SPARKY

HD PROFESSIONAL

POWER TOOLS

Catalogue 2014 / 2015

The Power in your hands

SPARKY GROUP

Our company – Professionalism & Excellence

With over 50 years of manufacturing experience, their own 40 acre European manufacturing plant and a committed and highly qualified workforce, SPARKY continue to produce the high quality and design of Power Tools that has established SPARKY as a brand leader amongst the world's top selling power tool brands.

The SPARKY GROUP has a clearly focused strategy of generating profitable growth through reinvestment in order to maintain the technical excellence of their innovative and reliable products. This long term budgeted plan has resulted in a steady growth of the 200 Power Tools and Accessories, that now make up the SPARKY Professional range of products. Today more than 2.000 people work in the SPARKY GROUP.

Our production – Precision & Quality

SPARKY's vast European production facility and modern automatic production lines, (guaranteeing fast flexible production with 100% quality control) benefits from using major components, motors, gears and housings that are manufactured in house. This unique system of start to finish manufacturing, from raw material to finished tools, guarantees quality from the very start of the manufacturing process.

Continued high levels of investment, in research, development and modernisation of manufacturing plant and all its processes have allowed SPARKY to concentrate on the quality of products that are designed, manufactured and assembled in their own factory.

The SPARKY principal of controlled in house manufacturing guarantees that only the highest quality of tools are delivered to their customers.

Our Power Tools – Reliability & Performance

The current SPARKY range of more than 200 Power Tools and accessories are designed for the most demanding jobs in adverse environments in the construction and engineering industries.

Ongoing testing and continued improvement in the design (assisted by the use of SPARKY's own rapid prototype facility) and in house manufacturing processes guarantee,

www.sparky.eu

that SPARKY products continue to perform to the highest standards required by the professional tradesmen that choose them.

Our quality – Safety & Control

SPARKY will continue to achieve the highest standards of both products and manufacturing processes while achieving and maintaining the following strict standards:

- **ISO 9001:2008** certification guarantees the quality and traceability of the manufacturing process and products.
- **ISO 14001:2004**
  SPARKY have achieved ISO 14001:2004 certification for established and applied environmental management systems for the development, production and maintenance of Power Tools and accessories.
- **BS OHSAS 18001:2007**
  SPARKY are certified in accordance with **BS OHSAS 18001:2007** relates to recognisable occupational health and safety management systems. This emphasis is placed on practises being pro-active and preventative, by identification of hazards and the evaluation and control of work related risks.
- **ISO/IEC 17025:2005**
  Our in-house technical laboratory is accredited and complies with the standards defined in ISO / IEC 17025:2005.
- **RoHS**
  All SPARKY Power Tools strictly achieve EC-regulation 2011/65/EC for limitation of hazardous substances in Power Tools.
- **WEEE**
  SPARKY is registered member of EAR for recycling of old and used Power Tools.

HD PROFESSIONAL

SPARKY HD Professional power tools are designed for the most demanding jobs in adverse environments in the engineering and construction industries as well as being suitable for the aspiring home enthusiast.

The Power in your hands

POWER TOOLS

SAFETY

SPARKY Power Tools comply with the safety requirements as provided in Directives 2006/42/EC. 2006/95/EC and their harmonized safety standards EN 60745, EN 60335.

OPERATING VOLTAGE

SPARKY Power Tools are designed for single-phase operating voltage 110 V and 230 V and frequency 50 Hz.

DOUBLE INSULATION

SPARKY Power Tools are protectively insulated according to the requirements of EN 60745 and are marked accordingly with the double square safety mark. Double insulation provides electric shock protection through two separate levels of insulation – the non-conducting housing material and a second level of insulation for all internal electric components. Double insulated Power Tools do not require earthing.

CERTIFICATES

All SPARKY Power Tools have been evaluated for conformity according to: EU Directives 2006/42/EC, 2004/108/EC, 2006/95/EC by leading certification Authorities or have been tested by accredited technical laboratories for conformance with the regulations of EN 60745, EN 55014-1, EN 55014-2, EN 61000-3-2, EN 61000-3-3 standards.
Our in-house technical laboratory is accredited and complies with the standards defined in ISO / IEC 17025:2005.

RADIO INTERFERENCE

SPARKY Power Tools are radio suppressed under directive 2004/108/EC and European Standards EN 55014-1, EN 55014-2, EN 61000-2-3, EN 61000-3-3.

ORIGINAL INSTRUCTIONS

Each SPARKY Power tool is supplied together with multilingual Original and Safety instructions. Please read, understand and follow the instructions for your safety, best care and performance.

WEIGHT

All weights according to EPTA-Procedure 01/2003.
- without cable/cord
- with all standard equipment necessary for normal use as auxiliary handles, guards, drill chuck, flanges etc.
- without optional equipment as drill bits, discs, chisels etc.
- cordless tools with battery

DISCLAIMER

We reserve the right to make changes or improvements to our products without incurring an additional obligation. This includes any obligation to make corresponding changes or improvements in products previously manufactured or sold. E & O E.

SYMBOLS

- Double insulation
- Class I electrical appliance with protection against electric shock – connected to earth
- Electronic speed pre-selection
- Constant electronics plus electronic speed pre-selection
- Constant electronics plus electronic trigger speed control
- CET — Electronic speed pre-selection, constant electronics, torque control
- 16A — Electronics for soft start and restriction of starting current
- L R — Forward / reverse action
- 1–2 — Two-speed gears
- 1 2 3 — Three-speed gears
- Thermal overload protection
- Safety upon mains drop-out
- Protective clutch
- Spindle lock
- Pendulum action
- Bevel cutting
- Connection to vacuum cleaner
- Hook & loop fastening

- AUTO — Auto-stop brushes
- Anti-vibration system
- Laser line generator
- PRCD – Portable residual current circuit breaker with no-volt release
- 4 m — Mains cable length
- SPARKY — Tool case
- Drilling/Chiselling in Concrete
- Drilling/Chiselling in Masonry
- Drilling in Metal
- Drilling in Wood
- Impact Drilling
- Ø mm — Core Cutter
- FOR SDS MAX DEVICES — SDS Max Device
- FOR SDS+ DEVICES — SDS+ Device
- Concrete
- Masonry
- Stone
- Marble

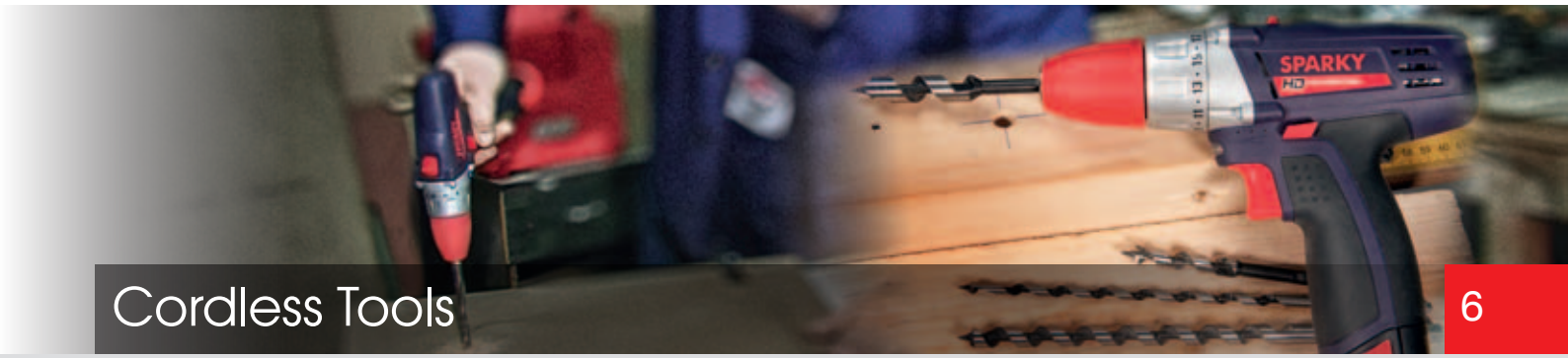
- METAL — Metal
- Steel
- ALU — Aluminium
- Cu Ni Ms Zn — Non-ferrous metals
- STAINLESS INOX NIROSTA — Inox
- Laminate
- Parquet
- Veneer
- Ceramic
- Glass
- FIBREGLASS — Fiberglass
- Plexi — Plexiglass
- PVC — PVC
- EPOXY <30 mm — Epoxy resin

TÜVRheinland® CERT
ISO 9001
ISO 14001
BS OHSAS 18001

040

A member of EPTA
THE EUROPEAN POWER TOOL ASSOCIATION

SPARKY Power Tools



Cordless Tools 6

- Li-Ion Cordless Tools 10
- NiCd Cordless Tools 16
- Accessories 21

Drilling, Screwdriving, Chiseling 24

- Drills & Impact Drills 28
- 2-speed Impact Drills 32
- Core Drills 39
- Tapper Machine 41
- Drywall Screwdrivers 42
- Accessories 43
- Rotary Hammers
  - with SDS+ Drill Bit Connection 50
  - with SDS Max Drill Bit Connection 53
- Accessories 55
- Heavy Duty Breakers 59
- Accessories 63

Grinding & Cutting 64

- Angle Grinders 68
- Concrete Grinders / Planers 78
- Wall Chasers 82
- Bench Grinders 84
- Accessories 87

Table of contents

Polishing, Sanding, Finishing 92

- Polishers/Sanders 96
- Long Reach Sanders 102
- Low Speed Polisher 104
- Sanders 105
- Grinders 107
- Belt Sanders 111
- Sheet Sanders 114
- Accessories 117

Cutting, Routing, Planing, Dust extraction 126

- Routers 130
- Jig Saws 132
- Circular Saws 136
- Sabre Saws 138
- Nibblers 139
- Single/Double Bevel Mitre Saws 140
- Planers 142
- Hot Wire Styrofoam Cutter 144
- Electric Chain Saws 146
- Accessories 147
- Vacuum Cleaners 152
- Accessories 155

Mixers & Other Tools 156

- Paddle Mixers 158
- 2-speed Paddle Mixers 159
- Accessories 161
- Heat Guns 162
- Staple/Nail Gun 164
- Measuring & Detection Equipment 165
- Accessories 166

Li-Ion Cordless Tools 10
NiCd Cordless Tools 16
Accessories 21

Cordless Tools

The Power in your hands

SPARKY cordless Power Tools range is designed to be used in all industries, providing maximum power and durability.

The high level of efficiency is achieved by the refined combination of the tools low weight and prolonged battery life and fast charge. The single sleeve chuck system allows for easy quick and efficient changing of drill or screwdriver bit.

NiCd CORDLESS TOOLS

Model		Page	Voltage:	Capacity:	No load rpm:	Max. Torque:	Torque settings:	Chuck capacity:			
			V	Ah	min^{-1}	Nm	pos.	mm			
	Drill Driver BR2 12E	16	12	1.7 / 2.0	0–350 / 0–1250	28	15 + 1	0.8–10	●	●	●
	Drill Driver BR 15E	17	14.4	1.5 / 2.0	0-350 / 0–1100	25	15 + 1	0.8–10	●	●	●
	Combi Drill BUR2 15E	18	14.4	2	0–400 / 0–1350	35	20 + 1	1.5–13	●	●	●
	Combi Drill BUR2 18E	18	18	2	0–400 / 0–1350	40	20 + 1	1.5–13	●	●	●
	Angle Drill BAR 12E	19	12	2	0–800	18	12	1.5–10	●	●	
	Impact Driver GUR 12	20	12	2	0–2300	160		1/4" Hexagon	●	●	
	Impact Wrench GUR 12S	20	12	2	0–2300	195		1/2" Square drive	●	●	

The new Lithium-technology offers high user comfort with especially light and compact tools and extended life time of battery packs.

Li-ion

Advantages of Lithium-batteries:

- No memory effect
- 40% less weight in comparison to NiCd batteries
- Approximately twice the charging cycles as traditional NiCd batteries
- Extended battery life without loss of performance

LI-ION CORDLESS TOOLS

Model		Page	Voltage:	Capacity:	No load rpm:	Max. Torque:	Torque settings:	Chuck capacity:			
			V	Ah	min^{-1}	Nm	pos.	mm			
	Screwdriver GR 3,6Li	10	3.6	1.3	180	4		1/4" Hexagon	●	●	
	Drill Driver BR2 7,2 Li	10	7.2	1.3	0–190 / 0–600	13	19 + 1	0.6–6	●	●	●
	Drill Driver BR2 10,8Li	11	10.8	1.5	0–400 / 0–1400	32	17 + 1	0.8–10	●	●	●
	Impact Driver GUR 10,8Li	11	10.8	1.5	0–2200	100		1/4" Hexagon	●	●	
	Drill Driver BR2 15Li HD	13	14.4	2 / 4	0–400 / 0–1450	44	25 + 1	10	●	●	●
	Drill Driver BR2 18Li HD	13	18	2 / 4	0–450 / 0–1450	46	25 + 1	10	●	●	●
	Combi Drill BUR2 15Li HD	13	14.4	4	0–350 / 0–1700	65	25 + 1	13	●	●	●
	Combi Drill BUR2 18Li HD	12	18	4	0–400 / 0–1800	68	25 + 1	13	●	●	●
	Impact Driver GUR 15Li HD	14	14.4	2 / 4	0–1100 / 0–1800 / 0–2800	150		1/4" Hexagon	●	●	
	Impact Wrench GUR 15SLi HD	14	14.4	2 / 4	0–1100 / 0–1800 / 0–2800	160		1/2" Square drive	●	●	
	Impact Driver GUR 18Li HD	14	18	4	0–1100 / 0–1800 / 0–2800	160		1/4" Hexagon	●	●	
	Impact Wrench GUR 18SLi HD	14	18	4	0–1100 / 0–1800 / 0–2800	170		1/2" Square drive	●	●	
	Rotary Hammer BPR 15Li	15	14.4	1.3	0–750			0.8–10	●	●	

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Battery charging LED indicator

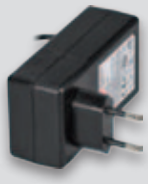
Reverse button spindle lock function for screwing on hand

HEAVYDUTY

GR 3,6Li PROFESSIONAL

- Light and compact construction
- Robust metal gear box
- High quality Lithium-battery
- Auto spindle lock
- Variable speed and reverse
- LED work light
- Ergonomic soft-grip handle

Comes complete with:
Carry case, Adapter, 10 bits, Charger



TECHNICAL DATA		GR 3,6Li
Voltage:	V	3.6
Capacity:	Ah	1.3
No load rpm:	min^{-1}	180
Tool holder:	Inch	1/4 Hexagon
Max. Torque:	Nm	4
Battery:		Li-Ion (integral)
Charging time:	h	3
Weight (including battery):	kg	0.32
Cat. №		**13000191357** (EU); **13020191357** (UK)

BR2 7,2Li HD HD PROFESSIONAL

- Light and compact construction
- High quality Lithium-battery
- High performance motor
- Auto spindle lock
- Variable speed and reverse
- Synchronised two-speed gears
- Keyless single sleeve chuck
- Torque settings plus drilling: 19 pos.
- LED work light
- Ergonomic soft-grip handle

Comes complete with:
2 batteries, Fast charger

TECHNICAL DATA		BR2 7,2Li HD
Voltage:	V	7.2
Capacity:	Ah	1.3
No load rpm:	min^{-1}	0–190 / 0–600
Keyless chuck:	mm	0.6–6
Max. Torque:	Nm	13
Torque settings:	pos.	19 + 1
Battery:		Li-Ion (removable)
Charging time:	h	0.5
Weight (including battery):	kg	1.1
Cat. №		**14000192874** (EU)

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HEAVYDUTY

GUR 10,8Li HD HD PROFESSIONAL

- Light and compact construction
- High quality Lithium-battery
- High performance motor
- High torque
- Variable speed and reverse
- Electric motor brake
- LED work light
- LED battery indicator
- Ergonomic soft-grip handle

BR2 10,8Li HD HD PROFESSIONAL

- Synchronised two-speed gears
- Keyless single sleeve chuck
- Torque settings plus drilling: 17

TECHNICAL DATA		GUR 10.8Li HD	BR2 10.8Li HD
Voltage:	V	10.8	10.8
Capacity:	Ah	1.5	1.5
No load rpm:	min^{-1}	0–2200	0–400 / 0–1400
No load impact rate:	min^{-1}	0–3000	–
Keyless chuck:	mm	–	0.8 – 10
Max. torque:	Nm	100	32
Torque settings:	pos.	–	17 + 1
Battery:		Li-Ion (removable)	Li-Ion (removable)
Charging time:	min	40	40
Weight (including battery):	kg	1	1.1
Cat. №		**14000192651**	**14000192451**

Li-Ion Twin Set HD PROFESSIONAL

Cat. № 14000500552

Contents:

- Li-Ion Drill driver BR2 10,8Li HD
- Li-Ion Impact driver GUR 10,8Li HD
- 2 Li-Ion 1.5Ah batteries
- Fast charger
- Carry case

Comes complete with:

Carry case, 2 batteries, Fast charger

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BUR2 18Li HD PROFESSIONAL

Two-speed planetary gearbox

Motor brake

360º Auxiliary handle for better confort

Reverse button

Single sleeve keyless chuck 13mm

25 torque settings plus drilling
Hammer drill function
Spindle lock

Ergonomic soft-grip handle

Variable speed trigger switch

LED work light
LED battery level indicator

Convenient belt clip

COMING SOON

HEAVYDUTY

SPARKY PROFESSIONAL

COMING SOON

HEAVYDUTY

BR2 15Li HD PROFESSIONAL

BR2 18Li HD PROFESSIONAL

BUR2 15Li HD PROFESSIONAL

- Variable speed and reverse
- High speed in 2nd gear for efficient drilling
- High torque for various applications
- 25 torque settings plus drilling
- Synchronized two-speed gearbox with metal planetary gears
- Spindle lock
- Keyless single sleeve chuck
- Modern ergonomic design for comfort and balance
- Ergonomic soft-grip handle
- Hammer drill function (BUR2 15Li HD, BUR2 18Li HD)
- LED work light
- LED battery level indicator
- Electric motor brake
- Optimized power consumption, allowing a greater number of operations with one battery charging
- Intelligent, fan cooled, fast charger
- Convenient belt clip

Comes complete with:

BR2 15Li HD, BR2 18Li HD: Carry case, 2 batteries, Fast charger
BUR2 15Li HD, BUR2 18Li HD: Carry case, 2 batteries, Fast charger, Auxiliary handle

For more information refer to Page 21

TECHNICAL DATA		BR2 15Li HD	BR2 18Li HD	BUR2 15Li HD	BUR2 18Li HD
Voltage:	V	14.4	18	14.4	18
Capacity:	Ah	2 / 4	2 / 4	4	4
No load rpm:	min^{-1}	0–450 / 0–1450	0–450 / 0–1450	0–350 / 0–1700	0–400 / 0–1800
No load impact rate:	min^{-1}	–	–	0–6300 / 0–30600	0–7200 / 0–32400
Keyless chuck:	mm	10	10	13	13
Max. Torque:	Nm	44	46	65	68
Torque settings:	pos.	25+1	25+1	25+1	25+1
Battery:		Li-Ion	Li-Ion	Li-Ion	Li-Ion
Weight (including battery):	kg	1.4 (2Ah) / 1.6 (4Ah)	1.5 (2Ah) / 1.7 (4Ah)	1.9	2.0
Cat. №		**12000194053 (2Ah) 12000194087 (4Ah)**	**12000194253 (2Ah) 12000194287 (2Ah)**	**12000193987**	**12000193887**

SPARKY PROFESSIONAL

COMING SOON

- 3-Speed / Torque control

HEAVYDUTY

GUR 15Li • GUR 15SLi HD PROFESSIONAL

GUR 18Li • GUR 18SLi HD PROFESSIONAL

SCREWDRIVER BIT SETS

For more information refer to Page 23

- High torque for efficient insertion of screws and bolts
- Quick-action 1/4" Hex for fast bit change (GUR 15Li HD, GUR 18Li HD)
- 1/2" Square drive for sockets etc. (GUR 15SLi HD, GUR 18SLi HD)
- Lock off trigger
- 3 position speed/torque pre-selection with variable speed in each range
- Full metal gearbox
- High torque
- Modern ergonomic design or comfort and balance
- Ergonomic soft-grip handle
- Electric motor brake
- LED battery level indicator
- LED speed/torque setting indicator
- Intelligent, fan cooled, fast charger

Comes complete with:

Carry case, 2 batteries, Fast charger

TECHNICAL DATA		GUR 15Li HD	GUR 15SLi HD	GUR 18Li HD	GUR 18SLi HD
Voltage:	V	14.4	14.4	18	18
Capacity:	Ah	2 / 4	2 / 4	4	4
No load rpm:	min^{-1}	0–1100 / 0–1800 / 0–2800	0–1100 / 0–1800 / 0–2800	0–1100 / 0–1800 / 0–2800	0–1100 / 0–1800 / 0–2800
Max. torque:	Nm	150	160	160	170
Tool holder:	Inch	1/4 Hexagon	1/2" Square drive	1/4 Hexagon	1/2" Square drive
Battery:		Li-Ion	Li-Ion	Li-Ion	Li-Ion
Weight (including battery):	kg	1.3 (2Ah) / 1.5 (4Ah)	1.3 (2Ah) / 1.5 (4Ah)	1.5	1.5
Cat. №		**12000194153 (2Ah) 12000194187 (4Ah)**	**12000194453 (2Ah) 12000194487 (4Ah)**	**12000194387**	**12000194587**

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BPR 15Li PROFESSIONAL

- Two mode settings: Hammer drilling and Drilling / Screwdriving
- Pneumatic hammer action (for concrete/masonry)
- Trigger speed control switch
- Reverse
- Hammer stop for Drilling
- Modern ergonomic design for comfort and balance
- Electric motor brake
- LED work light
- LED battery indicator
- Ergonomic soft-grip handle

Comes complete with:

Carry case, 2 batteries, Fast charger,
4 assorted screwdriver bits, 4 assorted SDS+ drill bits,
Keyless chuck with SDS+ adapter, SDS+ ¼“ hex adapter

TECHNICAL DATA		BPR 15Li
Drilling capacity in:		
- concrete / steel / wood:	mm	10 / 10 / 20
Voltage:	V	14.4
Capacity:	Ah	1.3
No load rpm:	min^{-1}	0–750
No load impact rate:	min^{-1}	5500
Impact energy:	J	1
Drill bit connection:		SDS+
Chuck capacity:	mm	0.8–10
Battery:		Li-Ion
Charging time:	h	1
Weight (including battery):	kg	1.4
Cat. №		**13000192771** (EU)

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New

- Increased torque
- Increased speed on second gear
- Reduced overall dimensions
- Reduced weight

Twin Set

Cat. № 13000193784 (2 x 1.7Ah)
Cat. № 13000193766 (2 x 2.0Ah)

Contents:

- **Cordless Drill driver BR2 12E**
- **Cordless Flashlight FL 12L:**
  - Compact and handy
  - Energy efficient 24 LEDs
  - LED product class 1
  - Luminous intensity 13 Cd
  - Voltage 12 V
- 2 x 1.7/2.0Ah batteries
- Fast charger
- Carry bag

BR2 12E PROFESSIONAL

- Variable speed and reverse
- Keyless single sleeve chuck
- Modern ergonomic design for comfort and balance
- 15 torque settings plus drilling
- LED work light (switched)
- LED battery indicator
- Synchronized two-speed gearbox with metal planetary gears
- Electric motor brake
- Integrated bit holder
- Ergonomic soft-grip handle
- Safety strap

Comes complete with:
Carry case, 2 batteries, Fast charger

TECHNICAL DATA		BR2 12E
Voltage:	V	12
Capacity:	Ah	1.7 / 2.0
No load rpm:	min^{-1}	0–350 / 0–1250
Torque settings:	pos.	15+1
Keyless chuck:	mm	0.8 – 10
Drilling capacity in steel / wood:	mm	10 / 25
Max. torque:	Nm	28
Battery:		NiCd
Charging time:	h	1
Weight (including battery):	kg	1.5
Cat. №		**1.7Ah: 13000193752** (EU) **2.0Ah: 13000193753** (EU)

SPARKY PROFESSIONAL

BR 15E PROFESSIONAL

- Variable speed and reverse
- Keyless single sleeve chuck
- Modern ergonomic design for comfort and balance
- 15 torque settings plus drilling
- LED work light (switched)
- LED battery indicator
- Synchronized two-speed gearbox with metal planetary gears
- Electric motor brake
- Integrated bit holder
- Ergonomic soft-grip handle
- Safety strap

Comes complete with:

Carry case, 2 batteries, Fast charger

TECHNICAL DATA		BR 15E
Voltage:	V	14.4
Capacity:	Ah	1.5 / 2.0
No load rpm:	min^{-1}	0–350 / 0–1100
Torque settings:	pos.	15+1
Keyless chuck:	mm	0.8–10
Drilling capacity in steel / wood:	mm	10 / 25
Max. torque:	Nm	25
Battery:		NiCd
Charging time:	h	1
Weight (including battery):	kg	1.9 (1.5Ah) / 2.1 (2.0Ah)
Cat. №		**1.5Ah: 13000190551** (EU) **2.0Ah: 13000190553** (EU)

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BUR2 15E PROFESSIONAL

BUR2 18E PROFESSIONAL

- Variable speed and reverse
- Keyless single sleeve chuck
- Modern ergonomic design for comfort and balance
- 20 torque settings plus drilling and hammer drilling settings
- LED working light (switched)
- LED battery indicator
- Synchronized two-speed gearbox with metal planetary gears
- Magnesium alloy gearbox
- Electric motor brake
- Left/right hand fitting of side handle
- Integrated bit holder
- Ergonomic soft-grip handle
- Safety strap

Left/right hand fitting of side handle

Comes complete with:

Carry case, Auxiliary handle, 2 batteries, Fast charger, 2 bits, Strap

TECHNICAL DATA		BUR2 15E
Voltage:	V	14.4
Capacity:	Ah	2
No load rpm:	min^{-1}	0–400 / 0–1350
Torque settings:	pos.	20+1
Keyless chuck:	mm	1.5–13
Drilling capacity in		
- steel / wood / concrete:	mm	10 / 30 / 10
No load impact rate:	min^{-1}	0–6400 / 0–21600
Max. torque:	Nm	35
Battery:		NiCd
Charging time:	h	1
Weight (including battery):	kg	2.2
Cat. №		**13000191153** (EU)

TECHNICAL DATA		BUR2 18E
Voltage:	V	18
Capacity:	Ah	2
No load rpm:	min^{-1}	0–400 / 0–1350
Torque settings:	pos.	20+1
Keyless chuck:	mm	1.5–13
Drilling capacity in		
- steel / wood / concrete:	mm	13 / 32 / 13
No load impact rate:	min^{-1}	0–6400 / 0–21600
Max. torque:	Nm	40
Battery:		NiCd
Charging time:	h	1
Weight (including battery):	kg	2.3
Cat. №		**13000191253** (EU)

SPARKY PROFESSIONAL

BAR 12E PROFESSIONAL

- Variable speed and reverse
- Keyless single sleeve chuck
- Compact for working in confined spaces
- 12 torque settings
- Electric motor brake
- LED work light
- Ergonomic soft-grip handle

LED work light

Comes complete with:

Carry case, 2 batteries, Fast charger

TECHNICAL DATA		BAR 12E
Voltage:	V	12
Capacity:	Ah	2
No load rpm:	min^{-1}	0–800
Keyless chuck:	mm	1.5–10
Max. torque:	Nm	18
Torque settings:	pos.	12
Tool length:	mm	350
Battery:		NiCd
Charging time:	h	1
Weight (including battery):	kg	2.2
Cat. №	**13000190853** (EU); **13020190853** (UK)	

SPARKY PROFESSIONAL

GUR 12 PROFESSIONAL

- Variable speed and reverse
- Aluminium alloy gearbox
- High torque
- Electric motor brake
- External brush change facility
- LED work light
- Ergonomic soft-grip handle
- Safety strap

Comes complete with:

Carry case, 2 batteries, Fast charger

TECHNICAL DATA		GUR 12
Voltage:	V	12
Capacity:	Ah	2
No load rpm:	min^{-1}	0–2300
Impact rate:	min^{-1}	0–3000
Max. torque:	Nm	160
Tool holder:	Inch	1/4 Hexagon
Tool length:	mm	162
Battery:		NiCd
Charging time:	h	1
Weight (including battery):	kg	1.7
Cat. №	**13000190653** (EU); **13020190653** (UK)	

GUR 12S PROFESSIONAL

- 2-in-1 for wrench and driver
- ½“ / ¼“ hex adapter (as shown)

Bit Set - 22 bits

GUR 12S Driver Adapter

Comes complete with:

Carry case, 2 batteries, Fast charger, Adapter, 22 bits

TECHNICAL DATA		GUR 12S
Voltage:	V	12
Capacity:	Ah	2
No load rpm:	min^{-1}	0–2300
Impact rate:	min^{-1}	0–3000
Max. torque:	Nm	195
Tool holder:	Inch	1/2 Square drive
Tool length:	mm	158
Battery:		NiCd
Charging time:	h	1
Weight (including battery):	kg	1.7
Cat. №	**13000190753** (EU); **13020190753** (UK)	

BATTERY PACKS

Battery	Voltage/ Capacity	Type	Used with	Pcs/Pack	Cat. №
NiCd	① 12V, 2.0 Ah	NiCd	BAR 12E, GUR 12(S)	1	20009706000
	② 9.6V, 1.5 Ah	NiCd	BR 9,6E	1	20009700400
	③ 12V, 1.7 Ah	NiCd	BR2 12E	1	20009705300
	④ 12V, 2.0 Ah	NiCd	BR2 12E	1	20009700300
	⑤ 14.4V, 1.5 Ah	NiCd	BR 15E	1	20009700600
	⑥ 14.4V, 2.0 Ah	NiCd	BR 15E	1	20009700700
	⑦ 14.4V, 2.0 Ah	NiCd	BUR2 15E	1	20009702000
	⑧ 18V, 2.0 Ah	NiCd	BUR2 18E	1	20009700800

Battery	Voltage/ Capacity	Type	Used with	Pcs/Pack	Cat. №
Li-Ion	① 7.2V, 1.3 Ah	Li-Ion	BR2 7.2Li HD	1	20008706300
	② 10.8V, 1.5 Ah	Li-Ion	BR2 10.8Li HD, GUR 10.8Li HD	1	20008711900
	③ 14.4V, 2.0 Ah	Li-Ion	BR2 15Li, GUR 15Li	1	20008712100
	④ 14.4V, 4.0 Ah	Li-Ion	BR2 15Li, BUR2 15Li GUR 15Li	1	20008712200
	⑤ 18V, 2.0 Ah	Li-Ion	BR2 18Li	1	20008712300
	⑥ 18V, 4.0 Ah	Li-Ion	BR2 18Li, BUR2 18Li, GUR 18Li	1	20008712400
	⑦ 14.4V, 1.3 Ah	Li-Ion	BPR 15Li	1	20009708200

CHARGERS

Charger	Output voltage/current	Used with	Pcs/Pack	Cat. №
	① 12V / 1.8A	GUR 12(S), BAR 12E	1	20009705900
	② 9.6V / 1.5A	BR 9,6E	1	20009702100
	③ 12V / 1.7A	BR2 12E	1	20009702200
	④ 12V / 2A	BR2 12E	1	20009703700
	⑤ 14.4V / 1.5A	BR 15E	1	20009702300
	⑥ 14.4V / 2A	BR 15E, BUR2 15E	1	20009703800
	⑦ 18V / 3A	BUR2 18E	1	20009703900
	⑧ 5V / 0.3A	GR 3,6Li	1	20009704600
	⑨ 12V / 3A	BR2 10,8Li HD, GUR 10,8Li HD	1	20008707800
	⑩ 14.4V / 18V	BR2 15Li HD, BR2 18Li HD BUR2 15Li HD, BUR2 18Li HD GUR 15Li HD, GUR 18Li HD	1	20008712500
	⑪ 14.4V	BPR 15Li	1	20009708000
	⑫ 7.2V	BR2 7.2Li HD	1	20008706400

SCREWDRIVER BITS – Chrome Vanadium (CR-V)

SCREWDRIVER BITS

Double Ended Bits	Type / Length, mm	Cat. № (2 pcs)	Cat. № (10 pcs)
Pozidrive	PZ 1 / 50	20009724501	20009724509
	PZ 2 / 50	20009724601	20009724609
	PZ 3 / 50	20009724701	20009724709
Phillips	PH 1 / 50	20009724801	20009724809
	PH 2 / 50	20009724901	20009724909
	PH 3 / 50	20009725001	20009725009
Slotted	SZ 0.6x4.5 / 50	20009726501	20009726509
	SZ 0.8x5.5 / 50	20009726601	20009726609
	SZ 1.2x6.5 / 50	20009726701	20009726709
Torx	TX 10 / 50	20009725101	20009725109
	TX 15 / 50	20009725201	20009725209
	TX 20 / 50	20009725301	20009725309
	TX 25 / 50	20009725401	20009725409
	TX 30 / 50	20009725501	20009725509
Hex	HEX 3 / 50	20009725601	20009725609
	HEX 4 / 50	20009725701	20009725709
	HEX 5 / 50	20009725801	20009725809
	HEX 6 / 50	20009725901	20009725909

Bits	Type / Length, mm	Cat. № (10 pcs)	Cat. № (100 pcs)
Pozidrive	PZ 1 / 25	20009720009	20009720012
	PZ 2 / 25	20009720109	20009720112
	PZ 3 / 25	20009720209	20009720212
Phillips	PH 1 / 25	20009720309	20009720312
	PH 2 / 25	20009720409	20009720412
	PH 3 / 25	20009720509	20009720512
Slotted	SZ 0.6x4.5 / 25	20009720609	20009720612
	SZ 0.8x5.5 / 25	20009720709	20009720712
	SZ 1.2x6.5 / 25	20009720809	20009720812
Torx	TX 10 / 25	20009720909	20009720912
	TX 15 / 25	20009721009	20009721012
	TX 20 / 25	20009721109	20009721112
	TX 25 / 25	20009721209	20009721212
	TX 30 / 25	20009721309	20009721312
Hex	HEX 3 / 25	20009721409	20009721412
	HEX 4 / 25	20009721509	20009721512
	HEX 5 / 25	20009721609	20009721612
	HEX 6 / 25	20009721709	20009721712

DRYWALL INDENTER BITS	Type / Length, mm	Pcs/Pack	Cat. №
	PH 2 / 25	2	20009727001

MAGNETIC HOLDER	Material	Pcs/Pack	Cat. №
	Cr-V	1	20009722300

SCREWDRIVER BIT SETS

Double Ended Screwdriver Bit Sets	Cat. №
Double Ended Bit Set 10 pcs / 50 mm	
PH1, PH2, PZ1, PZ2, PZ3, TX15, TX20, TX25, SZ 0.8X5.5, SZ 0.6x4.5	20009726014
Double Ended Bit Set 10 pcs / 50 mm	
PH2, PH3, PZ2, PZ3, SZ 0.8x5.5, SZ 1.2x6.5, TX15, TX20, HEX4, HEX6	20009726114
Double Ended Bit Set 10 pcs	
PH1 x PH2 (50 mm), PH2 x PH2 (50 mm), PH1 x PZ1 (50 mm), PH2 x PZ2 (50 mm), PZ1 x PZ2 (50 mm), PZ2 x PZ2 (50 mm), PH1 x SZ 4,0x65 mm, PH2 x SZ 5,5x65 mm, PZ1 x SZ 4,0x65 mm, PZ2 x SZ 5,5x65 mm	20009726214

Bit set - 10 pcs.

Mixed Bit Set with Magnetic Holder

Bit set 100 pcs.

Screwdriver Bit Sets	Cat. №
Bits Pozidrive 10pcs / Magnetic holder	
PZ1 – 2 pcs; PZ2 – 5 pcs; PZ3 – 2 pcs; Magnetic holder	20009721814
Set Bits Torx 10 pcs / Magnetic holder	
TX10 – 1 pc; TX15 – 2 pcs; TX20 – 3 pcs; TX25 – 2 pcs; Tx30 – 1 pc; Magnetic holder	20009721914
Set Bits Mixed 10 pcs / Magnetic holder	
PH1, PH2, PZ1, PZ2, PZ3, TX15, TX20, TX25, SZ 0.8x5.5; Magnetic holder	20009722014
Set Bits Mixed 10 pcs / Magnetic holder	
PZ 2, PZ 3, PH 2, PH 3, SZ 0.8x5.5, SZ 1.2x6.5, TX 15, TX 20, HEX 4, Magnetic holder	20009722114

SCREWDRIVER BITS – S2

HEAVY DUTY PREMIUM QUALITY

SCREWDRIVER BITS

	HD Bits	Type / Length, mm	Cat. № (10 pcs)	Cat. № (100 pcs)
	Pozidrive	S2 PZ 1 / 25	20008720009	20008720012
		S2 PZ 2 / 25	20008720109	20008720112
		S2 PZ 3 / 25	20008720209	20008720212
	Phillips	S2 PH 1 / 25	20008720309	20008720312
		S2 PH 2 / 25	20008720409	20008720412
		S2 PH 3 / 25	20008720509	20008720512
	Slotted	S2 SZ 0.6x4.5 / 25	20008720609	20008720612
		S2 SZ 0.8x5.5 / 25	20008720709	20008720712
		S2 SZ 1.2x6.5 / 25	20008720809	20008720812
	Torx	S2 TX 10 / 25	20008720909	20008720912
		S2 TX 15 / 25	20008721009	20008721012
		S2 TX 20 / 25	20008721109	20008721112
		S2 TX 25 / 25	20008721209	20008721212
		S2 TX 30 / 25	20008721309	20008721312
	Hex	S2 HEX 3 / 25	20008721409	20008721412
		S2 HEX 4 / 25	20008721509	20008721512
		S2 HEX 5 / 25	20008721609	20008721612
		S2 HEX 6 / 25	20008721709	20008721712

DRYWALL INDENTER BITS	Type / Length, mm	Pcs/Pack	Cat. №
	PH 2 / 25	1	20008726900
	PH 2 / 25	2	20008726901

FAST CHANGE MAGNETIC HOLDER	Material	Pcs/Pack	Cat. №
	S2	1	20008722400

32 PIECES BIT SET		Cat. №
	5 pcs Hex sockets: 6/7/8/9/10 mm 1 pc quick change magnetic holder 8 pcs bits - Cr-V, length: 50 mm 18 pcs bits - Cr-V, length: 25 mm	20009726414

25 PIECES BIT SET		Cat. №
	3 pcs Hex sockets: 6/8/10 mm Compact Screw Guide 1x6 mm Hex quick change connector Hex to Square adapter: 6 mm x 10 mm; 7 pcs Hex screwdriver bits 25 mm: P1 x2, P2, P3, 4-6 Slotted, R2 6 pcs Hex screwdriver bits 50 mm: 4-6 Slotted, 6-8 Slotted, R1, RS, P1, P2 6 pcs Hex Titanium coated drill bits: 1.5 mm, 2.0 mm, 2.5 mm, 3.0 mm, 5.0 mm, 6.0 mm Storage pouch	20009724314

SCREWDRIVER BIT SETS

Set - 10 pcs.

Set - 100 pcs.

HD Screwdriver Bit Sets	Cat. №
S2 mixed bit sets 10 pcs / Fast change magnetic holder	
S2-PH1; S2-PH2; S2-PZ1; S2-PZ2; S2 SZ-0.6x4.5; S2 SZ-1.2x6.5; S2-TX15; S2-TX20; S2-TX30; Fast change magnetic holder	20008722214
S2 mixed bit sets 15 pcs / Fast magnetic holder	
PH 1; PH 2; PH 3; PZ 1; PZ 2; PZ 3; SZ 4; SZ 5; HEX3; HEX 4; HEX 5; TORX 20; TORX 25; TORX 30;	20008744414
S2 mixed bit sets 64 pcs / Fast magnetic holder	
63 pcs Bits with 1 pc Magnetic holder	20008726314

BELT HOLSTER

①

②

	Used with	Pcs/Pack	Cat. №
①	BR2 7.2Li HD, GUR 10.8Li HD BR2 10.8Li HD	1	20009704500
②	BR2 7,2Li HD, GUR 10,8Li HD BR2 10,8Li HD	1	20009711600

SPARKY
HD

Drills & Impact Drills 28
2-speed Impact Drills 32
Core Drills 39
Taper Machine 41
Drywall Screwdrivers 42
Accessories 43
Rotary Hammers with SDS+ Drill Bit Connection 50
Rotary Hammers with SDS Max Drill Bit Connection 53
Accessories 55
Demolition Hammers 59
Accessories 63

Drilling & Chiseling

The Power in your hands

Model	Page	Power input:	Drilling capacity in:				Core bits up to:	No load rpm:	Chuck capacity:		CET		
		W	mm				mm	min^{-1}	mm				
Drills													
BR 60E	28	300		6	6	13		0–4500	0.6–6	●		●	
BR 65E		300		6	6.5	13		0–4500	0.6–6.5	●		●	
BR 100E		350		10	10	20		0–3000	0.8–10	●		●	
BR 101E		500		10	10	20		0–3000	0.8–10	●		●	
Impact Drills													
BUR 131E	30	600	13	13	16	20		0–2800	1.5–13	●		●	
BUR 150E	31	600	15	13	16	25		0–2800	1.5–13	●		●	
BUR 150CET	31	600	15	13	16	25		500–2500	1.5–13		●	●	
2-speed Impact Drills													
BU2 160	33	720	16 / 10	13 / 8	16 / 10	40 / 25		1200–3500	1.5–13				
BUR2 160E		720	16 / 10	13 / 8	16 / 10	40 / 25		0-1200/0-3500	1.5–13	●		●	
BUR2 200E	34	720	20 / 13	13 / 8	20 / 13	40 / 25		0-1200/0-3500	1.5–13	●		●	
BUR2 201E		720	20 / 13	13 / 8	20 / 13	40 / 25		0-1200/0-3500	1.5–13	●		●	
BUR2 250E	35	1010	25 / 13	16 / 10	20 / 6	40 / 25		0-1000/0-2900	1.5–13	●		●	
BUR2 250CET		1010	25 / 13	16 / 10	20 / 6	40 / 25		0-1000/0-2900	1.5–13		●	●	●
BU2 350	36	1010	16 / 10	16 / 10	20 / 13	45 / 20		800 / 2000	3–16				
BUR2 350E		1010	16 / 10	16 / 10	20 / 13	45 / 20		0-800 / 0-2000	3–16	●		●	
BUR2 350CET		1010	16 / 10	16 / 10	20 / 13	45 / 20		250–800 / 625–2000	3–16		●	●	●
Core Drills													
BUR2 355CE	37	1260	16 / 10	16 / 10	20 / 13	45 / 20	152	0-800 / 0-2000	3–16	●		●	
BBK 1100E	39	1100	16 / 10	16 / 10	20 / 13	45 / 20	152	0-800 / 0-2000	3–16	●		●	
BBK 1300CE		1260	16 / 10	16 / 10	20 / 13	45 / 20	152	0-800 / 0-2000	3–16	●		●	
BBK2 1500	40	1500	20	-	-	-	200	950 / 2100					
BBK3 1500		1500	10	-	-	-	200	950/2100/4200					
Tapper Machine			Journal diameter, mm										
R 10E	41	450	43					0–520R (1040L)	M4 – M10	●		●	
Drywall Screwdrivers			Tool holder, mm		Max. torque, Nm								
BVR 54E	42	450	6.35		8			0–4000		●		●	
BVR 62E		705	6.35		22			0–2500		●		●	
BVR 63E		450	6.35		10			0–3000		●		●	
BVR 64E		705	6.35		15			0–4000		●		●	
BVR 66E		705	6.35		8			0–6000		●		●	
Accessories	43												

Model	Page	Power input:	Drilling capacity in:			Core bits up to:	No load impact rate:	Impact energy:	Max. torque:			
		W	mm			mm	min^{-1}	J	Nm			
Rotary Hammers with SDS+ Drill Bit Connection												
BPR 220E	50	650	22	13	30	68	0–5550	2.3	52	●		
BPR 240E		720	24	13	30	68	0–5200	2.8	60	●		
BPR 240CE		750	24	13	30	68	0–4100	3.0	60		●	
BPR 260E		800	26	13	30	68	0–5200	3.0	65	●		
BPR 260CE		900	26	13	30	68	0–4100	3.2	73		●	
BPR 280CE		1010	28	13	30	68	0–4700	3.4	82		●	
BP 330CE	51	900	30	13	30	80	1640–2970	3.3	60		●	●
Rotary Hammers with SDS Max Drill Bit Connection												
BP 540CE	53	1010	40			90	1900–3050	7.6	95		●	●
BP 860CE	54	1400	52			140	1170–2435	10	140		●	●
Accessories	57											
Demolition Hammers			Tool holder / bit length:									
K 306E	59	650	SDS+ drill bit connection				0–3200	4.2		●		
K 615CE	60	1300	SDS Max drill bit connection				1900–3000	9			●	
K 1640	61	1500	HEX 30 / 410 mm				1400	40				
K 2050	61	1800	HEX 28 / 410 mm				1500	50				
K 3260	62	2200	HEX 28 / 530 mm				950	60				●
Accessories	63											

Concrete · Steel · Non-ferrous metals · Wood · Masonry

SPARKY PROFESSIONAL

Compact for working in confined spaces

BR 60E • BR 65E

- Electronic speed pre-selection
- Trigger speed control switch
- Reverse
- Lock-on switch
- Keyed chuck (BR 65E)
- Belt clip
- Compact design
- For working in confined spaces
- Double insulation

BR 100E • BR 101E

- Electronic speed pre-selection
- Trigger speed control switch
- Reverse
- Metal gearbox (BR 101E)
- Lock-on switch
- Belt clip
- Ergonomic soft-grip handle (BR 101E)
- Compact for working in confined spaces
- Double insulation

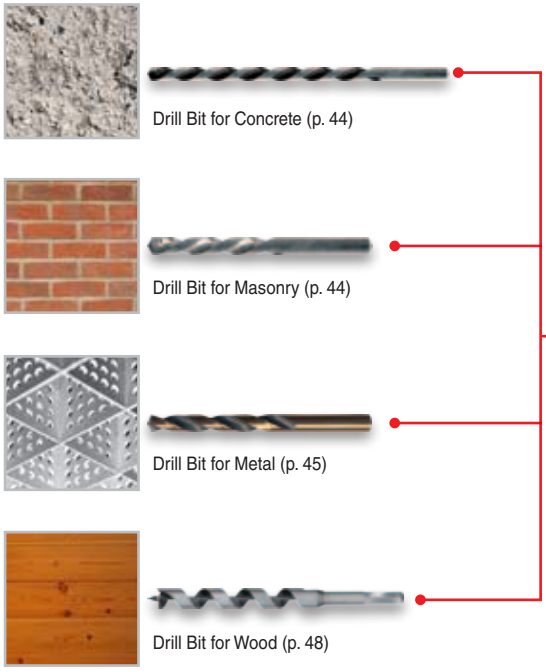
Comes complete with:

Keyless chuck (BR 60E, BR 100E, BR 101E)
Keyed chuck (BR 65E)

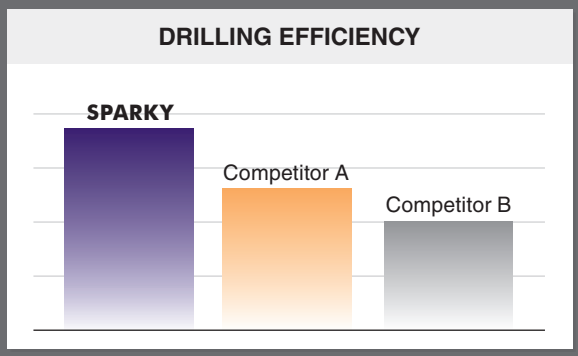
TECHNICAL DATA		BR 60E	BR 65E
Drilling capacity in:			
- steel	mm	6	6.5
- non-ferrous metals	mm	6	6.5
- wood	mm	13	13
No load rpm:	min^{-1}	0–4500	0–4500
No load impact rate:	min^{-1}	–	–
Spindle thread:	UNF	3/8”–24	3/8”–24
Chuck capacity:	mm	0.6–6	0.6–6.5
Journal diameter:	mm	38	38
Weight:	kg	1.1	1.1
Power input:	W	300	300
Cat. №		**13000011810**	**13000011913**

TECHNICAL DATA		BR 100E	BR 101E
Drilling capacity in:			
- steel	mm	10	10
- non-ferrous metals	mm	10	10
- wood	mm	20	20
No load rpm:	min^{-1}	0–3000	0–3000
No load impact rate:	min^{-1}	–	–
Spindle thread:	UNF	3/8”–24	3/8”–24
Chuck capacity:	mm	0.8–10	0.8–10
Journal diameter:	mm	–	–
Weight:	kg	1.2	1.5
Power input:	W	350	500
Cat. №		**13000011310**	**13000011510**

SPARKY PROFESSIONAL



Powerful, high torque motor



The **SPARKY** drill range offers convenient and reliable machines for all types of drilling.

The technical specifications will help you choose the ideal tool for your needs. These impact drills are ergonomic, light and easy to use.

The electronic speed pre-selection and torque control provides ultimate speed and torque control for the most precise drilling processes while maintaining speed regardless of load.

Wide range of drill bits for metal, stone and wood, suitable for SPARKY-drills and all other professional machines.

SPARKY PROFESSIONAL

BUR 131E BK 3 Cat. № 13000011457

KEYED CHUCK with **CHUCK KEY** are available in chuck sizes 10, 13 and 16 mm

KEYLESS CHUCKS are available in chuck sizes 10 and 13 mm

For more information refer to Page 43 ›

KEYLESS CHUCKS WITH DRILL NIBBLER

For more information refer to Page 44 ›

- Electronic speed pre-selection
- Trigger speed control switch
- Reverse
- Lock-on switch
- Belt clip
- Ergonomic soft-grip handle
- Compact for working in confined spaces
- Double insulation

- Convenient set with accessories for all types of drilling and fixing
- Contents:
  - Impact drill BUR 131E
  - Keyless chuck
  - Auxiliary handle
  - Depth gauge
  - 5 drill bits
  - 5 sockets
  - 6 screwdriver bits
  - Carry case

Comes complete with:
Keyless chuck, Auxiliary handle, Depth gauge

Option:
Keyed chuck Cat. № 13000011458

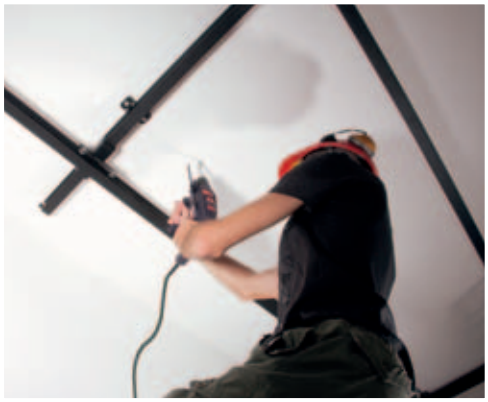
TECHNICAL DATA		BUR 131E
Drilling capacity in:		
- concrete	mm	13
- steel	mm	13
- non-ferrous metals	mm	16
- wood	mm	20
No load rpm:	min^{-1}	0–2800
No load impact rate:	min^{-1}	45000
Spindle thread:	UNF	1/2”–20
Chuck capacity:	mm	1.5–13
Journal diameter:	mm	43
Weight:	kg	2.0
Power input:	W	600
Cat. №		**13000011401**

SPARKY PROFESSIONAL

HEAVYDUTY

BUR 150E

- Electronic speed pre-selection
- Trigger speed control switch
- Lock-on switch
- Reverse
- On/Off impact mode switch
- Ergonomic soft-grip handle
- Auto-stop brushes
- Double insulation



Comes complete with:
Keyed chuck, Auxiliary handle, Depth gauge

Options (cat. № **10000011601**):
Keyless chuck, Auxiliary handle, Depth gauge

TECHNICAL DATA		BUR 150E
Drilling capacity in:		
- concrete	mm	15
- steel	mm	13
- non-ferrous metals	mm	16
- wood	mm	25
No load rpm:	min^{-1}	0–2800
No load impact rate:	min^{-1}	42000
Max. torque:	Nm	9
Spindle thread:	UNF	1/2”–20
Chuck capacity:	mm	1.5–13
Journal diameter:	mm	43
Max. screw in wood:	mm	Ø6, L=100
Weight:	kg	2
Power input:	W	600
Cat. №		**10000011600**

BUR 150CET HD PROFESSIONAL

- Constant electronics
- Torque control

Comes complete with:
Keyed chuck, Auxiliary handle, Depth gauge

Options (cat. № **12000011701**):
Keyless chuck, Auxiliary handle, Depth gauge

TECHNICAL DATA		BUR 150CET
Drilling capacity in:		
- concrete	mm	15
- steel	mm	13
- non-ferrous metals	mm	16
- wood	mm	25
No load rpm:	min^{-1}	500–2500
No load impact rate:	min^{-1}	37500
Max. torque:	Nm	9
Spindle thread:	UNF	1/2”–20
Chuck capacity:	mm	1.5–13
Journal diameter:	mm	43
Max. screw in wood:	mm	Ø6, L=100
Weight:	kg	2
Power input:	W	600
Cat. №		**12000011700**

Indexes:

- **E** - Electronic speed pre-selection
- **CE -** Constant Electronics
- **CET -** Electronic speed pre-selection, Constant electronics, Torque control, safety restart cut out

Index E

Index CET

SPARKY PROFESSIONAL

HEAVYDUTY

BU2 160 HD PROFESSIONAL

- Trigger speed control switch
- Synchronised metal 2-speed gears
- Lock-on switch
- On/Off impact mode switch
- Magnesium alloy gearbox
- Belt clip
- Ergonomic soft-grip handle
- Auto-stop brushes
- Double insulation

Comes complete with:
Keyed chuck, Auxiliary handle, Depth gauge

Options:
1. Carry case, Keyless chuck, Anti-vibration side handle
   cat. № **12000022463** (230V EU)
2. Keyless chuck
   cat. № **12000022401** (230V EU)

TECHNICAL DATA		BU2 160
Drilling capacity:		
- concrete	mm	16 / 10
- steel	mm	13 / 8
- non-ferrous metals	mm	16 / 10
- wood	mm	40 / 25
No load rpm:	min^{-1}	1200 / 3500
No load impact rate:	min^{-1}	54000
Spindle thread:	UNF	1/2”–20
Chuck capacity:	mm	1.5–13
Journal diameter:	mm	43
Max. screw in wood:	mm	–
Weight:	kg	2.2
Power input:	W	720
Cat. №		**12000022400** (230V EU)

BUR2 160E HD PROFESSIONAL

- Electronic speed pre-selection
- Reverse

Comes complete with:
Keyed chuck, Auxiliary handle, Depth gauge

Options:
1. Carry case, Keyless chuck, Anti-vibration side handle
   cat. № **12000022663** (230V EU)
   cat. № **12021022663** (110V UK) ; **12020022663** (230V UK)
2. Keyless chuck
   cat. № **12000022601** (230V EU)

TECHNICAL DATA		BUR2 160E
Drilling capacity:		
- concrete	mm	16 / 10
- steel	mm	13 / 8
- non-ferrous metals	mm	16 / 10
- wood	mm	40 / 25
No load rpm:	min-1	0–1200 / 0–3500
No load impact rate:	min-1	54000
Spindle thread:	UNF	1/2”–20
Chuck capacity:	mm	1.5–13
Journal diameter:	mm	43
Max. screw in wood:	mm	Ø6, L=100
Weight:	kg	2.2
Power input:	W	720
Cat. №		**12000022600** (230V EU)

SPARKY PROFESSIONAL

HEAVYDUTY

BUR2 200E HD PROFESSIONAL

- Electronic speed pre-selection
- Trigger speed control switch
- Synchronised metal 2-speed gears
- Lock-on switch
- Reverse
- On/Off impact mode switch
- Ergonomic soft-grip handle
- Reinforced polyamide housing
- Auto-stop brushes
- Double insulation

Comes complete with:
Keyed chuck, Auxiliary handle, Depth gauge

Options: Keyless chuck, cat. № **12000021001**

TECHNICAL DATA		BUR2 200E
Drilling capacity in:		
- concrete	mm	20 / 13
- steel	mm	13 / 8
- non-ferrous metals	mm	20 / 13
- wood	mm	40 / 25
No load rpm:	min^{-1}	0–1200 / 0–3500
No load impact rate:	min^{-1}	63000
Spindle thread:	UNF	1/2”–20
Chuck capacity:	mm	1.5–13
Journal diameter:	mm	43
Max. screw in wood:	mm	Ø6, L=100
Weight:	kg	2.6
Power input:	W	720
Cat. №		**12000021000**

BUR2 201E HD PROFESSIONAL

- Magnesium alloy gearbox

2-speed gears

Drilling

Hammer drilling

Comes complete with:
Keyless chuck, Auxiliary handle, Depth gauge

TECHNICAL DATA		BUR2 201E
Drilling capacity in:		
- concrete	mm	20 / 13
- steel	mm	13 / 8
- non-ferrous metals	mm	20 / 13
- wood	mm	40 / 25
No load rpm:	min^{-1}	0–1200 / 0–3500
No load impact rate:	min^{-1}	63000
Spindle thread:	UNF	1/2”–20
Chuck capacity:	mm	1.5–13
Journal diameter:	mm	43
Max. screw in wood:	mm	Ø6, L=100
Weight:	kg	2.4
Power input:	W	720
Cat. №		**12000021301**

SPARKY PROFESSIONAL

HEAVYDUTY

BUR2 250E HD PROFESSIONAL

- Electronic speed pre-selection
- Synchronised metal 2-speed gears
- Lock-on switch
- Reverse
- On/Off impact mode switch
- Magnesium alloy gearbox
- Ergonomic soft-grip handle
- Auto-stop brushes
- Double insulation

Comes complete with:
Keyed chuck, Auxiliary handle, Depth gauge

Options:
1. Carry case, Keyless chuck, Anti-vibration side handle, cat. № **12021021963** (110V UK); **12020021963** (230V UK); **12000021963** (230V EU)
2. Carry case, cat. № **12000021950** (230V EU)

BUR2 250CET HD PROFESSIONAL

- Constant electronics
- Torque control
- Safety restart cut out
- Live tool indicator when plugged into the power supply

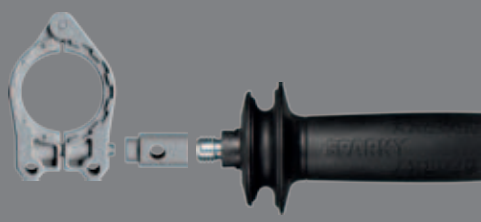
Comes complete with:
Keyed chuck, Auxiliary handle, Depth gauge

Options:
Carry case, Keyless chuck, Anti-vibration side handle, cat. № **12000022063** (230V EU)

TECHNICAL DATA		BUR2 250E		BUR2 250CET
Drilling capacity in:				
- concrete	mm	25 / 13		25 / 13
- steel	mm	16 / 10		16 / 10
- non-ferrous metals	mm	20 / 6		20 / 6
- wood	mm	40 / 25		40 / 25
No load rpm:	min^{-1}	0–1000 / 0–2900		0–1000 / 0–2900
No load impact rate:	min^{-1}	18000 / 52200		18000 / 52200
Torque control:	Nm	–		3–20 / 1–7
Max. torque:	Nm	46		46
Spindle thread:	UNF	1/2”–20		1/2”-20
Chuck capacity:	mm	1.5–13		1.5–13
Journal diameter:	mm	43		43
Max. screw in wood:	mm	Ø6, L=100		Ø6, L=100
Weight:	kg	2.7		2.7
Power input:	W	900 (110V~50Hz)	1010 (230V~50Hz)	1010
Cat. №		**12121021963** (110V UK)	**12000021900** (230V EU)	**12000022000** (230V EU)

ANTI-VIBRATION HANDLE

New Anti-vibration side handle – helps reduce vibration level and user fatigue by up to 40%



For more information refer to Page 43

BU2 350 HD PROFESSIONAL

- Electronic speed pre-selection (Index E/CET)
- Constant electronics (Index CE, CET)
- Torque control (Index CET)
- Safety restart cut out (Index CET)
- Trigger speed control switch
- Synchronised metal 2-speed gears
- Lock-on switch
- Reverse (Index E, CE, CET)
- High torque
- Mechanical safety clutch
- On/Off impact mode switch

BUR2 350E HD PROFESSIONAL

- Additional electronic clutch from the over-current protection system (Index CE)
- Magnesium alloy gearbox
- Live tool indicator when plugged into the power supply (index CET)
- LED overload indicator (Index CET)
- Ergonomic soft-grip handle
- Closed D-handle for additional safety and control
- Auto-stop brushes
- Double insulation

Comes complete with:

Keyed chuck, Auxiliary handle, Depth gauge **(BU2 350, BUR2 350E, BUR2 350CET)**

Carry case, Keyed chuck, Anti-vibration auxiliary handle, Depth Gauge **(BUR2 355CE)**

Options:

Carry case **(BUR2 350E)** cat. № **12020030659** (110V UK); **12020030659** (230V UK)

TECHNICAL DATA		BU2 350	BUR2 350E
Drilling capacity in:			
- concrete	mm	16 / 10	16 / 10
- steel	mm	16 / 10	16 / 10
- non-ferrous metals	mm	20 / 13	20 / 13
- wood	mm	45 / 20	45 / 20
Max. core size in masonry:	mm	–	152
No load rpm:	min^{-1}	800 / 2000	0–800 / 0–2000
No load impact rate:	min^{-1}	36000	36000
Torque control:	Nm	–	–
Max. torque:	Nm	65	35 (UK) / 65 (EU)
Spindle thread:	UNF	1/2”–20	1/2”–20
Chuck capacity:	mm	3–16	3–16
Journal diameter:	mm	43	43
Max. screw in wood:	mm	–	Ø8, L=100
Weight:	kg	3.5	3.5
Power input:		1010 (230V~50Hz)	1100 (110V~50Hz) 1100 (UK) / 1010 (EU) (230V~50Hz)
Cat. №		**12000030100** (230V EU)	**12000030302** (230V EU)

SPARKY PROFESSIONAL

HEAVYDUTY

			CET						AUTO	4m	
BU2 350	●	○	○	○	○	●	●	●	●	○
BUR2 350E	●	●	○	○	●	●	●	●	●	○
BUR2 350CET	●	○	●	●	●	●	●	●	●	○
BUR2 355CE	●	●	○	○	●	●	●	●	●	●

BUR2 350CET HD PROFESSIONAL

BUR2 355CE HD PROFESSIONAL

Live tool indicator (CET)

These models can be used as well for mixing paint, resin and mortar with paddles with max. Ø140 mm

BUR2 350CET	BUR2 355CE
16 / 10	16 / 10
16 / 10	16 / 10
20 / 13	20 / 13
45 / 20	45 / 20
–	152
250–800 / 625–2000	0–800 / 0–2000
36000	14400 / 36000
2.5–25 / 1–10	–
65	35 (UK) / 65 (EU)
1/2”–20	1/2”–20
3–16	3–16
43	43
Ø8, L=100	Ø8, L=100
3.5	4.1
1010 (230V~50Hz)	1260 (230V~50Hz)
12000030502 (230V EU)	**12000030862** (230V EU) **12021030862** (110V UK) **12020030862** (230V UK)

DIAMOND CORE DRILL SET

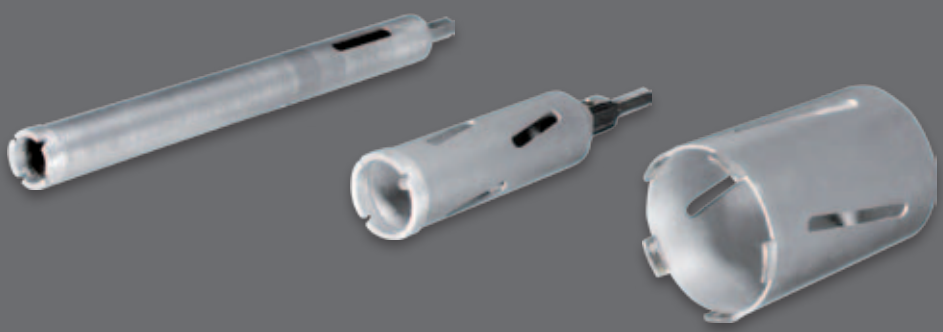
Suitable for brick and masonry

A core drill is a drill specifically designed to remove a cylinder of material.

Diamond core drill bits are commonly used in construction to create holes for pipes and other large diameter holes in concrete or masonary.

They are suitable for all popular building materials such as, cement, masonry, standard house bricks, concrete blocks, breeze blocks, hand made bricks, building blocks and ceramics.

For more information refer to Page 48



SPARKY PROFESSIONAL

HEAVYDUTY

BBK 1100E HD PROFESSIONAL

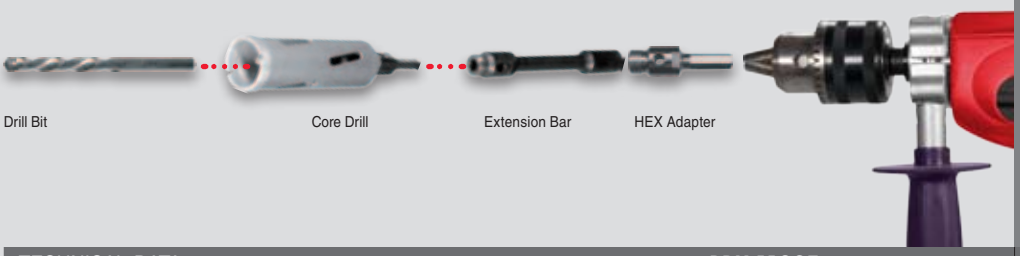
- Electronic speed pre-selection
- Trigger speed control switch
- Synchronised metal 2-speed gears
- Lock-on switch
- Reverse
- High torque
- Magnesium alloy gearbox
- Mechanical safety clutch
- On/Off impact mode switch

BBK 1300CE HD PROFESSIONAL

- Additional electronic clutch from the over-current protection system (Index CE)
- Ergonomic soft-grip handle
- Closed D-handle for additional safety and control
- Auto-stop brushes
- Double insulation

Comes complete with:

Carry case,
Keyed chuck,
Auxiliary handle (BBK 1100E),
Anti-vibration side handle (BBK 1300CE),
Diamond core drill bits: Ø107x150 mm,
Ø52x150 mm, Ø28x300 mm,
Hex adapter Ø12x88 mm,
Extension bar Ø25x200 mm,
Pilot drill bit Ø10x200 mm,
Drift key 8x69 mm



TECHNICAL DATA		BBK 1100E	BBK 1300CE
Drilling capacity in:			
- concrete	mm	16 / 10	16 / 10
- steel	mm	16 / 10	16 / 10
- non-ferrous metals	mm	20 / 13	20 / 13
- wood	mm	45 / 20	45 / 20
Max. core size:	mm	152	152
No load rpm:	min^{-1}	0–800 / 0–2000	0–800 / 0–2000
No load impact rate:	min^{-1}	36000	36000
Max. torque:	Nm	35* / 65	35* / 65
Spindle thread:	UNF	1/2"–20	1/2"–20
Chuck capacity:	mm	3–16	3–16
Journal diameter:	mm	43	43
Max. screw in wood:	mm	Ø8, L=100	Ø8, L=100
Weight:	kg	3.5	4.1
Power input:	W	1100 (110V~50Hz) 1100 (230V~50Hz)	1260 (110V~50Hz) 1260 (230V~50Hz)
Cat. №		**12000030752** (230V EU) **12021030752** (110V UK) **12020030752** (230V UK)	**12000031162** (230V EU) **12021031162** (110V UK) **12020031162** (230V UK)

* UK Version

New

Anti Vibration

HEAVYDUTY

Dual left/right connection of water/air feed pipe

BBK2 1500 HD PROFESSIONAL

BBK3 1500 HD PROFESSIONAL

These power tools are designed for dry and wet drilling with diamond core bits in construction materials like masonry, brick, concrete and stone.

- 2-Speed gearbox (BBK2 1500)
- 3-Speed gearbox (BBK3 1500)
- Metal housing construction
- Lock-on switch
- Safety clutch for the protection of the machine and operator
- Anti-vibration side handle
- 4m Oil and water resistant cable
- Protector (PRCD)
- Water / air feed facility
- Oil-filled gearbox for added protection
- Double insulation

PRCD – portable residual current device

The drill is supplied complete with a fitted PRCD device for added user safety and protection.

Comes complete with:

Carry case, Water feed facility,
Set of spanners - 5 pcs.
(No. 17-19, No. 22, No. 24, No. 28, No. 32),
Hex key, PRCD, Anti-vibration handle,
1/2" – 1/2" adapter, 1/2" – M16 adapter (EU version)

TECHNICAL DATA		BBK2 1500	BBK3 1500
Drilling capacity in:			
- concrete	mm	20–152	10–152
- masonry	mm	20–200	10–200
No load rpm:	min^{-1}	950 / 2100	950 / 2100 / 4200
Spindle thread inner/outer:		G ½" / UNC 1 ¼"	G ½" / UNC 1 ¼"
Journal diameter:	mm	53	53
Water feed system maximum pressure:	Bar	3	3
Weight:	kg	5.6	5.8
Power input:	W	1500	1500
Cat. №		**14000031267** (230V EU) **14021031268** (110V UK)	**14000031367** (230V EU) **14021031368** (110V UK)

DRILL STAND SP 60 (sold separately):

Cat. № 20008711500

- Light and compact stand
- Torsion resistant alloy column
- Feed handle for left or right handed use
- Additional metal feet for better stability
- Bolt down alloy foot
- Height: 840 mm; Width: 170 mm
- Maximum feed: 440 mm
- Weight: 9,6 kg

SPARKY PROFESSIONAL

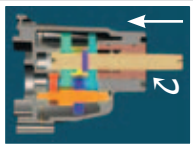
New

HEAVYDUTY

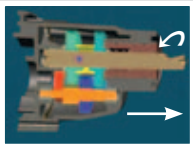
R 10E HD PROFESSIONAL

- High torque, high power motor for reliable results
- Automatic reverse function by pulling back the machine body
- Magnesium alloy gearbox
- Collar for use with drill stands
- Ergonomic soft-grip handle
- Belt clip for convenient work
- Auto-stop brushes
- Double insulation

Reverse



Stroke



Mechanical mechanism for reversing the machine after threading

Self-adjusting two-jaw chuck for taps to compensate for alignment between the hole and thread the spindle position

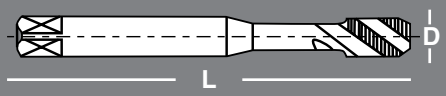
Comes complete with:

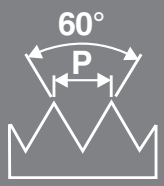
Depth gauge, Auxiliary handle

TECHNICAL DATA		R 10E
Chuck capacity:	mm	M4 – M10
No load rpm:		
- right run	min^{-1}	0–520
- left run	min^{-1}	0–1040
Journal diameter:	mm	43
Weight:	kg	2.2
Power input:	W	450
Cat. №		**12000205200**

SCREW TAPS

A tap cuts threads on the inside of a hole, to accept a machine screw or bolt. Taps can also be used to restore an internal thread that has been damaged or to cut a new, larger thread in the case of severe damage or stripping. Spiral flutes provide efficient chip disposal in brass, copper, aluminium and steel.





For more information refer to Page 44 ›

SPARKY PROFESSIONAL

HEAVYDUTY

BVR 54E • BVR 63E HD PROFESSIONAL

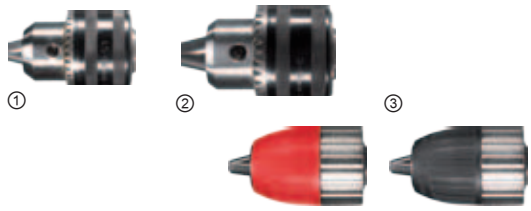
BVR 62E • BVR 64E • BVR 66E PROFESSIONAL

- Electronic speed pre-selection
- Compact, lightweight screwdriver for permanent use (BVR 54/63E)
- Lock-on switch
- Reverse
- Aluminium adjustable depth stop (BVR 62E, BVR 64E, BVR 64E)
- Universal magnetic tool holder
- Removable depth stop
- Magnesium alloy gearbox
- Belt clip
- Ergonomic soft-grip handle
- Auto-stop brushes
- Double insulation

Comes complete with: Aluminium adjustable depth stop

TECHNICAL DATA		BVR 54E	BVR 62E	BVR 63E	BVR 64E	BVR 66E
No load rpm:	min^{-1}	0–4000	0–2500	0–3000	0–4000	0–6000
Tool holder:	mm	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")
Max. torque:	Nm	8	22	10	15	8
Weight:	kg	1.2	1.6	1.2	1.6	1.6
Power Input:	W	450 (230V~50Hz)	705 (110V~50Hz) 705 (230V~50Hz)	450 (230V~50Hz)	705 (110V~50Hz) 705 (230V~50Hz)	705 (110V~50Hz) 705 (230V~50Hz)
Cat. №		**12000205300**	**10000200900** (230V EU) **10111200900** (110V UK) **10110200900** (230V UK)	**12000205400**	**10000201000** (230V EU) **10121201000** (110V UK) **10120201000** (230V UK)	**10000201100** (230V EU) **10111201100** (110V UK) **10110201100** (230V UK)
OPTIONS: Carry case		**12000205350**	**10000200950** (230V EU)	**12000205450**	**10000201050** (230V EU)	**10000201150** (230V EU)

CHUCKS

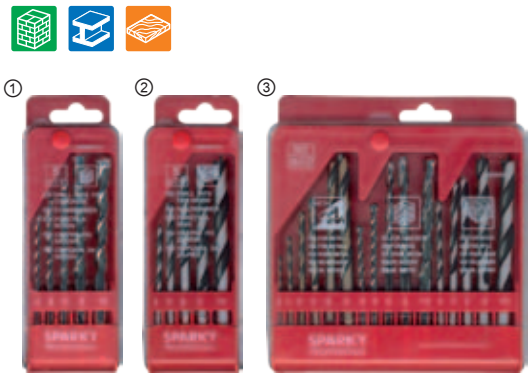


Type	Chuck capacity	Pcs/Pack	Cat. №
① Keyed chuck	1.0–10 mm	1	20009480800
① Keyed chuck	1.5–13 mm	1	20009480100
② Keyed chuck	3.0–16 mm	1	20009480200
③ Keyless chuck	0.8–10 mm	1	20009480300
③ Keyless chuck	1.5–13 mm	1	20009480400

ANTI-VIBRATION HANDLES

Type	Used with	Pcs/Pack	Cat. №
① Steel clamp	BUR 131E; BUR 150E/CET; BU2 160; BUR2 160E; BUR2 200E/201E; BUR2 250E/CET; BUR2 350E/CET; BUR2 355CE; BBK 1100E	1	20009682600
② Extension bar	50 mm long with M14/L12 thread	1	20009681600
② Extension bar	100 mm long with M14/L12 thread	1	20009681900
③ Anti-vibration side handle	Impact drills with M14/L12 thread	1	20009682200

DRILL BIT SETS



Diameter, mm	Pcs/Pack	Cat. №
① For concrete, chrome plated:		
Ø 4, 5, 6, 8, 10	5	20009201214
② For wood, brad point drill bit set:		
Ø 4, 5, 6, 8, 10	5	20009361914
③ Combined drill bit set:		
- for concrete Ø 4, 5, 6, 8, 10 mm; - for metal Ø 2, 3, 4, 5, 6, 8 mm; - for wood Ø 4, 5, 6, 8, 10 mm	16	20009201314
④ For metal, HSS drill bit sets:		
Ø 1.5, 2, 2.5, 3, 3.2, 3.5, 4.0, 4.5, 4.8, 5.0, 5.5, 6, 6.5	13	20009283814
Ø 1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 7.5, 8, 8.5, 9, 9.5, 10	19	20009283914
⑤ For metal, HSS drill bits, trade pack:		
Ø 6	10	20009200109
Ø 8	10	20009200209

MASONRY DRILL BITS

Masonry drill bits:

- Designed for drilling into brick, block, stone, tiles or concrete
- Carbide grade tip for faster penetration and longer bit life
- Hardened carbon steel body
- Spiral flute for dust extraction

Masonry bits typically are used with a hammer drill.
The hammering breaks up the masonry at the drill bit tip, and the rotating flutes carry away the dust.
Rotating the bit also brings the cutting edges onto a fresh portion of the hole bottom with every hammer blow.

Material: HSS 9341

Diameter x total length, mm	Pcs/Pack	Cat. №
Standard version:		
4 x 75	1	20009200000
5 x 85	1	20009200600
6 x 100	1	20009200100
8 x 120	1	20009200200
10 x 120	1	20009200300
12 x 150	1	20009200400
14 x 150	1	20009200500
16 x 150	1	20009204100
Long version for drilling through masonry walls:		
5 x 150	1	20009200700
6 x 200	1	20009200800
8 x 200	1	20009200900
10 x 200	1	20009201000
12 x 250	1	20009201100
6 x 400	1	20009203100
8 x 400	1	20009203200
10 x 400	1	20009203300
12 x 400	1	20009203400
14 x 400	1	20009203500
16 x 400	1	20009203600
HEX shank		
4 x 75	1	20009780000
5 x 85	1	20009780100
6 x 100	1	20009780200
8 x 120	1	20009780300
10 x 120	1	20009780400
12 x 150	1	20009780500

Diameter x total length, mm	Pcs/Pack	Cat. №
Pro Series with black finish – heat resistance as well as corrosion resistance and increases the life of the drill bits:		
8 x 120	1	20009203700
10 x 120	1	20009203800
12 x 150	1	20009203900
14 x 150	1	20009204000

SCREW TAPS

Compatible with thread cutting machine **R 10E**
Material: **HSS**

Dimensions: D x P x L, mm	Pcs/Pack	Cat. №
M 4 x 0.70 x 63	1	20009350000
M 5 x 0.80 x 70	1	20009350100
M 6 x 1.00 x 80	1	20009350200
M 8 x 1.25 x 90	1	20009350300
M 10 x 1.5 x 100	1	20009350400

DRILL NIBBLERS

For all standard drills

Type	Pcs/Pack	Cat. №
① Drill nibbler NP 1,8	1	20009605000
② Drill nibbler NP 1,8L	1	20009605100
③ Set of dies for NP 1,8 / NP 1,8L	1	20009605214
④ Punch for NP 1,8 – 128 mm	1	20009605300
⑤ Punch for NP 1,8L – 200 mm	1	20009605400

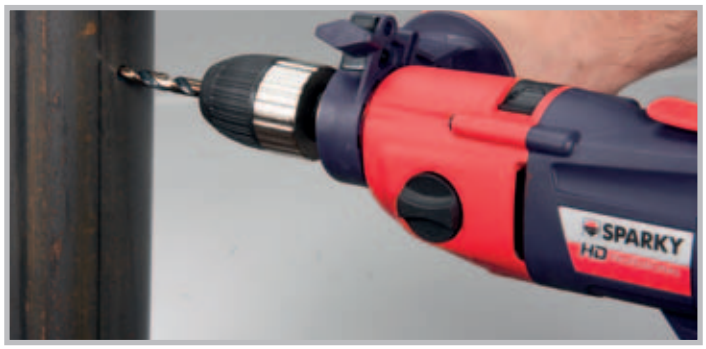
METAL DRILL BITS

Made of premium high speed steel and are suitable for drilling in most types of materials, but are especially designed for drilling into metal.

Due to its increased hardness, the HSS (high speed steel) stands up to the high temperatures caused by metal drilling.

Material: HSS 9341

Diameter x total length, mm	Pcs/Pack	Cat. №
Standard version:		
1.5 x 40	2	20009280401
2.0 x 49	2	20009280501
2.5 x 57	2	20009280601
3.0 x 61	2	20009280701
3.2 x 65	2	20009280801
3.5 x 70	2	20009280901
4.0 x 75	1	20009280000
4.2 x 75	1	20009281000
4.5 x 80	1	20009281100
4.8 x 86	1	20009281200
5.0 x 86	1	20009281300
5.5 x 93	1	20009281400
6.0 x 93	1	20009280100
6.5 x 101	1	20009281500
8.0 x 117	1	20009280200
8.5 x 117	1	20009281600
9.0 x 125	1	20009281700
9.5 x 125	1	20009281800
10.0 x 133	1	20009280300
11.0 x 142	1	20009281900
12.0 x 151	1	20009282000
13.0 x 151	1	20009282100



Diameter x total length, mm	Pcs/Pack	Cat. №
Long version, DIN340:		
2.0 x 85	2	20009282201
2.5 x 95	2	20009282301
3.0 x 100	2	20009282401
3.2 x 106	2	20009282501
3.5 x 112	2	20009282601
4.0 x 119	1	20009282700
4.2 x 119	1	20009282800
4.5 x 126	1	20009282900
4.8 x 132	1	20009283000
5.0 x 132	1	20009283100
5.5 x 139	1	20009283200
6.0 x 139	1	20009283300
6.5 x 148	1	20009283400
8.0 x 165	1	20009283500
9.0 x 175	1	20009283600
10.0 x 184	1	20009283700

Cobalt - are made of solid cobalt alloyed high speed steel with high temperature and abrasion resistance (HSS 9341 - Co).
They stay cooler than HSS bits and are suitable for drilling in high tensile steels like stainless steel, cast iron, cast steel, bronze and weld seams.

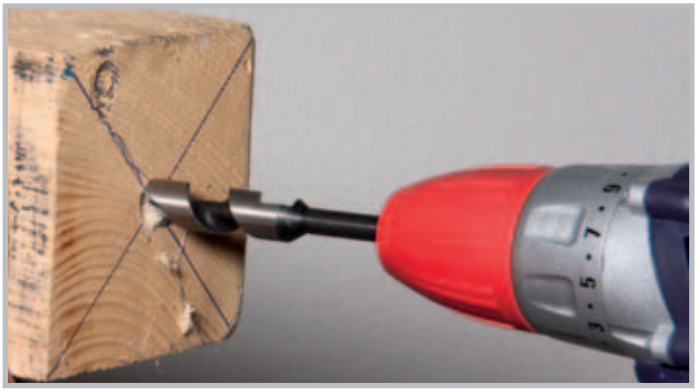
2.0 x 49	2	20009284001
2.5 x 57	2	20009284101
3.0 x 61	2	20009284201
3.2 x 65	2	20009284301
3.5 x 70	2	20009284401
4.0 x 75	1	20009284500
4.2 x 75	1	20009284600
4.5 x 80	1	20009284700
4.8 x 86	1	20009284800
5.0 x 86	1	20009284900
5.5 x 93	1	20009285000
6.0 x 93	1	20009285100
6.5 x 101	1	20009285200
8.0 x 117	1	20009285300
8.5 x 117	1	20009285400
9.0 x 125	1	20009285500
10.0 x 133	1	20009285600

WOOD DRILL BITS

Material: carbon steel 45.

Diameter x total length, mm	Pcs/Pack	Cat. №
Wood Auger Bits – designed for drilling deep smooth clean holes in wood. Screw point at the tip of bit provides better hole location and self feeds bit into wood for easier drilling.		
6 x 230	1	20009360000
8 x 230	1	20009360100
10 x 230	1	20009360200
12 x 230	1	20009360500
14 x 460	1	20009360600
16 x 460	1	20009360700
18 x 460	1	20009360800
20 x 460	1	20009360900
22 x 460	1	20009361000
25 x 460	1	20009361100
28 x 460	1	20009361200
30 x 460	1	20009361300
32 x 460	1	20009361400
35 x 460	1	20009361500
Brad Point – also known as "W-point tip". It which allows the outside cutting edges of the drill to cut the diameter of the hole before the center breaks through. The sharp point of the spur simply pushes into the soft wood to keep the drill bit in line. This results in a very clean hole. Suitable for drilling in wood and plastics.		
6 x 90	1	20009361600
8 x 110	1	20009361700

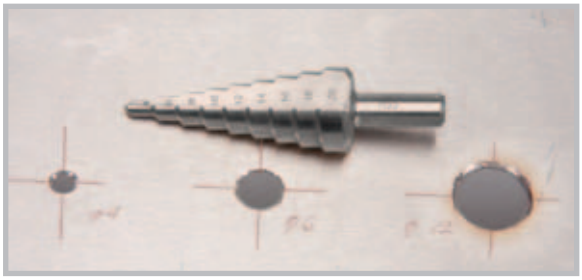
Diameter x total length, mm	Pcs/Pack	Cat. №
Wood drill bits Spade – expanded brad point tip with angle spurs for a cleaner hole. Used mainly for drilling large holes in wood. The bit will cut a clean and deep, flat bottomed holes. The single spur cuts and defines the edge of the hole while the chisel-like cutting edge removes the waste within the previously cut circle.		
10 x 120	1	20009361800
10 x 150	1	20009440000
12 x 150	1	20009440200
14 x 150	1	20009440300
16 x 150	1	20009440400
18 x 150	1	20009440500
20 x 150	1	20009440600
22 x 150	1	20009440700
25 x 150	1	20009440100
30 x 150	1	20009440800
32 x 150	1	20009440900
35 x 150	1	20009441000
40 x 150	1	20009441100
45 x 150	1	20009441200
50 x 150	1	20009441300
55 x 150	1	20009441400
Spade bit set		
14, 16, 18, 20, 22, 25, 30 mm; extension rod 300 mm, spanner	9	20009441514
Extension rod 300 mm	1	20009441600



STEP DRILL BITS

Step Drill Bits these bits are designed with the capacity to drill multiple hole sizes with one drill bit. The bit diameter of these bit types increases from the tip in specific increments following a stair-step profile – like a pyramid, each tier of the bit drills a hole with a different, larger diameter.

Application: drilling and enlarging holes in metal sheet and various other materials.



Material: HSS 4341

Size, mm	Steps	Step diameter, mm	Shank, mm	Total length, mm	Pcs/Pack	Cat. №
4–12	5	Ø 4/6/8/10/12	6	65	1	20009284200
4–20	9	Ø 4/6/8/10/12/14/ 16/18/20	8	75	1	20009284300
4–30	14	Ø 4/6/8/10/12/14/16/18/20/22/24/26/28/30	10	100	1	20009284400
Step Drill Bit Set						
4–12 mm, 4–20 mm, 4–30 mm					3	20009284714

HEAVY DUTY PREMIUM QUALITY

- Designed for professional use
- More efficient stock removal

Material: HSS M2

Size, mm	Steps	Step diameter, mm	Shank, mm	Total length, mm	Pcs/Pack	Cat. №
4–12	5	Ø 4/6/8/10/12	6	65	1	20008284200
4–20	9	Ø 4/6/8/10/12/14/ 16/18/20	8	75	1	20008284300
4–30	14	Ø 4/6/8/10/12/14/16/18/20/22/24/26/28/30	10	100	1	20008284400
Step Drill Bit Set						
4–12 mm, 4–20 mm, 4–30 mm					3	20008284714

DRILL BITS FOR CERAMIC

SPARKY ceramic drill bits utilize durable hard carbide tip with best concentricity tolerance to provide professional results in drilling operations. High quality carbide tip prevents bit cracking and provide longer life-span.

Shank material: Carbon steel 45.
Tip material: Tungsten Carbide YG6X

Diameter x total length, mm	Pcs/Pack	Cat. №
4 x 70	1	20009920700
5 x 70	1	20009920800
6 x 80	1	20009920900
8 x 80	1	20009921000
10 x 90	1	20009921100
12 x 90	1	20009921200

DRILL BITS FOR GLASS

SPARKY glass bits have a chromated surface and a spade-shaped carbide point with specially ground carbide tip.
The thinned chisel edge facilitates precise drilling of pilot holes.

Shank material: Carbon steel 45.
Tip material: Tungsten Carbide YG6X

Diameter x total length, mm	Pcs/Pack	Cat. №
3 x 65	1	20009920000
4 x 65	1	20009920100
5 x 65	1	20009920200
6 x 65	1	20009920300
8 x 70	1	20009920400
10 x 80	1	20009920500
12 x 90	1	20009920600

DIAMOND CORE DRILL BITS

Attention: Only use core drills on machines fitted with a safety clutch!

Type	Size	Pcs/Pack	Cat. №
① Core drill	Ø52 x 150 mm	1	20009490400
② Core drill	Ø76 x 150 mm	1	20009490300
③ Core drill	Ø107 x 150 mm	1	20009490200
④ Core drill	Ø127 x 150 mm	1	20009490100
⑤ Extension bar	L=200 mm	1	20009490500
⑥ Pilot drill bit	Ø10 x 200 mm	1	20009490600
⑦ Hex adapter		1	20009491100
⑧ Diamond core drill bit set ▪ Core drill bits: - Ø107 x 150 mm - Ø52 x 150 mm - Ø28 x 300 mm ▪ Hex adapter Ø12 x 88 mm ▪ Extension bar Ø25 x 200 mm ▪ Pilot drill bit Ø10 x 200 mm ▪ Drift key 8 x 69 mm		7	20009490014

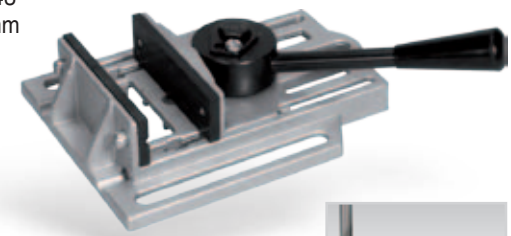
VICE STAND – CE 60

- Fixing clamp capacity: 53 mm
- Fixing clamp depth: 35 mm
- Jaw width: 76 mm
- Jaw capacity: 58 mm
- Weight: 0.79 kg

Pcs/Pack	Cat. №
1	20009700900

VICE – CE 100

- For stable clamping of the work piece in drill stand SP 43
- Jaw width: 100 mm
- Jaw capacity: 100 mm
- Clamping size: 125 mm
- Weight: 1.5 kg



Pcs/Pack	Cat. №
1	20009680900

DRILL STAND – SP 50

- Bracket capacity: Ø50 mm
- Jaw capacity: 55 mm
- Throat depth: 30 mm
- Weight: 0.5 kg

Pcs/Pack	Cat. №
1	20009706600

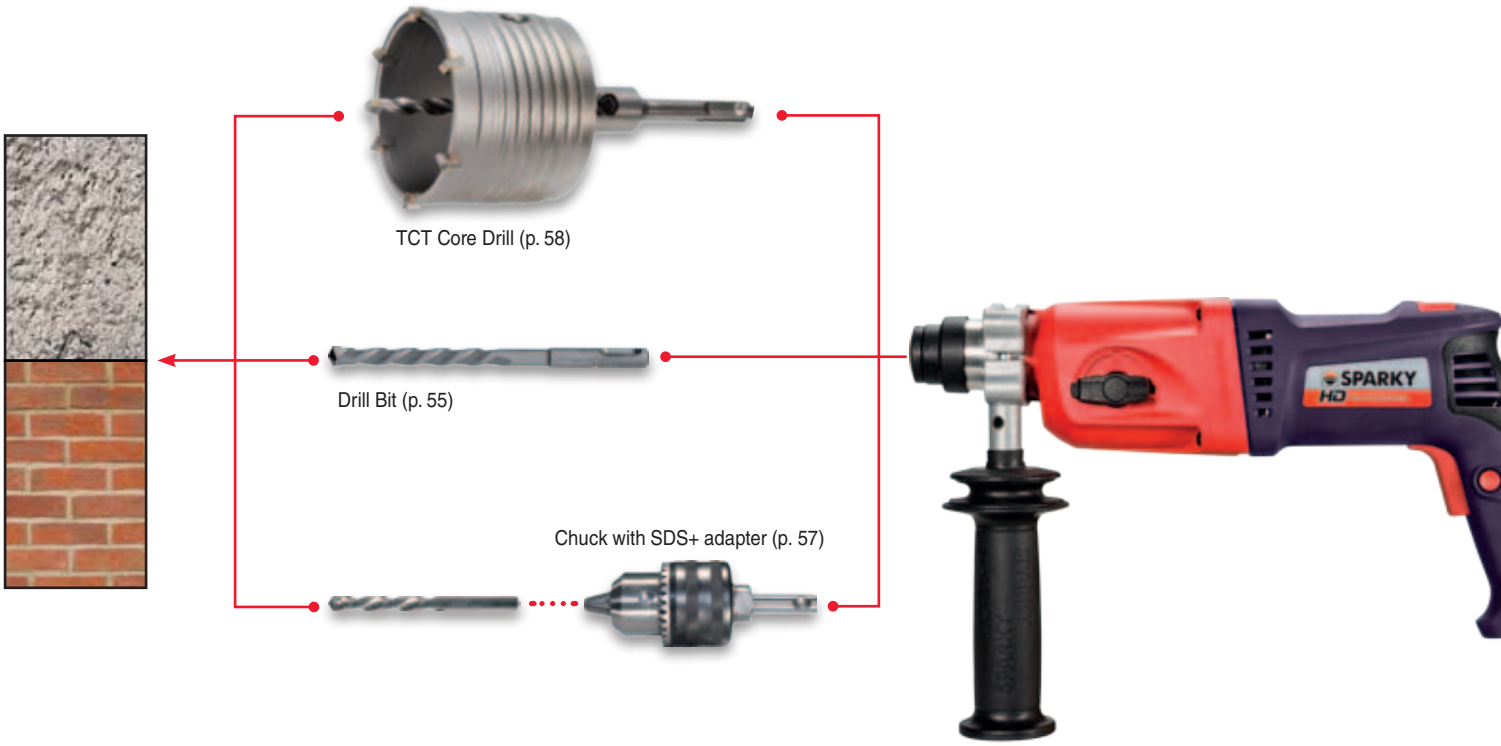
DRILL STAND – SP 43

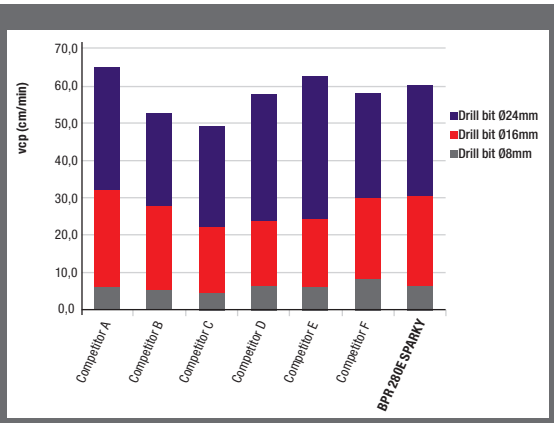
- Stable performance with cast-iron table
- For all drill types with 43 mm attachment journal, weight up to 3kg and power input up to 1010 W
- Operating stroke when drilling: 70 mm
- Distance between the drill bit axis: 125 mm
- Table dimensions: 160x160 mm
- Height: 550 mm
- Weight: 6 kg

Pcs/Pack	Cat. №
1	20009681000

SPARKY PROFESSIONAL

High-power, High-efficiency Motors with Advanced Anti-vibration Technology





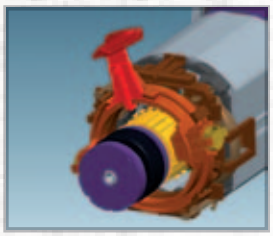
Our rotary hammers are designed for a wide variety of different uses. The current range covers several classes of hammers from 2–8 kg

The High Power Mode in the hammer drills upper range, gives increased impact action. The electronic system is equipped with speed pre-selection control (E) and with increased impact rate/energy (CE). The Anti-vibration system keeps vibration to a minimum with elastic suspension of the handles.

Wide range of accessories including Drill bits, chisels and spades with SDS+, SDS Max and Hex devices. Industry standard fitting for SPARKY and all other professional machines.

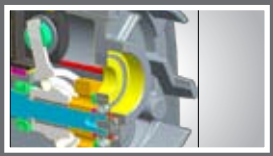
SPARKY PROFESSIONAL

BPR 220E	●	○	●	●	●	●	●	●
BPR 240E	●	○	●	●	●	●	●	●
BPR 240CE	●	●	○	●	●	●	●	●
BPR 260E	●	○	●	●	●	●	●	●
BPR 260CE	●	●	○	●	●	●	●	●
BPR 280CE	●	●	○	●	●	●	●	●



Anti Vibration

HEAVYDUTY



Sealing between the box and the shield

Sealing with an O-ring between the gearbox and the motor housing for improved serviceability.

Percussion mechanism with increased impact energy

Safety clutch with improved reliability.

TECHNICAL DATA		BPR 220E	BPR 240E	BPR 240CE	BPR 260E	BPR 260CE	BPR 280CE
Drilling capacity in: - concrete / steel / wood:	mm	22 / 13 / 30	24 / 13 / 30	24 / 13 / 30	26 / 13 / 30	26 / 13 / 30	28 / 13 / 30
- core bits in masonry up to:	mm	68	68	68	68	68	68
No load rpm:	min^{-1}	0–1000	0–1050	0–900	0–1150	0–900	0–1000
Rated rpm:	min^{-1}	0–700	0–840	0–830	0–830	0–830	0–920
No load impact rate:	min^{-1}	0–4700	0–4800	0–4100	0–5200	0–4100	0–4700
Rated impact rate:	min^{-1}	0–3300	0–3900	0–3850	0–3850	0–3850	0–4280
Impact energy (EPTA-Procedure 05/2009):	J	2.3	2.8	3.0	3.0	3.2	3.4
Max. torque:	Nm	52	60	60	65	73	82
Drill bit connection:		SDS+	SDS+	SDS+	SDS+	SDS+	SDS+
Chuck capacity:	mm	1.5–13	1.5–13	1.5–13	1.5–13	1.5–13	1.5–13
Journal diameter:	mm	43	43	43	43	43	43
Weight:	kg	2.7	2.8	2.9	2.8	2.9	2.9
Power input:	W	650 (230V~50Hz)	720 (230V~50Hz)	750 (230V~50Hz)	800 (110V~50Hz) 800 (230V~50Hz)	900 (230V~50Hz)	1010 (230V~50Hz)
Comes complete with: Carry case, Anti-vibration side handle, Depth gauge, Keyed chuck with adapter		**12000040964**	**12000041064**	**12000041164**	**12000041264** (230V EU) **12021041164** (110V UK) **12020041164** (230V UK)	**12000041364**	**12000041464**

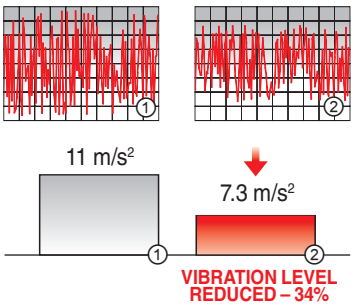
Pneumatic hammer mechanism
High efficiency due to computer optimization of the pneumatic hammer mechanism.
Impact energy – 4.2J

Two mode settings:
Hammer drilling and chiseling.
A third mode setting – Drilling can be achieved by using a chuck with SDS+ adapter (Cat. № 20009480700)

Full vibro-insulation is achieved by: Elastic suspension of the rear and side handle to the gear box. The rear handle has a softgrip for added comfort and control.

Trigger switch
Soft start

Average value using tri-axle measurement with Standard side handle ① and new SPARKY Anti-vibration side handle ② with BP 330CE



High reliability motor. Dust protected bearings

Electronic device with soft start, speed pre-selector and variable tacho-controlled constant electronics maintaining constant RPM regardless of the load

LED indicators:
- Overload indicator;
- 8 hour brush wear out indicator;
- Speed regulator position A – F;
- "High Power" mode - postion G

SPARKY PROFESSIONAL

HEAVYDUTY

Anti Vibration

Two mode settings

BP 330CE HD PROFESSIONAL

- Rotary hammer class “4 kg” with SDS+
- Two mode settings: Hammer drilling and Chiseling
- Electronic speed pre-selection
- Unique “High Power” mode up to 4.2J
- Anti-vibration system on rear and side handle
- Safety clutch
- Magnesium alloy gearbox
- Auto-stop brushes
- Double insulation
- Constant electronics with soft start
- LED overload indicator
- LED 8 hour brush wear out indicator

For more information about drill bits and chisels refer to Page 56-58

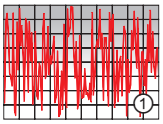
Comes complete with: Carry case, Anti-vibration Auxiliary handle, Depth gauge, Tube of grease, Cloth

TECHNICAL DATA		BP 330CE
Drilling capacity in concrete / steel / wood:	mm	30 / 13 / 30
Core bits (TCT cutter only) in masonry up to:	mm	80
No load rpm:	min^{-1}	380–690
No load rpm in "High Power":	min^{-1}	750
No load impact rate:	min^{-1}	1640–2970
Impact rate in "High Power":	min^{-1}	3230
Impact energy (EPTA-Procedure 05/2009):	J	3.3
Impact energy in "High Power" (EPTA-Procedure 05/2009):	J	4.2
Max. Torque:	Nm	60
Drill bit connection:		SDS+
Weight:	kg	3.9
Power input:	W	900 (110V~50Hz); 900 (230V~50Hz)
Cat. №		**12000050350** (230V EU); **12021050350** (110V UK); **12020050350** (230V UK)

Anti Vibration

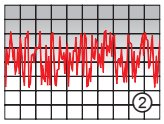
Average value using tri-axle measurement with Standard side handle ① and new SPARKY Anti-vibration side handle ② with BP 540CE

1. Before fitting:



13.5 m/s²

2. After fitting:

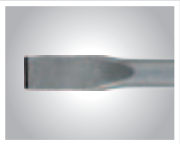


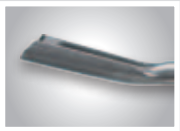
9 m/s²

VIBRATION LEVEL REDUCED – 35%

BP 540CE HD PROFESSIONAL

- Rotary hammer class "6 kg" with SDS Max
- Two mode settings: Hammer drilling and Chiselling
- Electronic speed pre-selection
- Constant electronics with soft start
- Unique "High Power" mode up to 8.7J
- Anti-vibration system on rear and side handle
- Safety clutch
- Magnesium alloy gearbox
- LED overload indicator
- LED 8 hour brush wear out indicator
- Auto-stop brushes
- Double insulation





For more information about drill bits and chisels refer to **Page 56-58**

Comes complete with: Carry case, Anti-vibration Auxiliary handle, Depth gauge, Tube of grease, Cloth

TECHNICAL DATA		BP 540CE
Drilling capacity in concrete:	mm	40
Core bits (TCT cutter only) in masonry up to:	mm	90
No load rpm:	min^{-1}	200–325
No load rpm in "High Power":	min^{-1}	350
No load impact rate:	min^{-1}	1900–3050
Impact rate in "High Power":	min^{-1}	3300
Impact energy (EPTA-Procedure 05/2009):	J	7.6
Impact energy in "High Power" (EPTA-Procedure 05/2009):	J	8.7
Max. Torque:	Nm	95
Drill bit connection:		SDS Max
Weight:	kg	6
Power input:	W	1010 (110V~50Hz); (230V~50Hz)
Cat. №		**12000050152** (230V EU); **12021050152** (110V UK); **12020050152** (230V UK)

HEAVYDUTY

SPARKY PROFESSIONAL

BP 860CE HD PROFESSIONAL

- Rotary hammer class "8 kg" with SDS Max
- Two mode settings: Hammer drilling and Chiselling
- Electronic speed pre-selection
- Constant electronics with soft start
- High efficiency due to computer optimization of the pneumatic hammer mechanism
- Unique "High Power" mode up to 12J
- Anti-vibration system on rear and side handle
- Safety clutch
- LED overload indicator
- LED 8 hour brush wear out indicator
- Auto-stop brushes
- Double insulation

Anti-vibration system on rear handle

Two mode settings

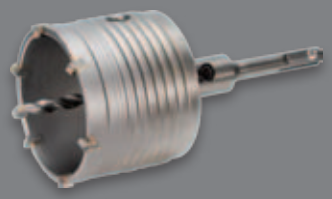
SDS Max to SDS+ Adapter

Refer to Page 57

Comes complete with:
Carry case, Anti-vibration auxiliary handle, Depth gauge, Tube of grease, Cloth

TECHNICAL DATA		BP 860CE
Drilling capacity in concrete:	mm	52
Core bits (TCT cutter only) in masonry up to:	mm	140
No load rpm:	min^{-1}	120–250
No load rpm in "High Power":	min^{-1}	280
No load impact rate:	min^{-1}	1170–2435
Impact rate in "High Power":	min^{-1}	2800
Impact energy (EPTA-Procedure 05/2009):	J	10
Impact energy in "High Power" (EPTA-Procedure 05/2009):	J	12
Max. Torque:	Nm	140
Drill bit connection:		SDS Max
Weight:	kg	8
Power input:	W	1400 (230V~50Hz)
Cat. №		**12000050652**

TCT CORE DRILL BITS FOR SDS+ / SDS MAX DEVICES



- Tungsten carbide teeth and thin-wall construction for efficient drilling and reduced drag
- Allowing large holes to be drilled without machine overload
- For masonry, natural stone and limestone
- Use hammer action for faster drilling
- Pilot drill for easy alignment

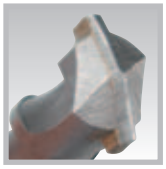
For more information refer to Page 58

DRILL BITS FOR USE WITH SDS+ DEVICES

DRILL BITS

Material: 40Cr, Carbide tip

- Designed for regular trade use in various types of materials
- Concrete, masonry, brick and stone
- Suitable for all rotary hammer drills with an SDS+ fitting



Diameter x total length, mm	Pcs/Pack	Cat. №
4 x 110	1	20009000000
6 x 110	1	20009000900
8 x 110	1	20009001000
10 x 110	1	20009001100
5 x 160	1	20009000100
6 x 160	1	20009000200
8 x 160	1	20009000300
10 x 160	1	20009000400
12 x 160	1	20009000500
6 x 210	1	20009001200
8 x 210	1	20009001300
10 x 210	1	20009001400
12 x 210	1	20009001500
16 x 210	1	20009001600
6.5 x 260	1	20009005100
8 x 260	1	20009001700
10 x 260	1	20009001800
12 x 260	1	20009001900
12 x 310	1	20009002000
14 x 310	1	20009002100
16 x 310	1	20009002200
18 x 310	1	20009002300
20 x 310	1	20009002400
12 x 350	1	20009002500
16 x 350	1	20009002600
18 x 350	1	20009002700
12 x 460	1	20009002800
14 x 460	1	20009002900
16 x 460	1	20009003000
18 x 460	1	20009003100
20 x 460	1	20009003200
22 x 460	1	20009003300
12 x 600	1	20009003400
14 x 600	1	20009003500
16 x 600	1	20009003600
18 x 600	1	20009003700
20 x 600	1	20009003800
22 x 600	1	20009003900
16 x 800	1	20009004000
18 x 800	1	20009004100
20 x 800	1	20009004200
22 x 800	1	20009004300
18 x 1000	1	20009004400
20 x 1000	1	20009004500
22 x 1000	1	20009004600

DRILL BITS 2S

HEAVY DUTY PREMIUM QUALITY

Material: 40Cr, Carbide tip

- Two tungsten carbide cutting edges for effective drilling
- Long service life
- Quiet, low vibration drilling for user protection
- High flexible drill shaft for added safety
- Special designed tips to ensure easy starting and centering
- Special hardening achieved by high-temperature soldering and shot-blasting technology

Diameter x total length, mm	Pcs/Pack	Cat. №
5 x 110	1	20008000000
6 x 110	1	20008000900
8 x 110	1	20008001000
10 x 110	1	20008001100
5 x 160	1	20008000100
6 x 160	1	20008000200
8 x 160	1	20008000300
10 x 160	1	20008000400
12 x 160	1	20008000500
6 x 210	1	20008001200
8 x 210	1	20008001300
10 x 260	1	20008001800

DRILL BITS 3S

HEAVY DUTY PREMIUM QUALITY

- Impeller cutting edge with 3 blades for highly efficient material removal
- Suitable for reinforced concrete and natural stone
- Extra long service life
- Triple spiral cutter for low vibration

Diameter x total length, mm	Pcs/Pack	Cat. №
5 x 110	1	20008005400
6 x 110	1	20008005500
8 x 110	1	20008005600
10 x 110	1	20008005700
5 x 160	1	20008005800
6 x 160	1	20008005900
8 x 160	1	20008006000
10 x 160	1	20008006100
12 x 160	1	20008006200
6 x 260	1	20008006300
8 x 260	1	20008006400
10 x 260	1	20008006500

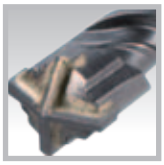
DRILL BIT SETS

Diameter x length, mm	Pcs/ Pack	Cat. №
① Metal box set:		
5, 6, 8 x 110; 6, 8, 10, 12 x 160	7	20009004814
② Plastic cassette:		
6, 8 x 110; 6, 8, 10 x 160	5	20009004714

DRILL BITS FOR USE WITH SDS Max DEVICES

DRILL BITS

Material: 40Cr, Carbid tip



- Designed for regular trade use in various types of materials
- Concrete, masonry, brick and stone
- Symmetrical head design of the main and auxiliary cutters
- Additional auxiliary cutters protect the drill bit on contact with steel reinforcement
- Suitable for all rotary hammer drills with an SDS Max fitting

Diameter x total length, mm	Pcs/Pack	Cat. №
16 x 370	1	20009100600
18 x 370	1	20009100700
20 x 370	1	20009100800
22 x 370	1	20009100900
28 x 370	1	20009101000
16 x 570	1	20009101100
18 x 570	1	20009101200
20 x 570	1	20009101300
22 x 570	1	20009101400
24 x 570	1	20009101500
28 x 570	1	20009101600
30 x 570	1	20009101700
32 x 570	1	20009101800
34 x 570	1	20009101900
28 x 690	1	20009102000
30 x 690	1	20009102100
35 x 690	1	20009102200
20 x 920	1	20009102300
22 x 920	1	20009102400
25 x 920	1	20009102500
28 x 920	1	20009102600
30 x 920	1	20009102700
32 x 920	1	20009102800
35 x 920	1	20009102900
38 x 920	1	20009103000
40 x 920	1	20009103100
22 x 1320	1	20009103200
25 x 1320	1	20009103300
32 x 1320	1	20009103400

DRILL BITS 2S

HEAVY DUTY PREMIUM QUALITY

- Two tungsten carbide cutting edges for for effective drilling
- Long service life
- Broad spiral shape ensures good drilling progress
- Quiet, low vibration drilling for user protection
- High flexible drill shaft for added safety
- Special designed tips to ensure easy starting and centering
- Special hardening achieved by high-temperature soldering and shot-blasting technology

Diameter x total length, mm	Pcs/Pack	Cat. №
16 x 340	1	20008100600
16 x 540	1	20008101100
18 x 540	1	20008101200
20 x 520	1	20008101300
22 x 520	1	20008101400
24 x 520	1	20008101500
28 x 520	1	20008101600
20 x 920	1	20008102300
25 x 920	1	20008102500
30 x 520	1	20008102100
35 x 520	1	20008102900

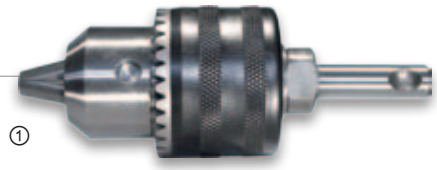
DRILL BITS 3S

HEAVY DUTY PREMIUM QUALITY

- Impeller cutting edge with 3 blades for highly efficient material removal
- Suitable for reinforced concrete and natural stone
- Extra long service life
- Triple spiral cutter for low vibration

Diameter x total length, mm	Pcs/Pack	Cat. №
16x340	1	20008103500
16x540	1	20008103600
18x540	1	20008103700
20x520	1	20008103800
22x520	1	20008103900
24x520	1	20008104000
28x520	1	20008104100
30x720	1	20008104200
20x920	1	20008104300
25x920	1	20008104400
35x720	1	20008104500

KEYED CHUCK WITH ADAPTER FOR SDS+ DEVICES

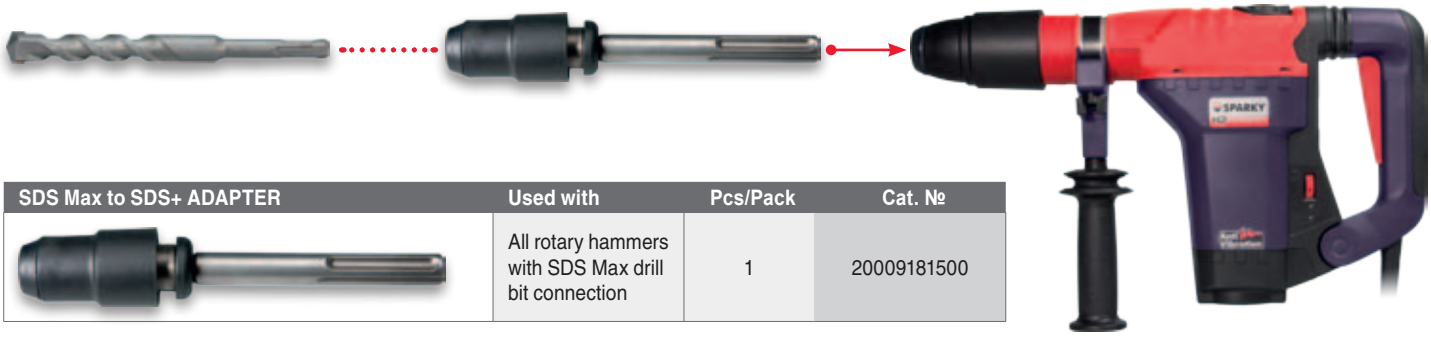


①

②

Item	Chuck capacity	Used with	Pcs/ Pack	Cat. №
① Chuck with SDS+ adapter	1.5–13 mm	All rotary hammers with SDS+ drill bit connection	1	20009480700
② SDS+ adapter only	–	Standard chucks	1	20009480600

SDS Max TO SDS+ ADAPTER



SDS Max to SDS+ ADAPTER	Used with	Pcs/Pack	Cat. №
	All rotary hammers with SDS Max drill bit connection	1	20009181500

CHISELS FOR USE WITH SDS+ DEVICES

Material: 45SiCrV6

- Designed for regular trade use in various types of materials
- Concrete, masonry, brick and stone
- Suitable for all rotary hammer drills with an SDS+ fitting

①

②

③

④

⑤

Type	Width x total length, mm	Pcs/Pack	Cat. №
① Point Chisel	250	1	20009080000
② Flat Chisel	20 x 250	1	20009080100
③ Spade Chisel	40 x 250	1	20009080200
④ Grooving Chisel	22 x 250	1	20009080300
⑤ Tile Chisel (angled)	40 x 250	1	20009080400

HEAVY DUTY **PREMIUM QUALITY**

- Very effective power transmission due to the improved chisel hardness: less force is lost on the way from the machine to the work piece
- Regrinding of chisels is possible
- High Durability compared to a standard chisel: up to 30% more efficiency, compared to other chisels

①

②

③

④

⑤

Type	Width x total length, mm	Pcs/Pack	Cat. №
① Point Chisel	250	1	20008080000
② Flat Chisel	20 x 250	1	20008080100
③ Spade Chisel	40 x 250	1	20008080200
④ Grooving Chisel	22 x 250	1	20008080300
⑤ Tile Chisel (angled)	40 x 250	1	20008080400

CHISELS FOR USE WITH SDS MAX DEVICES

Material: 45SiCrV6

- Designed for regular trade use in various types of materials
- Concrete, masonry, brick and stone
- Suitable for all rotary hammer drills with an SDS Max fitting

Type	Diameter x total length, mm	Pcs/Pack	Cat. №
① Point Chisel	280	1	20009180000
① Point Chisel	400	1	20009180800
② Flat Chisel	25 x 280	1	20009180100
② Flat Chisel	25 x 400	1	20009180900
③ Spade Chisel	40 x 280	1	20009180200
③ Spade Chisel	40 x 400	1	20009181000
④ Spade Chisel (angled)	40 x 280	1	20009180300
⑤ Grooving Chisel	25 x 400	1	20009181100

HEAVY DUTY **PREMIUM QUALITY**

- Carbide tipped cutting edge that stays sharper longer
- Sandblasted finishing strengthens the body of the drill bit in surface and guarantees good flexibility
- Strengthened drill bit body reduces vibrations during drilling
- Advanced chiseling process with controlled dust removal

Type	Diameter x total length, mm	Pcs/Pack	Cat. №
① Point Chisel	280	1	20008181200
① Point Chisel	400	1	20008180800
② Flat Chisel	25 x 280	1	20008181300
② Flat Chisel	25 x 400	1	20008180900
③ Spade Chisel (angled)	80 x 300	1	20008180600
④ Grooving Chisel	32 x 300	1	20008180700

TCT CORE DRILL BITS FOR SDS+ DEVICES

Can be used with SDS Max machines with available adapter see Page 57

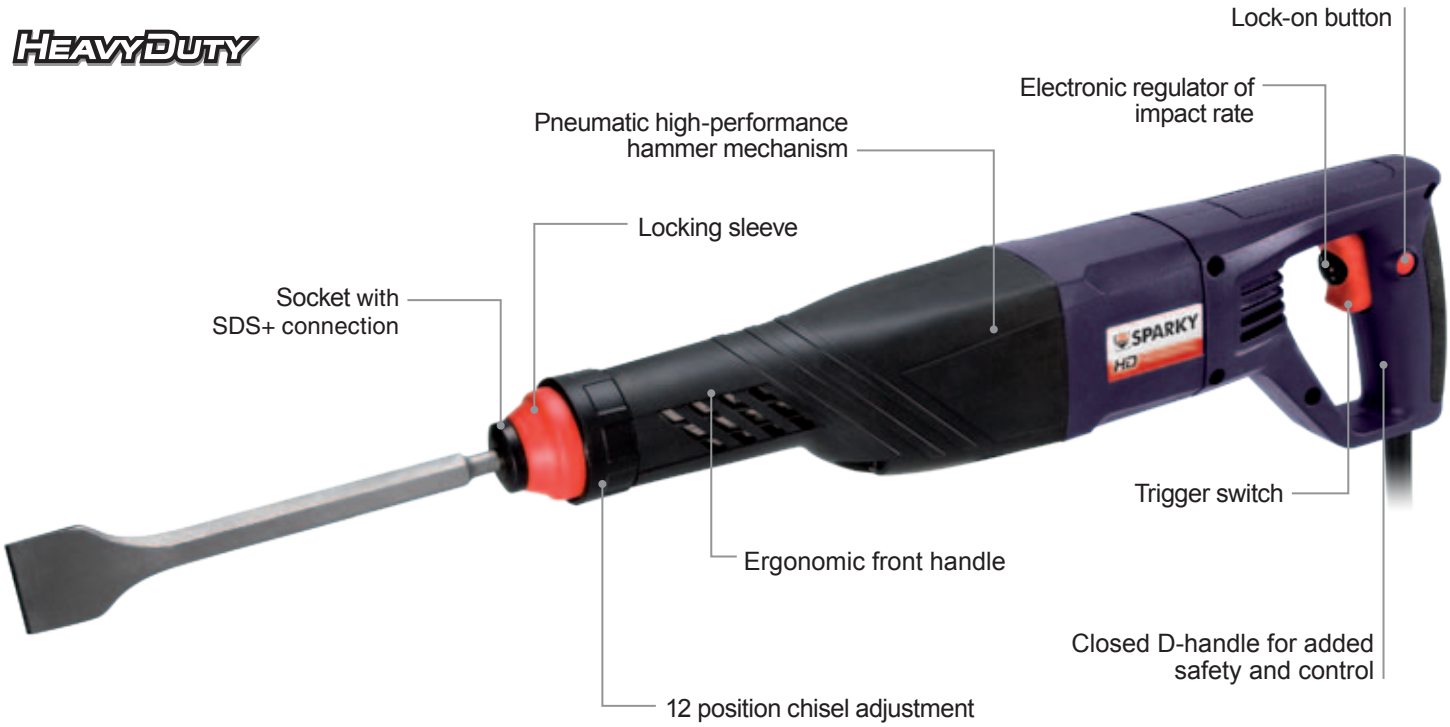
Type	Size	Pcs/Pack	Cat. №
① Core drill	Ø65 x 65 mm	1	20009490800
② Core drill	Ø68 x 65 mm	1	20009490900
③ Core drill	Ø80 x 65 mm	1	20009491000

ANTI-VIBRATION HANDLES	Type	Used with	Pcs/Pack	Cat. №
	① Aluminium clamp	BPR 220E, BPR 240E, BPR 240CE, BPR 260E, BPR 260CE, BPR 261E, BPR 280CE	1	20009681700
	② Extension bar (32.4 mm long)	BPR 220E, BPR 240E, BPR 240CE, BPR 260E, BPR 260CE, BPR 261E, BPR 280CE with M14/L12 thread	1	20009681800
	③ Anti-vibration side handle	BPR 220E, BPR 240E, BPR 240CE, BPR 260E, BPR 260CE, BPR 261E, BPR 280CE with M14/L12 thread	1	20009682200
	③ Anti-vibration side handle	BP 330CE, BP 540CE and BP 750CE with M8/L30 thread	1	20009682400

K 306E HD PROFESSIONAL

LIGHT, COMPACT CHISELING HAMMER

HEAVYDUTY



Comes complete with:
Carry case, Flat chisel, Point chisel

TECHNICAL DATA		K 306E
No load impact rate (ipm):	min^{-1}	0–3200
Impact energy (EPTA-Procedure 05/2009):	J	4.2
Tool holder	mm	SDS+
Chisel positions:		12
Weight:	kg	3.1
Power input:	W	650 (110V~50Hz); (230V~50Hz)
Cat. №	**12000060151** (230V EU); **12121060151** (110V UK); **12120060151** (230V UK)	

SPARKY PROFESSIONAL

HEAVYDUTY

Anti Vibration

K 615CE HD PROFESSIONAL

Anti-vibration system

LED overload indicator
LED 8 hour brush wear out indicator

Chisel position lock

- Demolition/chiseling hammer
- Electronic impact rate pre-selection
- Constant electronics with soft start
- High performance pneumatic hammer mechanism
- 12 position chisel adjustment
- Lock-on switch
- D-side handle for added safety and control
- Anti-vibration system
- Magnesium alloy gearbox
- Auto-stop brushes
- Double insulation

For more information about chisels refer to Page 63 ›

SIDE HANDLE

Pcs/Pack	Cat. №
1	20009710000

Comes complete with:
Carry case, D-side handle, Flat chisel, Point chisel, Grease tube, Cloth

TECHNICAL DATA		K 615CE
No load impact rate (ipm):	min^{-1}	1900–3000
Impact energy (EPTA-Procedure 05/2009):	J	9
Tool holder		SDS Max
Chisel positions:		12
Weight:	kg	6.6
Power input:	W	1300 (230V~50Hz)
Cat. №		**12000060752** (230V EU); **12021060752** (110V UK)

SPARKY PROFESSIONAL

Pneumatic high-performance hammer mechanism

Anti Vibration

K 1640 PROFESSIONAL

- Ergonomic designed housing
- D-side handle for added safety and control
- Lock-on switch
- Metal housing and gearbox
- Auto-stop brushes
- Double insulation

PK 20 ①

Comes complete with:
Carry case with rollers, Side handle, Tine chisel, Flat chisel, Oil tube, Hexagon keys 3, 5 and 6 mm, Special wrench, Screwdriver, Set of brushes

TECHNICAL DATA		K 1640
No load impact rate (ipm):	min^{-1}	1400
Impact energy:	J	40
Tool holder/bit length:	mm	⬡ 30 / 410
Weight:	kg	17
Power input:	W	1500 (110V~50Hz); (230V~50Hz)
Cat. №		**13000060252** (230V EU) **13021060252** (110V UK)

K 2050 PROFESSIONAL

- Anti-vibration Rear Handle

Comes complete with:
Carry case with rollers, Side handle, Tine chisel, Flat chisel, Grease tube, Hexagon keys 4, 5 and 6 mm, Special wrench 1 pc., Screwdriver, Set of brushes

TECHNICAL DATA		K 2050
No load impact rate (ipm):	min^{-1}	1500
Impact energy:	J	50
Tool holder/bit length:	mm	⬡ 28 / 410
Weight:	kg	20
Power input:	W	2000 (110V~50Hz); (230V~50Hz)
Cat. №		**13000060350** (230V EU) **13021060353** (110V UK)

SPARKY PROFESSIONAL

Unique impact mode up to 60J

Anti Vibration

K 3260 PROFESSIONAL

- Robust construction
- Anti-vibration system
- Pneumatic high-performance hammer mechanism
- Ergonomic designed housing and side handles
- Lock-on switch
- Metal housing and gearbox
- Auto-stop brushes
- Double insulation

PK 32 ②

Comes complete with:
Trolley PK 32, Tine chisel, Flat chisel, Grease tube,
Hexagon keys 5, 6, 8 and 12 mm, Special wrench, Set of brushes

TECHNICAL DATA		K 3260
No load impact rate (ipm):	min^{-1}	950
Impact energy:	J	60
Tool holder/bit length:	mm	⬡ 28 / 530
Weight:	kg	32
Power input:	W	2200 (230V~50Hz)
Cat. №		**13000060454**

HAND TROLLEYS

Designed for demolition hammers K 1640, K 2050, K 3260

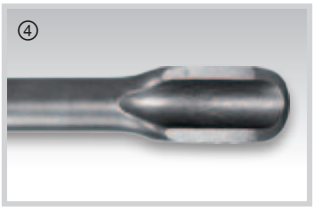
Model	Pcs/Pack	Cat. №
① PK 20	1	20009701400
② PK 32	1	20009706200

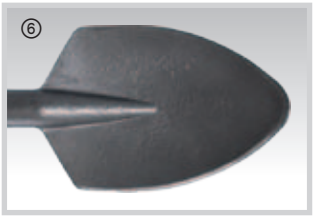
SPARKY PROFESSIONAL

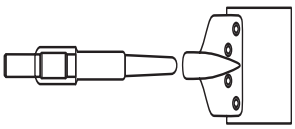
These tools are used in a broad range of applications including road construction, pavement work, bridge construction, utility installation, demolition and a variety of maintenance functions.

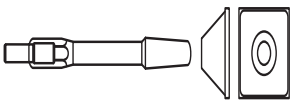
Made of toughened steel with special surface treatment that improves performance by adding more wear resistancy, which extends the life of the tool.

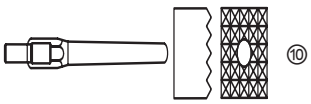
① **Tine Chisels:** Starting holes in concrete slabs, general chipping and breaking
② **Flat Chisels:** General chipping and breaking in Concrete and Masonry
③ **Spade Chisels:** Removing Tiles, Flooring and Other Materials
④ **Groove Chisel:** Cutting Narrow Channels in Concrete
⑥ **Tine Spades:** Clay and Other Rock-Free Soil Cutting
⑦ **Square Spades:** Used for digging in soil/clay and hard-packed gravel
⑧ **Large Flat Spades:** For Asphalt, Clay and compacted Soil
⑨ **Tamping Plates:** Tamping down and compacting materials quickly
⑩ **Bush Hammers:** For removing excess Concrete and Asphalt











Used with **K 512**. Connection type: **17 HEX**

Type	Width x total length, mm	Pcs/Pack	Cat. №
① Tine Chisel	280	1	20009461200
② Flat Chisel	25 x 280	1	20009461300
③ Spade Chisel	50 x 280	1	20009461400
④ Groove Chisel	280	1	20009461600
⑤ 4 pcs. Set	280	4	20009461714
⑥ Tine Spade	106 x 500	1	20009461500

Used with **K 1640**. Connection type: **30 HEX**

Type	Width x total length, mm	Pcs/Pack	Cat. №
① Tine Chisel	410	1	20009460000
② Flat Chisel	40 x 410	1	20009460100
③ Spade Chisel	50 x 410	1	20009460200
④ Groove Chisel	410	1	20009460300
⑤ 4 pcs. Set	410	4	20009460403
⑥ Tine Spade	135 x 410	1	20009460500
⑦ Square Spade	110 x 410	1	20009460600
⑧ Large flat spade with 30 Hex shank	170 x 150	1	20009460700
⑨ Tamping plate with 30 Hex shank	150 x 150	1	20009460800
⑩ Bush hammer head with 30 Hex shank	60 x 60	1	20009460900

Used with **K 2050** and **K 3260**. Connection type: **28 HEX**

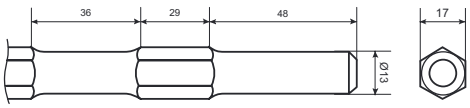
Type	Width x total length, mm	Pcs/Pack	Cat. №
① Tine Chisel	410	1	20009465000
② Flat Chisel	35 x 410	1	20009465100
③ Spade Chisel	50 x 410	1	20009465200
④ Groove Chisel	410	1	20009465300
⑤ 4 pcs. Set	410	4	20009465403
⑥ Tine Spade	135 x 410	1	20009465500
⑦ Square Spade	110 x 410	1	20009465600
⑧ Large flat spade with 28 Hex shank	170 x 150	1	20009465700
⑨ Tamping plate with 28 Hex shank	150 x 150	1	20009465800
⑩ Bush hammer head with 28 Hex shank	60 x 60	1	20009465900

Used with **K 3260**. Connection type: **28 HEX**

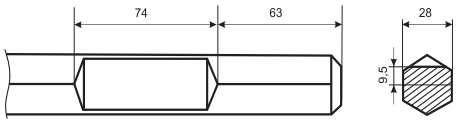
Type	Width x total length, mm	Pcs/Pack	Cat. №
① Tine chisel	530	1	20009461000
② Flat chisel	35 x 530	1	20009461100

Connection types:

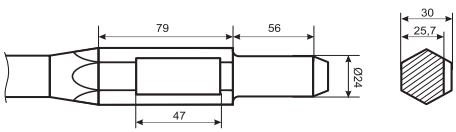
17 HEX



28 HEX



30 HEX



Angle Grinders 68
Concrete Grinders / Planers 78
Wall Chasers 82
Bench Grinders 84
Accessories 87

Grinding & Cutting

The Power in your hands

		Abrasive Discs					Carbide
		A30 R BF A30 S BF	A60 S BF41 A36 S BF41	A24 R BF	C30 S BF	C24 R BF	Flat / Round
		page 87					page 90
page 68	**SMALL ANGLE GRINDERS** 750 ÷ 1400W 125 mm	cutting METAL	cutting STAINLESS INOX NIROSTA	grinding METAL	cutting	grinding	METAL
page 72	**MEDIUM ANGLE GRINDERS** 1010 ÷ 1600W 125 / 150 mm	cutting METAL	cutting STAINLESS INOX NIROSTA	grinding METAL	cutting	grinding	
page 74	**LARGE ANGLE GRINDERS** 2000 ÷ 2600W 180 / 230 mm	cutting METAL	cutting STAINLESS INOX NIROSTA	grinding METAL	cutting	grinding	EPOXY <30 mm FIBREGLASS
page 78	**CONCRETE GRINDERS / PLANERS** 1400 ÷ 2600W 127 / 152.4 / 177.8 mm						
page 82	**WALL CHASERS** 1010 ÷ 2600W 125 / 230 mm						
page 84	**BENCH GRINDERS** 150 ÷ 900W 125 / 150 / 175 / 200 mm						

The **SPARKY** range of grinders offers three different body types, short, medium and long bodied, covering from 750 to 2600W and disc sizes 115mm-125mm-150mm-180mm-230mm. All grinders have a light and robust magnesium alloy gearbox and milled, case hardened gears from our own production.

New: HD Professional Range
The new range incorporates new Heavy Duty, extended life protected motors, increasing the units expected life before repair by over 60%. All new SPARKY grinders now also feature EU compliant anti-burst and anti-rotation blade guards to further protect the user.

The new Anti-vibration side handles incorporate thermoplastic elastomers and special ergonomic shaping to reduce vibration by up to 45%.

Wide range of accessories including Grinding and Cutting discs, diamond discs and cup wheels. Industry standard fitting for **SPARKY** and all other professional machines.

Abrasive Flap Discs		Diamond Cup Wheels			Diamond Blades					Wheels
Aluminium Oxide	Zirconium Oxide	Double row	Swirl Cup Wheel	Cup Wheel Heavy Duty	General Purpose	Wave Segments	Hot-Pressed	Laser Welded	Turbo segments	A 36 NV
page 88		page 90			page 89					page 91
Cu Ni Ms Zn, PVC	METAL, FIBREGLASS							METAL	METAL	
								METAL	METAL	
										METAL

SPARKY PROFESSIONAL

Compact body, powerful motor

HEAVYDUTY

New

M 750 HD Compact HD PROFESSIONAL

- Full dust protection for an extended tool life
- Ergonomically designed slimmer motor housing
- New compact, high performance motor
- Optimum motor cooling for extended tool life
- Magnesium alloy gearbox
- Dust sealed bearings with protection cap
- Non-burst, anti-rotation safety guard
- Spindle lock button for disc replacement
- Safety switch with lock on function
- 2-position side handle

M 750E HD Compact HD PROFESSIONAL

- Electronic speed pre-selection

Comes complete with:
125 mm Safety guard for grinding, Side handle, Support washer, Lock nut, Lock nut spanner

TECHNICAL DATA		M 750 HD Compact
Disc diameter:	mm	125
No load rpm:	min^{-1}	10500
Spindle thread:		M14
Spindle thread length:	mm	20
Weight:	kg	1.8
Power input:	W	750 (230V~50Hz)
Cat. №		**12000073111**

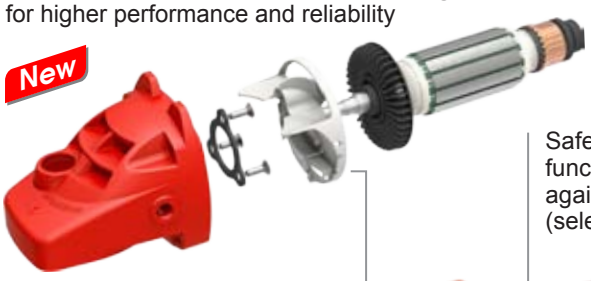
TECHNICAL DATA		M 750E HD Compact
Disc diameter:	mm	125
No load rpm:	min^{-1}	3500–10500
Spindle thread:		M14
Spindle thread length:	mm	20
Weight:	kg	1.9
Power input:	W	750 (230V~50Hz)
Cat. №		**12000073211**

HD PROFESSIONAL

SMALL ANGLE GRINDERS – TECHNOLOGY HIGHLIGHTS

The optimized ventilation in conjunction with the specially designed internal diffuser enables lower working temperatures by up to 30% for higher performance and reliability

New



Powder coated rotor and stator for efficient dust protection provides reliable operation in heavy dust environments

New

Safety switch with lock on function. Autostart protection against mains drop-out (selected models)

Spindle lock button for convenient disc replacement

New design of the gear box made by light and strong magnesium alloy

Soft start and electronic speed pre-selection (selected models)

New

- **Improved insulation and connection of stator terminals** for added dust resistance and safety of the motor
- New brush holder unit – avoids dust retention and brush blockage
- Auto-stop brushes

New

Improved spindle construction protecting the front bearing from metal and other dust. A common reason for machine failure

Non-burst, anti-rotation safety guard

Anti Vibration

2-position Anti-vibration side handle

SPARKY PROFESSIONAL

NON-BURST, ANTI-ROTATION SAFETY GUARD

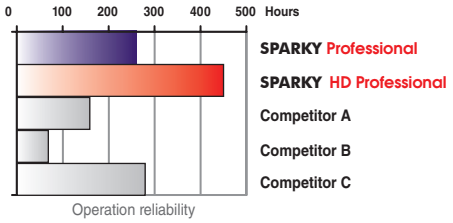
HEAVYDUTY

M 750 HD	●	○	○	○	○	●	●	●
M 750E HD	●	●	○	●	○	●	●	●
M 850 HD	●	○	○	○	○	●	●	●
M 850E HD	●	●	○	●	○	●	●	●
M 1050 HD	●	○	○	○	○	●	●	●
M 1050E HD	●	●	○	●	○	●	●	●
M 1200 HD	●	○	○	○	○	●	●	●
M 1200E Plus HD	●	●	●	●	●	●	●	●
M 1200CES HD	●	●	○	●	●	●	●	●
M 1400CS Plus HD	●	○	●	●	●	●	●	●
M 1400CES HD	●	●	○	●	●	●	●	●
M 1400CES Plus HD	●	●	●	●	●	●	●	●
SM 1470CES Plus HD	●	●	●	●	●	●	●	●

HD PROFESSIONAL

- Full dust protection for an extended tool life
- High performance motor
- Optimum motor cooling for extended tool life
- Magnesium alloy gearbox
- Dust sealed bearings with protection cap
- Non-burst, anti-rotation safety guard
- Electronic speed pre-selection (Index E, E Plus, CES, CES Plus)
- Constant electronics to maintain constant speed under load (Index CES)
- Soft start with restriction of starting current (Index E, E Plus, CES, CES Plus)
- Overload safety cut out in the event of the disc being pinched or snagged (Index CES, CES Plus)
- Thermal overload protection (CES Plus)
- Anti-vibration side handle
- High torque
- Safety switch with lock on function
- Safety restart cut-out (Index E Plus, CES, CES Plus)
- 4 m rubber cable
- Auto-stop brushes

HD PROFESSIONAL



Considering the requirements and demands of industry, we have developed a new **HEAVY DUTY** line of Angle grinders with great reliability, built to sustain even the toughest working conditions.

Option:
Carry Case

Comes complete with:
125 mm Safety guard for grinding, Side handle, Support washer, Lock nut, Lock nut spanner

750 – 850 W (230V-50Hz)

TECHNICAL DATA		M 750 HD	M 750E HD	M 850 HD	M 850E HD
Disc diameter:	mm	125	125	125	125
No load rpm:	min^{-1}	10000	3000–10000	10000	3000–10000
Spindle thread:		M14	M14	M14	M14
Weight:	kg	2.0	2.1	2.2	2.3
Power input:	W	750	750	850	850
Cat. №		**12000070311**	**12000070411**	**12000070511**	**12000070611**
OPTIONS:		Cat №	Cat №	Cat №	Cat №
- Anti-vibration side handle		**12000070312**	**12000070412**	**12000070512**	**12000070612**

SPARKY PROFESSIONAL

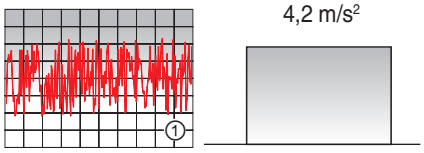
TOOL LESS, NON-BURST, ANTI-ROTATION SAFETY GUARD

HEAVYDUTY

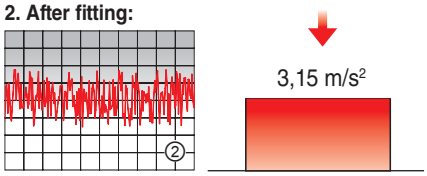
Anti Vibration

Average value using tri-axle measurement with Standard side handle ① and new SPARKY Anti-vibration side handle ② with Angle Grinder M 1200E Plus HD ›

1. Before fitting:



2. After fitting:



VIBRATION LEVEL REDUCED – 25%

HD PROFESSIONAL

Comes complete with:
125 mm Safety guard for grinding, Anti-vibration side handle, Support washer, Lock nut, Lock nut spanner

1050 W (230V-50Hz); (110V-50Hz)

TECHNICAL DATA		M 1050 HD	M 1050E HD
Disc diameter:	mm	125	125
No load rpm:	min^{-1}	10000	3000–10000
Spindle thread:		M14	M14
Weight:	kg	2.3	2.4
Power input:	W	1050 (110V~50Hz), (230V~50Hz)	1050 (230V~50Hz)
Cat. №		**12000070912** (220V EU) **12021070912** (110V UK) **12020070912** (230V UK)	**12000071012** (220V EU)
OPTIONS:		Cat №	Cat №
- Carry case		**12000070967** (220V EU)	**12000071067** (220V EU)

1200 W (230V-50Hz)

TECHNICAL DATA		M 1200 HD	M 1200E Plus HD	M 1200CES HD
Disc diameter:	mm	125	125	125
No load rpm:	min^{-1}	10500	2700–10500	2700–10500
Spindle thread:		M14	M14	M14
Weight:	kg	2.4	2.4	2.4
Power input:	W	1200	1200	1200
Cat. №		**12000071112**	**12000071612**	**12000071712**
OPTIONS:		Cat №	Cat №	Cat №
- Carry case		**12000071167**	**12000071667**	**12000071767**

1400 W (230V-50Hz)

TECHNICAL DATA		M 1400CS Plus HD	M 1400CES HD	M 1400CES Plus HD	SM 1470CES Plus HD
Disc diameter:	mm	125	125	125	125
No load rpm:	min^{-1}	10500	2700–10500	2700–10500	2000–7000
Spindle thread:		M14	M14	M14	M14
Weight:	kg	2.4	2.4	2.4	2.4
Power input:	W	1400	1400	1400	1400
Cat. №		**12000072912**	**12000071812**	**12000071912**	**12000221910**
OPTIONS:		Cat №	Cat №	Cat №	Cat №
- Carry case		–	**12000071867**	**12000071967**	–

ANGLE GRINDER FOR STAINLESS STEEL
SM 1470CES Plus HD

- Perfect for grinding and cutting of **stainless steel/Inox** as well as metal and stone
- Special gearbox for high torque in medium and low speed range. Prevents blue discolouration and distorsion due to heat build up

Compatible accessories with disc diameter up to 125 mm

- Cutting and grinding discs for **INOX**, metal and stone
- Wire wheel brushes for **INOX**
- Abrasive Flap discs

For more information refer to **Page 87/89** ›

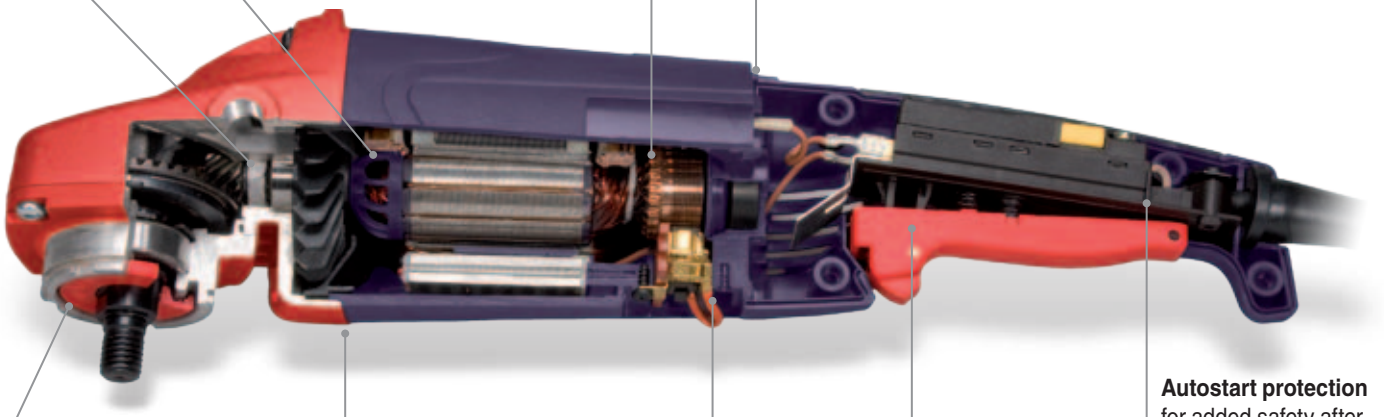
MEDIUM ANGLE GRINDERS - TECHNOLOGY HIGHLIGHTS

New construction of armature bearing for added bearing protection and extended product life

Powder coated rotor and stator for efficient dust protection – provides reliable operation in heavy dust environments

New protective grill – prevents coarse grinding dust into the motor's coil increasing the life of the tool

Vibration insulated rear handle – extending user safe working time (selected models)



Multifunction switch to prevent accidental switching on. Lock-on function.

Autostart protection for added safety after mains drop out. (According to EN 60475-2-3, p. 21.18.1)

New construction for protecting the front bearing from metal and other dust. A common reason for machine failure

Cylindrical connection of the gearbox to the housing – added armature/bearing protection and reduced vibration

New brush holder unit – avoids dust retention and brush blockage

3-position side handle

Indexes:

- **B -** Soft start with restriction of starting current
- **C -** Constant electronics plus electronic trigger speed control
- **P -** Safety switch incorporating autostart protection after mains drop out
- **PA -** Anti-vibration back handle

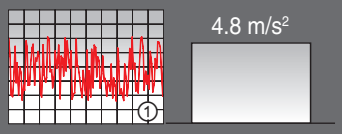
Index PA

Anti Vibration

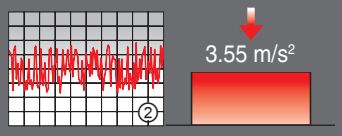
New SPARKY rear and side handle helps reduce vibration level and user fatigue by up to 50% (EN 60745).

Average value using tri-axle measurement with Standard side handle ① and new SPARKY Anti-vibration side handle ②

1. Before fitting:



2. After fitting:



VIBRATION LEVEL REDUCED – 26%

SPARKY PROFESSIONAL

NON-BURST, ANTI-ROTATION SAFETY GUARD

HEAVYDUTY

Anti Vibration

M 1010 HD	●	●	●	○	○	○	○	●
MB 1010 HD	●	●	●	●	○	○	○	●
MB 1010PA HD	●	●	●	●	●	○	●	●
M 1300 HD	●	●	●	○	○	○	○	●
MB 1300 HD	●	●	●	●	○	○	○	●
MB 1300PA HD	●	●	●	●	●	○	●	●
MB 1600C HD	●	●	●	●	○	●	○	●
MB 1600PA HD	●	●	●	●	●	○	●	●
MB 1600CPA HD	●	●	●	●	●	●	●	●

HD PROFESSIONAL

Comes complete with:
150 mm safety guard for grinding, Anti-vibration side handle, Support washer, Lock nut, Lock nut spanner

1010 W (230V-50Hz)

TECHNICAL DATA		M 1010 HD	MB 1010 HD	MB 1010PA HD
Disc diameter:	mm	125 /150	125 / 150	125 / 150
No load rpm:	min^{-1}	9500	9500	9500
Spindle thread:		M14	M14	M14
Weight:	kg	3.3	3.3	3.4
Power input:	W	1010	1010	1010
Cat. №		**12000080603**	**12000080703**	**12000080803**
OPTIONS:		Cat. №	Cat. №	Cat. №
- 125 mm safety guards for grinding & for cutting		**12000080605**	**12000080705**	**12000080805**

1300 W (230V-50Hz); (110V-50Hz)

TECHNICAL DATA		M 1300 HD	MB 1300 HD	MB 1300PA HD
Disc diameter:	mm	125 / 150	125 / 150	125 / 150
No load rpm:	min^{-1}	9500	9500	9500
Spindle thread:		M14	M14	M14
Weight:	kg	3.6	3.6	3.7
Power input:	W	1300 (110V~50Hz), (230V~50Hz)	1300 (230V~50Hz)	1300 (230V~50Hz)
Cat. №		**12000080903** (230V EU)	**12000081003**	**12000081103**
OPTIONS:		Cat. №	Cat. №	Cat. №
- 125 mm safety guards for grinding & for cutting		**12000080905** (230V EU) **12021080906** (110V UK); **12020080906** (230V UK)	**12000081005**	**12000081105**

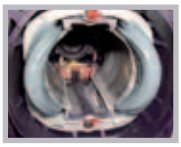
1600 W (230V-50Hz); (110V-50Hz)

TECHNICAL DATA		MB 1600C HD	MB 1600PA HD	MB 1600CPA HD
Disc diameter:	mm	125 / 150	125	125 / 150
No load rpm:	min^{-1}	9500	9500	9500
Spindle thread:		M14	M14	M14
Weight:	kg	3.6	3.7	3.7
Power input:	W	1600 (230V~50Hz)	1300 (110V~50Hz)	1600 (230V~50Hz)
Cat. №		**12000081203**	–	**12000081303**
OPTIONS:		Cat. №	Cat. №	Cat. №
- 125 mm safety guards for grinding & for cutting		**12000081205**	**10121081405** (110V UK)	**12000081305** (230V EU) **10120081305** (230V UK)

LARGE ANGLE GRINDERS – TECHNOLOGY HIGHLIGHTS

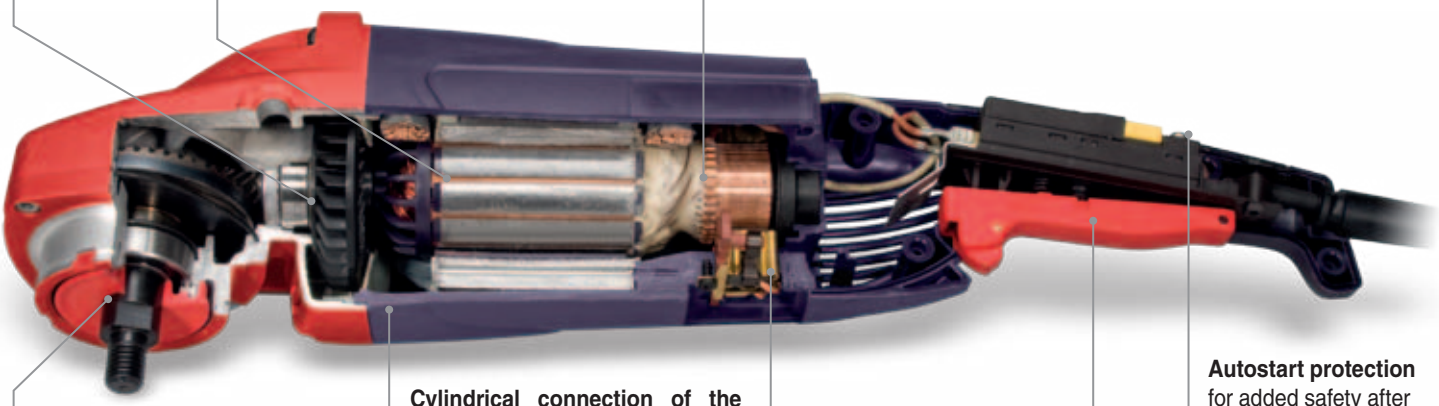
Additional rubber insert preventing the break down of the armature bearing and the further damage caused to the axial movement of the rotor

New protective grill prevents coarse grinding dust into the motor's coil increasing the life of the tool



Powder coated rotor and stator for efficient dust protection – provides reliable operation in heavy dust environments

Vibration insulated rear handle – extending user safe working time (selected models)



Cylindrical connection of the gearbox to the housing – added armature/bearing protection and reduced vibration

New construction for protecting the front bearing from metal and other dust. A common reason for machine failure.

New brush holder unit – avoids dust retention and brush blockage

Autostart protection for added safety after mains drop out (Index P). (According to EN 60475-2-3, p. 21.18.1)

Multifunction switch to prevent accidental switching on. Lock-on function.

SPARKY PROFESSIONAL

NON-BURST, ANTI-ROTATION SAFETY GUARD

HEAVYDUTY

			AUTO	16A			4m
M 2000 HD	●	●	●	○	○	○	●
MB 2000P HD	●	●	●	●	●	○	●
MA 2000 HD	●	●	●	○	○	○	●
MBA 2000P HD	●	●	●	●	●	○	●

M 2000 HD MB 2000P HD MA 2000 HD MBA 2000P HD

- High performance, high efficiency motor
- Optimised cooling and ventilation of motor
- Powder coated rotor and stator for efficient dust protection
- Protection basket for rotor winding against sharp grinding dust
- Anti-vibration Side handle
- Dust sealed spindle and bearings
- Soft start with restriction of starting current (Index B)
- Safety restart cut out (Index P)
- Anti-vibration back handle (Index PA)
- Magnesium alloy gearbox
- Non-burst, anti-rotation safety guard
- Safety switch to prevent accidental switching on. Lock-on function (Index P)
- Spindle lock button for convenient disc replacement
- Auto-stop brushes

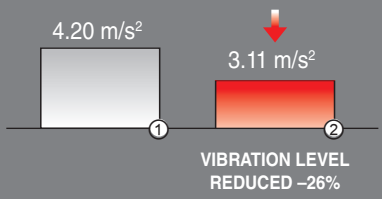
Option: Carry case

Comes complete with:
230 mm safety guard for grinding, Side handle, Support washer, Lock nut, Lock nut spanner

2000 W (230V-50Hz)

TECHNICAL DATA		M 2000 HD	MB 2000P HD	MA 2000 HD	MBA 2000P HD
Disc diameter:	mm	180	180	230	230
No load rpm:	min^{-1}	8500	8500	6600	6600
Spindle thread:		M14	M14	M14	M14
Weight:	kg	5.4	5.4	5.6	5.6
Power input:	W	2000	2000	2000	2000
Cat. №		**12000092109**	**12000092309**	**12000092410**	**12000092610**
OPTIONS:		Cat. №	Cat. №	Cat. №	Cat. №
- Anti-vibration side handle		**12000092111**	**12000092311**	**12000092412**	**12000092612**

Average value using tri-axle measurement with Standard side handle ① and new SPARKY Anti-vibration side handle ② with Angle Grinder MBA 2200P HD ›



VIBRATION LEVEL REDUCED –26%

For more information refer to Page 90 ›

SPARKY PROFESSIONAL

NON-BURST, ANTI-ROTATION SAFETY GUARD

HEAVYDUTY

Anti Vibration

M 2200 HD	●	●	●	○	○	○	●
MB 2200P HD	●	●	●	●	●	○	●
MB 2200PA HD	●	●	●	●	●	●	●
MA 2200 HD	●	●	●	○	○	○	●
MBA 2200P HD	●	●	●	●	●	○	●
MBA 2200PA HD	●	●	●	●	●	●	●
M 2400 HD	●	●	●	○	○	○	●
MB 2400P HD	●	●	●	●	●	○	●
MB 2400PA HD	●	●	●	●	●	●	●
MA 2400 HD	●	●	●	○	○	○	●
MBA 2400P HD	●	●	●	●	●	○	●
MBA 2400PA HD	●	●	●	●	●	●	●
MB 2600P HD	●	●	●	●	●	○	●
MB 2600PA HD	●	●	●	●	●	●	●
MBA 2600P HD	●	●	●	●	●	○	●
MBA 2600PA HD	●	●	●	●	●	●	●

HD PROFESSIONAL

Comes complete with:
230mm safety guard for grinding, Anti-vibration side handle, Support washer, Lock nut, Lock nut spanner

2200 W (230V-50Hz); (110V-50Hz)

TECHNICAL DATA		M 2200 HD	MB 2200P HD	MB 2200PA HD	MA 2200 HD	MBA 2200P HD		MBA 2200PA HD
Disc diameter:	mm	180	180	180	230	230		230
No load rpm:	min^{-1}	8500	8500	8500	6600	6600		6600
Spindle thread:		M14	M14	M14	M14	M14		M14
Weight:	kg	5.3	5.3	5.6	5.5	5.6	5.5	5.7
Voltage:	V	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz	110V~50Hz	230V~50Hz	230V~50Hz
Power input:	W	2200	2200	2200	2200	2000	2200	2200
Cat. №		**12000093311**	**12000093711**	**12000095411**	**12000093512**	**12000093812** (230V EU) **12021093812** (110V UK) **12020093812** (230V UK)		**12000095512**
OPTIONS:		Cat. №	Cat. №	Cat. №	Cat. №	Cat. №		Cat. №
- Carry case		–	–	**12000095466**	–	**12000093867** (230V EU)		**1200095567**

2400 W (230V-50Hz)

TECHNICAL DATA		M 2400 HD	MB 2400P HD	MB 2400PA HD	MA 2400 HD	MBA 2400P HD	MBA 2400PA HD
Disc diameter:	mm	180	180	180	230	230	230
No load rpm:	min^{-1}	8500	8500	8500	6600	6600	6600
Spindle thread:		M14	M14	M14	M14	M14	M14
Weight:	kg	6.0	6.0	6.4	6.2	6.2	6.5
Power input:	W	2400	2400	2400	2400	2400	2400
Cat. №		**12000092711**	**12000092911**	**12000095611**	**12000092812**	**12000093012**	**12000095712**
OPTIONS:		Cat. №	Cat. №	Cat. №	Cat. №	Cat. №	Cat. №
- Carry case		**12000092766**	**12000092966**	**12000095666**	**12000092867**	**12000093067**	**12000095767**

2600 W (230V-50Hz)

TECHNICAL DATA		MB 2600P HD	MB 2600PA HD	MBA 2600P HD	MBA 2600PA HD
Disc diameter:	mm	180	180	230	230
No load rpm:	min^{-1}	8500	8500	6600	6600
Spindle thread:		M14	M14	M14	M14
Weight:	kg	6.1	6.4	6.3	6.5
Power input:	W	2600	2600	2600	2600
Cat. №		**12000093111**	**12000095811**	**12000093212**	**12000095912**
OPTIONS:		Cat. №	Cat. №	Cat. №	Cat. №
- Carry case		**12000093166**	**12000095866**	**12000093267**	**12000095967**

SPARKY PROFESSIONAL

HD PROFESSIONAL

NON-BURST, ANTI-ROTATION SAFETY GUARD

NON-BURST, ANTI-ROTATION SAFETY GUARD

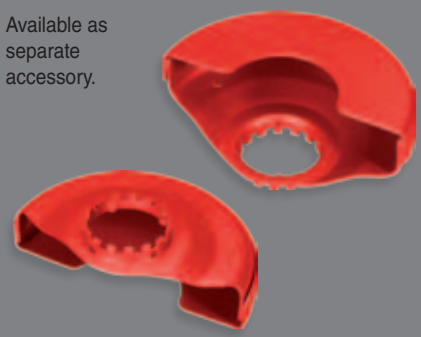
All SPARKY angle grinders are equipped with a quick-release (tool free), non-burst, anti-rotation safety guard. The new construction of the disc guards provides safety standard EN 60745-2-3.

Safety guard for grinding

Included as standard with all angle grinders.

Safety guard for cutting

Available as separate accessory.



For more information refer to **Page 91**

SPARKY PROFESSIONAL

HEAVYDUTY

New

FB 514 HD PROFESSIONAL

- Safety guard with dust seal system
- Efficient dust extraction in connection with suitable vacuum cleaner
- Soft start with restriction of starting current
- Constant electronics to maintain constant speed under load
- Thermal overload protection
- Safety switch with lock on function
- Safety restart cut-out
- Magnesium alloy gearbox
- Adjustable closed front handle
- Spindle lock button for convenient wheel replacement
- Auto-stop brushes

Metal cup wheel with diamond grain abrasive segments

Comes complete with: Carry case, Diamond cup wheel, Guard set with brush seal, Closed front handle with 2 bolts and washers, Support washer, Lock nut, Lock nut spanner

TECHNICAL DATA		FB 514
Wheel diameter:	mm	127 (5")
No load rpm:	min^{-1}	10500
Spindle thread:		M14
Weight:	kg	3.1
Power input:	W	1400 (230V~50Hz)
Cat. №		**12000130952**

FB 514P HD PROFESSIONAL

- Perfect for grinding, planing and finishing of concrete, stone and mortar
- Removing of screed seams, residual, plaster and coatings
- Preparing of surfaces e.g. for tile renovation
- Powerful reliable motor with improved ventilation

Safety guard with pivoting front segment to allow grinding right up to the wall

Comes complete with: Carry case, Diamond cup wheel, Guard set with dust rubber seal, Closed front handle with 2 bolts and washers, Support washer, Lock nut, Lock nut spanner

TECHNICAL DATA		FB 514P
Disc diameter:	mm	127 (5")
No load rpm:	min^{-1}	10500
Spindle thread:		M14
Weight:	kg	2.7
Power input:	W	1400 (230V~50Hz)
Cat. №		**12000131252**

SPARKY PROFESSIONAL

HEAVYDUTY

FB 616 HD PROFESSIONAL

- Perfect for grinding, planing and finishing of concrete, stone and mortar
- Safety guard with dust seal system
- Efficient dust extraction in connection with suitable vacuum cleaner
- Soft start with restriction of starting current
- Constant electronics to maintain constant speed under load
- Safety switch to prevent accidental switching on. Lock-on function
- Safety restart cut-out
- Powder coated motor and stator for efficient dust protection
- Magnesium alloy gearbox
- Adjustable closed front handle
- Spindle lock button for convenient wheel replacement
- Auto-stop brushes

Comes complete with: Carry case, Diamond cup wheel, Guard set with rubber seal, Closed front handle with 2 bolts and washers, Support washer, Lock nut, Lock nut spanner

TECHNICAL DATA		FB 616
Wheel diameter:	mm	152.4 (6")
No load rpm:	min^{-1}	9500
Spindle thread:		M14
Weight:	kg	5
Power input:	W	1600 (230V~50Hz)
Cat. №		**12000131055**

Metal cup wheel with diamond grain abrasive segments

STIRRUP HANDLES

For more information refer to Page 90

SPARKY PROFESSIONAL

HEAVYDUTY

FB 722 HD PROFESSIONAL

FB 724 HD PROFESSIONAL

FB 726 HD PROFESSIONAL

- Perfect for grinding, planing and finishing of concrete, stone and mortar
- High performance, high efficiency motor
- Optimised cooling and ventilation of motor
- Powder coated rotor and stator for efficient dust protection
- Protection basket for rotor winding against sharp grinding dust
- Dust sealed spindle and bearings
- Safety guard with dust seal system
- Efficient dust extraction in connection with suitable vacuum cleaner
- Adjustable closed front handle
- Soft start with restriction of starting current
- Safety restart cut out
- Safety switch to prevent accidental switching on. Lock-on function
- Magnesium alloy gearbox
- Spindle lock button for convenient wheel replacement
- Auto-stop brushes

Metal cup wheel with diamond grain abrasive segments

Refer to Page 90

Metal guard with rubber dust seal and dust extraction port for use with suitable vacuum cleaner

Refer to Page 154

Comes complete with: Carry case, Diamond cup wheel, Guard set with rubber seal, Closed front handle with 2 bolts and washers, Support washer, Lock nut, Lock nut spanner

TECHNICAL DATA		FB 722	FB 724	FB 726
Wheel diameter:	mm	177.8 (7")	177.8 (7")	177.8 (7")
No load rpm:	min^{-1}	6600	6500	6500
Spindle thread:		M14	M14	M14
Weight:	kg	6.0	6.8	6.9
Power input:	W	2200 (230V~50Hz)	2400 (230V~50Hz)	2600 (230V~50Hz)
Cat. №		**12000130654**	**12000130754**	**12000130854**

SPARKY PROFESSIONAL

HEAVYDUTY

New

Anti Vibration

CM 6526 HD PROFESSIONAL

- Dust reduced cutting system for concrete, natural stone, tiles and brickwork
- Suitable for stress induced joints and expansion joints
- Efficient dust extraction with suitable vacuum cleaner
- 230 mm spring assisted safety guard
- Adjustable depth of cut
- High performance, high efficiency motor
- Powder coated rotor and stator for efficient dust protection
- Protection basket for rotor winding against sharp dust
- Dust sealed spindle and bearings
- Softstart with restriction of starting current
- Safety restart cut out
- Magnesium alloy gearbox
- Safety switch to prevent accidental switching on. Lock-on function
- Anti-vibration side handle
- Auto-stop brushes

Efficient dust extraction with suitable vacuum cleaner

Adjustable depth of cut (spring assisted)

Comes complete with: Diamond cutting disc, Dust extraction guard, Support washer, Lock nut, Lock nut spanner, Anti-vibration side handle

TECHNICAL DATA		CM 6526
Disc diameter:	mm	230
No load rpm:	min^{-1}	6500
Spindle thread:		M14
Max. cutting depth:	mm	65
Weight:	kg	7.5
Power input:	W	2000 (110V~50Hz) / 2600 (230V~50Hz)
Cat. №		**12000121254** (230V EU); **12000121206** (110V UK)

SPARKY PROFESSIONAL

HEAVYDUTY

Adjustable depth of cut

Anti Vibration

FK 3012 HD PROFESSIONAL

FK 3014 HD PROFESSIONAL

- Suitable for efficient cutting of channels in concrete, walls and floors
- Constant electronics to maintain constant speed under load
- Softstart with restriction of starting current
- Thermal overload protection
- Light and easy to operate on vertical walls/surfaces
- Efficient dust extraction in connection with suitable vacuum cleaner
- Aluminium disc guard with support rollers
- Staged adjustment of groove width using thrust washers provided
- Magnesium alloy gearbox
- Safety switch with lock-on function
- Spindle lock button for convenient disc replacement
- Anti-vibration side handle
- Auto-stop brushes

Comes complete with: 2 diamond discs, Disc guard with rollers, Dust extraction port, Anti-vibration side handle, Support washer, Lock nut, 6 thrust washers, Lock nut spanner

Options: Carry case
FK 3012 Cat. №: **12000121353** (230V EU)
FK 3014 Cat. №: **12000121153** (230V EU);
12121121153 (110V UK); **12120121153** (230V UK)

TECHNICAL DATA		FK 3012	FK 3014
Disc diameter:	mm	125	125
No load rpm:	min^{-1}	10500	10500
Spindle thread:		M14	M14
Groove depth:	mm	0–30	0–30
Groove width:	mm	3–29	3–29
Weight:	kg	3.5	3.5
Power input:	W	1200 (230V~50Hz)	1010 (110V~50Hz); 1400 (230V~50Hz)
Cat. №		**12000121303** (230V EU)	**12000121103** (230V EU); **12021121103** (110V UK); **12020121103** (230V UK)

SPARKY PROFESSIONAL

HEAVYDUTY

Anti Vibration

FK 6522 HD PROFESSIONAL

FK 6524 HD PROFESSIONAL

FK 6526 HD PROFESSIONAL

- Suitable for efficient cutting of deep and wide channels in concrete walls and floors
- High performance, high efficiency motor
- Powder coated rotor and stator for efficient dust protection
- Protection basket for rotor winding against sharp dust
- Dust sealed spindle and bearings
- Efficient dust extraction in connection with suitable vacuum cleaner
- Aluminium disc guard with support rollers
- Stagless adjustment of cutting depth
- Staged adjustment of groove width using thrust washers provided
- Softstart with restriction of starting current
- Safety restart cut out
- Safety switch to prevent accidental switching on. Lock-on function
- Magnesium alloy gearbox
- Ergonomic soft-grip rear handle
- Anti-vibration side handle
- Auto-stop brushes

DIAMOND DISCS

SUPERIOR LIFE

FAST CUTTING

REDUCTION IN DOWN TIME

BETTER HANDLING

REDUCED VIBRATION

INCREASED SAFETY

Comes complete with: 2 diamond discs, Disc guard with rollers, Dust extraction port, Anti-vibration side handle, Support washer, Lock nut, 7 thrust washers, Lock nut spanner

For more information refer to Page 89

TECHNICAL DATA		FK 6522	FK 6524	FK 6526
Disc diameter:	mm	230	230	230
No load rpm:	min^{-1}	6600	6500	6500
Spindle thread:		M14	M14	M14
Groove depth:	mm	20–65	20–65	20–65
Groove width:	mm	9–40	9–40	9–40
Weight:	kg	9.6	10.4	10.4
Power input:	W	2000(110V~50Hz); 2200(230V~50Hz)	2400 (230V~50Hz)	2600 (230V~50Hz)
Cat. №		**12000120504** (230V EU) **12021120504** (110V UK) **12020120504** (230V UK)	**12000120604**	**12000120704**

SPARKY PROFESSIONAL

MBG 125L MBG 150L MBG 175L MBG 200L

- Versatile bench grinder for most applications
- Multi-directional work light
- Adjustable tool rests and eye guards
- Precision ball bearings for prolonged use
- Service-free induction motor
- Rubber pads for reduced vibrations and higher stability
- On/Off switch with dust-proof rubber cover

Multi-directional work LED light

Eye shield

Comes complete with: 1 medium and 1 fine grinding wheel (36 and 60 grit)

TECHNICAL DATA		MBG 125L	MBG 150L	MBG 175L	MBG 200L
No load rpm:	min^{-1}	2950	2950	2950	2950
Wheel diameter:	mm	125	150	175	200
Wheel bore:	mm	12.7	12.7	16	16
Wheel thickness:	mm	16	20	20	20
Short time duty S2:	min	30	30	30	30
Wheel grit:		36+60	36+60	36+60	36+60
Protection class:		IP 20	IP 20	IP 20	IP 20
Weight:	kg	7	11	12.5	13.5
Power input:	W	150 (230V~50Hz)	250 (230V~50Hz)	350 (230V~50Hz)	400 (230V~50Hz)
Cat. №		**13000202000**	**13000202100**	**13000202200**	**13000202300**

SPARKY PROFESSIONAL

MBG 150 PROFESSIONAL

MBG 175 PROFESSIONAL

MBG 200 PROFESSIONAL

- Heavy duty grinder for industrial applications
- Powerful, service-free single-phase induction motor
- Stable cast Iron body
- Precision bearings for smooth running and for extended life time
- Stable, adjustable tool rests
- Adjustable eye guards, magnifying lens
- On/Off switch with dust-proof rubber cover

Dust extraction port (MBG 200)

Comes complete with: 1 medium and 1 fine grinding wheel (36 and 60 grit)

WHEELS FOR BENCH GRINDERS

Wheels fitted to our bench grinders are made of aluminium oxide.

Grit size:
24 – coarse; 36 – medium; 60 – fine

For more information refer to Page 91

TECHNICAL DATA		MBG 150	MBG 175	MBG 200
No load rpm:	min^{-1}	2950	2950	2950
Wheel diameter:	mm	150	175	200
Wheel bore:	mm	32	32	32
Wheel thickness:	mm	25	25	32
Short time duty S2:	min	30	30	30
Wheel grit:		36+60	36+60	36+60
Protection class:		IP 20	IP 20	IP 20
Weight:	kg	16	18	28
Power input:	W	520 (230V~50Hz)	520 (230V~50Hz)	900 (230V~50Hz)
Cat. №		**13000201400**	**13000201500**	**13000201600** (230V EU) **13120201600** (230V UK)

MBGT 150 PROFESSIONAL

MBGS 200 PROFESSIONAL

- Heavy duty grinder for industrial applications
- Powerful, service-free induction motor
- Stable cast iron body
- Large grinding wheel diameter up to 200 mm for extended lifetime (MBGS 200)
- Precision bearings for smooth running and for extended life time
- Stable, adjustable tool rests
- Wire wheel brush for raw grinding (MBGT 150)
- Sanding belt for fine grinding (MBGS 200)
- Adjustable eye guards, magnifying lens
- Dust extraction port (MBGS 200)
- On/Off switch with dust-proof rubber cover

BENCH GRINDER STAND

SBG 80 **Cat. № 20009701100**

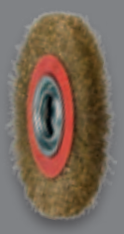
- Bench grinder stand. Suitable for all SPARKY bench grinders
- Material - 4 mm sheet steel
- Operation height - 85 cm
- Weight: 14 kg

SANDING BELT

WIRE BRUSH

Cat. № 20009740000

- Compatible with bench grinder MBGT 150
- Size: Ø150 x 20 x 32 mm



Comes complete with:

MBGT 150: Grinding wheel medium grit (36 grit), Crimped wire wheel brush

MBGS 200: Grinding wheel medium grit (36 grit), Sanding belt

TECHNICAL DATA		MBGT 150	MBGS 200
No load rpm:	min^{-1}	2950	2950
Wheel diameter:	mm	150	200
Wheel bore:	mm	32	32
Wheel thickness:	mm	25	32
Short time duty S2:	min	30	30
Wheel grit:		36	36
Brush dimensions:	mm	Ø150x20xØ32	–
Sanding area / Belt dimensions	mm	–	140x100 / 914x100
Protection class:		IP 20	IP 20
Weight:	kg	15.5	32
Power input:	W	520 (230V~50Hz)	900 (230V~50Hz)
Cat. №		**13000202600**	**13000202700**

For more information refer to Page 91

ABRASIVE DISCS

GRINDING DISCS METAL ①

Diameter x Width x Bore, mm	Type	Pcs/Pack	Cat. №
100 x 6.0 x 16	A24 R BF	5	20009565504
115 x 6.0 x 22.2	A24 R BF	5	20009565004
125 x 6.0 x 22.2	A24 R BF	5	20009565104
150 x 6.0 x 22.2	A24 R BF	5	20009565404
180 x 6.0 x 22.2	A24 R BF	5	20009565204
230 x 6.0 x 22.2	A24 R BF	5	20009565304

GRINDING DISCS STONE ②

Diameter x Width x Bore, mm	Type	Pcs/Pack	Cat. №
100 x 6.0 x 16	C24 R BF	5	20009567904
125 x 6.0 x 22.2	C24 R BF	5	20009567704
150 x 6.0 x 22.2	C24 R BF	5	20009567504
180 x 6.0 x 22.2	C24 R BF	5	20009567604
230 x 6.0 x 22.2	C24 R BF	5	20009567804

CUTTING DISCS STAINLESS STEEL / INOX ③

Diameter x Width x Bore, mm	Type	Pcs/Pack	Cat. №
100 x 1.0 x 16	WA 60 T BF	10	20009561409
100 x 1.2 x 16	A60 S BF41	10	20009561909
115 x 1.0 x 22.2	A60 S BF41	10	20009560809
115 x 1.2 x 22.2	A60 S BF41	10	20009560909
125 x 1.0 x 22.2	A60 S BF41	10	20009561009
125 x 1.2 x 22.2	A60 S BF41	10	20009561109
180 x 2.0 x 22.2	A60 S BF41	10	20009561209
230 x 2.0 x 22.2	A60 S BF41	10	20009561309

CUTTING DISCS METAL ④

Diameter x Width x Bore, mm	Type	Pcs/Pack	Cat. №
100 x 1.2 x 16	A30 R BF	10	20009561709
100 x 2.0 x 16	A30 R BF	10	20009561809
100 x 3.0 x 16	A30 S BF	10	20009561609
115 x 3.0 x 22.2	A30 R BF	10	20009560009
125 x 3.0 x 22.2	A30 R BF	10	20009560109
100 x 1.2 x 16	A30 R BF	5	20009561704
100 x 2.0 x 16	A30 R BF	5	20009561804
100 x 3.0 x 16	A30 S BF	5	20009561604
150 x 3.0 x 22.2	A30 R BF	5	20009560204
180 x 3.0 x 22.2	A30 R BF	5	20009560304
230 x 3.0 x 22.2	A30 R BF	5	20009560404

CUTTING DISCS METAL, DEPRESSED CENTRE ⑤

Diameter x Width x Bore, mm	Type	Pcs/Pack	Cat. №
100 x 3.0 x 16	A30 S BF	10	20009561509
115 x 3.0 x 22.2	A30 R BF	10	20009560509
125 x 3.0 x 22.2	A30 R BF	10	20009560609
100 x 3.0 x 16	A30 S BF	5	20009561504
180 x 3.0 x 22.2	A30 R BF	5	20009569004
230 x 3.0 x 22.2	A30 R BF	5	20009560704

CUTTING DISCS STONE ⑥

Diameter x Width x Bore, mm	Type	Pcs/Pack	Cat. №
100 x 3.0 x 16	C30 S BF	10	20009563309
115 x 3.0 x 22.2	C30 S BF	10	20009562509
125 x 3.0 x 22.2	C30 S BF	10	20009562609
100 x 3.0 x 16	C30 S BF	5	20009563304
150 x 3.0 x 22.2	C30 S BF	5	20009562704
230 x 3.0 x 22.2	C30 S BF	5	20009562804

CUTTING DISCS STONE, DEPRESSED CENTRE ⑦

Diameter x Width x Bore, mm	Type	Pcs/Pack	Cat. №
100 x 3.0 x 16	C30 S BF	10	20009563209
115 x 3.0 x 22.2	C30 S BF	10	20009562909
125 x 3.0 x 22.2	C30 S BF	10	20009563009
100 x 3.0 x 16	C30 S BF	5	20009563204
230 x 3.0 x 22.2	C30 S BF	5	20009563104

ABRASIVE FLAP DISCS

For grinding flat surfaces. Most efficient when used at an angle of 0°– 45°. Max. working speed 80 m/s.

Straight

Inclined

For contour and edge grinding. Most efficient when used at a wider angle of 15° – 25°. Max. working speed 80 m/s.

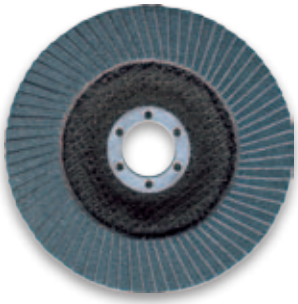
ALUMINIUM OXIDE

Suitable for medium to heavy duty applications on steel, nonferrous metals, and wood. High lamellar lining on glass fibre plate. Uniform grinding capacity, cool grinding and low noise level.

Diameter x Bore, mm	Grit	Type	Pcs/Pack	Cat. №
100 x 16	40	Straight	1	20009578300
	60		1	20009578500
	80		1	20009578700
	120		1	20009578900
115 x 22.23	40	Straight	1	20009571900
	60		1	20009572000
	80		1	20009572100
	120		1	20009572200
125 x 22.23	40	Straight	1	20009572300
	60		1	20009572400
	80		1	20009572500
	120		1	20009572600
150 x 22.23	40	Straight	1	20009572700
	60		1	20009572800
	80		1	20009572900
	120		1	20009573000
180 x 22.23	40	Straight	1	20009573100
	60		1	20009573200
	80		1	20009573300
	120		1	20009573400
100 x 16	40	Inclined	1	20009578400
	60		1	20009578600
	80		1	20009578800
	120		1	20009579000
115 x 22.23	40	Inclined	1	20009573500
	60		1	20009573600
	80		1	20009573700
	120		1	20009573800
125 x 22.23	40	Inclined	1	20009573900
	60		1	20009574000
	80		1	20009574100
	120		1	20009574200
150 x 22.23	40	Inclined	1	20009574300
	60		1	20009574400
	80		1	20009574500
	120		1	20009574600
180 x 22.23	40	Inclined	1	20009574700
	60		1	20009574800
	80		1	20009574900
	120		1	20009575000

ZIRCONIUM OXIDE

Suitable for medium to heavy duty applications on all types of steel and metals. High lamellar lining on glass fibre plate. Uniform grinding capacity, cool grinding and low noise level.



Diameter x Bore, mm	Grit	Type	Pcs/Pack	Cat. №
100 x 16	40	Straight	1	20009579100
	60		1	20009579300
	80		1	20009579500
	120		1	20009579700
115 x 22.23	40	Straight	1	20009575100
	60		1	20009575200
	80		1	20009575300
	120		1	20009575400
125 x 22.23	40	Straight	1	20009575500
	60		1	20009575600
	80		1	20009575700
	120		1	20009575800
150 x 22.23	40	Straight	1	20009575900
	60		1	20009576000
	80		1	20009576100
	120		1	20009576200
180 x 22.23	40	Straight	1	20009576300
	60		1	20009576400
	80		1	20009576500
	120		1	20009576600
100 x 16	40	Inclined	1	20009579200
	60		1	20009579400
	80		1	20009579600
	120		1	20009579800
115 x 22.23	40	Inclined	1	20009576700
	60		1	20009576800
	80		1	20009576900
	120		1	20009577000
125 x 22.23	40	Inclined	1	20009577100
	60		1	20009577200
	80		1	20009577300
	120		1	20009577400
150 x 22.23	40	Inclined	1	20009577500
	60		1	20009577600
	80		1	20009577700
	120		1	20009577800
180 x 22.23	40	Inclined	1	20009577900
	60		1	20009578000
	80		1	20009578100
	120		1	20009578200

DIAMOND BLADES

LASER WELDING

In laser welding, the segments are manufactured seperately.
This seperate method of production saves the blade core from the negative effects of being heated to high temperatures during manufacture.
There is a higher level of hardness and durability with this type of blade, which does not allow deformation during cutting.
Therefore SPARKY laser welded blades are suitable as well for reinforced concrete.

SINTERING

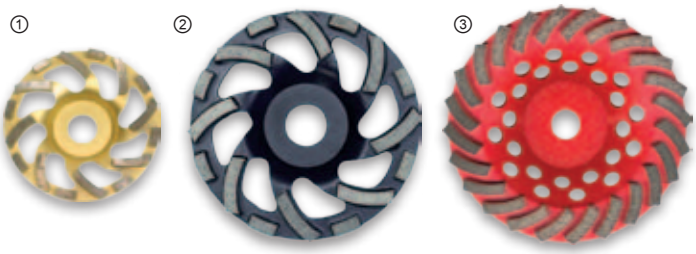
Sintering is a fast, but economical manufacturing process to produce good quality diamond cutting blades.

Description		Diameter x Bore, mm	Thickness, mm	Pcs/Pack	Cat. №
SINTERED DIAMOND BLADES					
	Designed for regular trade use in various types of materials **Application:** Concrete, paving slabs, brick, block and stone	115 x 22.23	1.8	1	20009540000
		125 x 22.23	2.2	1	20009540100
		230 x 22.23	2.5	1	20009540200
SINTERED DIAMOND WAVE BLADES					
	Fast and aggressive cut due to the serrated segment style. Better cooling and debris removal for a cleaner performance. **Application:** Granite, marble, concrete, brick, tiles.	125 x 22.23	2.4	1	20009545600
		230 x 22.23	3.0	1	20009545700
HOT-PRESSED SINTERED DIAMOND BLADES					
	HEAVY DUTY PREMIUM QUALITY Hot-pressed segments. **Application:** Concrete universal, brick, block, granite	125 x 22.23	2.0	1	20008545900
		230 x 22.23	2.1	1	20008546000
LASER WELDED DIAMOND BLADES					
	HEAVY DUTY PREMIUM QUALITY Hot-pressed segments Higher temperature tolerance **Application:** Granite, marble, concrete, brick, block.	115 x 22.23	1.8	1	20009543300
		125 x 22.23	2.4	1	20009541000
		230 x 22.23	2.8	1	20009541100
LASER WELDED DIAMOND BLADES WITH TURBO SEGMENTS					
	Diamond Turbo segments provide extra fast and aggressive cut. Higher temperature tolerance and efficiency. **Application:** Hard or abrasive materials reinforced concrete, asphalt, green concrete, metals, stone, tiles, etc.	125 x 22.23	2.6	1	20009546100
		230 x 22.23	2.8	1	20009546200

DIAMOND CUP WHEELS

TURBO AGGRESSOR

Agressive stock removal for medium to hard materials



HEAVY DUTY PREMIUM QUALITY

Type	Diam. x Height x Bore, mm	Pcs/Pack	Cat. №
① TA5 Turbo Gold	127 x 22 x 22.23 (5")	1	20008540300
② TA7 Turbo Schwarz	177.8 x 30 x 22.23 (7")	1	20008545300

Type	Diam. x Height x Bore, mm	Pcs/Pack	Cat. №
③ TA5 Turbo Aggressor	127 x 25.4 x 22.23 (5")	1	20009545000
③ TA6 Turbo Aggressor	152.4 x 27 x 22.23 (6")	1	20009545100
③ TA7 Turbo Aggressor	177.8 x 30 x 22.23 (7")	1	20009545200

DOUBLE ROW

Two rows of hot-pressed diamond segments for more efficient and controlled removal of material

Diameter x Height x Bore, mm	Pcs/Pack	Cat. №
127 x 25.4 x 22.23 (5")	1	20009545800
152.4 x 27 x 22.23 (6")	1	20009545400
177.8 x 30 x 22.23 (7")	1	20009545500

STIRRUP HANDLES

Used with	Pcs/Pack	Cat. №
FB 514	1	20009682000
FB 616 / PM 1026CE, PM 1324CE, PM 1631CE, PMB 1200CE, PMB 1632, PMB 1655	1	20009682500
FB 722, FB 724, FB 726 / PMB 2030E, PMB 2230E, PMB 2430E	1	20009682100

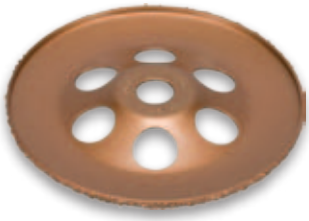
CARBIDE GRINDING DISC

FLAT

For grinding flat surfaces

ROUND

For contour and edge grinding



- Tungsten Carbide chips are electroplated onto a metal disc
- Universal application for grinding all types of material
- Long lasting, extremly aggressive abrasive tool
- Compatible with all angle grinders and polishers

Diameter, mm	Type	Grit	Pcs/Pack	Cat. №
115	Flat	14	1	20009541800
115	Flat	24	1	20009541900
115	Flat	36	1	20009542000
125	Flat	14	1	20009542100
125	Flat	24	1	20009542200
125	Flat	36	1	20009542300
125	Round	14	1	20009542700
125	Round	24	1	20009542800
125	Round	36	1	20009542900
180	Flat	14	1	20009542400
180	Flat	24	1	20009542500
180	Flat	36	1	20009542600
180	Round	14	1	20009543000
180	Round	24	1	20009543100
180	Round	36	1	20009543200

ANTI-VIBRATION HANDLES

New Anti-vibration side handle – helps reduce vibration level and user fatigue by up to 40%

Used with	Pcs/Pack	Cat. №
All one-hand angle grinders with M8/L10 thread for side handle	1	20009682300
All two-hand angle grinders with M14/L12 thread for side handle	1	20009682200

WHEELS FOR BENCH GRINDERS

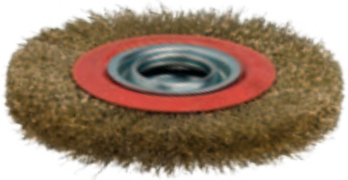
Grinding Wheels A 36 NV:

A- Material Aluminium Oxide;
36 - Grit number;
N - hardness level;
V - bond type: Vitrified

Diameter x Width x Bore, mm	Grit	Used with	Pcs/Pack	Cat. №
Wheels for light applications				
125 x 16 x 12.7	A36 NV	MBG 125L	1	20009571000
125 x 16 x 12.7	A60 MV	MBG 125L	1	20009571100
150 x 20 x 12.7	A36 NV	MBG 150L	1	20009571200
150 x 20 x 12.7	A60 MV	MBG 150L	1	20009571300
175 x 20 x 16	A36 NV	MBG 175L	1	20009571400
175 x 20 x 16	A60 MV	MBG 175L	1	20009571500
200 x 20 x 16	A36 NV	MBG 200L	1	20009571600
200 x 20 x 16	A60 MV	MBG 200L	1	20009571700
Wheels for industrial applications				
150 x 32 x 25	A24 PV	MBG 150	1	20009570100
150 x 32 x 25	A36 NV	MBG 150	1	20009570000
150 x 32 x 25	A60 MV	MBG 150	1	20009570200
175 x 32 x 25	A24 PV	MBG 175	1	20009570400
175 x 32 x 25	A36 NV	MBG 175	1	20009570300
175 x 32 x 25	A60 MV	MBG 175	1	20009570500
200 x 32 x 25	A24 PV	MBG 200	1	20009570700
200 x 32 x 25	A36 NV	MBG 200	1	20009570600
200 x 32 x 25	A60 MV	MBG 200	1	20009570800

WIRE BRUSH

Compatible with bench grinder MBGT 150



Diameter x Width x Bore, mm	Pcs/Pack	Cat. №
150 x 32 x 20	1	20009740000

NON-BURST, ANTI-ROTATION SAFETY GUARDS

FOR GRINDING

Diameter, mm	Used with	Pcs/Pack	Cat. №
115	Small range angle grinders	1	20008683500
125		1	20008683600
125	Medium range angle grinders	1	20008683700
150		1	20008683800
180	Large range angle grinders	1	20008683900
230		1	20008684000

FOR CUTTING

Diameter, mm	Used with	Pcs/Pack	Cat. №
115	Small range angle grinders	1	20008684100
125		1	20008684200
125	Medium range angle grinders	1	20008684300
150		1	20008684400
180	Large range angle grinders	1	20008684500
230		1	20008684600

SANDING BELT

Compatible with bench grinder MBGS 200

Size, mm	Grit	Pcs/Pack	Cat. №
914 x 100	40	3	20009903402
914 x 100	60	3	20009903502
914 x 100	80	3	20009903602
914 x 100	100	3	20009903702
914 x 100	120	3	20009903802

MAGNESIUM

Polishers/Sanders	96
Long Reach Sanders	102
Low Speed Polisher	104
Sanders	105
Grinders	107
Belt Sanders	111
Sheet Sanders	114
Accessories	117

Polishing, Sanding, Finishing

The Power in your hands

		Diamond Discs					
		Grinding Disc	Light PCD Cup Wheel	Cup Wheel	Wet	Dry	Fibrat®
		page 121		page 90	page 117		
page 96	**POLISHERS / SANDERS** 1010 ÷ 2400W 150 / 180 mm						
page 102	**LONG REACH SANDERS** 750W 200 / 225 mm						
page 104	**LOW SPEED POLISHER** 1200W 200 mm						
page 105	**DRYWALL SANDERS** 1200W 200 mm						
page 107	**STRAIGHT GRINDERS** 135 ÷ 800W M14 / Ø6 / Ø8 mm						
page 111	**BELT SANDERS** 750 ÷ 1200W 76x130 / 100x156 mm						
page 114	**ORBITAL SANDERS** 250 ÷ 550W 108 ÷ 150 mm						

This new range of drywall sanders, finishers and cleaning machines offers 2 different body types – short hand held machines and long reach machines for reaching walls and ceilings.

The range offers limitless opportunities for all types of sanding, polishing and cleaning applications.
All machines are light and robust using magnesium alloy and aircraft grade aluminium. Highly efficient motors with milled hardened gears for smoother, quieter operating. These machines are suitable for all types of grinding, cleaning and polishing and offer a wide range of operating speeds.

New: Wide range of accessories including grinding, sanding, cutting with industry standard fitting for SPARKY and all other professional machines.

Polishing, Cleaning, Finishing Discs (Hook&Loop)							Wheels	Brushes	Brushes	Sandpaper
Alfabrite®	Punched	Abranet®	Jöst®	Polishing Bonnet	Polishing Foam Pad	Sponge Disc	Flap	Polishing	Cleaning	
page 118							page 122			page 124
METAL		METAL	METAL	METAL	METAL	METAL				
METAL	METAL	METAL	METAL						METAL ALU PVC	
			PVC FIBREGLASS	PVC FIBREGLASS	PVC FIBREGLASS	PVC FIBREGLASS				
METAL	METAL	METAL	METAL	METAL	METAL	METAL			METAL ALU PVC	
							METAL ALU PVC	METAL ALU PVC		
										METAL ALU PVC
										METAL ALU PVC FIBREGLASS

SPARKY PROFESSIONAL

HEAVYDUTY

PM 1026CE HD PROFESSIONAL | PM 1324CE HD PROFESSIONAL | PM 1631CE HD PROFESSIONAL

- High torque, high efficiency motor
- Optimum motor cooling for extended tool life
- Electronic speed pre-selection
- Softstart with restriction of starting current
- Constant electronics to maintain constant speed under load
- Safety switch to prevent accidental switching on. Lock-on function
- Safety restart cut out
- Dust sealed spindle and bearings
- Closed front handle for precise operation and improved control
- Soft grip rear handle
- Magnesium alloy gearbox
- Spindle lock button for convenient disc replacement
- Autostop-brushes

Electronic speed pre-selection

Comes complete with: Flexible backing pad, Polishing disk, Closed front handle with 2 bolts and washers

TECHNICAL DATA		PM 1026CE	PM 1324CE	PM 1631CE	
Flexible backing pad, max.:	mm	150	150	150	
No load rpm:	min^{-1}	800–2600	400–2400	400–2400	600–3100
Spindle thread:		M14	M14	M14	
Weight:	kg	3.4	3.7	3.7	
Voltage:	V	230V~50Hz	230V~50Hz	110~50Hz	230V~50Hz
Power input:	W	1010	1300	1300	1600
Cat. №		**12000111410**	**12000111510**	**12000111610** (230V EU) **12121111610** (110V UK) **12120111610** (230V UK)	

SPARKY PROFESSIONAL

HEAVYDUTY

PMB 1632 HD PROFESSIONAL

PMB 1655 HD PROFESSIONAL

- High torque, high efficiency motor
- Optimum motor cooling for extended tool life
- Softstart with restriction of starting current
- Safety switch to prevent accidental switching on. Lock-on function
- Dust sealed spindle and bearings
- Closed front handle for precise operation and improved control
- Soft grip rear handle
- Magnesium alloy gearbox
- Spindle lock button for convenient disc replacement
- Autostop-brushes

Comes complete with: Flexible backing pad, Closed front handle with 2 bolts and washers, Support washer, Lock nut, Lock nut spanner

TECHNICAL DATA		PMB 1632	PMB 1655
Flexible backing pad, max.:	mm	180	180
No load rpm:	min^{-1}	3200	5500
Spindle thread:		M14	M14
Weight:	kg	3.6	3.6
Power input:	W	1600 (230V~50Hz)	1600 (230V~50Hz)
Cat. №		**12000111712**	**12000111812**

DIAMOND DISCS

High performance diamond discs provide a professional polish on granite, marble and other natural stones.

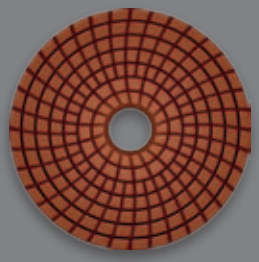
Higher output than traditional abrasives

Longer service life

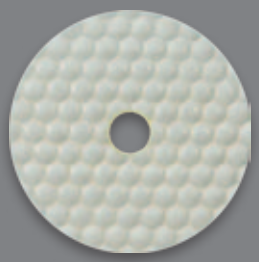
High mechanical resilience

Excellent scratch-free results and consistency

FOR WET POLISHING



FOR DRY POLISHING



FLEXIBLE BACKING PAD

Refer to Page 117

SPARKY PROFESSIONAL

HEAVYDUTY

PMB 2030E HD PROFESSIONAL | PMB 2230E HD PROFESSIONAL | PMB 2430E HD PROFESSIONAL

- High torque, high efficiency motor
- Optimum motor cooling for extended tool life
- Electronic speed pre-selection
- Softstart with restriction of starting current
- Safety switch to prevent accidental switching on. Lock-on function
- Safety restart cut out
- Dust sealed spindle and bearings
- Powder coated rotor and stator for efficient dust protection
- Protection basket for rotor winding against sharp dust
- Closed front handle for precise operation and improved control
- Soft grip rear handle
- Magnesium alloy gearbox
- Spindle lock button for convenient disc replacement
- Autostop-brushes

Comes complete with: Flexible backing pad, Sanding disc, Polishing bonnet, Closed front handle with 2 bolts and washers, Support washer, Lock nut, Lock nut spanner

TECHNICAL DATA		PMB 2030E	PMB 2230E	PMB 2430E
Flexible backing pad, max.:	mm	180	180	180
No load rpm:	min^{-1}	500–3000	500–3000	500–3000
Spindle thread:		M14	M14	M14
Weight:	kg	4.9	4.8	5.4
Power input:	W	2000 (230V~50Hz)	2200 (230V~50Hz)	2400 (230V~50Hz)
Cat. №		**12000111101**	**12000111201**	**12000111301**

SPARKY PROFESSIONAL

HEAVYDUTY

Anti Vibration

PMB 1200CE HD PROFESSIONAL

- Compact and lightweight design
- Electronic speed pre-selection
- Softstart with restriction of starting current
- Constant electronics to maintain constant speed under load
- Safety switch to prevent accidental switching on. Lock-on function
- Safety restart cut out
- Thermal overload protection
- Durable milled hardened gears
- Gearbox protective cover
- Magnesium alloy gearbox
- Spindle lock button for convenient disc replacement
- Autostop-brushes

Comes complete with: Flexible backing pad, side handle, protective cover

Options: Anti-vibration side handle, **Cat. № 12000110411** (230V EU)

TECHNICAL DATA		PMB 1200CE
Flexible backing pad, max.:	mm	150
No load rpm:	min^{-1}	600–2800
Spindle thread:		M14
Weight:	kg	2.9
Power input:	W	1200 (110V~50Hz); (230V~50Hz)
Cat. №		**12000110402** (230V EU); **10121110405** (110V UK)

QUICK CHANGE HOOK & LOOP ACCESSORIES

For more information refer to Page 120

SPARKY PROFESSIONAL

HEAVYDUTY

New

Anti Vibration

SM 1236CES Plus HD PROFESSIONAL

- Compact and lightweight design
- Electronic speed pre-selection
- Softstart with restriction of starting current
- Constant electronics to maintain constant speed under load
- Safety switch with lock on function
- Safety restart cut out
- Thermal overload protection
- Durable milled hardened gears
- Anti-vibration side handle
- Magnesium alloy gearbox
- Spindle lock button for convenient disc replacement
- Autostop-brushes

Electronic speed pre-selection

Comes complete with: Flexible backing pad, Anti-vibration side handle, Polishing disc

TECHNICAL DATA		SM 1236CES Plus
Flexible backing pad, max.:	mm	150
No load rpm:	min^{-1}	800–3600
Spindle thread:		M14
Weight:	kg	2.4
Power input:	W	1200 (230V~50Hz)
Cat. №		**12000221507**

SPARKY PROFESSIONAL

HEAVYDUTY

New

SM 1433CES Plus HD PROFESSIONAL

- Compact and lightweight design
- Electronic speed pre-selection
- Softstart with restriction of starting current
- Constant electronics to maintain constant speed under load
- Safety switch to prevent accidental switching on. Lock-on function
- Safety restart cut out
- Thermal overload protection
- Durable milled hardened gears
- Front handle for improved control
- Soft grip rear handle
- Magnesium alloy gearbox
- Spindle lock button for convenient disc replacement
- Autostop-brushes

Options: Closed front handle, Flexible backing pad, Polishing disc

Cat. №: 12000221609

Comes complete with: Front handle, Flexible backing pad, Polishing disc

TECHNICAL DATA		SM 1433CES Plus
Flexible backing pad, max.:	mm	150
No load rpm:	min^{-1}	700-3300
Spindle thread:		M14
Weight:	kg	2.4
Power input:	W	1400 (230V~50Hz)
Cat. №		**12000221614**

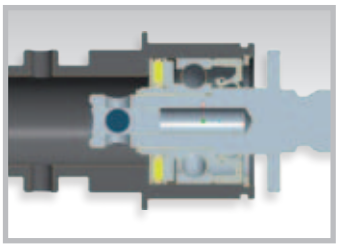
WIDE RANGE OF ACCESSORIES

Polishing discs, pads and bonnets with hook & loop backing for polishing and finishing of various types of surfaces.

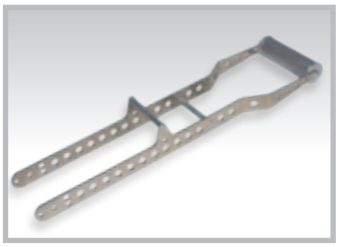
Refer to Page 117/120 ▸

MAIN CONSTRUCTION CHARACTERISTICS

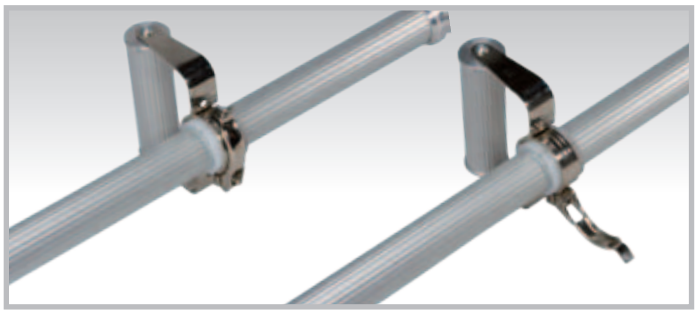
- **High reliability motor ideal for grinding, cleaning and polishing of walls, ceilings and floors.** Reliable and dustproof bearing assembly of spindle – axial bearing/ dustproof bearing with sealing ring and shaft seal.



- **Additional rear handle for more convenience when working at a long distance from the treated surface.** Depending on the height of the worker and type of the specific operation performed the handle can be easily adjusted.



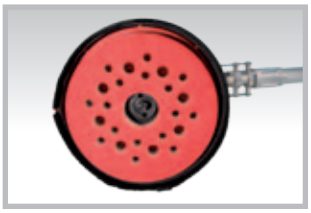
- Easily adjustable front handle can be positioned anywhere on this section of the shaft



- **Easy change accessories** (diamond grinding discs, sandpaper, brushes) for coarse, medium or final treatment of gypsum plaster, concrete, marble, walls, flooring, tiles, etc.

- **Dust protection provided by:**

- safety guard with brush rim;
- dust extraction port;
- use of professional vacuum cleaner.



For more information refer to Page 154

SPARKY PROFESSIONAL

HEAVYDUTY

ACROBAT

SM 712CE • SMA 712CE HD PROFESSIONAL

- Ideal for grinding, cleaning and polishing of walls, ceilings and floors
- Easy and precise control with optimal weight
- Variable speed control with soft start
- Constant electronics for constant speed even under load
- Magnesium alloy gearbox
- Quick change hook & loop accessories
- Articulating sanding head can be adjusted to every tilt and angle
- Industry standard M14 fitting for all accessories

SM 717CE • SMA 717CE HD PROFESSIONAL

- Universal mounted sanding head and soft backing pad helps prevent grooving and scratching
- Additional rear handle for extended reach
- Tool-free position adjustment side handle
- Auto-stop brushes
- Double insulation
- Virtually limitless polishing, cleaning and sanding

Comes complete with: Flexible backing pad, Protective cover with brush rim, Assorted sanding discs and nets, Hose (32 mm inner diamenter, 4 m long), Dust extraction adapter, Support washer, Lock nut M14, Lock nut spanner, Hex wrench set, 4 disc centering guides, Carry bag

TECHNICAL DATA		SM 712CE	SMA 712CE	SM 717CE	SMA 717CE
Backing pad:	mm	190	190	190	190
Sanding disc:	mm	200	225	200	225
Diamond cup wheel:	mm	178	178	178	178
No load rpm:	min^{-1}	350–1400	350–1400	350–1400	350–1400
Tool length:	mm	1200	1200	1700	1700
Dust extraction port diameter:	mm	35	35	35	35
Spindle thread:		M14	M14	M14	M14
Weight:	kg	4.6	4.6	4.9	4.9
Power input:	W	750 (230V~50Hz)	750 (230V~50Hz)	750 (230V~50Hz)	750 (110V~50Hz) 750 (230V~50Hz)
Cat. № (230V EU)		**12000220401**	**12000220501**	**10000220201**	**12000220301**
OPTIONS:		Cat. №	Cat. №	Cat. №	Cat. №
Carton box, 8 pcs. sanding pads, tool kit, set of discs:					**12121220303** (110V UK) **12120220303** (230V UK)

SPARKY PROFESSIONAL

Compact and lightweight design

HEAVYDUTY

Electronic speed pre-selection with soft start

PM 1212CES Plus HD PROFESSIONAL

- Ideal for sensitive surfaces such as acryil and water paints, glass-fibre reinforced plastics, glass, stone
- Two stage mechanical gear reduction for low speed/high torque
- Electronic speed pre-selection
- Softstart with restriction of starting current
- Constant electronics to maintain constant speed under load
- Safety switch with lock on function
- Safety restart cut out
- Thermal overload protection
- Durable milled hardened gears
- Magnesium alloy gearbox
- Quick change hook & loop accessories
- Front handle for improved control
- Autostop-brushes

TECHNICAL DATA		PM 1212CES Plus
Flexible backing pad, max.:	mm	180
No load rpm:	min^{-1}	240–1250
Spindle thread:		M14
Weight:	kg	2.7
Power input:	W	1010 (110V~50Hz), 1200 (230V~50Hz)
Cat. №		**12000112113** (230V EU)

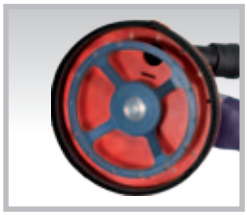
Comes complete with: Flexible backing pad, Polishing bonnet, Polishing sponge, D-handle

Options: Carry case,
Cat. № 12000112152 (230V EU)
10121112152 (110V UK)
10120112152 (230V UK)

SPARKY PROFESSIONAL

HEAVYDUTY

Electronic speed pre-selection with soft start



SM 1212CES Plus HD PROFESSIONAL

SMA 1212CES Plus HD PROFESSIONAL

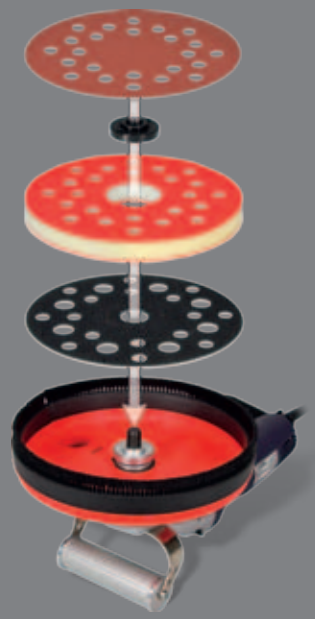
- Ideal for dry sanding, polishing and finishing of walls, floors, natural stone and sensitive surfaces
- Two stage mechanical gear reduction for low speed/high torque
- Electronic speed pre-selection
- Softstart with restriction of starting current
- Constant electronics to maintain constant speed under load
- Safety switch with lock on function
- Safety restart cut out
- Thermal overload protection
- Durable milled hardened gears
- Dust reducing brush guard and protective cover
- Efficient dust extraction in connection with suitable vacuum cleaner
- Suitable to use with diamond cup wheel and grinding disc
- Magnesium alloy gearbox
- Quick change hook & loop accessories
- Front handle for improved control
- Autostop-brushes

Comes complete with: Flexible backing pad, Protective cover with brush ring, Assorted sanding discs, Support washer, Lock nut M14, Lock nut spanner, Dust extraction adapter, Vacuum hose guide

Options (SM 1212CES Plus): Carry case,
Cat. № 12000221353 (230V EU)
10121221353 (110V UK), **10120221353** (230V UK)

TECHNICAL DATA		SM 1212CES Plus	SMA 1212CES Plus
Disc diameter:	mm	200	225
Sanding disc:	mm	200	225
Brush:	mm	200	225
No load rpm:	min^{-1}	240–1250	240–1250
Torque	Nm	7	7
Spindle thread:		M14	M14
Weight:	kg	3.2	3.2
Power input:	W	1010 (110V~50Hz) 1200 (230V~50Hz)	1200 (230V~50Hz)
Cat. №		**12000221302** (230V EU)	**12000221402** (230V EU)

INDUSTRY STANDARD M14 FITTING FOR ALL ACCESSORIES



For more information refer to Page 121 ›

SPARKY PROFESSIONAL

Ultra-flat grinding head – only 15 mm

HEAVYDUTY

Electronic speed pre-selection with soft start

SM 728E HD PROFESSIONAL

SMA 728E HD PROFESSIONAL

- For sanding and polishing hard to access and confined spaces, e.g., window shutters, slots and crevices
- Light and ergonomic construction
- Electronic speed pre-selection
- Softstart with restriction of starting current
- Safety switch with lock on function
- Quick change hook & loop accessories
- Front handle for improved control
- Magnesium alloy gearbox
- Autostop-brushes

Quick change hook & loop accessories

Comes complete with: Sanding attachment, Front D-handle

TECHNICAL DATA		SM 728E	SMA 728E
Disc diameter:	mm	110	150
Sanding disc:	mm	110	150
No load rpm:	min^{-1}	750 – 2450	750 – 2450
Weight:	kg	2.7	2.7
Power input:	W	750 (230V~50Hz)	750 (230V~50Hz)
Cat. №		**12000221005**	**12000221804**

MKL 800CES Plus HD PROFESSIONAL

LIGHT AND COMPACT TOOL

HEAVYDUTY

Comes complete with: Collets, Ø6 mm and Ø8 mm, Lock nut, 2 spanners

TECHNICAL DATA		MKL 800CES Plus
No load rpm:	min^{-1}	7000–27000
Max. wheel diameter at 45 m/s	mm	25
Collets:	mm	Ø6 / Ø8
Journal diameter:	mm	43
Weight:	kg	1.8
Power input:	W	800 (230V~50Hz)
Cat. №		**12000100602**

Electronics feature:

- Electronic device with softstart, speed pre-selector and variable tacho-controlled constant electronics maintaining constant RPM regardless of the load
- Short-time overload protection (for sudden jamming of the disc)
- Thermal overload protection and safety restart cut out

SPARKY PROFESSIONAL

MK 550E PROFESSIONAL

- Electronic speed pre-selection
- Light and compact tool for one hand operation
- Possibility for stationary use with Ø43 mm and Ø35 mm journal
- Safety switch with lock on function
- Auto-stop brushes

Comes complete with: Collets Ø6 mm and Ø8 mm, Lock nut, 2 spanners

TECHNICAL DATA		MK 550E
No load rpm:	min^{-1}	8000–33000
Max. wheel diameter at 45 m/s	mm	25
Collets:	mm	Ø6 / Ø8
Journal diameter:	mm	43
Weight:	kg	1.1
Power input:	W	550 (230V~50Hz)
Cat. №		**10000100101**

MKL 550E PROFESSIONAL

- Magnesium alloy gearbox
- Long body version

Comes complete with: Collets Ø6 mm and Ø8 mm, Lock nut, 2 spanners

TECHNICAL DATA		MKL 550E
No load rpm:	min^{-1}	10000–33000
Max. wheel diameter at 45 m/s	mm	25
Collets:	mm	Ø6 / Ø8
Journal diameter:	mm	43 / 35
Weight:	kg	1.4
Power input:	W	550 (230V~50Hz)
Cat. №		**10000100402**

SPARKY PROFESSIONAL

HEAVYDUTY

MKL 755CE HD PROFESSIONAL

- Straight burnishing machine with extended spindle
- Ideal for burnishing/polishing inner and outer surfaces in combination with flap accessories
- Electronic speed pre-selection with softstart
- Constant electronics
- Two stage mechanical gear reduction for low speed/high torque
- Long neck design for reaching of confined spaces
- Additional front handle for optimum control
- Lightweight/well balanced for fatique-free operation
- Magnesium alloy gearbox
- Auto-stop brushes

Polishing Brushes

Flap Wheel

For more information refer to Page 122

Comes complete with: 2 flap wheels, Adapter M14/M8, Collets 6/8 mm, Double D-handle, Locking nut, Spanner

TECHNICAL DATA		MKL 755CE
Max. flap wheel diameter:	mm	110
No load rpm:	min^{-1}	350–1400
Tool holder:	mm	M14 / Ø6 / Ø8
Weight:	kg	2.4
Power input:	W	750 (230V~50Hz)
Cat. №		**12000230403**

SMD 1236CES Plus HD PROFESSIONAL

- Compact and lightweight design
- Versatile burnishing and polishing machine for optimum finishing of various materials
- Electronic speed pre-selection
- Softstart with restriction of starting current
- Constant electronics to maintain constant speed under load
- Safety switch with lock on function
- Safety restart cut out
- Thermal overload protection
- Durable milled hardened gears
- Anti-vibration side handle
- Magnesium alloy gearbox
- Spindle lock button for convenient accessory changes
- Auto-stop brushes

Comes complete with: Flap wheel Ø110x100 mm coarse burnishing, Flap wheel Ø110x100 mm fine burnishing, Anti-vibration side handle, Safety guard, Spanner, 2 hex keys

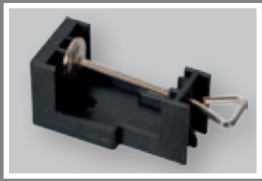
TECHNICAL DATA		SMD 1236CES Plus
Max. flap wheel diameter:	mm	110
No load rpm:	min^{-1}	800–3600
Tool holder:	mm	M14
Weight:	kg	2.6
Power input:	W	1200 (230V~50Hz)
Cat. №		**12000206516**

SPARKY PROFESSIONAL

New

MK 135E PROFESSIONAL

Flexible Extender



Hanger vice

Telescopic hanger

- Compact lightweight body
- Spindle lock button for covenient tool replacement
- Electronic speed pre-selection
- Hanging hook

Comes complete with: Carry case, Extender, Telescopic hanger, Hanger vice, Set of accessories and attachments

TECHNICAL DATA		MK 135E
No load rpm:	min^{-1}	10000–32000
Weight:	kg	0.6
Power input:	W	135 (230V~50Hz)
Cat. №		**13000100751**

SPARKY PROFESSIONAL

New

MBS 776 PROFESSIONAL

- Lightweight and compact design
- Ergonomic front handle
- Toolfree belt track adjustment
- Quick grip belt system
- Dust extraction with dust bag
- Dust extraction adapter

Belt rotation direction indicator

Large quick release belt lever

Front belt roller

Comes complete with: Sanding belt, Dust bag, Dust extraction adapter

TECHNICAL DATA		MBS 776
Belt rpm:	m/min	230
Sanding area:	mm	76 x 130
Belt size:	mm	76 x 457
Weight:	kg	2.9
Power input:	W	750 (230V~50Hz)
Cat. №		**13000141708**

SPARKY PROFESSIONAL

MBS 976E

MBS 976 PROFESSIONAL

MBS 976E PROFESSIONAL

- Electronic speed pre-selection (MBS 976E)
- Can be used with suitable inversion clamps or sanding frame for stationary use
- Aluminium alloy drive belt cover
- Tool free belt track adjustment
- Quick grip belt system
- Lock-on switch
- Ergonomic soft-grip handles
- Dust extraction with dust bag
- Dust extraction adapter

Comes complete with: **MBS 976:** 1 sanding belt, Dust collection bag

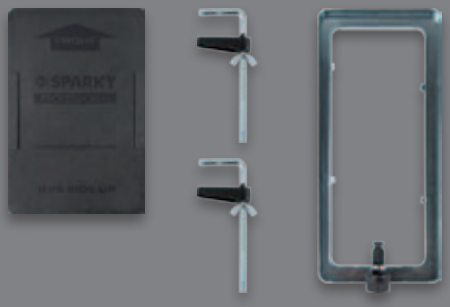
MBS 976E: Carry case, 5 assorted sanding belts, Dust collection bag

Options: Anti slip mat, 2 inversion clamps, **Cat. №: 13121140851 (110V UK); 13120140851 (230V UK)**

TECHNICAL DATA		MBS 976	MBS 976E
Belt rpm:	m/min	340	160–340
Sanding area:	mm	76 x 130	76 x 130
Belt size:	mm	76 x 533	76 x 533
Weight:	kg	3.4	3.4
Power input:	W	900 (230V~50Hz)	900 (110V~50Hz); 900 (230V~50Hz)
Cat. №		**13000140703** (230V EU)	**13000140850** (230V EU)

ACCESSORIES

Anti slip mat, Inversion clamps - 2 pcs. and Sanding frame (sold seperately) for stationary use.



The sanding frame enables the entire assembly to glide over uneven surfaces and prevents sander tilting and gouging. When flatness is important and the surface is large, like a floor or a table top, always use the sanding frame.

Pcs/Pack	Cat. №
5	20009701014

SPARKY PROFESSIONAL

Lock-on switch
for continuous operation

MBS 1100 PROFESSIONAL

MBS 1100E PROFESSIONAL

- Electronic speed pre-selection (MBS 1100E)
- Can be used with suitable inversion clamps or sanding frame for stationary use
- Aluminium cast base
- Tool free belt track adjustment
- Quick grip belt system
- Lock-on switch
- Ergonomic soft-grip handles
- Dust extraction with dust bag

Large quick release
belt lever

Comes complete with: 1 sanding belt, Dust collection bag

TECHNICAL DATA		MBS 1100
Belt rpm:	m/min	400
Sanding area:	mm	100 x 156
Belt size:	mm	100 x 610
Weight:	kg	5.3
Power input:	W	1100 (230V~50Hz)
Cat. №		**13000141403**

Comes complete with: 5 assorted sanding belts, Dust collection bag, Anti slip mat and 2 pcs. inversion clamps

TECHNICAL DATA		MBS 1100E
Belt rpm:	m/min	200–400
Sanding area:	mm	100 x 156
Belt size:	mm	100 x 610
Weight:	kg	5.3
Power input:	W	1200 (230V~50Hz)
Cat. №		**13000141507**

SPARKY PROFESSIONAL

EX 125E PROFESSIONAL

- Electronic speed pre-selection
- Switch with lock on function
- Ergonomic soft-grip handle
- Random orbit action plus rotation for fast and smooth finishing
- Dust extraction facility with dust bag or vacuum cleaner
- Live tool indicator when plugged into the power supply
- Double insulation

Vacuum cleaner adapter

Refer to Page 154 ›

Quick-change hook & loop accessories

Refer to Page 124 ›

EX 150E PROFESSIONAL • EX 150CE PROFESSIONAL

- Constant electronics (EX 150CE)
- Trigger switch with lock on function
- Aluminium alloy base with integral dust extraction
- Adjustable front handle

SANDING PAPER HOLE PUNCH and assembly guides. Used for precise sand paper installing and punching holes in standard sand paper sheets ›

Comes complete with: **EX 125E, EX 150E:** Sanding sheet, Dust collection bag, Dust extraction adapter, Paper hole punch
EX 150CE: Carry case, Sanding sheet, Dust collection bag, Dust extraction adapter, Paper hole punch

TECHNICAL DATA		EX 125E	EX 150E	EX 150CE
Pad size:	mm	125	150	150
No load rpm:	min^{-1}	7000–14000	6000–12000	4000–10000
Eccentricity:	mm	2.5	2.5	2.5
Weight:	kg	1.7	2.2	2.2
Power input:	W	320 (110V~50Hz); (230V~50Hz)	500 (230V~50Hz)	550 (230V~50Hz)
Cat. №		**13000140104** (230V EU) **13121140104** (110V UK) **13120140104** (230V UK)	**13000141206** (EU)	**13000141353** (EU)

SPARKY PROFESSIONAL

MP 250 PROFESSIONAL

MP 251 PROFESSIONAL

- Switch with lock on function
- Ergonomic soft-grip handle
- Quick-change hook & loop accessories
- Dust extraction facility with dust bag or vacuum cleaner
- Live tool indicator when plugged into the power supply
- Vacuum cleaner adapter
- Double insulation

Comes complete with:
MP 250: Sanding sheet, Dust collection bag, Dust extraction adapter, Paper hole punch
MP 251: Carry case, Assorted sand paper, 3 sanding bases, 4 foam pads, Screwdriver, Dust collection bag, Dust extraction adapter, Paper hole punch

TECHNICAL DATA		MP 250	MP 251
Pad size:	mm	108 x 112	☐ 108 x 112; ▭ 162 x 112; ◁ 196 x 112
No load rpm:	min^{-1}	14000	14000
Eccentricity:	mm	1.5	1.5
Weight:	kg	1.55	1.55
Power input:	W	250 (110V~50Hz) 250 (230V~50Hz)	250 (230V~50Hz)
Cat. №		**13000140904** (230V EU) **13121140904** (110V UK) **13120140904** (230V UK)	**13000141152** (EU)

MP 251 Multi Sander features:

- Large rectangular sheet hook & loop sanding plate
- Rectangular sheet / detail sanding plate
- Triangular sheet sanding plate
- Both additional base plates have double sided sanding facility

MP 250 Clamping system for ordinary sand paper usage

MP 250 Sanding sheet hole punch

Used for precise sand paper installing and punching holes in standard sand paper sheets

Refer to Page 124 ›

SPARKY PROFESSIONAL

MP 450E PROFESSIONAL

- Electronic speed pre-selection
- Trigger switch with lock on function
- Ergonomic soft-grip handle
- Adjustable front handle
- Quick change hook & loop accessories
- Clamping system for ordinary sand paper usage
- Dust extraction facility with dust bag or vacuum cleaner
- Live tool indicator when plugged into the power supply
- Vacuum cleaner adapter

Sanding sheet hole punch

Used for precise sand paper installing and punching holes in standard sand paper sheets

For more information refer to Page 124 ›

Comes complete with: Sanding sheet, Dust collection bag, Dust extraction adapter, Paper hole punch

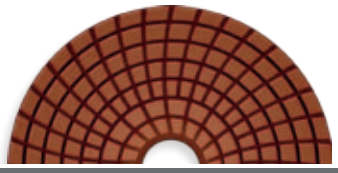
TECHNICAL DATA		MP 450E
Pad size:	mm	113 x 226
No load rpm:	min^{-1}	7000–12000
Eccentricity:	mm	2.5
Weight:	kg	2.8
Power input:	W	450 (230V~50Hz)
Cat. №		**13000141004** (EU); **13020141004** (UK)

DIAMOND DISCS

- High level performance due to top quality diamonds with multiple cutting surfaces.
- The Polishing Pad's bond achieves a balance of flexibility and strength. Unique resin bond holds diamonds in place until their useful life is exhausted, providing extended pad life. The bond also has good flexibility keeping the pad in constant contact with the work surface.
- Hook & Loop backing allows for fast disc changes
- Disc backs are color-coded for easy grit size identification

FOR WET POLISHING

- Wet polishing pads offer superior polish
- Minimize dust when polishing
- Flexible, durable design offers longer life



Diameter, mm	Grit	Pcs/Pack	Cat. №
100	50	1	20009594700
100	100	1	20009596600
100	200	1	20009596700
100	400	1	20009595000
100	800	1	20009595200
100	1500	1	20009596800
100	3000	1	20009596900

Grit 50; 100

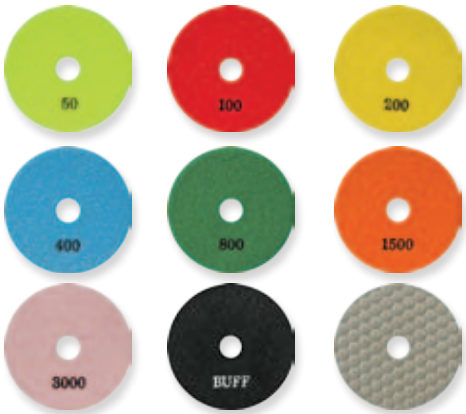
Grit 200; 400

Grit 800; 1500; 3000

FOR DRY POLISHING

- Dry polishing pads allow the convenience of jobsite touch-ups
- No need for water
- Ideal for seeing polish as you progress through the grits
- Flexible, durable design

Diameter, mm	Grit	Pcs/Pack	Cat. №
100	50	1	20009904000
100	100	1	20009904100
100	200	1	20009904200
100	400	1	20009904300
100	800	1	20009904400
100	1500	1	20009904500
100	3000	1	20009904600
100	Buff	1	20009903900



FLEXIBLE BACKING PAD

- Compatible with polishers / sanders
- Use with hook & loop accessories

Diameter, mm	Thread	Pcs/Pack	Cat. №
100	M14	1	20009806800
150	M14	1	20009805000
180	M14	1	20009805100

Grit	Type	Application
40-60	Coarse	Heavy sanding, stripping and roughing
80-120	Medium	Surface smoothing, removing smaller imperfections and marks
150-180	Fine	Final pass before finishing
220-240	Very Fine	Polishing between coats of stain or sealer
280-320	Extra Fine	Removing dust spots or marks between finish coats

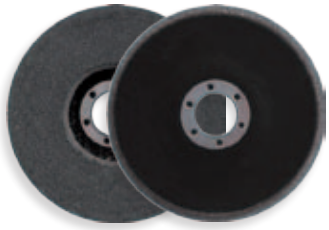
FIBRAT® – CLEANING AND FINISHING DISC

Application	Diameter, mm	Grit	Pcs/Pack	Cat. №
Hook & loop backing Efficient finishing pad for cleaning, buffing and finishing Designed for wet or dry cleaning and finishing of stone, concrete, plaster and metal	150	Fine	3	20009589802
	150	Medium	3	20009589702
	150	Coarse	3	20009589602
	150	Set – fine, medium, coarse	3	20009592414
	200	Fine	3	20009590102
	200	Medium	3	20009590002
	200	Coarse	3	20009589902
	200	Set – fine, medium, coarse	3	20009592514
	225	Fine	3	20009592802
	225	Medium	3	20009592702
	225	Coarse	3	20009592602
	225	Set – fine, medium, coarse	3	20009592914

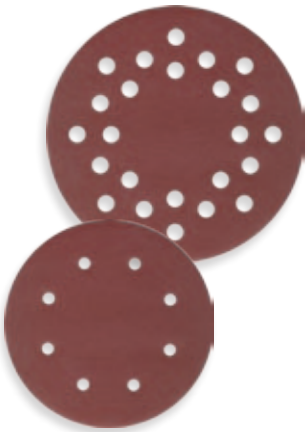
ALFABRITE® – SURFACE CONDITIONING DISC

Application	Diameter, mm	Grit	Pcs/Pack	Cat. №
Hook & loop backing Efficient abrasive pad for stripping, sanding and surface preparation Designed for wet or dry cleaning and removing any residual fine scratches and marks in various materials	150	Fine	3	20009589202
	150	Medium	3	20009589102
	150	Coarse	3	20009589002
	150	Set – fine, medium, coarse	3	20009594514
	200	Fine	3	20009589502
	200	Medium	3	20009589402
	200	Coarse	3	20009589302
	200	Set – fine, medium, coarse	3	20009593014
	225	Fine	3	20009593302
	225	Medium	3	20009593202
	225	Coarse	3	20009593102
	225	Set – fine, medium, coarse	3	20009593414

COMPACT DISCS



Application	Diameter x thickness, mm	Grit	Pcs/Pack	Cat. №
Polishing	115x15x22,23	Fine	1	20009801600
Cleaning/Polishing	115x15x22,23	Medium	1	20009801700
Burnishing	115x15x22,23	Coarse	1	20009801800

SANDING DISCS – punched	Application	Diameter, mm	Grit	Cat. № (10 pcs)	Cat. № (50 pcs)
	Punched for dust extraction Hook & loop backing Aluminium oxide Suitable for a wide variety of application like removing small amounts of material, whole layers or just roughening the surface For sanding filler, drywall construction, plaster, wood, primers and paint	150	P 40	20009590609	20009590611
		150	P 60	20009590709	20009590711
		150	P 80	20009590809	20009590811
		150	P 100	20009590909	20009590911
		150	P 120	20009591009	20009591011
		150	P 150	20009591109	20009591111
		150	P 180	20009591209	20009591211
		150	P 220	20009591309	20009591311
		200	P 40	20009591409	20009591411
		200	P 60	20009591509	20009591511
		200	P 80	20009584209	20009584211
		200	P 100	20009584309	20009584311
		200	P 120	20009584409	20009584411
		200	P 150	20009584509	20009584511
		200	P 180	20009584609	20009584611
		200	P 220	20009584709	20009584711
		225	P 40	20009591609	20009591611
		225	P 60	20009591709	20009591711
		225	P 80	20009584809	20009584811
		225	P 100	20009584909	20009584911
		225	P 120	20009585609	20009585611
		225	P 150	20009585709	20009585711
		225	P 180	20009585809	20009585811
		225	P 220	20009585909	20009585911

SANDING DISCS – ABRANET®	Application	Diameter, mm	Grit	Pcs/Pack	Cat. №
	Hook & loop backing Aluminium Oxide For effective dust extraction reducing clogging the disc surface Durable and longer-lasting than traditional paper products Suitable for all type of sanders and polishers For faster stock removal For sanding filler, putty, primers, lacquers, composite materials and wood	150	P 80	10	20009591809
		150	P 100	10	20009591909
		150	P 120	10	20009592009
		150	P 150	10	20009592109
		150	P 180	10	20009592209
		150	P 240	10	20009592309
		200	P 80	10	20009582209
		200	P 100	10	20009582309
		200	P 120	10	20009582409
		200	P 150	10	20009586809
		200	P 180	10	20009586909
		200	P 240	10	20009587009
		225	P 80	10	20009587109
		225	P 100	10	20009587209
		225	P 120	10	20009587309
		225	P 150	10	20009587409
		225	P 180	10	20009587509
		225	P 240	10	20009587609

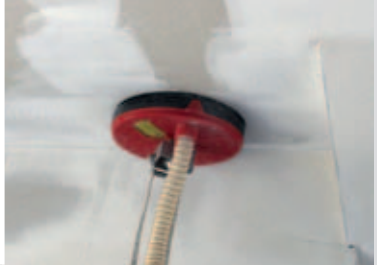
JÖST® FINISHING PAD	Application	Diameter, mm	Grit	Pcs/Pack	Cat. №
	Hook & loop backing Unique construction offers first class finish for wet and dry sanding and finishing Suitable for all type of sanders and polishers Allows continuous dust extraction over the entire pad surface For effective dust extraction reducing clogging the disc surface and aiding suction	200	P 40	10	20009582509
		200	P 60	10	20009582609
		200	P 80	10	20009582709
		200	P 100	10	20009582809
		200	P 120	10	20009582909
		200	P 150	10	20009583009
		200	P 180	10	20009583109
		200	P 220	10	20009583209
		225	P 40	10	20009586009
		225	P 60	10	20009586109
		225	P 80	10	20009586209
		225	P 100	10	20009586309
		225	P 120	10	20009586409
		225	P 150	10	20009586509
		225	P 180	10	20009586609
		225	P 220	10	20009586709

POLISHING BONNET & PAD	Application	Diameter, mm	Pcs/Pack	Cat. №
	For buffing and final polishing Use with support pad	**DRAWSTRING**		
		Lambs wool polishing bonnet		
		160	1	20009801900
		200	1	20009800300
		Synthetic polishing bonnet		
		125	1	20009802500
		160	1	20009802600
		HOOK & LOOP		
		Lambs wool polishing bonnet		
		160	1	20009802700
		200	1	20009802800
		Synthetic polishing bonnet		
		125	1	20009584000
		160	1	20009800400

POLISHING FOAM PAD	Application	Diameter, mm	Pcs/Pack	Cat. №
	Hard wearing, medium density pad for polishing and compound applications. Use with support pad	200	1	20009800600

FOAM BACKING PAD	Application	Diameter, mm	Pcs/Pack	Cat. №
	Adapter for all types of hook & loop accessories Suitable for all SPARKY drywall sanders	200	1	20009801300

SPONGE DISC	Application	Diameter, mm	Pcs/Pack	Cat. №
	Large surface finishing sponge for final finishing of traditional thin-coat gypsum, plaster, lime and cement based renders For wet and dry application Suitable for variable speed machines	200	1	20009800700
		EXTRA DURABLE		
		200	1	20009801000



DIAMOND GRINDING DISC

- Effiicient controlled stock removal
- Lightweight
- Designed for floor preparation, e.g. concrete
- Compatible with long reach sanders

Diameter, mm	Grit	Pcs/Pack	Cat. №
180	P25	1	20009541200
180	P 50	1	20009541300
180	P100	1	20009541400
180	P150	1	20009541500
180	P200	1	20009541600

LIGHT PCD CUP WHEEL

- Quick and efficient removal of thin coatings and slightly abrasive materials
- Reduced weight, which makes it perfect for ceiling preparation with SPARKY Acrobat
- Residues on concrete or screed, rubber coatings

Diameter, mm	Number of segments	Pcs/Pack	Cat. №
125	10	1	20009543500
180	12	1	20009540400
180	14	1	20009543600
180	18	1	20009541700

POLISHING, CLEANING & FINISHING ACCESSORIES

SAFETY GUARD ①

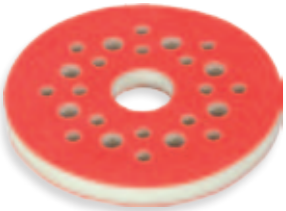
Diameter, mm	Pcs/Pack	Cat. №
200	1	20009685500
225	1	20009685600

BASE PLATE ②

Hook & loop backing
For fixing of flexible backing pads on the sanding head
Suitable for all SPARKY drywall sanders and polishers with sanding diameter 200 and 225 mm

Diameter, mm	Pcs/Pack	Cat. №
190	1	20009801500

SUPPORT PAD ③



Hook & loop backing

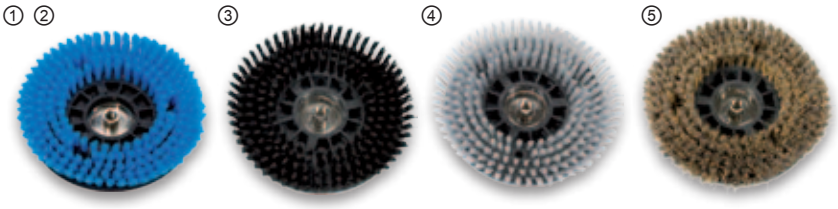
Adapter for sanding sheets

Suitable for all SPARKY drywall sanders and polishers

Diameter, mm	Pcs/Pack	Cat. №
195	1	20009806300
215	1	20009806400

ROTARY CLEANING BRUSH

- Suitable for wet and dry cleaning and polishing of all types of surfaces including paving slabs, brickwork, flooring and decking
- Unique M14 attachment suitable for use with all grinders and polishers



Diameter, mm	Brush material	Application	Pcs/Pack	Cat. №
200	① Tynex, grit 36	Abrasive bristles for cleaning scrubbing and removal of graffiti etc	1	20009850200
200	② Tynex, grit 60	Abrasive bristles for cleaning & smoothing	1	20009850300
200	③ Steel	Abrasive bristles for scouring scrubbing & cleaning	1	20009850400
200	④ Polypropylene	Non abrasive bristles for washing, dusting and polishing	1	20009850500
200	⑤ Tampico (natural fibre)	Non abrasive, soft bristles for washing, dusting, brushing and polishing	1	20009850600

BURNISHING FLAP WHEELS

Suitable for use with burnishing machine **SMD 1236CES Plus**

- Attachment M14 / Bore 19.2 mm.
- Sanding fleece flap for dulling and finishing metal.
- Removes small scratches on metal, hard plastics and wood.
- For decorative texturing of metal.

Diameter x lenght, mm	Grit	Application	Pcs/Pack	Cat. №
110 x 100	Coarse	Burnishing	1	20009870000
110 x 100	Medium	Burnishing	1	20009870100
110 x 100	Fine	Burnishing	1	20009870200
110 x 100	Coarse	Polishing	1	20009870300
110 x 100	Medium	Polishing	1	20009870400
110 x 100	Fine	Polishing	1	20009870500

ADAPTER

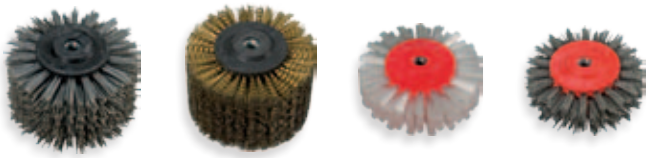
- Universal adapter for all Angle Grinders with spindle thread M14 to 6/8 mm tool holder

Pcs/Pack	Cat. №
4	20009709314

POLISHING BRUSHES

Suitable for use with high straight burnishing mashine **MKL 755CE**

- For deburring, cleaning, roughening and smoothing for metal, wood and hard plastics.
- Attachment M 14 / Bore 19.2 mm.

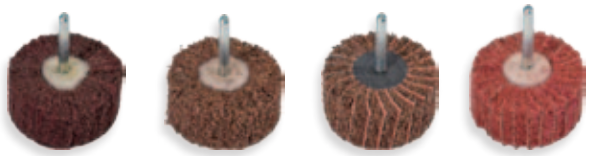


Diameter x lenght	Brush Material	Pcs/Pack	Cat. №
110 x 55 mm	Steel	1	20009851000
110 x 55 mm	Nylon	1	20009851100
110 x 55 mm	Tampico (natural fibre)	1	20009851200
110 x 100 mm	Steel	1	20009850700
110 x 100 mm	Nylon	1	20009850800
110 x 100 mm	Tampico (natural fibre)	1	20009850900

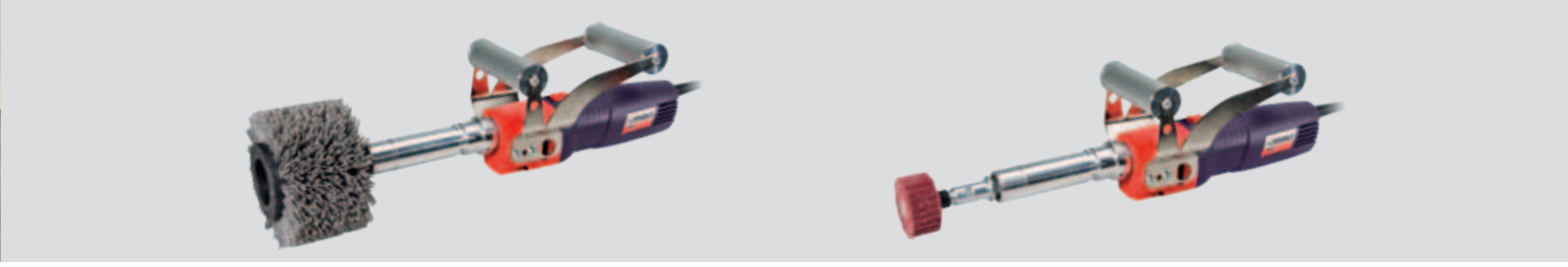
FLAP WHEEL

Suitable for use with **MK 550E, MKL 550E, MKL 755CE, MKL 800CES Plus**

- Flexible flap type sanding wheels for cleaning, polishing and sanding.
- Achieves effective surface finishes on all types of metal.
- Ideal for cleaning, oxidised coatings and smoothing plastic and wood.



Diameter x lenght	Grit	Application	Pcs/Pack	Cat. №
60 x 30 mm	Fine	Burnishing	1	20009870700
60 x 30 mm	Medium	Burnishing	1	20009870600
60 x 30 mm	Fine	Polishing	1	20009870900
60 x 30 mm	Medium	Polishing	1	20009870800



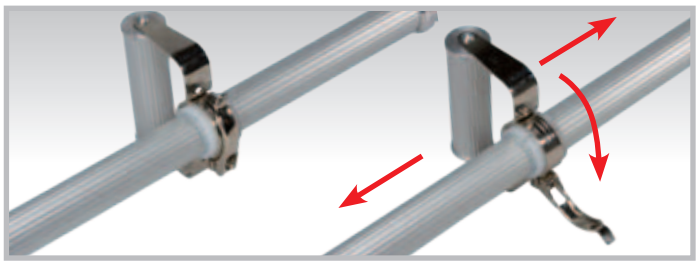
MOUNTED POINT SET

Suitable for use with straight grinders

- Ideal for material removing, sharpening, shaping and grinding of metal.
- Shapes include:
  ① large cone
  ② cone
  ③ tree
  ④ cylindrical
  ⑤ ball

Material type	Shank Diameter, mm	Profile Diameters, mm	Rotating speed, min^{-1}	Pcs/Pack	Cat. №
Aluminum Oxide	6	from 20 to 30	23000–30000	5	20009871014

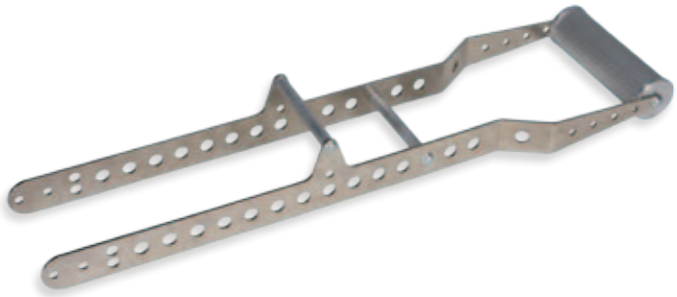
MULTI-POSITION HANDLE



Description	Pcs/Pack	Cat. №
Toolfree multi-position side handle for long reach sander	1	20009685400

ADDITIONAL REAR HANDLE

- For extended reach to high walls and ceilings
- Easy assembly
- Complete with 4 fixing screws and washers



Handle length, mm	Pcs/Pack	Cat. №
350	1	20009685200
500	1	20009685300

PADDED CARRY BAG

- Protective carry bag
- Designed to hold fully assembled machine and accessories
- Complete with shoulder strap

Used with	Pcs/Pack	Cat. №
Medium reach sanders SM(A) 712CE	1	20009708600
Long reach sanders SM(A) 717CE	1	20009708500

SUCTION HOSE

- 5 m flexible hose with 35 mm adapter

Internal diameter, mm	Pcs/Pack	Cat. №
32	1	20009643500

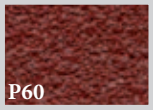
Sandpaper is used to remove small amounts of material from surfaces, either to make them smoother (painting and wood finishing), to remove a layer of material (e.g. old paint), or sometimes to make the surface rougher (e.g. as a preparation to glueing).

Grit	Type	Application
40-60	Coarse	Heavy sanding, stripping and roughing
80-120	Medium	Smoothing of the surface, removing smaller imperfections and marks
150-180	Fine	Final pass before finishing
220-240	Very Fine	Sanding between coats of stain or sealer
280-320	Extra Fine	Removing marks between finished coats

SANDING BELTS

Compatible with belt sanders MBS 776, MBS 876, MBS 876E, MBS 976, MBS 976E, MBS 1100, MBS 1100E

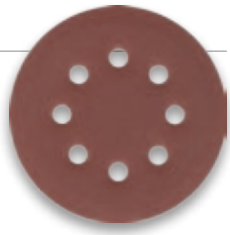
Material: Aluminium Oxide



Grit	Dimensions, mm	Pcs/Pack	Cat. №
P40	76 x 457	3	20009905502
P60	76 x 457	3	20009905602
P80	76 x 457	3	20009905702
P100	76 x 457	3	20009905802
P120	76 x 457	3	20009905902
P40 / P80 / P120	76 x 457	3	20009906014
P40	76 x 533	3	20009585002
P60	76 x 533	3	20009585102
P80	76 x 533	3	20009585202
P100	76 x 533	3	20009585302
P120	76 x 533	3	20009585402
P40 / P80 / P120	76 x 533	3	20009585502
P40	100 x 610	3	20009598802
P60	100 x 610	3	20009598902
P80	100 x 610	3	20009599002
P100	100 x 610	3	20009905102
P120	100 x 610	3	20009905202
P40 / P80 / P120	100 x 610	3	20009905302

SANDING DISCS

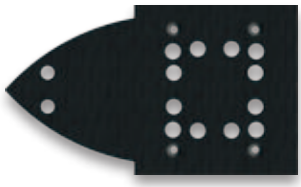
Compatible with random orbit sanders EX 125E, EX 150E and EX 150CE with hook & loop backing



Grit	Diameter, mm	Pcs/Pack	Cat. №
P40	125	5	20009580304
P60	125	5	20009580404
P80	125	5	20009580004
P100	125	5	20009580504
P120	125	5	20009580604
P180	125	5	20009580104
P320	125	5	20009580204
P40	150	10	20009590609
P60	150	10	20009590709
P80	150	10	20009590809
P100	150	10	20009590909
P120	150	10	20009591009
P180	150	10	20009591209
P320	150	10	20009905009

BACKING PADS

Compatible with Multi Sanders MP 250, MP 251 and random orbit sanders EX 125E, EX 150E and EX 150CE with hook & loop fixing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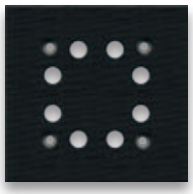
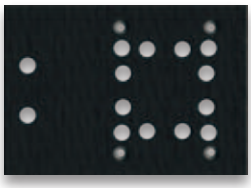

③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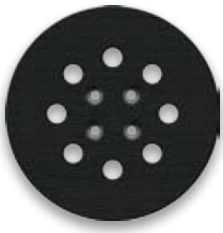
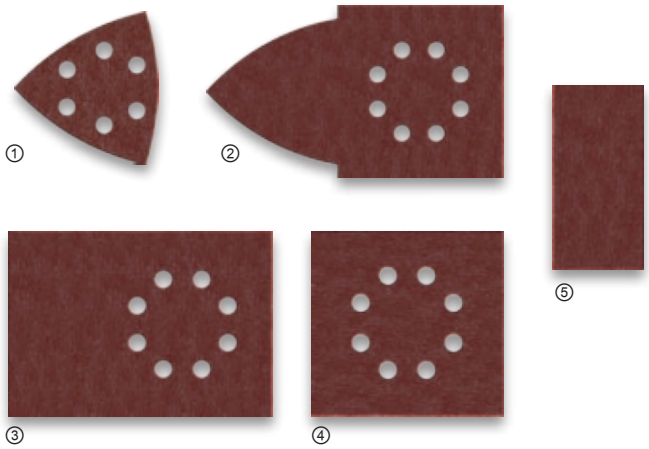

④

Type	Size, mm	Pcs/Pack	Cat. №
①	199x115x111	1	20009802300
②	165x115	1	20009802100
③	115x111	1	20009802200
④	Ø 125	1	20009710100
④	Ø 150	1	20009710200

Compatible with Multi Sanders MP 250 and MP 251

Material: Aluminium Oxide



Type	Grit	Diameter, mm	Pcs/Pack	Cat. №
①	P40	3x93,3	5	20009902604
	P60	3x93,3	5	20009902704
	P80	3x93,3	5	20009902804
	P100	3x93,3	5	20009902904
	P120	3x93,3	5	20009903004
	P150	3x93,3	5	20009903104
	P180	3x93,3	5	20009903204
	P240	3x93,3	5	20009903304
	P320	3x93,3	5	20009904904
②	P40	199x111x115	5	20009900204
	P60	199x111x115	5	20009900304
	P80	199x111x115	5	20009900404
	P100	199x111x115	5	20009900504
	P120	199x111x115	5	20009900604
	P150	199x111x115	5	20009900704
	P180	199x111x115	5	20009900804
	P240	199x111x115	5	20009900904
	P320	199x111x115	5	20009599304
③	P40	165x115	5	20009901004
	P60	165x115	5	20009901104
	P80	165x115	5	20009901204
	P100	165x115	5	20009901304
	P120	165x115	5	20009901404
	P150	165x115	5	20009901504
	P180	165x115	5	20009901604
	P240	165x115	5	20009901704
	P320	165x115	5	20009904704

Type	Grit	Diameter, mm	Pcs/Pack	Cat. №
④	P40	111x115	5	20009599404
	P60	111x115	5	20009599504
	P80	111x115	5	20009599604
	P100	111x115	5	20009599704
	P120	111x115	5	20009599804
	P150	111x115	5	20009599904
	P180	111x115	5	20009900004
	P240	111x115	5	20009900104
	P320	111x115	5	20009599204
⑤	P40	115x56,5	5	20009901804
	P60	115x56,5	5	20009901904
	P80	115x56,5	5	20009902004
	P100	115x56,5	5	20009902104
	P120	115x56,5	5	20009902204
	P150	115x56,5	5	20009902304
	P180	115x56,5	5	20009902404
	P240	115x56,5	5	20009902504
	P320	115x56,5	5	20009904804

Grit	Pcs/Pack	Cat. №
Set of 3 sanding sheets for each type of backing pad (1,2,3,4,5)		
P40	15	20009598514
P60	15	20009598614
P80	15	20009598714
P100	15	20009598014
P120	15	20009598114
P150	15	20009598214
P180	15	20009598314
P240	15	20009598414
P320	15	20009599114

Cutting, Routing, Planing, Dust extraction

Routers	130
Jig Saws	132
Circular Saws	135
Sabre Saws	138
Nibblers	139
Single/Double Bevel Mitre Saws	140
Planers	142
Hot Wire Styrofoam Cutter	144
Electric Chain Saws	146
Accessories	147
Vacuum Cleaners	152
Accessories	155

Cutting, Routing, Planing, Dust extraction

The Power in your hands

Versatile and Flexible

New: Wide range of accessories including saw blades, planer blades and sanding discs. Industry standard fitting for SPARKY and all other professional machines.

Model	Page	Power input:	Cutting capacity in:				No load rpm:					
		W	mm				min^{-1}					
Routers			**Max. cutting stroke:**									
X 160E	130	1600	60 (collets: Ø6 / Ø8 / Ø12)				10000–30000	●				●
X 85CES	131	850	52 (collets: Ø6 / Ø8)				10000–25000		●			●
X 110CES Plus		1100	52 (collets: Ø6 / Ø8 / Ø12)				10000–25000		●			●
Jig Saws												
FSPE 80	132	550	80	20	5	10	300–3200	●		●	●	●
FSPE 81		550	80	20	5	10	300–3200	●		●	●	●
FSPE 110	133	580	110	20	5	10	300–3200	●		●	●	●
FSPE 111		580	110	20	5	10	300–3200	●		●	●	●
TH 65	134	550	65	14	6	8	2700			●	●	●
TH 65E		550	65	14	6	8	0–2700	●		●	●	●
TH 70E		600	70	18	8	10	500–2700	●		●	●	●
Circular Saws												
TK 40	136	800	40 (90°); 35 (45°)				4200				●	●
TK 55		1200	55 (90°); 40 (45°)				4700				●	●
TK 63		1500	63 (90°); 45 (45°)				4800				●	●

Model	Page	Power input:	Cutting capacity in:				No load rpm:					
		W	mm				min^{-1}					
Circular Saws												
TK 65	137	1200	65 (90°); 43 (45°)				5000				●	●
TK 75		1600	75 (90°); 52 (45°)				5000				●	●
TK 85		1800	85 (90°); 56 (45°)				4500				●	●
Sabre Saws												
TSB 1300C	138	1300	200	120	Ø6" (168 mm)		2200		●			
TSB 1300CE		1300	200	120	Ø6" (168 mm)		700–2200	●	●			
Nibblers			METAL	ALU		PVC						
BN 502	139	500	2	1.6	3	3	900					●
BN 503		500	3	1.8	4	3	900					●
BN 604		600	4	2.5	4	4	900					●
Single / Double Bevel Mitre Saws			Max. cutting depth									
TKN 65	140	1400	300x65(0°); 210x65 (45°)				5000				●	●
TKN 80D	141	1800	280x80(0°); 196x80 (45°); 170x80 (52°)				5000				●	●
TKN 95D		1800	305x95(0°); 215x95 (45°); 186x95 (52°)				5000				●	●
Planers			Planing depth, mm		Planing width, mm							
P 160	142	450	0–1.5		60		16000					●
P 282		720	0–2		82		16000					●
P 382	143	750	0.1–3		82		17000					●
P 3110		1000	0–3		110		16000					●
Hot Wire Styrofoam Cutter			Max. cutting length, cm		Max. cutting width, cm							
Sparkcut 106	144	36V	106		22							
Sparkcut 22/40		12V	22		40							
Electric Chain Saws			Bar length, mm		Chain speed, m/sec							
TV 1835	146	1800	350		13.5		7600					
TV 2040		2000	400		13.5		8000					
TV 2245		2200	450		13.5		7600					
Accessories	147											

SPARKY PROFESSIONAL

New

X 160E PROFESSIONAL

- Electronic speed pre-selection
- 3 position fine depth adjustment
- Aluminium alloy gearbox
- Adjustable parallel fence guide
- Dust extraction adapter
- Ergonomic side handles

Trigger switch

Aluminum base with adjustable parallel fence guide

Dust extraction adapter

Comes complete with: Collets Ø6 mm, Ø8 mm and Ø12 mm, 2 pcs. parallel fence guide, Guide rail, Guide bush, Bow compass, Spanner, Dust extraction adapter

TECHNICAL DATA		X 160E
Max. cutting stroke:	mm	60
No load rpm:	min^{-1}	10000–30000
Max. cutter diameter at 45 m/s:	mm	30
Collets:	mm	Ø6 / Ø8 / Ø12
Journal diameter:	mm	-
Weight:	kg	4.1
Power input:	W	1600 (230V~50Hz)
Cat. №		**13000151706**

SPARKY PROFESSIONAL

HEAVYDUTY

X 85CES Plus HD PROFESSIONAL

X 110CES Plus HD PROFESSIONAL

- Electronic speed pre-selection
- Constant electronics to maintain speed under load
- Soft start with restriction of starting current
- Electronic safety clutch for sudden jamming of the cutter
- Current overload protection
- Thermal overload protection
- Safety restart cut out
- 3 position fine depth adjustment
- Alluminium alloy gearbox
- Ergonomic side handles
- Removable motor can be used without cradle for other grinding jobs
- Adjustable parallel fence guide
- Dust extraction adapter
- Auto-stop brushes

Comes complete with: Collets Ø6 mm and Ø8 mm, Lock nut, Spanner, Parallel fence guide, Dust extraction adapter

TECHNICAL DATA		X 85CES Plus	X 110CES Plus
Max. cutting stroke:	mm	52	52
No load rpm:	min^{-1}	10000–25000	10000–25000
Max. cutter diameter at 45 m/s:	mm	30	30
Collets:	mm	Ø6 / Ø8	Ø6 / Ø8
Journal diameter:	mm	43	43
Weight:	kg	3.3	3.4
Power input:	W	850 (230V~50Hz)	1100 (230V~50Hz)
Cat. №		**12000151302**	**12000151402**

ROUTER BIT SET

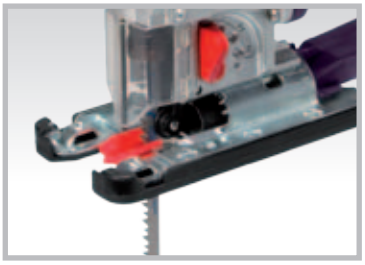
Contains a variety of router bits for precision cuts on woodworking projects.

- Sharp and durable cutting edges
- Well balanced with minimum vibration
- Good cutting geometry
- Fast performance and quality cutting

Shaft diameter: 8 mm
Hardness level: HRC: 88-90 degree
Material: 45 carbon steel with alloy steel blade, brass welding and black finishing

For more information refer to Page 150 ›

SPARKY PROFESSIONAL



Steel base with anti-scratch base cover

FSPE 80 PROFESSIONAL

FSPE 81 HD PROFESSIONAL

- Electronic speed pre-selection
- 3 position pendulum action
- Tool-free blade change
- Roller support guide
- Lock-on switch
- Adjustable base, 0°/15°/30°/45° bevel left or right
- Transparent blade guard
- Magnesium alloy gearbox
- Integrated wrench holder
- Dust extraction adapter
- Auto-stop brushes

Comes complete with: Blade, Hex wrench, Dust extraction adapter

TECHNICAL DATA		FSPE 80	FSPE 81
Cutting depth in:			
- wood	mm	80	80
- non-ferrous metals	mm	20	20
- steel	mm	5	5
- ceramics	mm	10	10
No load stroke rate:	min^{-1}	300–3200	300–3200
Bevel cutting angle:	°	0–45	0–45
Stroke length:	mm	26	26
Weight:	kg	1.9	2.1
Power input:	W	550 (230V~50Hz)	550 (110V~50Hz; 230V~50Hz)
Cat. №		**10000160601**	**12000160701** (230V EU) **12121160703** (110V UK) **12120160703** (230V UK)

SPARKY PROFESSIONAL

HEAVYDUTY

FSPE 110 • FSPE 111 HD PROFESSIONAL

- Electronic speed pre-selection
- Tool-free quick release blade change system
- Roller support guide
- Lock-on switch
- Adjustable base, 0°/15°/30°/45° bevel left or right
- Transparent blade guard
- Magnesium alloy gearbox
- Dust extraction adapter
- Auto-stop brushes

Comes complete with: Blade, Hex wrench, Dust extraction adapter

TECHNICAL DATA		FSPE 110	FSPE 111
Cutting depth in:			
- wood	mm	110	110
- non-ferrous metals	mm	20	20
- steel	mm	5	5
- ceramics	mm	10	10
No load stroke rate:	min^{-1}	300–3200	300–3200
Bevel cutting angle:	°	0–45	0–45
Stroke length:	mm	26	26
Weight:	kg	1.9	2.1
Power input:	W	580 (230V~50Hz)	580 (230V~50Hz)
Cat. №		**12000162201**	**12000162301**

Cast aluminium base

Integrated wrench holder

3 position pendulum action

SPARKY PROFESSIONAL

TH 65 PROFESSIONAL

TH 65E PROFESSIONAL

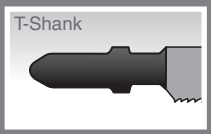
TH 70E PROFESSIONAL

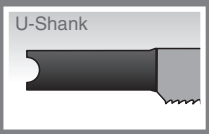
JIG SAW BLADES

There are two primary types of jig saw blade shanks used:

T-shank blades feature a T-shaped shank that is typically held in place by a vertical screw mechanism, this system is also suitable for machines with quick change blade systems.

U-shank blades are sometimes called "universal" shanks and feature a U-shaped cutout at the base of the shank, which permits the blade to remain in place with a horizontal screw mechanism.





For more information refer to Page 147

- Electronic speed pre-selection (TH 65E, TH 70E)
- 3 position pendulum action
- Tool-free blade change
- Roller support guide
- Lock-on switch
- Anti-scratch base cover (TH 70E)
- Ergonomic soft-grip handle
- Transparent blade guard
- Adjustable base, 0°/15°/30°/45° bevel left or right
- Dust extraction adapter
- Front LED work light (TH 70E)

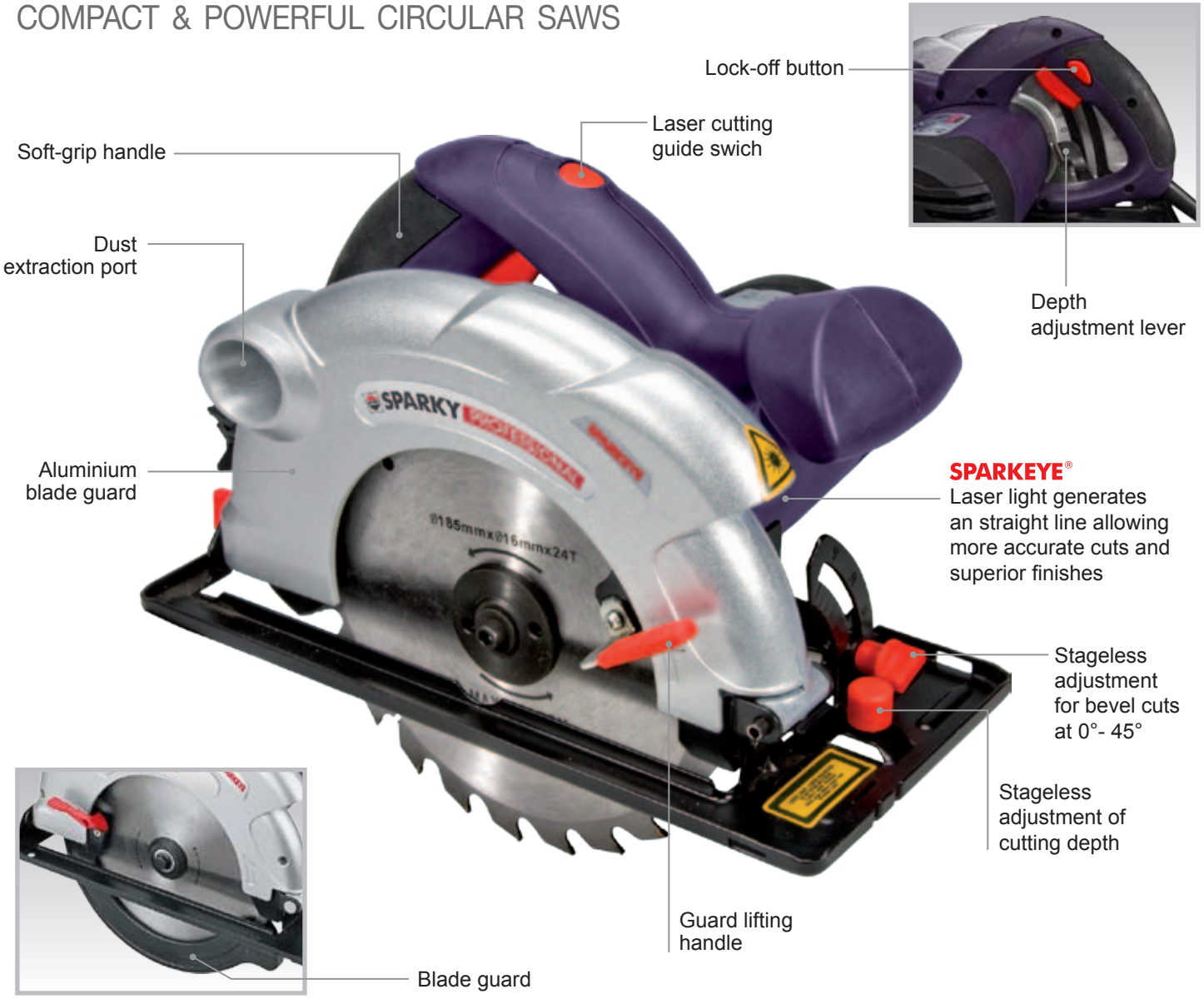
Steel base with anti-scratch base cover

Comes complete with: TH 65, TH 65E: Parallel fence guide, Hex wrench, Dust extraction adapter
TH 70E: Carry case, 4 assorted blades, Parallel fence guide, Hex wrench, Dust extraction adapter

TECHNICAL DATA		TH 65	TH 65E	TH 70E
Cutting depth in:				
- wood	mm	65	65	70
- non-ferrous metals	mm	14	14	18
- steel	mm	6	6	8
- ceramics	mm	8	8	10
No load stroke rate:	min^{-1}	2700	0–2700	500–2700
Bevel cutting angle:	°	0–45	0–45	0–45
Stroke length:	mm	16	16	18
Weight:	kg	2.1	2.2	2.3
Power input:	W	550 (230V~50Hz)	550 (230V~50Hz)	600 (110V~50Hz; 230V~50Hz)
Cat. №		**13000160307** (EU)	**13000160407** (EU)	**13000160555** (230V EU) **13121160555** (110V UK) **13120160555** (230V UK)
OPTIONS:		Cat. №	Cat. №	Cat. №
- Carry bag		**13000160390**	**13000160490**	**13000160590**

TK 65 PROFESSIONAL

COMPACT & POWERFUL CIRCULAR SAWS



SPARKY PROFESSIONAL

TK 40 PROFESSIONAL

TK 55 PROFESSIONAL

TK 63 PROFESSIONAL

- Safety switch
- Stageless adjustment of cutting depth
- Stageless adjustment for bevel cuts at 0°–45°
- Arbor lock button for quick blade change
- Guard lifting handle
- Riving knife (TK 40, TK 55, TK 63, TK 75)
- High quality TCT blade
- Soft-grip handle
- SPARKEYE® laser cutting guide (TK 65, TK 85)
- Dust extraction port

				AUTO		SPARKY
TK 40	●	●	●	○	○	○
TK 55	●	●	●	○	○	○
TK 63	●	●	●	○	○	○
TK 65	●	●	●	○	●	●
TK 75	●	●	●	○	○	○
TK 85	●	●	●	○	●	●

TECHNICAL DATA		TK 40	TK 55	TK 63
Cutting capacity in 90°:	mm	40	55	63
Cutting capacity in 45°:	mm	35	40	45
Blade diameter:	mm	140	165	185
Blade hole diameter:	mm	20	20	20
Teeth:		18 TCT	24 TCT	36 TCT
No load rpm:	min^{-1}	4200	4700	4800
Weight:	kg	3.4	4.5	5.6
Power input:	W	800 (230V~50Hz)	1200 (230V~50Hz)	1500 (230V~50Hz)
Comes complete with:		18 TCT Blade, Parallel fence guide, Hex wrench	24 TCT Blade, Parallel fence guide, Hex wrench	36 TCT Blade, Parallel fence guide, Hex wrench
Cat. №		**13000162807**	**13000162907**	**13000163007**

SPARKY PROFESSIONAL

SPARKEYE®

SPARKEYE®

TK 65 PROFESSIONAL | **TK 75** PROFESSIONAL | **TK 85** PROFESSIONAL

CIRCULAR SAW BLADES

- **Tungsten-carbide tip**
- **Hardened steel body**
- **Slots for heat compensation**
- **Tip material YG8**

For more information refer to **Page 149** ▸

TECHNICAL DATA		TK 65	TK 75	TK 85
Cutting capacity in 90°:	mm	65	75	85
Cutting capacity in 45°:	mm	43	52	56
Blade diameter:	mm	185	210	235
Blade hole diameter:	mm	20	30	30
Teeth:		36 TCT	48 TCT	48 TCT
No load rpm:	min^{-1}	5000	5000	4500
Weight:	kg	4.0	6.4	8.0
Power input:	W	1200 (110V~50Hz; 230V~50Hz)	1600 (230V~50Hz)	1800 (110V~50Hz; 230V~50Hz)
Comes complete with:		Carry case, 36 TCT Blade, Parallel fence guide, Hex wrench	48 TCT Blade, Parallel fence guide, Hex wrench	Carry case, 48 TCT Blade, Parallel fence guide, Hex wrench
Cat. №		**13000162450** (230V EU) **13121162450** (110V UK) **13120162450** (230V UK)	**13000163107**	**13000162550** (230V EU) **13121162550** (110V UK) **13120162550** (230V UK)

SPARKY PROFESSIONAL

Electronic speed pre-selection (TSB 1300CE)

2" PIPE HOLDER

For 90° cutting of pipes up to 2" in diameter.
Cat. № 20009686100

6" PIPE HOLDER

Chain clamping fixture can be used for cutting steel pipes up to 6" at a 90° angle.
Cat. № 20009686000

TSB 1300C PROFESSIONAL **TSB 1300CE** PROFESSIONAL

- For cutting of steel pipes, metal profiles, wood with nails and pallets
- Constant electronics to maintain cutting speed under load
- Constant pendulum action
- High performance, high effficiency motor
- Current overload protection
- Aluminium alloy gearbox with rubber coating
- Universal blade holder for all blades with 12.7 mm and 20 mm attachment
- Bore for pipe holder
- Ergonomic soft-grip handle
- Auto-stop brushes

Chain pipe holder

For cutting pipes up to 6 inch in diameter

Comes complete with: Carry case, 2 Blades, 2 inch pipe holder
Options (TSB 1300CE): 6 inch chain pipe holder, 6 inch blade, **Cat. №: 10000162158** (230V EU)

TECHNICAL DATA		TSB 1300C	TSB 1300CE
Cutting capacity in:			
- wood:	mm	200	200
- breeze block:	mm	120	120
- steel, PVC (pipes):	inches / mm	6 / 168	6 / 168
Stroke length:	mm	30	30
No load stroke rate:	min^{-1}	2200	700–2200
Weight:	kg	3.5	3.6
Power input:	W	1300 (110V~50Hz; 230V~50Hz)	1300 (230V~50Hz)
Cat. №		**10000161354** (230V EU) **10121161354** (110V UK); **10120161354** (230V UK)	**10000162154** (230V EU) **10120162154** (230V UK)

SPARKY PROFESSIONAL

BN 502 PROFESSIONAL | **BN 503** PROFESSIONAL | **BN 604** PROFESSIONAL

- Robust cast gearbox
- For cut-out of all kinds of steel sheets
- Safety switch
- Planetary gears with milled gears for extended life time
- For profile sheets up to 180 mm (BN 502)
- Easy change cutting tools
- Re-sharpenable punch
- Easy-to-work with templates
- Right or left handed use

PUNCH AND DIE SET

Comes complete with: Carry case, Auxiliary handle, Spanner, Hex wrench 3 mm and 5 mm

For more information refer to Page 151

TECHNICAL DATA		BN 502	BN 503	BN 604
Cutting depth in:				
- sheet-metal	mm	2	3	4
- high-grade steel	mm	1.6	1.8	2.5
- aluminium / non-ferrous metals	mm	3	4	4
- plastic	mm	3	3	4
Max. height of profile sheets:	mm	180	–	–
Stroke rate:	min^{-1}	900	900	900
Cutting track width:	mm	5	5	6
Smallest radius:	mm	40	40	70
Weight:	kg	3.3	3	3.2
Power input:	W	500 (230V~50Hz)	500 (230V~50Hz)	600 (230V~50Hz)
Cat. №		**13000170350**	**13000170450**	**13000170550**

SPARKY PROFESSIONAL

New

SPARKEYE®

TKN 65 PROFESSIONAL

- Double slide bar system for an extended cutting capacity
- Bevel cuts from 0° to 45° left
- Pre-set mitre table stops for convenient setting of common mitre cuts from 0° to 45° left and right
- Aluminium alloy mitre table
- Safety switch
- SPARKEYE® single/dual laser cutting guide
- Adjustable depth of cut
- Work clamp
- Ergonomic soft-grip handle
- Transportation handle
- Dust extraction with dust bag or suitable vacuum cleaner
- Lock down facility for storage/transport

Comes complete with: Blade, Hex wrench, Dust bag, Work clamp, Work support arms

- Arbor lock button
- Laser light on/off switch
- Slide bar lock
- Lock down pin
- Bevel lock lever

TECHNICAL DATA			TKN 65
Blade diameter / bore:		mm	210 / 30
Blade width:		mm	2.5
Teeth:			24 TCT
No load rpm:		min^{-1}	5000
Max. cutting capacity:		mm	65
Max. cutting depth:	- 0° x 0°	mm	300 x 65
	- 45° x 0°	mm	210 x 65
	- 0° x 45°	mm	300 x 35
	- 45° x 45°	mm	210 x 35
Weight:		kg	11.6
Power input:		W	1400 (230V~50Hz)
Cat. №			**13000162106**

SPARKY PROFESSIONAL

SPARKEYE®

TKN 80D PROFESSIONAL

TKN 95D PROFESSIONAL

- Double slide bar system for an extended cutting capacity
- Bevel cuts from 0° to 45° left and right
- Mitre cuts from 0° to 52° left and right
- Extra large cutting capacity at 305 mm (TKN 95D)
- Aluminium alloy mitre table
- Safety switch
- SPARKEYE® laser cutting guide
- Pre-set mitre table stops for convenient setting of common mitre cuts
- Arbor lock button
- Adjustable depth of cut
- Work clamp
- Lock down facility for storage/transport
- Ergonomic soft-grip handle
- Dust extraction with dust bag or suitable vacuum cleaner

Comes complete with: Blade, Hex wrench, Dust bag, Work clamp, Work support arms

TECHNICAL DATA			TKN 80D	TKN 95D
Blade diameter / bore:		mm	250 / 30	305 / 30
Blade width:		mm	2.8	3.0
Teeth:			24 TCT	32 TCT
No load rpm:		min^{-1}	5000	5000
Max. cutting capacity:		mm	80	95
Max. cutting depth:	- straight cut at 0°	mm	280 x 80	305 x 95
	- mitre cut at 45°	mm	196 x 80	215 x 95
	- mitre cut at 52°	mm	170 x 80	186 x 95
Weight:		kg	20.3	21.5
Power input:		W	1800 (230V~50Hz)	1800 (230V~50Hz)
Cat. №			**13000161106**	**13000161206**

SPARKY PROFESSIONAL

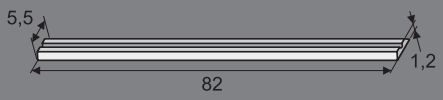
P 160 PROFESSIONAL

P 282 PROFESSIONAL

PLANER BLADES

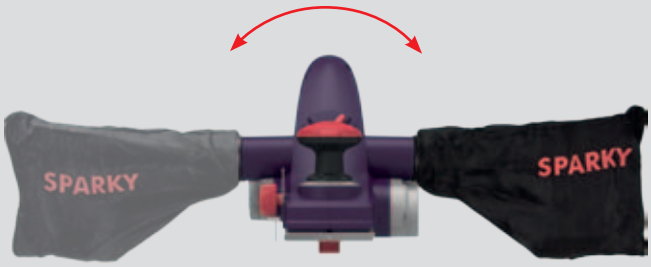
HSS – Blades forged from a premium grade high speed steel

TCT – Blades made of steel with tungsten-carbide tip



For more information refer to Page 150

- Aluminium alloy base
- 2 V-grooves for chamfering of edges
- High no load rpm for precise finish
- Adjustable planning depth
- Bi-directional switch lock (P 282)
- Ergonomic soft-grip handle
- Adjustable parallel fence guide (P 282)
- Live tool indicator when plugged into the power supply (P 282)
- Blade protection stand
- Rebate facility
- Dust extraction adapter with dust bag or suitable vacuum cleaner
- Integral wrench and blade storage



Bi-directional dust/shavings extraction with dust bag (P 282)

Comes complete with: Parallel fence guide (P 282), Wrench, Dust extraction adapter, Dust collection bag

TECHNICAL DATA		P 160	P 282
Planning depth:	mm	0–1.5	0–2
Planning width:	mm	60	82
No load rpm:	min^{-1}	16000	16000
Weight:	kg	1.8	3.5
Power input:	W	450 (230V~50Hz)	720 (230V~50Hz)
Cat. №		**13000151104**	**13000151004**

SPARKY PROFESSIONAL

P 382 PROFESSIONAL

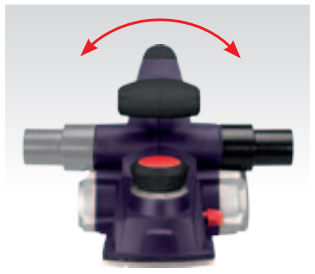
- Aluminium alloy base
- 2 V-grooves for chamfering of edges
- 3 blade barrel for efficient removal of material
- High no load rpm for precise finish
- Adjustable planning depth
- Ergonomic soft-grip handle

P 3110 PROFESSIONAL

- Adjustable parallel fence guide
- Rebate facility
- Dust extraction adapter with dust bag or suitable vacuum cleaner
- Blade protection stand (P 3110)
- Integral wrench and blade storage

Bi-directional dust/shavings extraction with dust bag

P 382



P 3110

Comes complete with: Carry case, Parallel fence guide, Replacement blades, Replacement belt, Dust extraction adapter, Dust collection bag

TECHNICAL DATA		P 382
Planning depth:	mm	0.1–3
Planning width:	mm	82
No load rpm:	min^{-1}	18000
Weight:	kg	3.0
Power input:	W	750 (230V~50Hz)
Cat. №		**13000150850**

Comes complete with: Parallel fence guide, Wrench, Dust extraction adapter

TECHNICAL DATA		P 3110
Planning depth:	mm	0–3
Planning width:	mm	110
No load rpm:	min^{-1}	16000
Weight:	kg	4.5
Power input:	W	1000 (230V~50Hz)
Cat. №		**13000151205**

SPARKCUT 106 HEAVYDUTY

SPARKCUT 106 HD PROFESSIONAL

36V – Hot wire tool for accurately cutting and shaping Polystyrene foam sheets and blocks

Comes complete with: Resistance wire, Dual power transformer

TECHNICAL DATA		SPARKCUT 106	SPARKCUT 22/40
Max cutting length:	cm	106	22
Max cutting width:	cm	22	40
Cutting System:		Thermal Hot Wire	Thermal Hot Wire
Weight	kg	11.5	1.5
Transformer Output Voltage:	V	36	12
Fuse:	A	8	8
Transformer Input Voltage:	V	230V~50Hz	230V~50Hz
Cat. №		**12000206300**	**12000206400**

OPTIONS:	Cat. №
Set SPARKCUT 106 + SPARKCUT 22/40	**12000205710**

SPARKCUT 22/40 HEAVYDUTY

Additional hand held tool for intricate cuts and shapes i.e. holes for pipes, joists and cabling

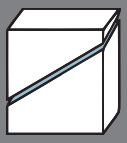
SPARKCUT 22/40 HD PROFESSIONAL

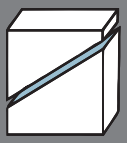
- Hot wire cutting system for clean precise cutting and shaping
- Light and compact
- Quick and easy to assemble
- Telescopic supports with additional fixing points
- Dual power transformer 12V and 36V
- Pre-set cutting guide for angle cuts etc. (SPARKCUT 106)
- Additional mounting system for scaffolding etc. (optional)
- Multiple free hand cutting for all angle and shape options including cut outs and box sections

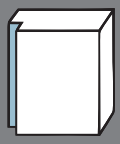
CUTTING PROFILES

Straight

Mitre

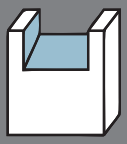

Bevel


Double Bevel

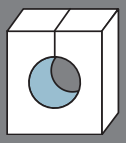

Rebate

Section

Right Angle


Rafter/Joist

Box


Spherical

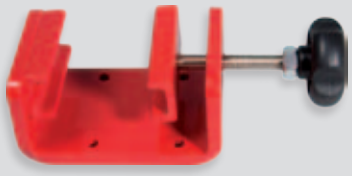
Cutting Wire

Cutting wire for Sparkcut 106 and 22/40
Diameter 0.55 mm

Type	Pcs/Pack	Cat. №
NiCr cutting wire, 10 m	1	20009683100
NiCr cutting wire, 30 m	1	20009683200

Available as separate accessories.

Scaffold Holder / Clamp



For fixing Sparkcut 106 to scaffold etc.

Pcs/Pack	Cat. №
1	20009683300

SPARKY PROFESSIONAL

TV 1835 PROFESSIONAL | **TV 2040** PROFESSIONAL | **TV 2245** PROFESSIONAL

BAR AND CHAIN

Guide Bar:

- Solid steel body
- Specially heat-treated and tempered
- Precision design and fitting

Chains:

- Durable, fast-working cutting chain
- Re-sharpenable

Refer to Page 151

- Auto-stop chain brake during kickback situation
- Safety switch to avoid accidental starting
- Soft-grip front handle (TV 2040)
- Soft-grip rear handle (TV 2040, TV 2245)
- Low kickback chain with automatic lubrication
- Safety chain brake
- Safety clutch
- Oil level indicator
- Tool free chain tensioner

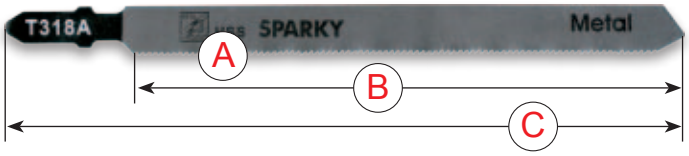
5 steel teeth for secure support against the trunk and safe operation

Comes complete with: Guide bar, Chain, Chain sheath, Tube of oil, Hex wrench

TECHNICAL DATA		TV 1835	TV 2040	TV 2245
Bar length:	mm	350	400	450
Chain speed:	m/sec	13.5	13.5	13.5
No load speed	min^{-1}	7600	8000	7600
Chain:	Inch	3/8	3/8	3/8
Chain gauge:	mm	1.3	1.3	1.3
Oil tank capacity:	ml	100	400	200
Drive sprocket	–	Replaceable	Replaceable	Replaceable
Auto-stop chain brake: front guard activated / inertia activated :		yes	yes	yes
Power input:	W	1800 (230V~50Hz)	2000 (230V~50Hz)	2200 (230V~50Hz)
Weight:	kg	4.3	5.0	5.4
Cat. №		**13000163206**	**13000163306**	**13000163406**

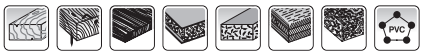
JIG SAW BLADES FOR METAL

HSS - Fully hardened high-speed steel blades for use in metal, aluminium and non-ferrous metal.
They are harder and more wear resistant than carbon steel blades, although a little less flexible.



Type	Tooth spacing (A) x Cutting length (B) x Total length (C), mm	Shank	Application	Pcs/ Pack	Cat. №	Cat. № (2 Pcs/Pack)
T118A	1.2 x 50 x 76	T-Shank	Straight cutting in thin materials, ideal for thin sheet metals, non-ferrous metals, aluminium	5	20009500004	20009500001
U118A	1.2 x 50 x 76	U-Shank	Straight cutting in thin materials, ideal for thin sheet metals, non-ferrous metals, aluminium	3	20009502602	20009502601
T118B	2 x 50 x 76	T-Shank	Straight cutting in thick materials, ideal for thick sheet metals, non-ferrous metals, aluminium	5	20009500104	20009500101
T118G	0.8 x 50 x 76	T-Shank	Straight cutting in very thin materials, ideal for very thin sheet metals, non-ferrous metals, aluminium	5	20009500204	20009500201
U118G	0.8 x 50 x 76	U-Shank	Straight cutting in very thin materials, ideal for very thin sheet metals, non-ferrous metals, aluminium	3	20009502702	20009502701
T318A	1.2 x 110 x 132	T-Shank	Straight cutting in materials with fillings, non-ferrous metals, aluminium	5	20009500304	20009500301
U318A	1.2 x 110 x 132	U-Shank	Straight cutting in materials with fillings, non-ferrous metals, aluminium	3	20009502402	20009502401
T127D	3 x 75 x 100	T-Shank	Straight cutting in aluminium, non-ferrous metals, fibreglass reinforced plastics	5	20009500404	20009500401
U127D	3 x 75 x 100	U-Shank	Straight cutting in aluminium, non-ferrous metals, fibreglass reinforced plastics	3	20009502802	20009502801
T227D	3 x 75 x 100	T-Shank	Curved cutting in aluminium, non-ferrous metals, fibreglass reinforced plastics	5	20009500504	20009500501
T318B	2 x 100 x 132	T-Shank	Straight and curved cutting in metal, non-ferrous metal and aluminium	5	20009500604	20009500601

JIG SAW BLADES FOR WOOD



HCS - Carbon steel blades for use in softer materials such as wood, laminated chipboard and plastics.
General use flexible woodworking blades.

Type	Tooth space (A) x Cutting length (B) x Total length (C), mm	Shank	Application	Pcs/ Pack	Cat. №	Cat. № (2 Pcs/Pack)
T101B	2.5 x 75 x 100	T-Shank	Clean and precise cutting, ideal for hardwood, softwood, laminated boards, fibre boards and plastics	5	20009505004	20009505001
U101B	2.5 x 75 x 100	U-Shank	Clean and precise cutting, ideal for hardwood, softwood, laminated boards, fibre boards and plastics	3	20009502502	20009502501
T101D	4 x 75 x 100	T-Shank	Clean and precise cutting, ideal for hardwood, softwood, laminated boards, fibre boards and plastics	5	20009505104	20009505101
T111C	3 x 75 x 100	T-Shank	Fast and straight cutting, ideal for hardwood, softwood and plastics	5	20009505204	20009505201
T144D	4 x 75 x 100	T-Shank	Fast and straight cutting, ideal for hardwood, softwood and laminated boards	5	20009505304	20009505301
U144D	4 x 75 x 100	U-Shank	Fast and straight cutting, ideal for hardwood, softwood and laminated boards	3	20009502902	20009502901
3104-XL 5	4 x 120 x 152	T-Shank	Ideal for straight, parallel cuts High-speed cuts in hardwood, softwoods and chipboard	5	20009503204	20009503201
T244D	4 x 75 x 100	T-Shank	Fast curved cutting, ideal for hardwood, softwood and laminated boards	5	20009505404	20009505401
T119BO	2 x 50 x 76	T-Shank	Especially for curved cutting, ideal for epoxy, hardwood, softwood, laminated boards, insulated and heat insulation materials and plastics	5	20009505504	20009505501
T301CD	4 x 90 x 116	T-Shank	Clean and precise cutting, ideal for hardwood, softwood, laminated boards, fibre boards and plastics	5	20009505604	20009505601

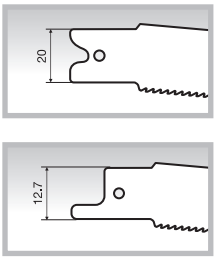
Type	Tooth space (A) x Cutting length (B) x Total length (C), mm	Shank	Application	Pcs/ Pack	Cat. №	Cat. № (2 Pcs/Pack)
U301CD	3 x 90 x 116	U-Shank	Clean and precise cutting, ideal for hardwood, softwood, laminated boards, fibre boards and plastics	3	20009503102	20009503101
U101AO	1.4 x 50 x 76	U-Shank	Clean and precise curved cutting, ideal for hardwood, softwood, laminated boards, fibre boards and plastics	3	20009502302	20009502301
T101AO	1.4 x 50 x 76	T-Shank	Clean and precise curved cutting, ideal for hardwood, softwood, laminated boards, fibre boards and plastics	5	20009505704	20009505701
T101BR	2.5 x 75 x 100	T-Shank	Clean and precise straight cutting, ideal for hardwood, softwood, laminated boards, fibre boards and plastics	5	20009505804	20009505801
U101BR	2.5 x 75 x 100	U-Shank	Clean and precise straight cutting, ideal for hardwood, softwood, laminated boards, fibre boards and plastics	3	20009503002	20009503001
T101BF	2.5 x 75 x 100	T-Shank	Clean and precise straight cutting, ideal for hardwood, softwood, laminated boards, fibre boards and plastics	1	20009501100	20009501101
T311C	2.75 x 100 x 126	T-Shank	Clean and precise straight cutting, ideal for hardwood, softwood and laminated boards	5	20009505904	20009505901
T225B	2.75 x 225 x 250	T-Shank	Clean and precise straight cutting, ideal for hardwood, softwood and laminated boards	3	20009506002	20009506001

JIG SAW BLADE SETS

Contents	Pcs/Pack	Cat. №
① Set of one blade each: T101AO, T101BR, T101B. **For wood.**	3	20009500714
② Set of one blade each: T118G, T101B, T144D. **For wood and metal.**	3	20009501014
③ Set of one blade each: T111C, T101D, T119BO. **For wood and metal.**	3	20009500914
④ Set of one blade each: T101AO, T101BR, T101B, T101D/T118A. **For wood and metal.**	5	20009500814
⑤ Set of 2 T101BF	2	20009501101

SABRE SAW BLADES

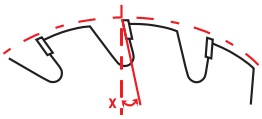
Bi-Metal - blades combine the best of carbon steel and high speed steel blades. Highly flexible and tough, they are suitable for the most demanding applications where there is a risk of shank breakage. These blades can be used for wood, metal, non-ferrous metals and aluminium. Depending on the width of the blade, they are suitable for narrow curved cuts, general tasks with above-average load or quick, clean straight cuts.

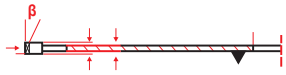


Cutting length, mm	Tooth space, mm	Thickness, mm	Fitting dimen-sion, mm	Material	Application	Pcs/Pack	Cat. №
140	2.5	0.95	20	BiM	Steel pipes	2	20009501301
140	3.2	0.95	20	BiM	Steel pipes	2	20009501401
200	3.2	0.95	20	BiM	Steel pipes	2	20009501501
150	1.8	0.95	20	BiM	Universal for metal, wood with nails, pallets etc.	2	20009501601
150	2.5	0.95	20	BiM	Universal for metal, wood with nails, pallets etc.	2	20009501701
300	1.8	0.95	20	BiM	Universal for metal, wood with nails, pallets etc.	2	20009501801
300	2.5	0.95	20	BiM	Universal for metal, wood with nails, pallets etc.	2	20009501901
150	1.8	0.95	12.7	BiM	Metal	2	20009502001
150	2.5	0.95	12.7	BiM	Universal for metal, wood with nails, pallets etc.	2	20009502101
300	4	0.95	12.7	HCS	Wood	2	20009502201

CIRCULAR SAW BLADES

- Tungsten-carbide tip
- Hardened steel body
- Slots for heat compensation
- Tip material YG8





B (outer diameter tolerance)

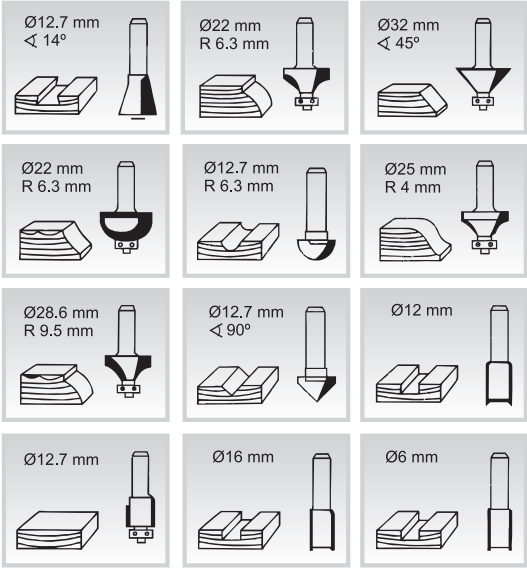
A (blade level tolerance)

Model	D–Diameter, mm	d–Bore, mm	Number of teeth	Cutting width, mm	Tip size, mm	A, mm	B, mm	χ	β	Cat. Number
Coarse cutting: For cross and parallel cutting in soft and hard wood, boards.										
T12	150	20	12	2.5	5.5x2.0x2.5	≤0.15	≤0.12	10°-15°	12°±1°	20009520000
T18	140	20	18	2.5	4.0x1.2x2.4	≤0.25	≤0.50	17°-19°	10°±1°	20009522200
T20	200	30	20	2.8	5.5x2.0x2.7	≤0.15	≤0.12	10°-15°	12°±1°	20009520100
T24	140	20	24	2.5	4.0x1.2x2.4	≤0.25	≤0.50	17°-19°	10°±1°	20009522900
T24	165	20	25	2.5	4.0x1.2x2.4	≤0.25	≤0.50	20°-22°	10°±1°	20009522300
T24	185	20	24	2.5	5.5x2.0x2.5	≤0.15	≤0.12	10°-15°	12°±1°	20009520200
T24	250	30	24	2.8	4.5x1.2x2.8	≤0.25	≤0.50	18°-20°	10°±1°	20009522600
T30	235	30	30	2.8	6.0x2.0x2.8	≤0.15	≤0.15	10°-15°	12°±1°	20009520300
T30	305	30	30	3.0	5.0x1.4x3.0	≤0.25	≤0.50	16°-18°	10°±1°	20009522500
T32	305	30	32	3.0	5.0x1.4x3.0	≤0.25	≤0.50	16°-18°	10°±1°	20009523700
Medium cutting: For cross and parallel cutting in soft and hard wood, fiberboard, furniture boards, laminated boards and wood flooring.										
T36	140	20	36	2.5	5.5x2.0x2.5	≤0.15	≤0.12	10°-15°	12°±1°	20009523000
T36	150	20	36	2.5	5.5x2.0x2.5	≤0.15	≤0.12	10°-15°	12°±1°	20009520400
T36	165	20	36	2.5	5.5x2.0x2.7	≤0.15	≤0.12	10°-15°	12°±1°	20009523100
T36	185	20	36	2.5	6.0x2.0x2.8	≤0.15	≤0.15	10°-15°	12°±1°	20009520600
T36	200	30	36	2.7	6.0x2.0x3.0	≤0.20	≤0.20	10°-15°	12°±1°	20009520500
T48	235	30	48	2.4	6.0x2.0x3.0	≤0.20	≤0.20	10°-15°	12°±1°	20009521000
T48	305	30	48	3.0	6.5x2.0x3.2	≤0.20	≤0.20	10°-15°	12°±1°	20009520800
Fine cutting: For cross and parallel cutting in soft and hard wood, fiberboard, furniture boards, laminated boards and wood flooring.										
T48	165	20	48	2.5	4.0x1.2x2.4	≤0.20	≤0.50	21°-23°	10°±1°	20009523200
T48	185	20	48	2.4	5.5x2.0x2.5	≤0.15	≤0.12	10°-15°	12°±1°	20009521100
T48	200	30	48	2.7	5.5x2.0x2.7	≤0.15	≤0.12	10°-15°	12°±1°	20009521400
T48	210	30	48	2.5	4.0x1.2x2.4	≤0.20	≤0.50	14°-16°	10°±1°	20009522400
T48	250	30	48	2.8	4.5x1.2x2.8	≤0.20	≤0.50	16°-18°	10°±1°	20009522700
T60	235	30	60	2.4	4.0x1.2x2.4	≤0.20	≤0.50	15°-17°	10°±1°	20009521900
T60	250	30	60	2.8	6.0x2.0x2.8	≤0.15	≤0.15	10°-15°	12°±1°	20009521200
Very fine cutting: For cross and parallel cutting in soft and hard wood, fiberboard, furniture boards, laminated boards and wood flooring.										
T56	200	30	60	2.7	5.5x2.0x2.7	≤0.15	≤0.12	10°-15°	12°±1°	20009521500
T60	210	30	60	2.5	4.0x1.2x2.4	≤0.15	≤0.50	18°-20°	10°±1°	20009523300
T60	305	30	60	3.0	5.0x1.4x3.0	≤0.15	≤0.50	14°-16°	10°±1°	20009522800
T80	235	30	80	2.7	4.0x1.2x2.4	≤0.15	≤0.50	14°-16°	10°±1°	20009522000
T80	250	30	80	2.7	4.5x1.2x2.8	≤0.15	≤0.50	14°-16°	10°±1°	20009522100
T80	305	30	80	3.0	6.0x2.0x3.0	≤0.20	≤0.20	10°-15°	12°±1°	20009521600
Very fine cutting in various materials: Plastic, non-ferrous metals - aluminium, brass, copper.										
T100	250	30	100	2.8	6.0x2.0x2.8	≤0.15	≤0.15	0°-3°	12°±1°	20009521700
T100	305	30	100	3.0	6.0x2.0x3.0	≤0.20	≤0.20	10°-15°	12°±1°	20009521800
T120	305	30	120	2.8	6.0x2.0x3.0	≤0.20	≤0.20	10°-15°	12°±1°	20009523500

ROUTER BIT SET

Compatible with all SPARKY routers

- Ø8 mm shaft
- 12 pcs. in package



Pcs/Pack	Cat. №
12	20009620014

COLLET SETS

Sets	Type	Used with	Pcs/Pack	Cat. №
Set collets (mm)				
	2 pcs. collet Ø6, Ø8 mm, 1 pc. nut	X 52E, X 85CES, X 110CES Plus	3	20009620114

PLANER BLADES

Compatible with P 160, P 282, P 382, P 3110

Material	Length, mm	Used with	Pcs/Pack	Cat. №
HSS	60	P 160	2	20009625601
HSS	82	P 282	2	20009625201
HSS	82	P 382	3	20009625002
HSS	110	P 3110	3	20009625702

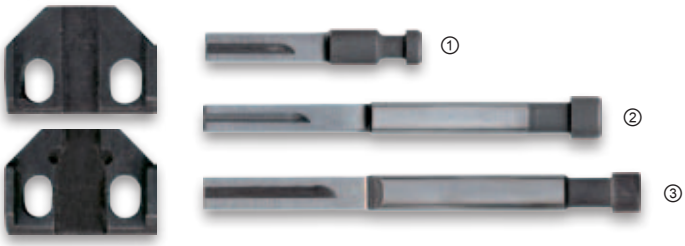
HEAVY DUTY

Durable and tough for extended edge quality
Planing quality that lasts longer than standard blades

HEAVY DUTY **PREMIUM QUALITY**

Material	Length, mm	Used with	Pcs/Pack	Cat. №
TCT	60	P 160	2	20008625601
TCT	82	P 282	2	20008625301
TCT	82	P 382	3	20008625102
TCT	110	P 3110	3	20008625702

NIBBLER ACCESSORIES



Description	Used with	Pcs/Pack	Cat. №
① Punch and die set	BN 503	1	20009605614
② Punch and die set	BN 604	1	20009605714
③ Punch and die set	BN 502	1	20009605514

UTILITY KNIVES

- Metal blade channel for high precision
- Steel hardened blades with 62 HRC hardness
- Segmented, snap-off blades

Number of blades	Segments	Pcs/Pack	Cat. №
1 (18 x 100 mm)	7	1	20009709000

HEAVY DUTY PREMIUM QUALITY

- Rubber case with ergonomic shape for strong and comfortable hold
- Safety locking system
- 3 blades

Number of blades	Segments	Pcs/Pack	Cat. №
3 (18 x 100 mm)	7	1	20008711200

Blades set - 10 pcs.	Segments	Pcs/Pack	Cat. №
SPARKY PROFESSIONAL 7 SNAP-OFF SEGMENTS x10	7	10	20009709114

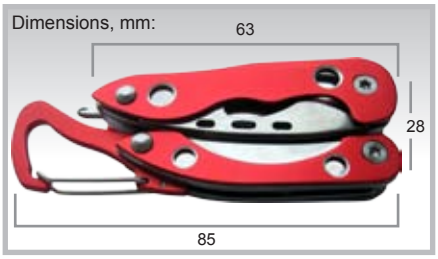
CHAIN SAW ACCESSORIES

Type	Used with	Pcs/Pack	Cat. №
Chain 3/8“ x 1.3 mm, 54 teeth	TV 3840	1	20009660200
Chain 3/8“ x 1.3 mm, 54 teeth	TV 4240	1	20009660800
Chain 3/8“ x 1.3 mm, 72 teeth	TV 5545	1	20009660300
Chain 3/8 x 1.27 mm, 52 teeth	TV 1835	1	20009661400
Chain 3/8 x 1.27 mm, 57 teeth	TV 2040	1	20009661600
Chain 3/8 x 1.27 mm, 62 teeth	TV 2245	1	20009661800
Chain 3/8 x 1.27 mm, 56 teeth	TV 3540	1	20009660900
Chain 3/8 x 1.27 mm, 56 teeth	TV 4040	1	20009661000
Guide bar 35 cm	TV 1835	1	20009661300
Guide bar 40 cm	TV 2040	1	20009661500
Guide bar 40 cm	TV 3840	1	20009660700
Guide bar 40 cm	TV 4240	1	20009660500
Guide bar 40 cm	TV 3540	1	20009661100
Guide bar 40 cm	TV 4040	1	20009661200
Guide bar 45 cm	TV 2245	1	20009661700
Guide bar 45 cm	TV 5545	1	20009660600

HEAVY DUTY PREMIUM QUALITY

Type	Used with	Pcs/Pack	Cat. №
Chain 3/8“ x 1.3 mm, 54 teeth	TV 3840	1	20008661400
Chain 3/8 x 1.27 mm, 57 teeth	TV 2040	1	20008661600
Chain 3/8 x 1.27 mm, 62 teeth	TV 2245	1	20008661800
Guide bar 35 cm	TV 1835	1	20008661300
Guide bar 40 cm	TV 2040	1	20008661500
Guide bar 45 cm	TV 2245	1	20008661700

PLIERS



Include:
- Combination pliers
- Knives
- Wire cutter
- Bottle opener
- Phillips screwdriver
- Key ring

Pcs/Pack	Cat. №
1	20009726800

VC 1321MS PROFESSIONAL

Blow function

Handle

Dust protected ON/OFF switch

Built-in power socket for synchro start function

Plastic tube

Clamps

20L corrosion proof stainless steel tank

2 front castors + 2 large rear wheels for ease of movement

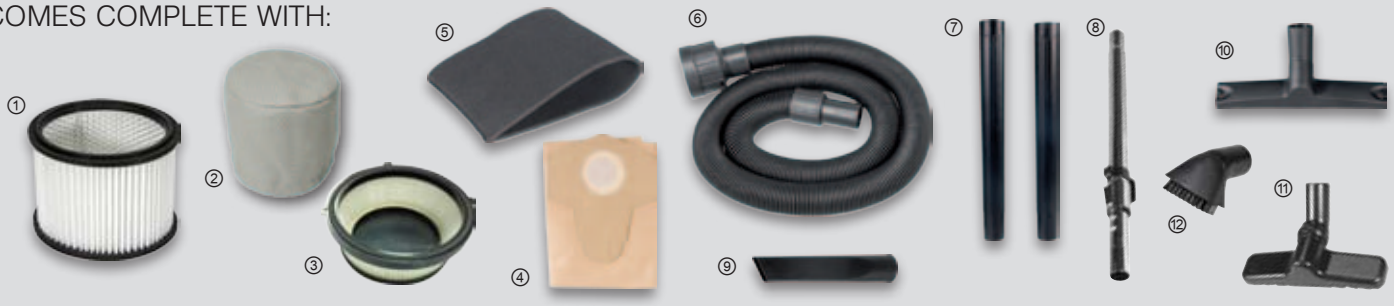
Vacuum hose connection

Flexible hose set

Water release valve for tank discharge

Accessories storage slot on foot

COMES COMPLETE WITH:



SPARKY PROFESSIONAL

VC 1221

- For industrial applications
- Integrated power take off socket with automatic start/stop (VC 1321MS)
- High-performance motor
- 20 l tank
- Overflow protection with auto off function
- Front rollers and large rear wheels for ease of movement
- Suitable for suction of liquids
- Water release valve for tank discharge (VC 1321MS)
- Cable storage
- Accessory storage area
- Including assorted accessories

VC 1600AF

- Vacuum cleaner with water filtration system
- Combined water and Hepa filter captures 99% of all airborne dust particles
- Works without the need of a dust bag
- Ideal for allergy-sufferers and households with pets
- 10-l tank
- Cleaning with the natural use of water
- Washable, long-life filter

Comes complete with:	VC 1221	VC 1321MS	VC 1600AF
① Polyester pleated filter for locking system	●	●	
② Dry filter	●	●	
③ HEPA filter			●
④ Dust bag 20 l, for dry vacuum cleaning	●	●	
⑤ Foam filter for wet and dry vacuum cleaning	●	●	
⑥ Hose Ø32 mm, 2.5 m			●
⑥ Hose Ø35 mm, 1.5 m	●	●	
⑦ Plastic tube set	●	●	
⑧ Telescopic tube stainless steel			●
⑨ Crevice nozzle	●	●	●
⑩ Floor nozzle	●	●	●
⑪ Floor brush for wet			●
⑫ Round brush			●

TECHNICAL DATA		VC 1221	VC 1321MS	VC 1600AF
Max. Power:	W	1500	1500	1600
Max. Power at the integrated socket:	W	–	2000	–
Max. airflow at fan:	l/sec	27	27	33
Max. airflow:	l/sec	55	55	
Max. suction force:	kPa	18	18	20
Container volume:	l	20	20	10
Weight:	kg	4.5	5.2	6.5
Power input:	W	1250 (230V~50Hz)	1250 (230V~50Hz)	1400 (230V~50Hz)
Cat. №		**13000201700**	**13000204312**	**13000204412**

VC 1430MS PROFESSIONAL

VC 1431MS PROFESSIONAL

VC 1650MS PROFESSIONAL

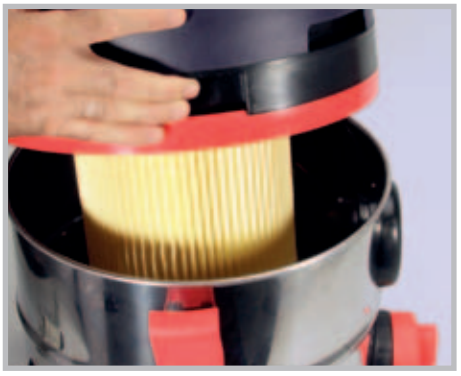
- For industrial applications
- Integrated power take off socket with automatic start/stop
- High-performance motor
- 30 l / 30 l / 50 l steel tank
- Overflow protection with auto off function
- Chrome plated metal telescopic tube (VC 1430MS, VC 1431MS)
- 2 Extraction pipes of high grade steel (VC 1650MS)
- Front rollers and large rear wheels for ease of movement
- Suitable for suction of liquids
- Water release valve for tank discharge
- Cable storage
- Accessory storage area
- Including assorted accessories

Comes complete with:	VC 1430MS	VC 1431MS	VC 1650MS
③ Polyester pleated filter for locking system	●	●	●
⑤ Dust bag 30 l, for dry vacuum cleaning	●	●	
⑥ Standard dust bag 50 l, for dry vacuum cleaning			●
⑪ Foam filter for wet and dry vacuum cleaning	●	●	●
⑬ Power tool adapter	●		●
⑭ Extensible hose Ø32 mm, 5 m	●		●
⑱ Extensible hose Ø35 mm, 2.5 m		●	
⑲ Telescopic tube	●	●	●
⑳ Crevice nozzle	●	●	●
㉑ Air control handle	●	●	
㉒ Combo brush	●	●	●
Trolley, Car nozzle			●

Air control handle
(VC 1430MS, VC 1431MS)

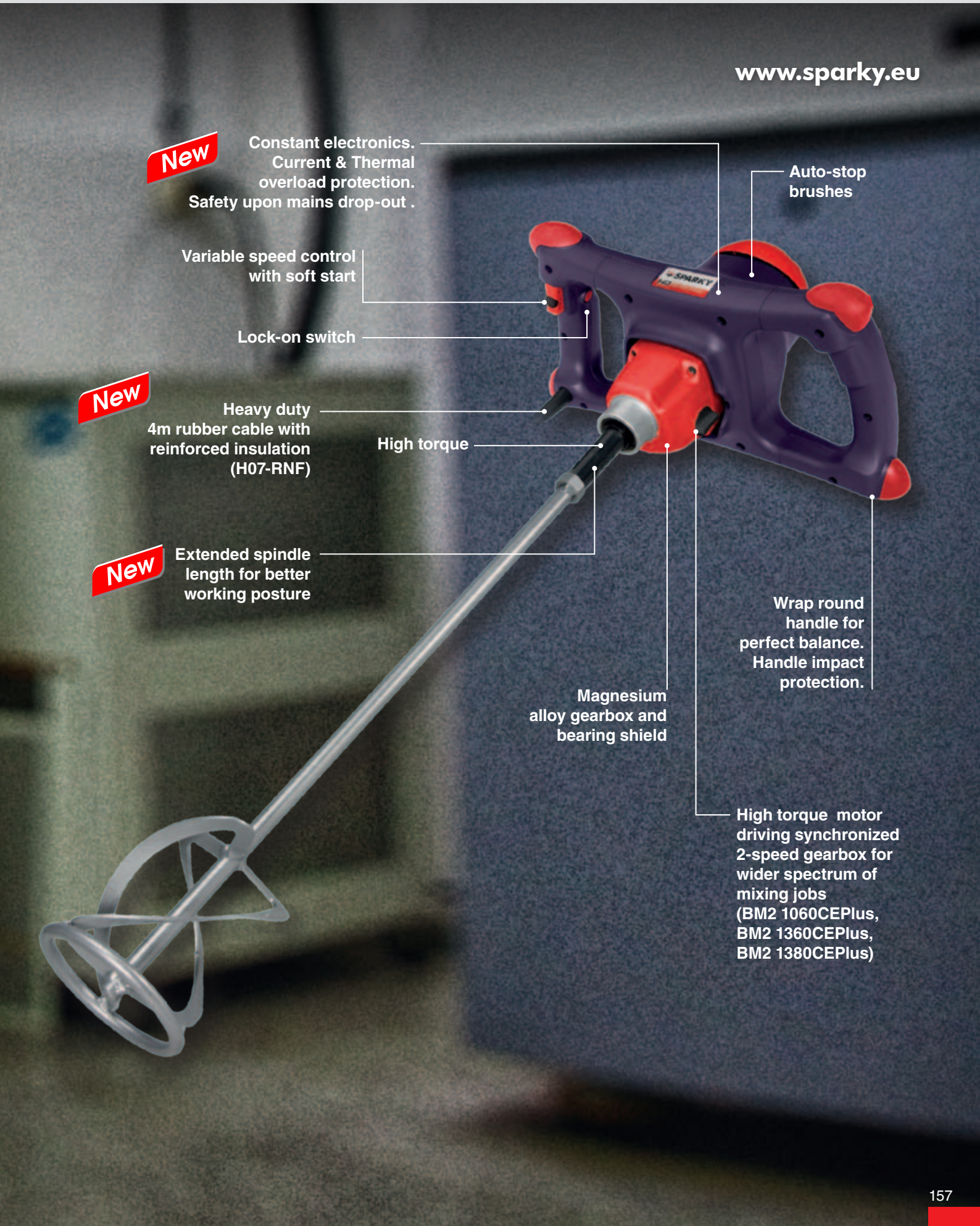
TECHNICAL DATA		VC 1430MS	VC 1431MS	VC 1650MS
Max. Power:	W	1700	1700	2000
Max. Power at the integrated socket:	W	2000	2000	2200
Max. airflow at fan:	l/sec	30	30	40
Max. airflow:	l/sec	57	57	60
Max. suction force:	kPa	17	18	22
Container volume:	l	30	30	50
Weight:	kg	8.8	8.8	17.6
Power input:	W	1400 (230V~50Hz)	1400 (110V~50Hz); (230V~50Hz)	1600 (230V~50Hz)
Cat. №		**13000201800**	**13000204513** (230V EU) **13021204513** (110V UK) **13020204513** (230V UK)	**13000201900**

Description	Used with:	Pcs/Pack	Cat. №
① Cellulose pleated filter for dry vacuum cleaning	VC 1220, VC 1221	1	20009640200
② Cellulose pleated filter for dry vacuum cleaning	VC 1650MS	1	20009640900
③ Polyester pleated filter for dry vacuum cleaning	VC 1321MS, VC 1430MS, VC 1431MS, VC 1650MS	1	20009640300
④ Polyester pleated filter for dry vacuum cleaning for locking system	VC 1321MS, VC 1430MS, VC 1431MS, VC 1650MS	1	20009642700
⑤ Dust bag 20 l, for dry vacuum cleaning	VC 1321MS, VC 1220, VC 1221	5	20009640004
⑥ Dust bag 30 l, for dry vacuum cleaning	VC 1430MS, VC 1431MS	5	20009640104
⑦ Dust bag 50 l, for dry vacuum cleaning	VC 1650MS	5	20009641004
⑧ Fine dust bag 30 l, for dry vacuum cleaning	VC 1321MS, VC 1430MS, VC 1431MS	3	20009641302
⑨ Fine dust bag 50 l, for dry vacuum cleaning	VC 1650MS	3	20009641102
⑩ HEPA B dust bag 50 l, for dry vacuum cleaning	VC 1650MS	3	20009641202
⑪ Foam filter for wet and dry vacuum cleaning	VC 1220, VC 1221, VC 1321MS, VC 1430MS, VC 1431MS, VC 1650MS	10	20009640409
⑫ Dry filter	VC 1220, VC 1221	3	20009640502
⑬ Power tool adapter Ø21/27/32/37/42 mm	VC 1220, VC 1221, VC 1430MS	1	20009640600
⑭ Extensible hose 5 m, Ø32mm	VC 1430MS, VC 1650MS	1	20009640700
⑮ Extensible hose 2.5 m, Ø32mm	VC 1430MS, VC 1650MS	1	20009644200
⑯ Extensible hose 2.5 m, Ø32mm HEAVY DUTY	VC 1430MS, VC 1650MS	1	20008644200
⑰ Extensible hose 1.5 m, Ø32mm	VC 1220	1	20009644400
⑱ Extensible hose 2.5 m, Ø35mm	VC 1221, 1321, 1431MS	1	20009644300
⑲ Telescopic tube	VC 1430MS	1	20009641400
⑳ Crevice nozzle	VC 1220, 1221, 1321MS, VC 1430MS, 1431MS	1	20009641500
㉑ Air control handle	VC 1430MS	1	20009641600
㉒ Combo brush	VC 1220, 1221, 1321MS, VC 1430MS, 1431MS	1	20009641700
㉓ Plastic tube set	VC 1220, 1221, 1321MS, VC 1430MS, 1431MS	1	20009641814
㉔ Floor nozzle	VC 1220, 1221, 1321MS, VC 1430MS, 1431MS	1	20009641900



SPARKY
HD

Paddle Mixers	158
2-speed Paddle Mixers	159
Accessories	161
Heat Guns	162
Staple/Nail Gun	164
Measuring & Detection Equipment	165
Accessories	166



SPARKY PROFESSIONAL

Faster and more efficient

HEAVYDUTY

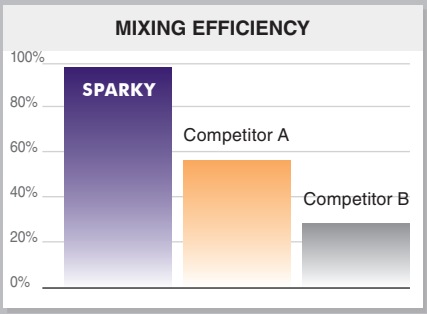
BM 1060E	●	●	○	○	○	●	●
BM 1060CE Plus	●	○	●	●	○	●	●
BM 1360CE Plus	●	○	●	●	○	●	●

BM 1060E HD PROFESSIONAL **BM 1060CE Plus HD PROFESSIONAL** **BM 1360CE Plus HD PROFESSIONAL**

- Variable speed control with soft start
- Constant electronics to maintain speed under load (Index CE Plus)
- Lock-on switch
- Current & Thermal overload protection (Index CE Plus)
- Safety restart cut out (Index CE Plus)
- High torque
- Magnesium alloy gearbox
- Wrap round handle for perfect balance
- Added handle impact protection
- Auto-stop brushes

Maximum weight of mixed substances: 60 kg

These lightweight and well balanced professional paddle mixers benefit from magnesium alloy gearboxes with milled hardened gears driving heavy duty carbon steel paddles with additional layer for corrosion protection and abrasion resistance.



Faster and more efficient, specially designed to ensure an even, smooth mix of paints, drywall gypsum and other substances.

Comes complete with: **BM 1060E/CE Plus:** Paddle SM 120x570, Spanner SW22
BM 1360CE Plus: Paddle SM 140x570, Spanner SW22

TECHNICAL DATA		BM 1060E	BM 1060CE Plus	BM 1360CE Plus
No load rpm:	min^{-1}	200–750	0–530	0–550
Max. torque:	Nm	55	50	60
Journal diameter:	mm	43 / L22	43 / L22	43 / L22
Spindle thread:		M14, internal	M14, internal	M14, internal
Weight:	kg	4.8	4.5	4.8
Power input:	W	1010 (110V~50Hz) 1050 (230V~50Hz)	1050 (230V~50Hz)	1260 (230V~50Hz)
Cat. №		**12000200201** (230V EU) **12021200201** (110V UK) **12020200201** (230V UK)	**12000200301** (230V EU)	**12000203511** (230V EU)

SPARKY PROFESSIONAL

HEAVYDUTY

BM2 1060CE Plus HD PROFESSIONAL BM2 1360CE Plus HD PROFESSIONAL

- Variable speed control with soft start
- Synchronised metal 2-speed metal gears for handling widest spectrum of mixing jobs with professional ease
- Constant electronics to maintain speed under load
- Safety restart cut out
- Lock-on switch
- Magnesium alloy gearbox
- Wrap round handle for perfect balance
- Added handle impact protection
- Auto-stop brushes

Synchronised metal 2-speed gears for handling widest spectrum of mixing jobs with professional ease

Variable speed control with soft start

Comes complete with: **BM2 1060CE Plus:** Paddles SM 120x570 and SM 121x570, Spanner SW22
BM2 1360CE Plus: Paddle SM 140x570, Spanner SW22

TECHNICAL DATA		BM2 1060CE Plus	BM2 1360CE Plus
No load rpm:	min^{-1}	0–530 / 0–740	0–550 / 0–770
Max. torque:	Nm	55	60
Journal diameter:	mm	43 / L22	43 / L22
Spindle thread:		M14, internal	M14, internal
Weight:	kg	4.6	4.9
Power input:	W	1010 (110V~50Hz) 1050 (230V~50Hz)	1260 (110V~50Hz); (230V~50Hz)
Cat. №		**12000200402** (230V EU) **12021200402** (110V UK) **12020200402** (230V UK)	**12000203611** (230V EU) **12021203611** (110V UK) **12020203611** (230V UK)

SPARKY PROFESSIONAL

Mixing capacity up to 80kg

Synchronized 2-speed metal gears for handling wide spectrum of mixing jobs (BM2 1380CE Plus)

New

HEAVYDUTY

BM 1380CE Plus HD PROFESSIONAL

SM 140 X 570
SM 120 X 570

The helical design mixes the product from the bottom up to prevent adding air into the material.

Perfect mixing of mortar, finished plaster, refractory cements, gypsum, floor compounds, granulates, insulating materials and quartz-filled epoxy resin.

SM 121 X 570

Special mixing shape with twin rotating blades. Radial mixing direction ideal for mixing paints, resins and other materials with ease.

BM2 1380CE Plus HD PROFESSIONAL

- Higher torque allowing even wider spectrum of mixing materials
- New improved larger gearbox for higher torque ratio
- Mixing capacity up to 80kg
- Longer spindle for more comfortable long term use
- Aluminum alloy gearbox
- For mixing paints, resins, plaster, powder and other viscous and liquid materials with ease for professional results

Comes complete with: Paddles SM 140x570, spanner SW22

TECHNICAL DATA		BM 1380CE Plus	BM2 1380CE Plus
No load rpm:	min^{-1}	85–300	85–300 / 150–520
Max. torque:	Nm	60	60
Journal diameter:	mm	43 / L25	43 / L25
Spindle thread:		M14, internal	M14, internal
Weight:	kg	5	5.1
Power input:	W	1260 (230V~50Hz)	1260 (230V~50Hz)
Cat. №		**12000205511**	**12000205611**

SPARKY PROFESSIONAL

Durable design

Wrap round handle with added impact protection to protect the machine and user.

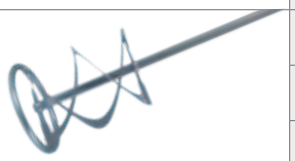
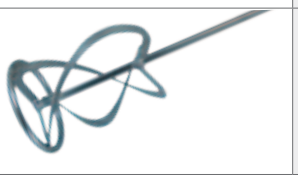
High efficiency

Powerful, high torque motor
Constant electronics
Current and thermal overload protection
Variable speed control with soft start
Magnesium / Aluminium alloy gearbox

Wide range of mixing materials

Perfect mixing of mortar, finished plaster, refractory cements, gypsum, floor compounds, granulates, insulating materials and quartz-filled epoxy resin.

Paddles made of hot-rolled steel with additional layer for corrosion and abrasion resistance.

	Type	Size, mm	Spindle thread	Qmax	Pcs/Pack	Cat. №
	SM 120x570	Ø120x570	M14 outer	Qmax = 30 kg	1	20009680100
	SM 120x570S	Ø120x570	Hex shaft S12	Qmax = 30 kg	1	20009680200
	SM 140x570	Ø140x570	M14 outer	Qmax = 40 kg	1	20009680300
	SM 121x570	Ø120x570	M14 outer	Qmax = 40 kg	1	20009680400
	SM 100x600 E2	Ø100x600	M14 outer	Qmax = 20kg	1	20009708800
	SM 120x600 E3	Ø120x600	M14 outer	Qmax = 30 kg	1	20009708900
	SM 122x600	Ø120x600	M14 outer	Qmax = 25 kg	1	20009712600
	SM 121x600	Ø120x600	M14 outer	Qmax = 20 kg	1	20009712700
	SM 135x600	Ø135x600	M14 outer	Qmax = 50 kg	1	20009712800
	SM 160x600	Ø160x600	M14 outer	Qmax = 80 kg	1	20009712900
	SM 161x600	Ø160x600	M14 outer	Qmax = 80 kg	1	20009713000

	Adapter M14	With inner M14 thread and inner thread 1/2”–20UNF for connection of all standard drills	1	20009681400
	Extension bar	With inner/outer M14 thread for extension (100 mm)	1	20009680700

SPARKY PROFESSIONAL

HAG 1600 PROFESSIONAL

HAG 1600E PROFESSIONAL

Comes complete with:

Carton box (HAG 1600)
Carry case (HAG 1600E)

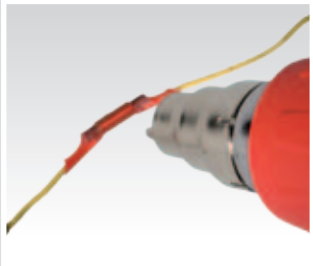
- For dust-free removing of paint and surface treatments
- Electronic temperature smooth adjustment (Index E)
- For crimping cable ends
- For drying fresh varnished coats
- Two air flow settings

REDUCTION NOZZLE

GLASS PROTECTION NOZZLE

REFLECTOR NOZZLE

WIDE SLOT NOZZLE



TECHNICAL DATA		HAG 1600	HAG 1600E
Air flow:	l/min	I: 210 / II: 350	I: 190 – 210 / II: 310 – 350
Heat settings at the nozzle:	°C	I: 400 / II: 550	I: 50–400 / II: 50–550
Weight:	kg	0.85	0.85
Power input:	W	1600 (230V~50Hz)	1600 (230V~50Hz)
Cat. №		**13000204700**	**13000201250**

SPARKY PROFESSIONAL

HAG 2000 PROFESSIONAL

HAG 2000E PROFESSIONAL

HAG 2000ED PROFESSIONAL

- For dust-free removing of paint and surface treatments
- For crimping cable ends
- For drying fresh varnished coats
- Ergonomic soft-grip handle

Three air flow settings

HAG 2000E:

Temperature control button

HAG 2000ED:

Temperature control buttons
LCD display

REDUCTION NOZZLE

GLASS PROTECTION NOZZLE

REFLECTOR NOZZLE

FLAT NOZZLE

TRIANGULAR SCRAPER

TECHNICAL DATA		HAG 2000	HAG 2000E	HAG 2000ED
Air flow:	l/min	I: 350 / II: 350 / III: 500	I: 300 / II: 300 / III: 500	I: 300 / II: 300 / III: 500
Heat settings at the nozzle:	°C	I: 60 / II: 350 / III: 550	I: 60 / II: 60–550 / III: 60–550	I: 50 / II: 70–600 / III: 70–600
Weight:	kg	0.76	0.76	0.76
Power input:	W	2000	2000	2000
Cat. №		**13000204915**	**13000204853**	**13000204651**

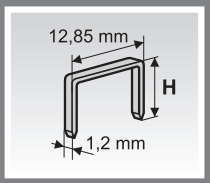
SPARKY PROFESSIONAL

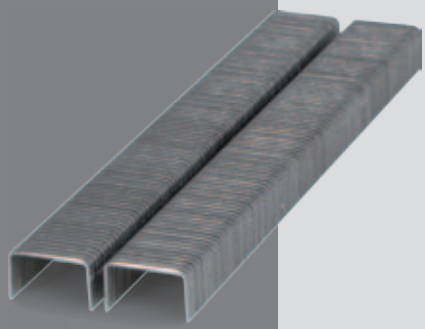
T 14 PROFESSIONAL

- For nails and staples
- Pre-selection of impact energy in 7 steps
- Magazine for nails and staples
- Safety switch to prevent accidental firing

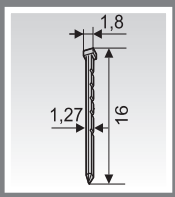
STAPLES & NAILS

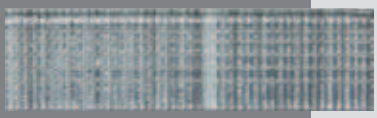
For fixing gripper, ply-wood, hardboard, flooring and more.





Type	Height, mm	Pcs/Pack	Cat. №
851	6	1000	20009600013
851	8	1000	20009600113
851	10	1000	20009600213
851	12	1000	20009600313
851	14	1000	20009600413



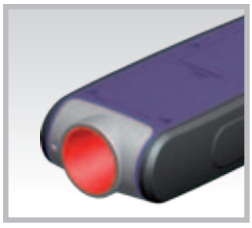


Dimensions, mm	Pcs/Pack	Cat. №
16 x 1,27 x 1,8	1000	20009600513

Comes complete with: Assorted staples, Strap

TECHNICAL DATA		T 14
For:		
- staples	mm	6–14
- nails	mm	16
Stroke rate:		20 / min.
Magazine capacity:	pcs.	83
Weight:	kg	1.1
Voltage:	V	230V~50Hz
Cat. №		**10000200100**

SPARKY PROFESSIONAL



UDD 16

ULTRASONIC DISTANCE DETECTOR

- Ultrasonic distance detector with laser point
- Measures distance, area and volume
- Memory function
- Laser alignment
- Low battery indicator
- Metric and imperial conversions
- Spirit level
- Large, easy-to-read LCD display
- Protective case
- Complete with 1 x 9V DC battery

Pcs/Pack	Cat. №
1	20009860100

MFD 16

MULTI-FUNCTION DETECTOR

- Ultrasonic distance dector with laser point
- Caculation of distance, length, area and volume
- Detects metal
- Detects active circuit with AC 220V
- Detects wood
- Metric and imperial conversions
- Spirit level
- Low-battery indicator
- Large, easy-to-read LCD display with backlight
- Complete with 1 x 9V DC battery

Pcs/Pack	Cat. №
1	20009860200

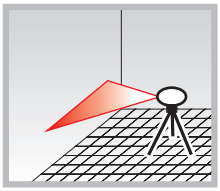
MEASURING TAPES

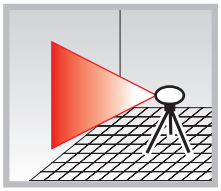
- Wide tape, strong and flexible
- Metric system
- Wear resistant covering, with ware-out protection
- Two stops
- Magnetic hook

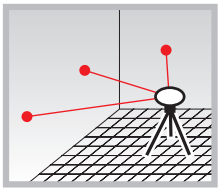
Type	Length, m	Width, mm	Thickness, mm	Bending–Vertical, m	Bending–Horizontal, m	Pcs/Pack	Cat. №
MT 3M	3	16	0.105	1.6	1.35	1	20009711300
MT 5M	5	19	0.105	1.9	1.5	1	20009700100
MT 7.5M	7.5	25	0.105	2.8	2.0	1	20009711400
MT 10M	10	25	0.105	2.8	2.0	1	20009709800

LASER MEASURING TAPE

- Laser guide measuring tape and adjustable tripod







Type	Length, m	Width, mm	Thickness, mm	Bending–Vertical, m	Bending–Horizontal, m	Pcs/Pack	Cat. №
MT 7.5ML	7.5	25	0.105	2.8	2.0	1	20009709900

HEAVY DUTY **PREMIUM QUALITY**

- Non-slip rubber case
- Extra wide nylon covered tape for added durability

Type	Length, m	Width, mm	Thickness, mm	Bending–Vertical, m	Bending–Horizontal, m	Pcs/Pack	Cat. №
MT 3M	3	16	0.135	2.1	1.35	1	20008711300
MT 5M	5	25	0.135	3.5	2.3	1	20008700100
MT 7.5M	7.5	25	0.135	3.5	2.3	1	20008711400
MT 10M	10	25	0.135	3.5	2.3	1	20008709800

CANTILEVER TOOL BOX

High quality cantilever metal tool box, powder coated in SPARKY Red

Type	Dimensions, cm	Pcs/Pack	Cat. №
MWK 106	43 x 20 x 20, 5 trays	1	20009708300
MWK 205	53 x 20 x 20, 5 trays	1	20009708400

CARRY BAG

- Fully protective carry bag
- Designed to hold fully assembled machine and accessories
- Internal and external pockets for storage
- Complete with shoulder strap

Dimensions, mm	Pcs/Pack	Cat. №
350 x 220 x 240	1	20009685900

BACKPACK 25L

Padded laptop pocket inside the main compartment including a velcro strip for secure travelling

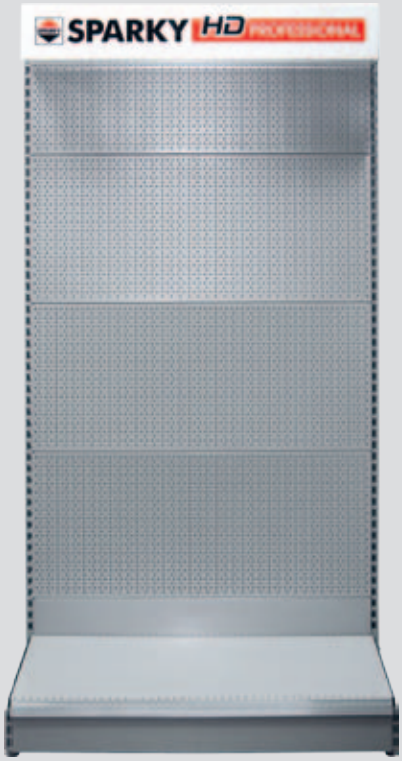
Descritpion	Pcs/Pack	Cat. №
Backpack & Notebook sleeve black-red	1	20009711700
Backpack & Notebook sleeve red-black	1	20009711800

SPARKY BANNER

Descritpion	Pcs/Pack	Cat. №
Advertising vinyl banner – 80 x 180 cm with mounting frame	1	20009840000

SP 3 – DISPLAY

- One metre wide display stand
- Quick and easy to assemble
- Optional light canopy
- All steel construction
- Strong enough to hold most SPARKY machines



Pcs/Pack	Cat. №
1	20009840100

NOTES

NOTES

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