



ELECTRIC TOOLS

POWER TOOLS





ELECTRIC TOOLS

SAFETY

SPARKY Power Tools comply with the safety requirements as provided in IEC Publication 745, DIN VDE 0740, EN 50144, Harmonised Documents HD 400.

OPERATING VOLTAGE

SPARKY Power Tools are designed for single-phase operating voltage 230 V and frequency 50/60 Hz.

DOUBLE INSULATION

SPARKY Power Tools are protectively insulated according to the requirements of IEC 745, HD 400, DIN VDE 0740, EN 50144 and are denoted 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 can be connected by two-prong plug to grounded or not grounded sockets.

RADIO INTERFERENCE

SPARKY Power Tools are radio suppressed under Directive 89/336/EEC and European Standard EN 55014.

CERTIFICATES

SPARKY Power Tools are certified by TÜV Rheinland, Cologne/Germany for conformity with the provisions of the regulations 73/23/EEC, 89/392/EEC, 89/336/EEC of the Council of European Community and DIN VDE 0740.

OPERATING INSTRUCTIONS

Each SPARKY Power Tool is furnished with multi-lingual Operating and Safety Instructions. Please read, understand and follow the instructions for your safety, best care and performance.

EXTENSION CORD CHART

SPARKY Power Tools are designed to operate efficiently to a 5% drop of voltage. Choose the correct size, depending on cord length and rated current, indicated on the name plate. If in doubt, use the next heavier cord. Improper selection of extension cord will cause a voltage drop, resulting in loss of power and overheating. Recommended minimum extension cords size (mm²), based on limiting the line voltage drop to 5%:

Name Plate Amperes	Extension Cord Length, m				
	10	20	25	30	40
2,0-5,0	1,0	1,0	1,0	1,0	1,5
5,1-6,3	1,0	1,0	1,0	1,5	2,5
6,4-10,0	1,0	1,5	2,5	2,5	4,0

DISCLAIMER

We reserve the right to make changes or improvements on our products without incurring an additional obligation including any obligation to make corresponding changes or improvements in products previously manufactured or sold.

SYMBOLS



Double Insulation



Protective Clutch



Electronic Preselection of Speed



Spindle Lock



Constant Electronics Plus Electronic Preselection of Speed



Pendulum Action



16A Electronics for Soft Start, Restriction of Starting Current and Overload Protection



Bevel Cutting



Right - Left Run



Connection to Vacuum Cleaner

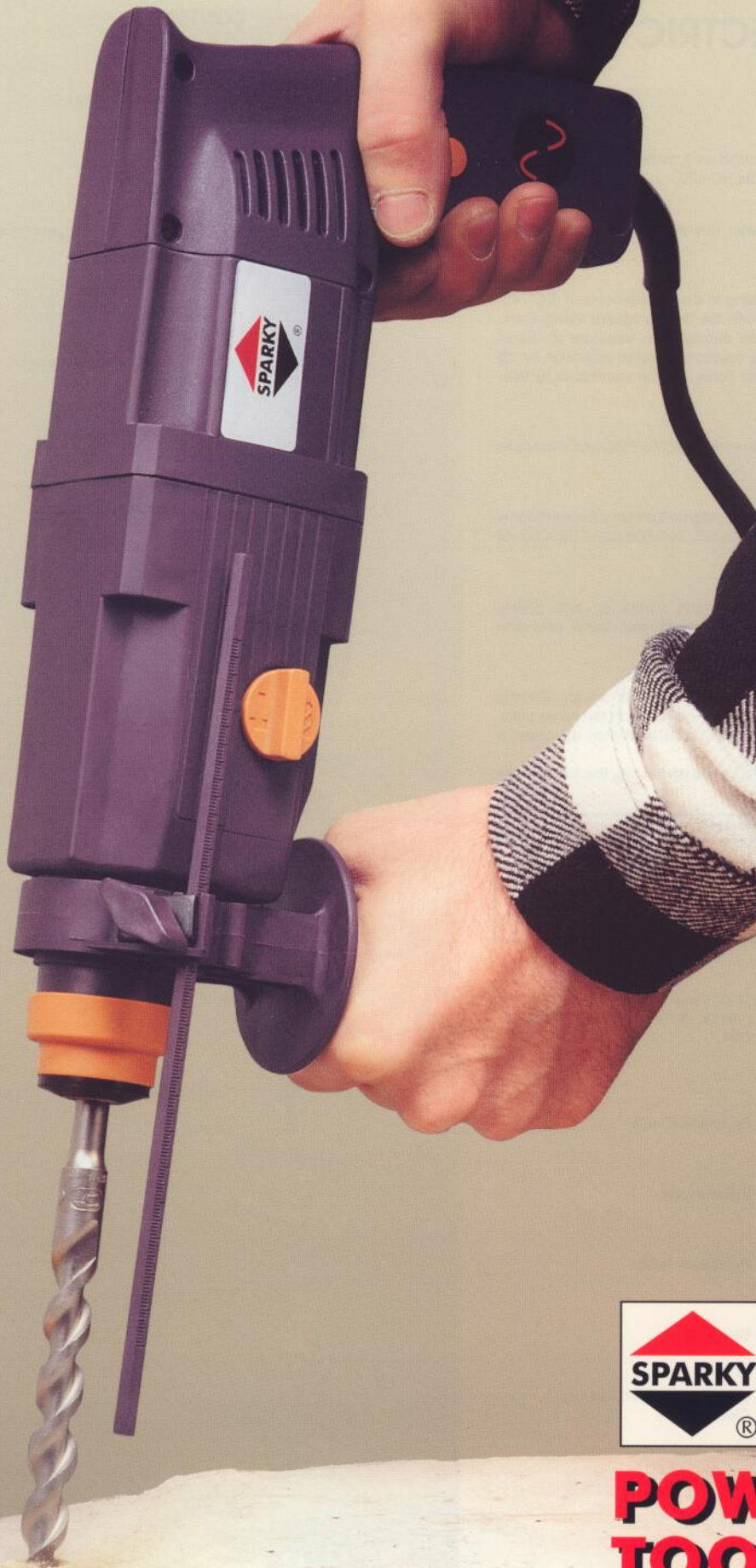
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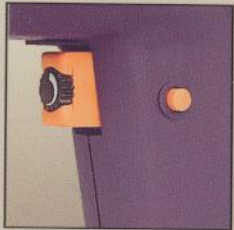
**POWER
TOOLS**

DRILLS

B 101



- Lock-on button
- Double insulated



B 101E



- Electronic preselection of speed
- Trigger speed control switch
- Lock-on button
- Double insulated



B2 131



- Lock-on button
- Synchronised two-speed gear
- Plastic shell metal gear case
- Double insulated

B2 131E



- Electronic preselection of speed
- Trigger speed control switch
- Lock-on button
- Synchronised two-speed gear
- Plastic shell metal gear case
- Double insulated

SPECIFICATIONS

		B 101	B 101E	B2 131	B2 131E
Capacity:					
- Steel	mm	13	13	13 / 8	13 / 8
- Wood	mm	20	20	30 / 20	30 / 20
No load speed	min ⁻¹	2800	0-2800	1200 / 3200	0-1200 / 0-3200
Spindle thread	UNF	1/2"-20	1/2"-20	1/2"-20	1/2"-20
Journal diameter	mm	43	43	43	43
Weight	kg	1,3	1,3	1,8	1,8
Rated input	W	500	500	550	550

MODELS INCLUDE: Chuck with key, auxiliary handle, depth gauge, key holder.

IMPACT DRILLS



BU 101



- Lock-on button
- Switching off the impact mode
- Double insulated

BU 101E



- Electronic preselection of speed
- Trigger speed control switch
- Lock-on button
- Switching off the impact mode
- Double insulated



BUR 102E

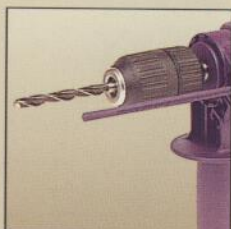


- Electronic preselection of speed
- Trigger speed control switch
- Lock-on button
- Right - left run
- Chuck securing screw
- Switching off the impact mode
- Double insulated

SPECIFICATIONS		BU 101	BU 101E	BUR 102E
Capacity:				
- Concrete	mm	13	13	13
- Steel	mm	13	13	13
- Non-ferrous metals	mm	16	16	16
- Wood	mm	20	20	20
No load speed	min ⁻¹	2800	0-2800	0-3000
Spindle thread	UNF	1/2"-20	1/2"-20	1/2"-20
Journal diameter	mm	43	43	43
Weight	kg	1,3	1,3	1,3
Rated input	W	500	500	500

MODELS INCLUDE: Chuck with key, auxiliary handle, depth gauge.

IMPACT DRILLS



BU 150



- Lock-on button
- Convenient tips store
- Switching off the impact mode
- Auto-stop brushes
- Double insulated

BU 150E



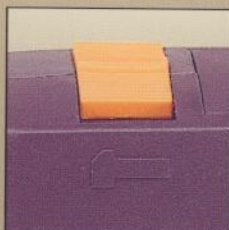
- Electronic preselection of speed
- Trigger speed control switch
- Lock-on button
- Convenient tips store
- Direct fitting the tip into the spindle
- Switching off the impact mode
- Auto-stop brushes
- Double insulated



BUR 150E



- Electronic preselection of speed
- Trigger speed control switch
- Lock-on button
- Right - left run
- Convenient tips store
- Direct fitting the tip into the spindle
- Switching off the impact mode
- Auto-stop brushes
- Double insulated



SPECIFICATIONS

		BU 150	BU 150E	BUR 150E
Capacity:				
- Concrete	mm	15	15	15
- Steel	mm	13	13	13
- Non-ferrous metals	mm	16	16	16
- Wood	mm	25	25	25
No load speed	min ⁻¹	2800	0-2800	0-2800
Spindle thread	UNF	1/2"-20	1/2"-20	1/2"-20
Journal diameter	mm	43	43	43
Weight	kg	1,5	1,5	1,5
Rated input	W	650	650	600

MODELS INCLUDE: Chuck with key, auxiliary handle, depth gauge.
OPTION: Keyless chuck.



SPARKY

TWO-SPEED IMPACT DRILLS



BUR2 160



- Lock-on button
- Synchronised two-speed gear
- Switching off the impact mode
- Metal gear case
- Auto-stop brushes
- Double insulated



BUR2 160E



- Electronic preselection of speed
- Trigger speed control switch
- Lock-on button
- Right - left run
- Chuck securing screw
- Synchronised two-speed gear
- Switching off the impact mode
- Metal gear case
- Auto-stop brushes
- Double insulated

BUR2 160M



- Lock-on button
- Synchronised two-speed gear
- Switching off the impact mode
- Metal gear case
- Auto-stop brushes
- Double insulated

BUR2 160ME



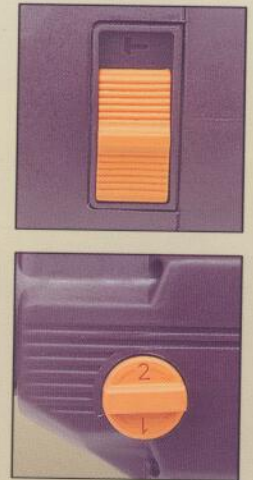
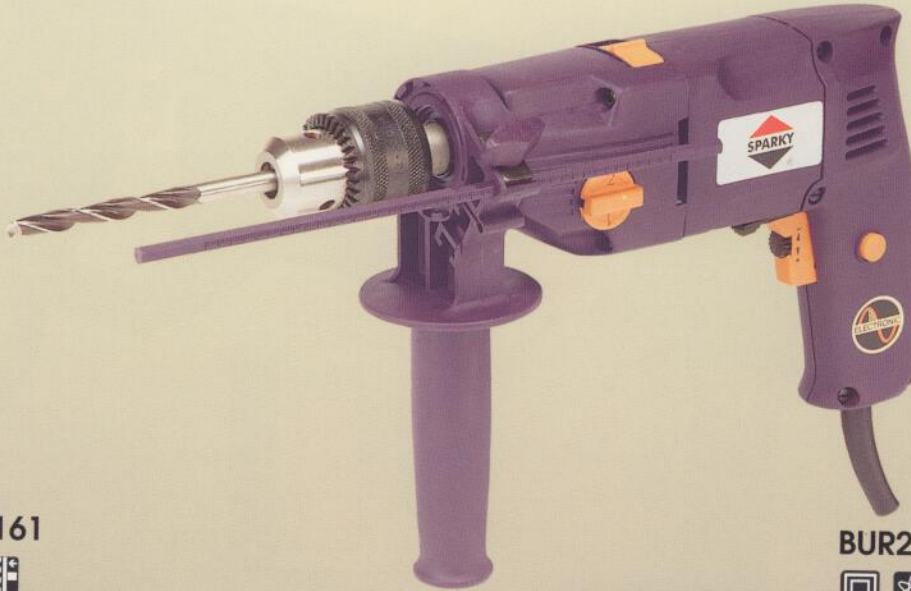
- Electronic preselection of speed
- Trigger speed control switch
- Lock-on button
- Right - left run
- Chuck securing screw
- Synchronised two-speed gear
- Switching off the impact mode
- Metal gear case
- Auto-stop brushes
- Double insulated

SPECIFICATIONS

		BUR2 160	BUR2 160E	BUR2 160M	BUR2 160ME
Capacity:					
- Concrete	mm	16 / 10	16 / 10	16 / 10	16 / 10
- Steel	mm	13 / 8	13 / 8	13 / 8	13 / 8
- Non-ferrous metals	mm	16 / 10	16 / 10	16 / 10	16 / 10
- Wood	mm	30 / 20	30 / 20	30 / 20	30 / 20
No load speed	min ⁻¹	1100/3300	0-1100/0-3100	1300 / 3600	0-1200 / 0-3200
Spindle thread	UNF	1/2"-20	1/2"-20	1/2"-20	1/2"-20
Journal diameter	mm	43	43	43	43
Weight	kg	2,1	2,1	2,1	2,1
Rated input	W	550	500	650	650

MODELS INCLUDE: Chuck with key, auxiliary handle, depth gauge.
OPTION: Keyless chuck.

TWO-SPEED IMPACT DRILLS



BU2 161



- Lock-on button
- Synchronised two-speed gear
- Protective clutch
- Switching off the impact mode
- Plastic shell metal gear case
- Double insulated



BUR2 161E



- Electronic preselection of speed
- Trigger speed control switch
- Lock-on button
- Right - left run
- Chuck securing screw
- Synchronised two-speed gear
- Protective clutch
- Switching off the impact mode
- Plastic shell metal gear case
- Double insulated

BU2 162



- Lock-on button
- Synchronised two-speed gear
- Switching off the impact mode
- Plastic shell metal gear case
- Double insulated

BUR2 162E



- Electronic preselection of speed
- Trigger speed control switch
- Lock-on button
- Right - left run
- Chuck securing screw
- Synchronised two-speed gear
- Switching off the impact mode
- Plastic shell metal gear case
- Double insulated

BUR2 162ME



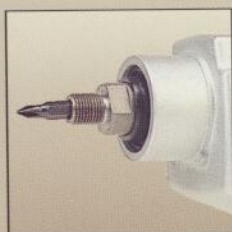
- Electronic preselection of speed
- Trigger speed control switch
- Lock-on button
- Right - left run
- Chuck securing screw
- Synchronised two-speed gear
- Switching off the impact mode
- Plastic shell metal gear case
- Double insulated

SPECIFICATIONS

		BU2 161	BUR2 161E	BU2 162	BUR2 162E	BUR2 162ME
Capacity:						
- Concrete	mm	16 / 10	16 / 10	16 / 10	16 / 10	16 / 10
- Steel	mm	13 / 8	13 / 8	13 / 8	13 / 8	13 / 8
- Non-ferrous metals	mm	16 / 10	16 / 10	16 / 10	16 / 10	16 / 10
- Wood	mm	30 / 20	30 / 20	30 / 20	30 / 20	30 / 20
No load speed	min ⁻¹	1200 / 3200	0-1200 / 0-3200	1200 / 3200	0-1200 / 0-3500	0-1200 / 0-3500
Spindle thread	UNF	1/2"-20	1/2"-20	1/2"-20	1/2"-20	1/2"-20
Journal diameter	mm	43	43	43	43	43
Weight	kg	1,8	1,8	1,8	1,8	1,8
Rated input	W	550	500	550	500	650

MODELS INCLUDE: Chuck with key, auxiliary handle, depth gauge.
OPTION: Keyless chuck.

TWO-SPEED IMPACT DRILLS



BU2 350



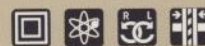
- Lock-on button
- Synchronised two-speed gear
- Protective clutch
- Switching off the impact mode
- Metal gear case
- Auto-stop brushes
- Double insulated

BU2 350E



- Electronic preselection of speed
- Trigger speed control switch
- Lock-on button
- Synchronised two-speed gear
- Protective clutch
- Direct fitting the tip into the spindle
- Switching off the impact mode
- Metal gear case
- Auto-stop brushes
- Double insulated

BUR2 350E



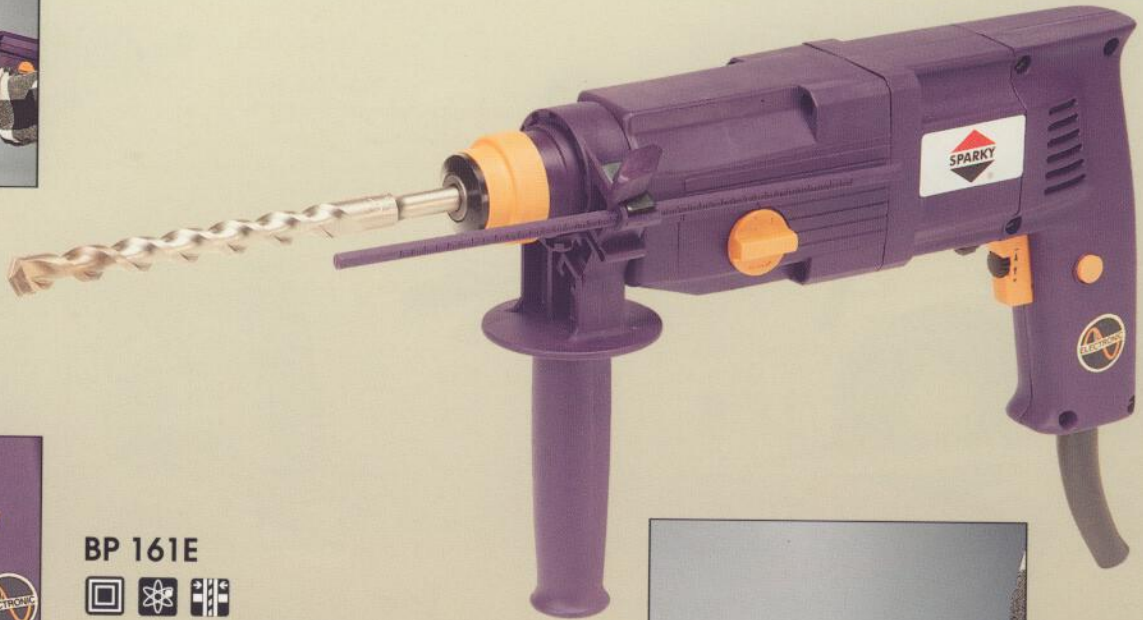
- Electronic preselection of speed
- Trigger speed control switch
- Lock-on button
- Synchronised two-speed gear
- Right - left run
- Protective clutch
- Direct fitting the tip into the spindle
- Switching off the impact mode
- Metal gear case
- Auto-stop brushes
- Double insulated

SPECIFICATIONS

		BU2 350	BU2 350E	BUR2 350E
Capacity:				
- Concrete	mm	35 / 16	35 / 16	35 / 16
- Steel	mm	16 / 10	16 / 10	16 / 10
- Non-ferrous metals	mm	20 / 13	20 / 13	20 / 13
- Wood	mm	45 / 20	45 / 20	45 / 20
No load speed	min ⁻¹	800 / 2000	0-800 / 0-2000	0-800 / 0-2000
Spindle thread	UNF	1/2"-20	1/2"-20	1/2"-20
Journal diameter	mm	43	43	43
Weight	kg	2,7	2,7	2,7
Rated input	W	1010	1010	1010

MODELS INCLUDE: Chuck with key, auxiliary handle, depth gauge.
 OPTION: Keyless chuck.

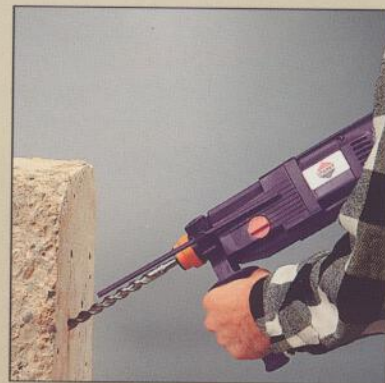
ROTARY HAMMERS



BP 161E



- Electro-pneumatic system
- Electronic preselection of speed
- Trigger speed control switch
- Lock-on button
- Switching off the hammer mode
- Protective clutch
- Auto-stop brushes
- Double insulated



BPR 161E



- Electro-pneumatic system
- Electronic preselection of speed
- Trigger speed control switch
- Lock-on button
- Right - left run
- Switching off the hammer mode
- Protective clutch
- Auto-stop brushes
- Double insulated



SPECIFICATIONS

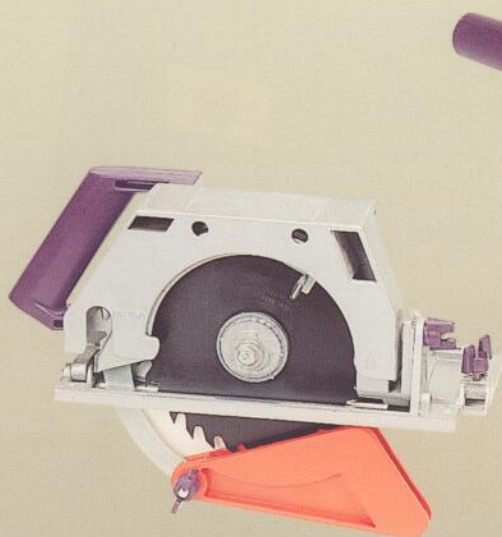
BP 161E

BPR 161E

		BP 161E	BPR 161E
Capacity:			
- Concrete	mm	16	16
- Steel	mm	13	13
- Non-ferrous metals	mm	16	16
- Wood	mm	30	30
No load speed	min ⁻¹	0-1600	0-1200
Drill bit connection		SDS-PLUS	SDS-PLUS
Journal diameter	mm	43	43
Weight	kg	2,3	2,3
Rated input	W	500	450

MODELS INCLUDE: Chuck with key, adapter, auxiliary handle, depth gauge.

ATTACHMENTS AND ACCESSORIES



PC 150

CIRCULAR SAW

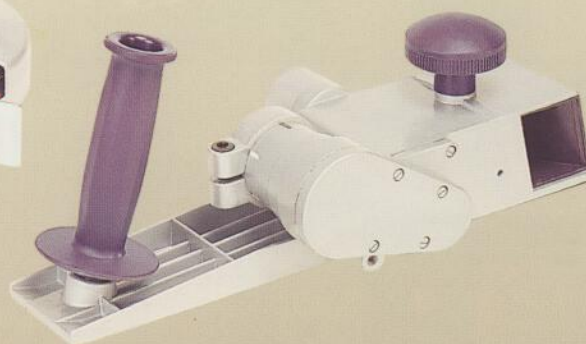
- Possibility for coupling to all drills with journal Ø43 mm and spindle dihedral 17 mm
- Stageless adjustment of cutting angle and depth



PV 115

ANGLE GRINDING HEAD

- Possibility for coupling to all drills with journal Ø43 mm and spindle dihedral 17 mm
- Max no load rpm of driving drill - 5000 min⁻¹



PR 70

PLANER

- Possibility for coupling to all drills with journal Ø43 mm and spindle dihedral 17 mm
- Possibility for side incision
- Adjustment of bevel planing

SPECIFICATIONS

Cutting capacity	mm
Bevel cutting	°
Slot width	mm
Blade diameter	mm
Blade arbor	mm

PC150

0 - 42
0 - 45
2,5 - 11
150
19

SPECIFICATIONS

Wheel diameter	mm
Gear ratio	

PV 115

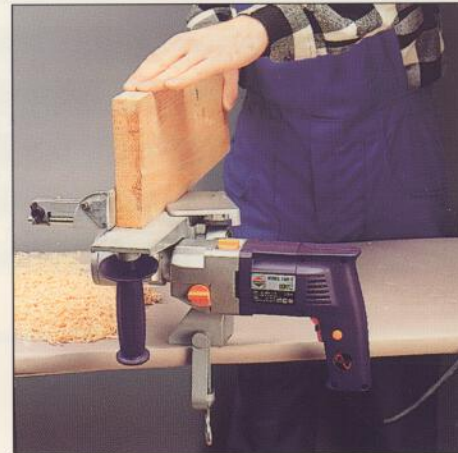
115
1 : 2,46

SPECIFICATIONS

Planing width	mm
Planing depth	mm
Side incision depth	mm

PR 70

70
0,5 / 1,0
15





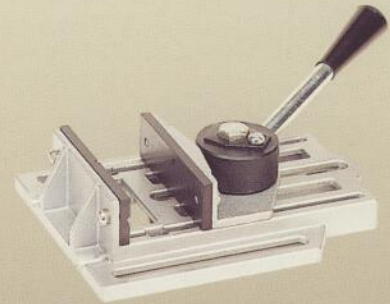
ATTACHMENTS AND ACCESSORIES



SP 43

DRILL STAND

- Particularly stable performance with cast-iron base convenient for fixing a vice
- For precise and safe drilling
- Swivelling arm with adjustable height
- Applicable for all drills with journal Ø43 mm, weight below 3 kg and rated input up to 1010 W



CE 100

VICE

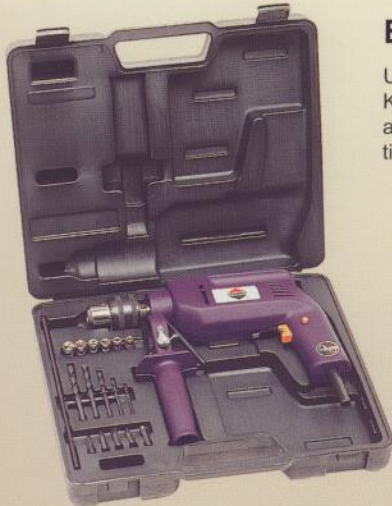
- For stable fixing of the machined piece to a drill stand.

SPECIFICATIONS

		SP 43	SPECIFICATIONS		CE 100
Maximum feed	mm	70	Run of clamping jaw	mm	100
Chuck to column axis	mm	125	Jaw width	mm	100
Base dimensions	mm	160 x 160	Joining dimension	mm	125
Height	mm	550	Weight	kg	1,5
Weight	kg	6,0			

BK 2

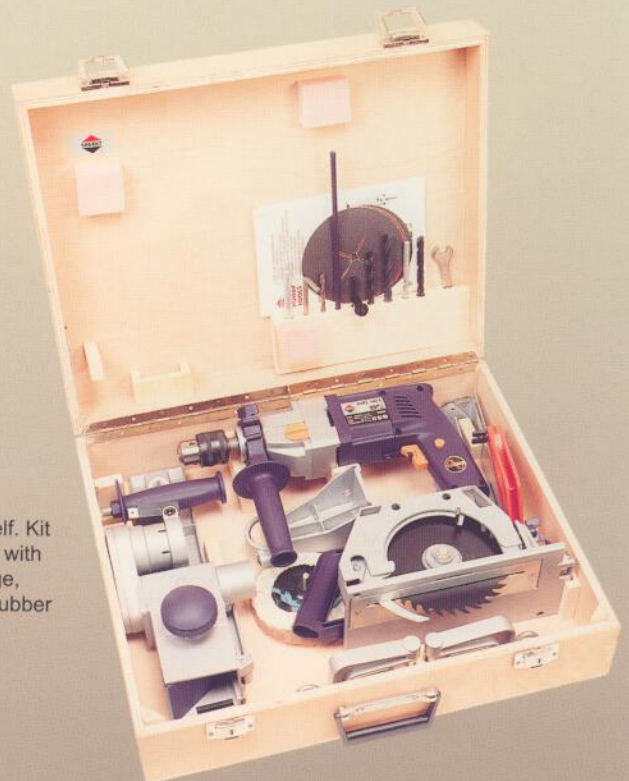
Unique assistant for the household and workshop. Kit includes impact drill BUR 102E, chuck and key, auxiliary handle, depth gauge, 5 drill bits, 5 screw tips, 6 hex sockets.



TOOL KITS

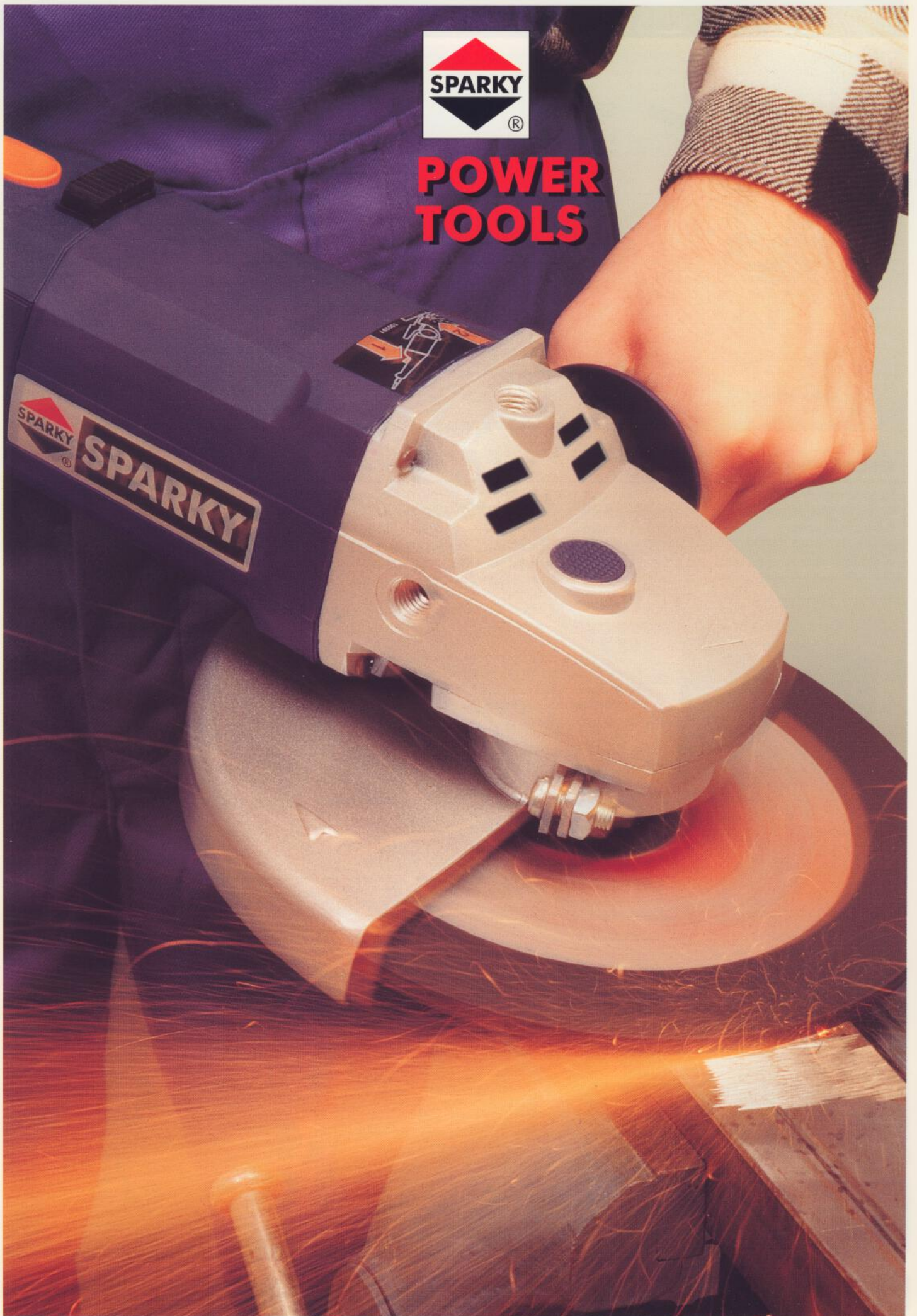
KP 2D4

Necessary for each serious do-it-yourself. Kit includes impact drill BUR2 160E, chuck with key, screw, auxiliary handle, depth gauge, attachments - circular saw and planer, rubber disk and polishing bonnet, 5 drill bits, 3 abrasive sanding disks.





**POWER
TOOLS**



ANGLE GRINDERS



M 600E



M 601



M 600



- Flat plastic gear case for operation in confined areas
- Bilateral connection of auxiliary handle
- Lock-on rocker switch
- Auto-stop brushes
- Double insulated

M 600E



- Electronic preselection of speed
- Flat plastic gear case for operation in confined areas
- Bilateral connection of auxiliary handle
- Lock-on rocker switch
- Auto-stop brushes
- Double insulated

M 601



- Spindle lock button for convenient wheel replacement
- Flat metal gear case for operation in confined areas
- Bilateral connection of auxiliary handle
- Lock-on rocker switch
- Auto-stop brushes
- Double insulated

SPECIFICATIONS

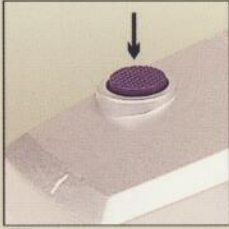
		M 600	M 600E	M 601
Wheel diameter / thickness	mm	115 / 6	115 / 6	125 / 6
No load speed	min ⁻¹	11000	2800-11000	10000
Spindle thread		M14	M14	M14
Weight	kg	1,3	1,3	1,4
Rated input	W	600	600	600

MODELS INCLUDE: Wheel guard, auxiliary handle, support washer, lock nut, wrench, lock nut wrench.

MODEL INCLUDES: Wheel guard, auxiliary handle, support washer, lock nut, lock nut wrench.

**SPARKY**

ANGLE GRINDERS



M 720

**NEW**

- Spindle lock button for convenient wheel replacement
- Flat metal gear case for operation in confined areas
- Bilateral connection of auxiliary handle
- Lock-on rocker switch
- Auto-stop brushes
- Double insulated

M 850



- Spindle lock button for convenient wheel replacement
- Flat metal gear case for operation in confined areas
- Bilateral connection of auxiliary handle
- Lock-on rocker switch
- Auto-stop brushes
- Double insulated

M 850E



- Electronic preselection of speed
- Spindle lock button for convenient wheel replacement
- Flat metal gear case for operation in confined areas
- Bilateral connection of auxiliary handle
- Lock-on rocker switch
- Auto-stop brushes
- Double insulated

M 720E

**NEW**

- Electronic preselection of speed
- Spindle lock button for convenient wheel replacement
- Flat metal gear case for operation in confined areas
- Bilateral connection of auxiliary handle
- Lock-on rocker switch
- Auto-stop brushes
- Double insulated

MB 850

**NEW**

- Electronics for soft start, restriction of the starting current and overload protection
- Spindle lock button for convenient wheel replacement
- Flat metal gear case for operation in confined areas
- Bilateral connection of auxiliary handle
- Lock-on rocker switch
- Auto-stop brushes
- Double insulated

MB 850CE

**NEW**

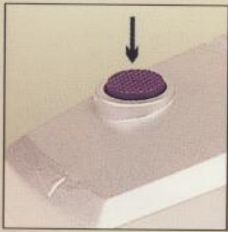
- Electronics for soft start, restriction of the starting current and overload protection
- Constant electronics for automatic sustaining high rotation speed regardless of loading
- Electronic preselection of speed
- Spindle lock button for convenient wheel replacement
- Flat metal gear case for operation in confined areas
- Bilateral connection of auxiliary handle
- Lock-on rocker switch
- Auto-stop brushes
- Double insulated

SPECIFICATIONS

		M 720	M 720E	M 850	M 850E	MB 850	MB 850CE
Wheel diameter / thickness	mm	115 / 6	115 / 6	125 / 6	125 / 6	125 / 6	125 / 6
No load speed	min ⁻¹	10000	2800-10000	11000	2800-11000	11000	2800-11000
Spindle thread		M14	M14	M14	M14	M14	M14
Weight	kg	1,6	1,6	1,6	1,6	1,6	1,6
Rated input	W	720	720	850	850	850	850

MODELS INCLUDE: Wheel guard, auxiliary handle, support washer, lock nut, lock nut wrench.

ANGLE GRINDERS



M 902

M 902



- Spindle lock button for convenient wheel replacement
- Safety button to avoid accidental switching on
- Flat metal gear case for operation in confined areas
- Bilateral connection of auxiliary handle
- Auto-stop brushes
- Double insulated

M 902A



- Spindle lock button for convenient wheel replacement
- Safety button to avoid accidental switching on
- Flat metal gear case for operation in confined areas
- Bilateral connection of auxiliary handle
- Auto-stop brushes
- Double insulated

M 1800



- Safety button to avoid accidental switching on
- Flat metal gear case for operation in confined areas
- Bilateral connection of auxiliary handle
- Auto-stop brushes
- Double insulated

MA 1800



- Safety button to avoid accidental switching on
- Flat metal gear case for operation in confined areas
- Bilateral connection of auxiliary handle
- Auto-stop brushes
- Double insulated



MA 1800

SPECIFICATIONS

		M 902	M 902A	M 1800	MA 1800
Wheel diameter / thickness	mm	150 / 6	125 / 6	180 / 10	230 / 8
No load speed	min ⁻¹	9000	9000	8500	6600
Spindle thread		M14	M14	M14	M14
Weight	kg	2,5	2,5	4,1	4,1
Rated input	W	900	900	1800	1800

MODELS INCLUDE: Wheel guard, auxiliary handle, support washer, lock nut, lock nut wrench.

MODELS INCLUDE: Wheel guard, auxiliary handle, support washer, lock nut, wrench, lock nut wrench.

PROFESSIONAL ANGLE GRINDERS

M 2000



- Safety button to avoid accidental switching on
- Flat metal gear case for operation in confined areas
- Bilateral connection of auxiliary handle
- Auto-stop brushes
- Double insulated



MB 2000

MA 2000



- Safety button to avoid accidental switching on
- Flat metal gear case for operation in confined areas
- Bilateral connection of auxiliary handle
- Auto-stop brushes
- Double insulated

MB 2000



- Electronics for soft start, restriction of the starting current and overload protection
- Safety button to avoid accidental switching on
- Flat metal gear case for operation in confined areas
- Bilateral connection of auxiliary handle
- Auto-stop brushes
- Double insulated



MBA 2000

MBA 2000



- Electronics for soft start, restriction of the starting current and overload protection
- Safety button to avoid accidental switching on
- Flat metal gear case for operation in confined areas
- Bilateral connection of auxiliary handle
- Auto-stop brushes
- Double insulated

SPECIFICATIONS

		M 2000	MA 2000	MB 2000	MBA 2000
Wheel diameter / thickness	mm	180 / 10	230 / 8	180 / 10	230 / 8
No load speed	min ⁻¹	8500	6600	8500	6600
Spindle thread		M14	M14	M14	M14
Weight	kg	4,1	4,1	4,2	4,2
Rated input	W	2000	2000	2000	2000

MODELS INCLUDE: Wheel guard, auxiliary handle, support washer, lock nut, wrench, lock nut wrench.

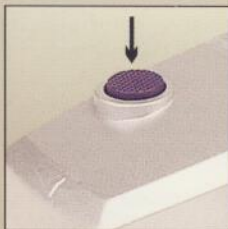
PROFESSIONAL ANGLE GRINDERS



MB 2001



MBA 2001



M 2001



- Spindle lock button for convenient wheel replacement
- Safety button to avoid accidental switching on
- Flat metal gear case for operation in confined areas
- Bilateral connection of auxiliary handle
- Auto-stop brushes
- Double insulated

MB 2001



- Electronics for soft start, restriction of the starting current and overload protection
- Spindle lock button for convenient wheel replacement
- Safety button to avoid accidental switching on
- Flat metal gear case for operation in confined areas
- Bilateral connection of auxiliary handle
- Auto-stop brushes
- Double insulated

MA 2001



- Spindle lock button for convenient wheel replacement
- Safety button to avoid accidental switching on
- Flat metal gear case for operation in confined areas.
- Bilateral connection of auxiliary handle
- Auto-stop brushes
- Double insulated

MBA 2001



- Electronics for soft start, restriction of the starting current and overload protection
- Spindle lock button for convenient wheel replacement
- Safety button to avoid accidental switching on
- Flat metal gear case for operation in confined areas.
- Bilateral connection of auxiliary handle
- Auto-stop brushes
- Double insulated

SPECIFICATIONS

		M 2001	MA 2001	MB 2001	MBA 2001
Wheel diameter / thickness	mm	180 / 10	230 / 8	180 / 10	230 / 8
No load speed	min ⁻¹	8500	6600	8500	6600
Spindle thread		M14	M14	M14	M14
Weight	kg	4,3	4,3	4,4	4,4
Rated input	W	2000	2000	2000	2000

MODELS INCLUDE: Wheel guard, auxiliary handle, support washer, lock nut, lock nut wrench.

PROFESSIONAL ANGLE GRINDERS



M 2002



MBA 2002

M 2002

NEW



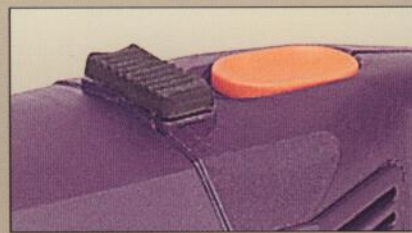
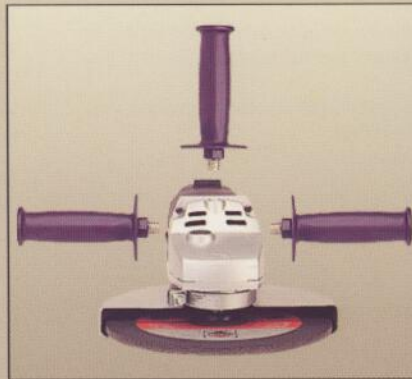
- Spindle lock button for convenient wheel replacement
- Safety button to avoid accidental switching on
- Flat metal gear case for operation in confined areas
- Vibro-absorbing rear handle to reduce fatigue
- 3-position side handle provides L, R and Top control
- Auto-stop brushes
- Double insulated

MA 2002

NEW



- Equipped with sintered gear for low noise level
- Spindle lock button for convenient wheel replacement
- Safety button to avoid accidental switching on
- Flat metal gear case for operation in confined areas.
- Vibro-absorbing rear handle to reduce fatigue
- 3-position side handle provides L, R and Top control
- Auto-stop brushes
- Double insulated



MB 2002

NEW



- Electronics for soft start, restriction of the starting current and overload protection
- Spindle lock button for convenient wheel replacement
- Safety button to avoid accidental switching on
- Flat metal gear case for operation in confined areas
- Vibro-absorbing rear handle to reduce fatigue
- 3-position side handle provides L, R and Top control
- Auto-stop brushes
- Double insulated

MBA 2002

NEW



- Electronics for soft start, restriction of the starting current and overload protection
- Equipped with sintered gear for low noise level
- Spindle lock button for convenient wheel replacement
- Safety button to avoid accidental switching on
- Flat metal gear case for operation in confined areas.
- Vibro-absorbing rear handle to reduce fatigue
- 3-position side handle provides L, R and Top control
- Auto-stop brushes
- Double insulated

SPECIFICATIONS

		M 2002	MA 2002	MB 2002	MBA 2002
Wheel diameter / thickness	mm	180 / 10	230 / 8	180 / 10	230 / 8
No load speed	min ⁻¹	8500	6600	8500	6600
Spindle thread		M14	M14	M14	M14
Weight	kg	4,2	4,2	4,3	4,3
Rated input	W	2000	2000	2000	2000

MODELS INCLUDE: Wheel guard, auxiliary handle, support washer, lock nut, lock nut wrench.

PROFESSIONAL ANGLE GRINDERS

WS 2300



- Spindle lock button for convenient wheel replacement
- Safety button to avoid accidental switching on
- Flat metal gear case for operation in confined areas
- Bilateral connection of auxiliary handle
- Auto-stop brushes
- Double insulated

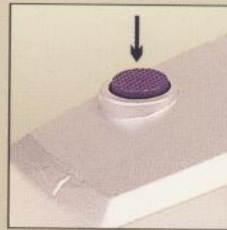


WSB 2300

WSA 2300



- Spindle lock button for convenient wheel replacement
- Safety button to avoid accidental switching on
- Flat metal gear case for operation in confined areas
- Bilateral connection of auxiliary handle
- Auto-stop brushes
- Double insulated



WSB 2300



NEW

- Electronics for soft start, restriction of the starting current and overload protection
- Spindle lock button for convenient wheel replacement
- Safety button to avoid accidental switching on
- Flat metal gear case for operation in confined areas
- Bilateral connection of auxiliary handle
- Auto-stop brushes
- Double insulated

WSBA 2300



NEW

- Electronics for soft start, restriction of the starting current and overload protection
- Spindle lock button for convenient wheel replacement
- Safety button to avoid accidental switching on
- Flat metal gear case for operation in confined areas
- Bilateral connection of auxiliary handle
- Auto-stop brushes
- Double insulated



WSBA 2300

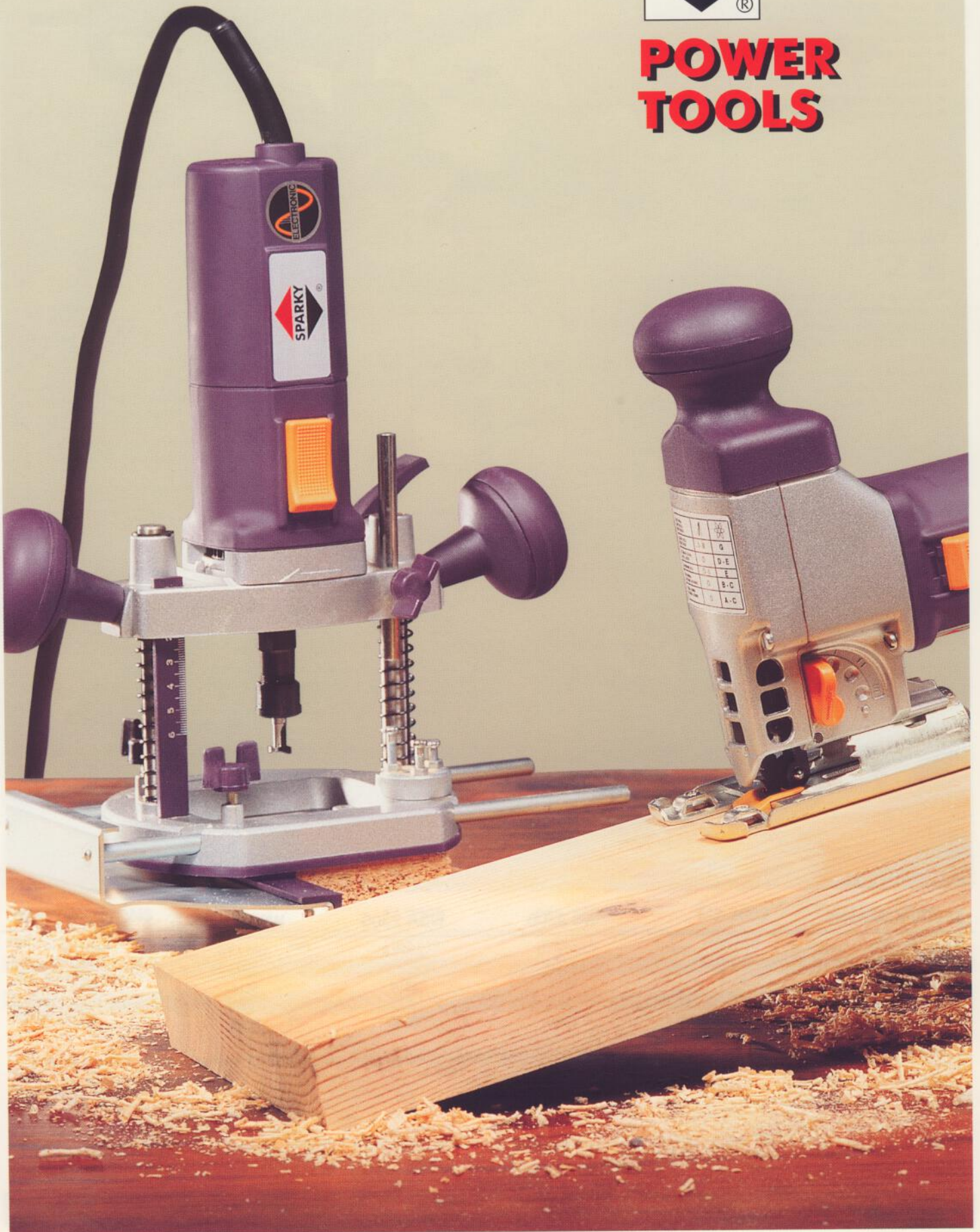
SPECIFICATIONS

		WS 2300	WSA 2300	WSB 2300	WSBA 2300
Wheel diameter / thickness	mm	180 / 10	230 / 8	180 / 10	230 / 8
No load speed	min ⁻¹	8500	6600	8500	6600
Spindle thread		M14	M14	M14	M14
Weight	kg	6,0	6,0	6,1	6,1
Rated input	W	2300	2300	2300	2300

MODELS INCLUDE: Wheel guard, auxiliary handle, support washer, lock nut, lock nut wrench.



**POWER
TOOLS**



STRAIGHT GRINDERS

ROUTER



MK 500

NEW



- Light and compact tool for one-hand operation
- Auto-stop brushes
- Possibility for stationary operation with Ø43 journal
- Double insulated

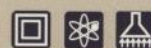
MK 500E

NEW



- Light and compact tool for one-hand operation
- Electronic preselection of speed
- Auto-stop brushes
- Possibility for stationary operation with Ø43 journal
- Double insulated

X 52E



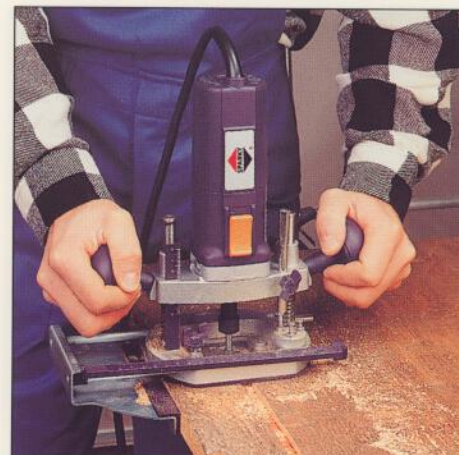
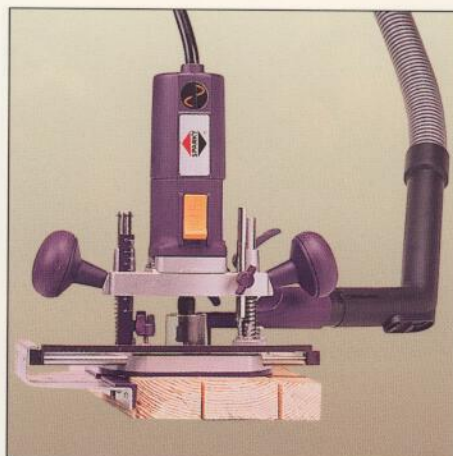
- Electronic preselection of speed
- 3-position revolver gauge for presetting the cutting depth
- Auto-stop brushes
- Possibility for dismantling the motor to be used as a straight grinder
- Double insulated

SPECIFICATIONS

		MK 500	MK 500E	X 52E
Wheel diameter at 45 m/s, max.	mm	25	25	25
Max cutting stroke	mm	-	-	52
No load speed	min ⁻¹	33000	8000-33000	8000-33000
Collet capacity	mm	Ø6 / Ø8	Ø6 / Ø8	Ø6 / Ø8
Journal diameter	mm	43	43	43
Weight	kg	1,2	1,2	2,2
Rated input	W	500	500	500

MODELS INCLUDE: Collets Ø6 and Ø8, nut, 2 wrenches.

MODEL INCLUDES: Collets Ø6 and Ø8, tightening nut, parallel guide, ruler, 2 wrenches, dust extraction adapter.



RANDOM ORBIT SANDERS



AVAILABLE
JULY '97

EX 125



NEW

- Random orbit action plus rotation for fast and smooth finish
- Automatic brake system (ABS) of the disk
- Dust suction through the apertures in the disk
- Dust collector bag
- Adapter Ø30 to vacuum cleaner for dustless operation
- Ergonomic soft-grip top
- Uses quick-change hook-and-loop accessories
- Double insulated

EX 125E



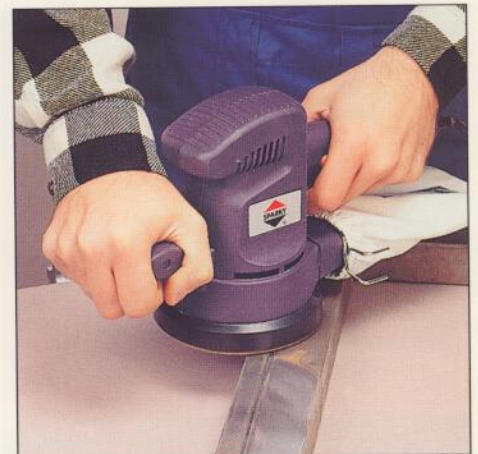
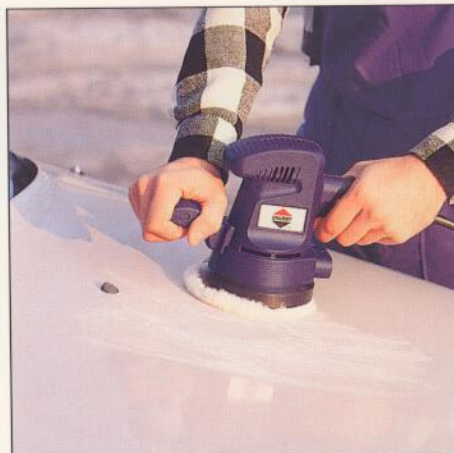
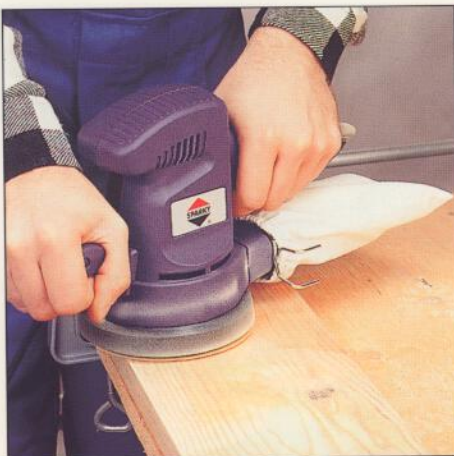
NEW

- Electronic preselection of speed
- Random orbit action plus rotation for fast and smooth finish
- Automatic brake system (ABS) of the disk
- Dust suction through the apertures in the disk
- Dust collector bag
- Adapter Ø30 to vacuum cleaner for dustless operation
- Ergonomic soft-grip top
- Uses quick-change hook-and-loop accessories
- Double insulated

SPECIFICATIONS

		EX 125	EX 125E
Abrasive disk diameter	mm	125	125
No load rpm	min ⁻¹	11000	4000-11000
Eccentricity	mm	2,5	2,5
Weight	kg	1,9	1,9
Rated input	W	300	300

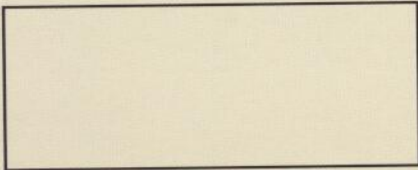
MODELS INCLUDE: Dust collector bag, auxiliary handle, adapter, 3 sanding disks.





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450/500W

SPARKY

- BOHRHAMMER
- ROTAIRY HAMMER
- PERFORATEUR ELECTROPNEUMATIQUE
- ЭЛЕКТРОННИЙ ПЕРФОРАТОР
- MARTILLO PERFORADOR
- BOHRHAMMARE
- BOREHAMMARE
- SAHKÖPNEUMAATTINEN ISKUPORAKONE
- ELEKTRONIKUS FŰVŐKALAPÁCS

POWER TOOLS

CE GS

1800W

SPARKY

POWER TOOLS

- OBERFRÄSE
- ROUTER
- DEFONCEUSE
- ΦΡΕΣΑ
- FRESADORA DE SUPERFICIE
- ÖVERHANDSFRÄS
- ÖVERFRES
- JYRSIN
- FELSŐMÁRÓ

500W

230V 50/60Hz

SPARKY

SCHEIFENSTRICHER
GRINDER
BRANCHEUSE

SPARKY SPARKY

0/15/30/4 20 kg

SPFE 60 300-3200 min⁻¹ 60 mm 6 mm 20 mm

SPARKY

SPARKY flex

