

SPARKY

HD PROFESSIONAL



POWER TOOLS

Catalogue 2016

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.

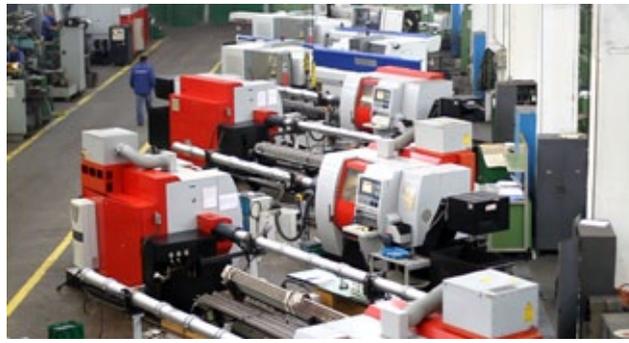
Continued high levels of investment, in research, development and modernisation of manufacturing plant and all its processes have allowed SPARKY to concentrate on the quality of products that are designed, manufactured and assembled in their own factory.

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,



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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.

All SPARKY Power Tools strictly achieve EC-regulation for limitation of hazardous substances in Power Tools. SPARKY is registered member of EAR for recycling of old and used Power Tools.

- directive **RoHSII 2011/65/EU**
- directive **WEEE 2012/19/EU**

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

CERTIFICATES

All SPARKY Power Tools have been evaluated for conformity according to: EU Directives 2006/42/EC, 2014/30/EU, 2014/35/EU by leading certification Authorities or have been tested by accredited technical laboratories for conformance with the regulations of EN 60745, EN 60335, 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.

SAFETY

SPARKY Power Tools comply with the safety requirements as provided in Directives 2006/42/EC, 2014/35/EU and their harmonized safety standards EN 60745, EN 60335.

RADIO INTERFERENCE

SPARKY Power Tools are radio suppressed under directive 2014/30/EU 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.

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.

WEIGHT

All weights according to EPTA-Procedure 01/2014.

- 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

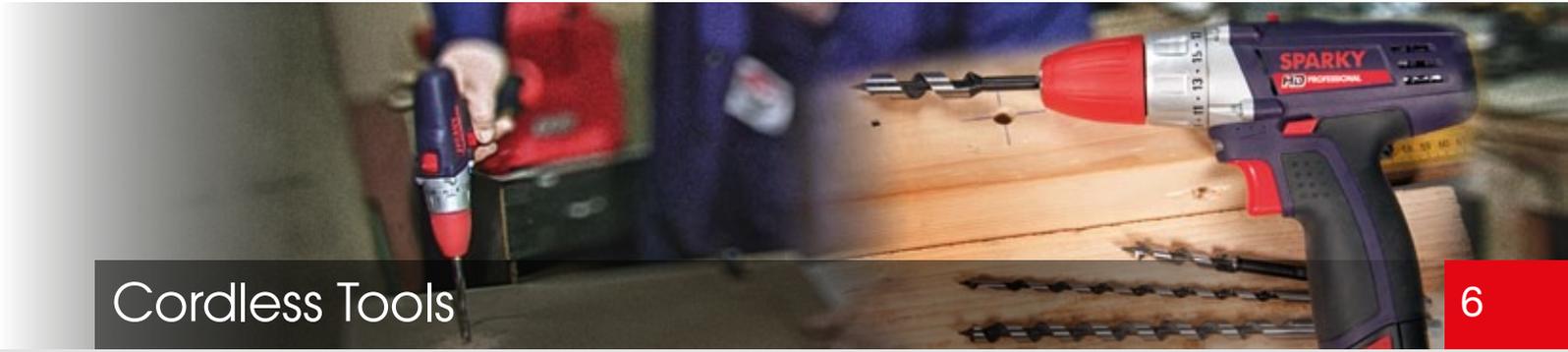
DISCLAIMER

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		Auto-stop brushes		Metal
	Class I electrical appliance with protection against electric shock – connected to earth		Anti-vibration system		Steel
	Electronic speed pre-selection		Laser line generator		Aluminium
	Constant electronics plus electronic speed pre-selection		PRCD – Portable residual current circuit breaker with no-volt release		Non-ferrous metals
	Constant electronics plus variable speed control switch		Mains cable length		Inox
	Electronic speed pre-selection, constant electronics, torque control		Tool case		Laminate
	Electronics for soft start and restriction of starting current		Drilling/Chiselling in Concrete		Parquet
	Forward / reverse action		Drilling/Chiselling in Masonry		Veneer
	Two-speed gears		Drilling in Metal		Ceramic
	Three-speed gears		Drilling in Wood		Glass
	Thermal overload protection		Impact Drilling		Fibreglass
	Safety upon mains drop-out		Core Cutter		Plexiglass
	Protective clutch		SDS Max Device		PVC
	Spindle lock		SDS+ Device		Epoxy resin
	Pendulum action		Concrete	 	
	Bevel cutting		Masonry		
	Connection to vacuum cleaner		Stone	  	
	Hook & loop fastening		Marble		





Cordless Tools

6

■ Li-Ion Drills & Impact drills	8
■ Li-Ion Rotary hammer	13
■ Li-Ion Angle grinder	14
■ Accessories	15



Drilling, Screwdriving, Chiseling

18

■ Drills & Impact Drills	22	■ Rotary Hammers	
■ 2-speed Impact Drills	26	– with SDS+ Drill Bit Connection	40
■ Core Drills	31	– with SDS Max Drill Bit Connection	44
■ Tapper Machine	33	■ Demolition Hammers	46
■ Drywall Screwdrivers	34	■ Accessories	48
■ Accessories	35		



Grinding & Cutting

52

■ Angle Grinders	56
■ Concrete Grinders / Planers	66
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■ Accessories	71



Polishing, Sanding, Finishing

76

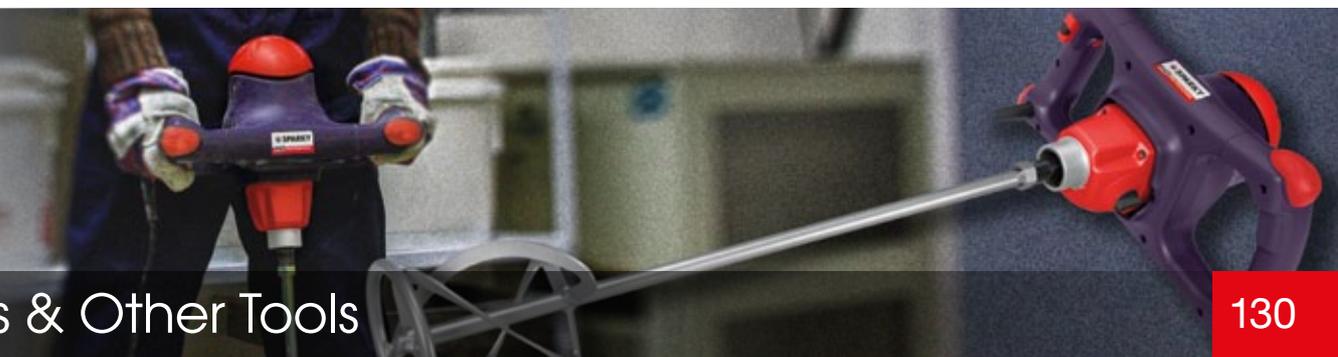
■ Polishers/Sanders	80	■ Grinders	91
■ Long Reach Sanders	86	■ Belt Sanders	94
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■ Sanders	89	■ Accessories	99



Cutting, Routing, Planing, Dust extraction

104

■ Routers	108	■ Planers	119
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Mixers & Other Tools

130

■ Paddle Mixers	132	■ Heat Guns	136
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■ Accessories	135		



Cordless Tools



■ Li-Ion Drills & Imact drills	8
■ Li-Ion Rotary hammer	13
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■ Accessories	15

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HEAVYDUTY



Li-Ion Twin Set HD PROFESSIONAL

BR2 10,8Li HD HD PROFESSIONAL

GUR 10,8Li HD HD PROFESSIONAL

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

- Light and compact construction
- High quality Lithium-battery
- Keyless single sleeve chuck
- Synchronised two-speed gears
- Variable speed and reverse
- 17 torque settings plus drilling
- Electric motor brake
- LED work light
- LED battery indicator
- Ergonomic soft-grip handle

- High performance motor
- High torque
- Quick release hex fitting with lock



Cat. № 14000500552

Comes complete with:

Carry case, 2 batteries, Fast charger



TECHNICAL DATA		BR2 10.8Li HD	GUR 10.8Li HD
Voltage:	V	10.8	10.8
Capacity:	Ah	1.5	1.5
No load rpm:	min ⁻¹	0-400 / 0-1400	0-2200
No load impact rate:	min ⁻¹	-	0-3000
Keyless chuck / tool holder:	mm / inch	10	1/4 Hex
Max. torque:	Nm	32	100
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. №		14000192451	14000192651

COMING
SOON



HEAVYDUTY



BR2 10.8Li-C HD PROFESSIONAL

BUR2 10.8Li-C HD PROFESSIONAL

GUR 10.8Li-C HD PROFESSIONAL

- New compact design for shorter machine length
- Better balance control and comfort in use
- Magnesium alloy gearbox housing
- Robust high performance motor
- Controllable high torque motors
- Variable speed and reverse
- All metal two speed gearbox (BR2, BUR2)
- Electric motor brake
- Overload protection
- Li-Ion Battery with cell protection
- Battery charge level display
- Keyless single sleeve chuck (BR2, BUR2)
- 20 position torque settings plus drilling
- Hammer action (BUR2)
- Quick release hex fitting with lock (GUR 10.8Li-C)
- Impact action (GUR 10.8Li-C)
- LED work light
- Interchangeable battery packs and charger unit

Comes complete with:

Carry case, 2 batteries, Fast charger



SCREWDRIVER BIT SETS



For more information refer to **Page 16** ▶

TECHNICAL DATA		BR2 10.8Li-C HD	BUR2 10.8Li-C HD	GUR 10.8Li-C HD
Voltage:	V	10.8	10.8	10.8
Capacity:	Ah	2.0	2.0	2.0
No load rpm:	min ⁻¹	0-350 / 0-1350	0-350 / 0-1350	0-2200
No load impact rate:	min ⁻¹	-	5250 / 20250	0-3000
Keyless chuck / tool holder:	mm / inch	10	10	1/4 Hex
Max. Torque:	Nm	34	34	110
Torque settings:	pos.	20+1	20+1	
Battery:		Li-Ion	Li-Ion	Li-Ion
Weight (including battery):	kg	0.9	1.0	1.0
Cat. No		12000194653	12000194753	12000194853

SPARKY

PROFESSIONAL



New



HEAVYDUTY



360° Auxiliary handle for added control

All metal two-speed planetary gearbox

Motor brake

Single sleeve keyless chuck 13mm (all metal for BUR2)

Forward Reverse switch

25 torque settings plus drilling Hammer drill function Spindle lock

Ergonomic soft-grip handle

Variable speed trigger switch

LED work light with switch LED battery level indicator

Convenient belt clip (removable)

Intelligent, fan cooled, Universal fast charger



2 or 4 Ah Li-Ion Universal battery pack 18 V

New

18V
HEAVYDUTY



BR2 18Li HD PROFESSIONAL

BUR2 18Li HD PROFESSIONAL

- All metal two-speed planetary gearbox
- 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 gears
- Spindle lock
- Keyless single sleeve chuck
- Modern ergonomic design for comfort and balance
- Ergonomic soft-grip handle
- Hammer action (BUR2 18Li HD)
- LED work light
- LED battery level indicator
- Electric motor brake
- Optimized power consumption battery charging
- Intelligent, fan cooled, fast charger
- Interchangeable battery packs and charger unit
- Convenient belt clip

Comes complete with:

BR2 18Li HD: Carry case, 2 batteries, Fast charger

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



For more information refer to **Page 15** ▶

TECHNICAL DATA		BR2 18Li HD	BUR2 18Li HD
Voltage:	V	18	18
Capacity:	Ah	2 / 4	2 / 4
No load rpm:	min ⁻¹	0-450 / 0-1450	0-400 / 0-1800
No load impact rate:	min ⁻¹	-	0-7200 / 0-32400
Keyless chuck:	mm	10	13
Max. Torque:	Nm	49	75
Torque settings:	pos.	25+1	25+1
Battery:		Li-Ion	Li-Ion
Weight (including battery):	kg	1.5 (2Ah) / 1.7 (4Ah)	2.0
Cat. №		12000194253 (2Ah)	12020193891 (2Ah)
		12000194287 (4Ah)	12000193887 (4Ah)

SCREWDRIVER BIT SETS



For more information refer to **Page 17** ▶

New

- 3-Speed / Torque control

18V
HEAVYDUTY



GUR 18Li • GUR 18SLi HD PROFESSIONAL



- High torque for efficient insertion of screws and bolts
- Quick release hex fitting with lock (GUR 18Li HD)
- 1/2" Square drive for sockets etc. (GUR 18SLi HD)
- Variable speed trigger switch
- 3 position speed/torque pre-selection with variable speed in each range
- Full metal gearbox
- Modern ergonomic design for added comfort and control
- Ergonomic soft-grip handle
- Electric motor brake
- LED battery level indicator
- LED speed/torque setting indicator
- Intelligent, fan cooled, fast charger
- Interchangeable battery packs and charger unit

Battery level & Torque setting LED indicator

Battery level button



3-Speed / Torque setting button

Comes complete with:

Carry case, 2 batteries, Fast charger

SCREWDRIVER BIT SETS



For more information refer to **Page 17** ▶

TECHNICAL DATA		GUR 18Li HD	GUR 18SLi HD
Voltage:	V	18	18
Capacity:	Ah	4	4
Battery:		Li-Ion	Li-Ion
No load rpm:	min ⁻¹	0-1000 / 0-1800 / 0-2800	0-1000 / 0-1800 / 0-2800
No load impact rate:	min ⁻¹	0-1150 / 0-2400 / 0-4400	0-1150 / 0-2400 / 0-4400
Max. torque:	Nm	170	180
Tool holder:	Inch	1/4 Hex	1/2 Square drive
Weight (including battery):	kg	1.7	1.7
Cat. №		12000194387 (4Ah)	12000194587

COMING SOON



18V
HEAVYDUTY



BPR 18Li HD PROFESSIONAL

- Pneumatic hammer mechanism with optimal impact energy
- Three mode settings: Drilling, Hammer drilling and Chiseling
- SDS+ drill bit connection
- Brushless DC electric motor
- Electric motor brake
- Li-Ion battery with cell protection
- Safety clutch
- Single hand tool fastening sleeve
- Variable speed control switch
- Reverse function
- LED work light with switch
- Battery charge level display
- Ergonomic soft grip rear handle
- Adjustable anti-vibration front handle
- Intelligent, fan cooled, fast charger
- Interchangeable battery packs and charger unit

Comes complete with:

Carry case, Anti-vibration side handle, Depth gauge, 2 batteries, Fast charger

TECHNICAL DATA		BPR 18Li
Voltage:	V	18
Capacity:	Ah	4
Battery:		Li-Ion
Drilling capacity in concrete / steel / wood:	mm	20 / 13 / 26
No load rpm:	min ⁻¹	0–1000
No load impact rate:	min ⁻¹	0–4700
Impact energy (EPTA-Procedure 05/2009):	J	2.3
Drill bit connection:		SDS+
Weight (including battery):	kg	3.1
Cat. №		12000195487

ADVANTAGES OF THE BRUSHLESS DC MOTOR



- High reliability in continuous operation in harsh conditions
- Efficient energy consumption due to less heat
- Does not require maintenance (brushes replacement)
- Longer work on one battery charge

ATTACHMENTS FOR USE WITH SDS+ DEVICES



For more information refer to [Page 48-50](#) ▶

New



18V
HEAVYDUTY



**Anti
Vibration**

**NON-BURST, ANTI-ROTATION
SAFETY GUARD**

M 18Li HD PROFESSIONAL



- Light weight and compact construction
- Slim design and soft grip for comfort and control
- Tool free guard adjustment
- Non-burst, anti-rotation safety guard
- Soft start and restriction of starting current
- Overload safety cut out in the event of the disc being pinched or snagged
- Magnesium alloy gearbox housing
- Dust sealed bearings
- 2-position anti-vibration side handle
- Li-Ion battery with cell protection
- Safety switch with lock on function
- Battery charge level display
- Intelligent, fan cooled, fast charger
- Interchangeable battery packs and charger unit

ABRASIVE DISCS



Comes complete with: Carry case, 125 mm Safety guard for grinding, Anti-vibration handle, Support washer, Lock nut, Lock nut spanner, Fast charger, 2 batteries

TECHNICAL DATA		M 18Li HD
Voltage:	V	18
Capacity:	Ah	4.0
No load rpm:	min ⁻¹	10000
Disc diameter:	mm	115 / 125
Spindle thread:		M14
Battery:		Li-Ion
Weight (including battery):	kg	2.0
Cat. №		12000194990

For more information refer to **Page 72** ▶

LI-ION SCREWDRIVER **GR 3,6Li PROFESSIONAL**



- Light and compact construction – 0.32 kg
- Robust metal gear box
- High quality Lithium-battery 3.6V / 1.3Ah
- No load rpm: 180 min⁻¹
- 1/4 Hex tool holder
- Auto spindle lock
- Variable speed and reverse
- Reverse button spindle lock function for screwing on hand
- LED work light
- Battery charging LED indicator
- Ergonomic soft-grip handle

Comes complete with:

Carry case, Adapter, 10 bits, Charger



Cat. No

13000191357 (EU); 13020191357 (UK)

BATTERY PACKS

Battery	Voltage/ Capacity	Type	Used with	Pcs/Pack	Cat. No
Li-Ion 	① 10.8V, 1.5 Ah	Li-Ion	BR2 10.8Li HD, GUR 10.8Li HD, BR2 10,8Li-C HD, BUR2 10,8Li-C HD, GUR 10,8Li-C HD	1	20008711900
	② 10.8V, 2.0 Ah	Li-Ion	BR2 10.8Li HD, GUR 10.8Li HD, BR2 10,8Li-C HD, BUR2 10,8Li-C HD, GUR 10,8Li-C HD	1	20008689000
	⑤ 18V, 2.0 Ah	Li-Ion	BR2 18Li, BPR 18Li, M 18Li HD	1	20008712300
	⑥ 18V, 4.0 Ah	Li-Ion	BR2 18Li, BUR2 18Li, GUR 18Li	1	20008712400

CHARGERS

Charger	Output voltage/current	Used with	Pcs/Pack	Cat. No
	① 12V / 3A	BR2 10,8Li HD, GUR 10,8Li HD, BR2 10,8Li-C HD, BUR2 10,8Li-C HD, GUR 10,8Li-C HD	1	20008689200
	② 14.4V–18V / 3A	BR2 15Li HD, BR2 18Li HD, BUR2 15Li HD, BUR2 18Li HD, GUR 15Li HD, GUR 18Li HD, BPR 18Li, M 18Li HD	1	20008712500
	③ 5V / 0.3A	GR 3,6Li	1	20009704600



SCREWDRIVER BITS – Chrome Vanadium (CR-V)

SCREWDRIVER BITS

Double Ended Bits		Type / Length, mm	Cat. № (2 pcs)	Cat. № (10 pcs)
		PZ 1 / 50	20009724501	20009724509
		PZ 2 / 50	20009724601	20009724609
		PZ 3 / 50	20009724701	20009724709
		PH 1 / 50	20009724801	20009724809
		PH 2 / 50	20009724901	20009724909
		PH 3 / 50	20009725001	20009725009
		SZ 0.6x4.5 / 50	20009726501	20009726509
		SZ 0.8x5.5 / 50	20009726601	20009726609
		SZ 1.2x6.5 / 50	20009726701	20009726709
		TX 10 / 50	20009725101	20009725109
		TX 15 / 50	20009725201	20009725209
		TX 20 / 50	20009725301	20009725309
		TX 25 / 50	20009725401	20009725409
		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)
	PZ 1 / 25	20009720009	20009720012
	PZ 2 / 25	20009720109	20009720112
	PZ 3 / 25	20009720209	20009720212
	PH 1 / 25	20009720309	20009720312
	PH 2 / 25	20009720409	20009720412
	PH 3 / 25	20009720509	20009720512
	SZ 0.6x4.5 / 25	20009720609	20009720612
	SZ 0.8x5.5 / 25	20009720709	20009720712
	SZ 1.2x6.5 / 25	20009720809	20009720812
	TX 10 / 25	20009720909	20009720912
	TX 15 / 25	20009721009	20009721012
	TX 20 / 25	20009721109	20009721112
	TX 25 / 25	20009721209	20009721212
	HEX 3 / 25	20009721309	20009721312
	HEX 4 / 25	20009721409	20009721412
	HEX 5 / 25	20009721509	20009721512
	HEX 6 / 25	20009721609	20009721612
	HEX 3 / 25	20009721709	20009721712
	HEX 4 / 25	20009721809	20009721812
	HEX 5 / 25	20009721909	20009721912
	HEX 6 / 25	20009722009	20009722012

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



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

SCREWDRIVER BITS – Cr-V



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

SCREWDRIVER BIT SETS



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



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



Drilling, Screwdriving, Chiseling



■ Drills & Impact Drills	22
■ 2-speed Impact Drills	26
■ Core Drills	31
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■ Rotary Hammers with SDS Max Drill Bit Connection	44
■ Demolition Hammers	46
■ Accessories	48

www.sparky.eu



Drilling & Chiseling

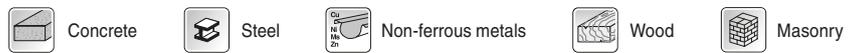
The Power in your hands



Model	Page	Power input: W	Drilling capacity in:				Core bits up to: mm	No load rpm: min ⁻¹	Chuck capacity: mm				
			mm										
Drills													
BR 60E	22	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	○		○	
BR 102E		450	6	6	12			0-3000	0.8-10	○		○	
Impact Drills													
BUR 131E	24	600	13	13	16	20		0-2800	1.5-13	○		○	
BUR 150E	25	600	15	13	16	25		0-2800	1.5-13	○		○	
BUR 150CET	25	600	15	13	16	25		500-2500	1.5-13		○	○	
2-speed Impact Drills													
BU2 160	27	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 250E	28	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	29	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	30	1010	16 / 10	16 / 10	20 / 13	45 / 20		250-800 / 625-2000	3-16		○	○	○
BUR2 355CE		1260	16 / 10	16 / 10	20 / 13	45 / 20	152	0-800 / 0-2000	3-16	○		○	
Core Drills													
BBK 1100E	31	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	32	1500	20	-	-	-	200	950 / 2100					
BBK3 1500		1500	10	-	-	-	200	950/2100/4200					
Tapper Machine													
			Journal diameter, mm										
R 10E	33	450	43					0-520R (1040L)	M4 - M10	○		○	
Drywall Screwdrivers													
			Tool holder, mm		Max. torque, Nm								
BVR 54E	34	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	35												



Model	Page	Power input: W	Drilling capacity in:			Core bits up to: mm	No load impact rate: min ⁻¹	Impact energy: J			
Rotary Hammers with SDS+ Drill Bit Connection											
BPR 240PE	40	720	24	13	30	68	0-4800	2.8	<input type="radio"/>		
BPR 280PQCE		1010	28	13	30	68	0-4700	3.4		<input type="radio"/>	
BPR 220E	41	650	22	13	30	68	0-5550	2.3	<input type="radio"/>		
BPR 240E		720	24	13	30	68	0-5200	2.8	<input type="radio"/>		
BPR 240CE		750	24	13	30	68	0-4100	3.0		<input type="radio"/>	
BPR 260E		800	26	13	30	68	0-5200	3.0	<input type="radio"/>		
BPR 260CE		900	26	13	30	68	0-4100	3.2		<input type="radio"/>	
BPR 280CE		1010	28	13	30	68	0-4700	3.4		<input type="radio"/>	
BP 330CE	43	900	30	13	30	80	1640-2970	4.2		<input type="radio"/>	<input type="radio"/>
Rotary Hammers with SDS Max Drill Bit Connection											
BP 540CE	44	1010	40			90	1900-3050	7.6		<input type="radio"/>	<input type="radio"/>
BP 860CE	45	1400	52			140	1170-2435	10		<input type="radio"/>	<input type="radio"/>
Demolition Hammers			Tool holder:								
K 306E	46	650	SDS+ drill bit connection				0-3200	4.2	<input type="radio"/>		
K 615CE	47	1300	SDS Max drill bit connection				1900-3000	9	<input type="radio"/>	<input type="radio"/>	
K 920CE	47	1400	SDS Max drill bit connection				1000-2350	13.5		<input type="radio"/>	
Accessories	48										



Compact for working in confined spaces



BR 60E • BR 65E • BR 100E • BR 101E

BR 102E HD PROFESSIONAL

- Electronic speed pre-selection
- Variable speed control switch
- Reverse
- Lock-on button
- Keyed chuck (BR 65E)
- Metal gearbox (BR 101E)
- Belt clip
- Compact design
- For working in confined spaces
- Ergonomic soft-grip handle (BR 101E)
- Double insulation

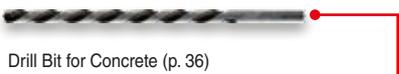
- Electronic speed pre-selection
- Variable speed control switch
- Reverse
- Lock-on button
- Compact design
- For working in confined spaces
- Belt clip
- Ergonomic soft-grip handle
- Auto-stop brushes
- Carry case (optional)
- Double insulation



Comes complete with:

Keyless chuck (BR 60E, BR 100E, BR 101E, BR 102E); Keyed chuck (BR 65E)

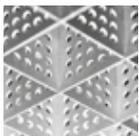
TECHNICAL DATA		BR 60E	BR 65E	BR 100E	BR 101E	BR 102E
Drilling capacity in:						
- steel	mm	6	6.5	10	10	6
- non-ferrous metals	mm	6	6.5	10	10	6
- wood	mm	13	13	20	20	12
No load rpm:	min ⁻¹	0-4500	0-4500	0-3000	0-3000	0-3000
Spindle thread:	UNF	3/8"-24	3/8"-24	3/8"-24	3/8"-24	1/2"-20
Chuck capacity:	mm	0.6-6	0.6-6.5	0.8-10	0.8-10	0.8-10
Journal diameter:	mm	38	38	-	-	-
Weight:	kg	1.1	1.1	1.2	1.5	1.3
Power input:	W	300	300	350	500	450
Cat. №		13000011810	13000011913	13000011310	13000011510	12000012010
OPTIONS:	Cat №					
- Carry case		-	-	-	-	12000012060



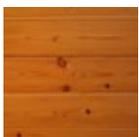
Drill Bit for Concrete (p. 36)



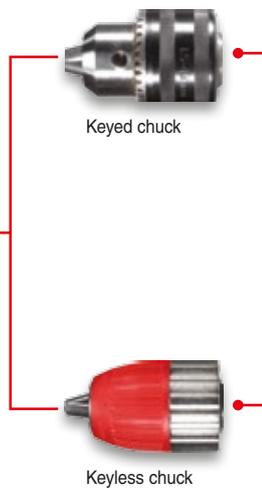
Drill Bit for Masonry (p. 36)



Drill Bit for Metal (p. 37)



Drill Bit for Wood (p. 38)

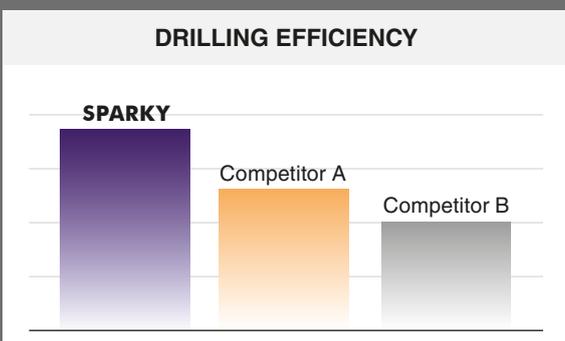


Keyed chuck

Keyless chuck



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.



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 35** ▶

KEYLESS CHUCKS WITH DRILL NIBBLER



For more information refer to **Page 36** ▶

- Electronic speed pre-selection
- Variable speed control switch
- Reverse
- Lock-on button
- 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



HEAVYDUTY



Electronic speed pre-selection



Torque control
Live tool indicator

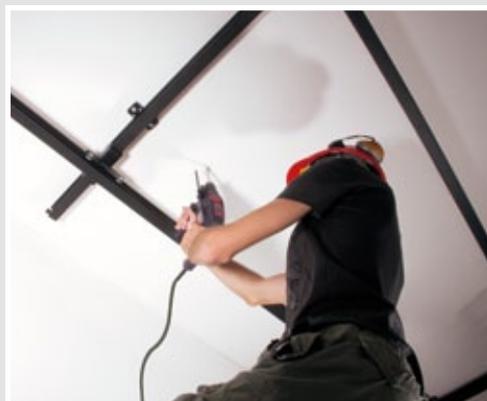


BUR 150E

BUR 150CET HD PROFESSIONAL

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

- Constant electronics
- Torque control



Comes complete with:

Keyed chuck, Auxiliary handle, Depth gauge

Options (cat. № 10000011601):

Keyless chuck, Auxiliary handle, Depth gauge

Comes complete with:

Keyed chuck, Auxiliary handle, Depth gauge

Options (cat. № 12000011701):

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

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

Electronic speed pre-selection

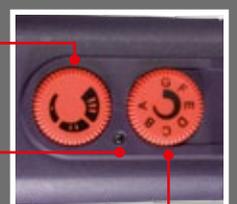


Index CET

Torque control

Live tool indicator

Electronic speed pre-selection



HEAVYDUTY



BU2 160 HD PROFESSIONAL

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

Comes complete with:

Keyed chuck, Auxiliary handle, Depth gauge

Options:

1. 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. № 10121022663 (110V UK) ; 10120022663 (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)

HEAVYDUTY



BUR2 250E HD PROFESSIONAL

BUR2 250CET HD PROFESSIONAL

ANTI-VIBRATION HANDLE

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



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

- 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:

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)

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 / 13	20 / 13
- 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)

For more information refer to **Page 35** ▶

HEAVYDUTY



BUR2 350 HD PROFESSIONAL

BUR2 350E HD PROFESSIONAL

- Electronic speed pre-selection (Index E)
- Variable speed control switch
- Synchronised metal 2-speed gears
- Lock-on button
- Reverse (Index E)
- High torque
- Mechanical safety clutch
- On/Off impact mode switch
- Magnesium alloy gearbox
- 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

Options:

Carry case (**BUR2 350E**)

cat. № **12121030659** (110V UK); **12020030659** (230V UK)



TECHNICAL DATA		BUR2 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)

HEAVYDUTY



BUR2 350CET HD PROFESSIONAL

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

BUR2 355CE HD PROFESSIONAL

- Additional electronic clutch from the over-current protection system (Index CE)
- Magnesium alloy gearbox housing
- 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 (**BUR2 350CET**)

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

TECHNICAL DATA		BUR2 350CET	BUR2 355CE
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	250–800 / 625–2000	0–800 / 0–2000
No load impact rate:	min ⁻¹	36000	14400 / 36000
Torque control:	Nm	2.5–25 / 1–10	—
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	Ø8, L=100
Weight:	kg	3.5	4.1
Power input:		1010 (230V~50Hz)	1260 (230V~50Hz)
Cat. №		12000030502 (230V EU)	12000030862 (230V EU) 12121030862 (110V UK) 12120030862 (230V UK)

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



HEAVYDUTY



BBK 1100E HD PROFESSIONAL

BBK 1300CE HD PROFESSIONAL

DIAMOND CORE DRILL SET

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

- 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

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 masonry.

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.



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) 10121030752 (110V UK) 10120030752 (230V UK)	12000031162 (230V EU) 12020031162 (230V UK)



For more information refer to **Page 39** ▶

* UK Version

New

**Anti
Vibration**

HEAVYDUTY



Dual left/right connection of water/air feed pipe

BBK2 1500 HD PROFESSIONAL

BBK3 1500 HD PROFESSIONAL

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



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

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)

- 2-Speed gearbox (BBK2 1500)
- 3-Speed gearbox (BBK3 1500)
- Metal housing construction
- Lock-on button
- 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



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 1/2" / UNC 1 1/4"	G 1/2" / UNC 1 1/4"
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)

New



HEAVYDUTY



R 10E HD PROFESSIONAL

- High torque motor
- Automatic reverse function by pulling back the machine body
- Magnesium alloy gearbox housing
- Collar for use with drill stands

- Ergonomic soft-grip handle
- Belt clip
- Auto-stop brushes
- Double insulation



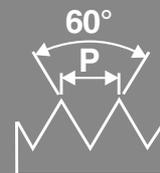
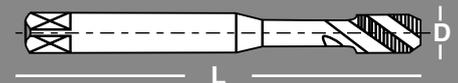
Mechanical mechanism for reversing the machine after threading



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

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.



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

For more information refer to **Page 36** ▶

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)
- Variable speed control switch
- Lock-on button
- Reverse
- Aluminium adjustable depth stop (BVR 62E, BVR 64E, BVR 66E)
- Universal magnetic tool holder
- Removable depth stop
- Magnesium alloy gearbox housing
- 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)	12000205400	10000201000 (230V EU) 10121201000 (110V UK)	10000201100 (230V EU) 10111201100 (110V 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
	④ Keyed chuck	1.0–10 mm	1	20008480800
	⑤ Keyed chuck	1.0–13 mm	1	20008480100
	⑥ Keyed chuck	3.0–16 mm	1	20008480200
	⑦ Single sleeve keyless chuck – plastic	1.0–10 mm	1	20008481000
	⑧ Double sleeve keyless chuck – plastic	1.0–10 mm	1	20008481100
	⑨ Single sleeve keyless chuck – plastic	1.0–13 mm	1	20008481200
	⑩ Double sleeve keyless chuck – plastic	1.0–13 mm	1	20008481300
	⑪ Single sleeve keyless chuck – metal	1.0–13 mm	1	20008481400
	⑫ Double sleeve keyless chuck – metal	1.0–13 mm	1	20008481500

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

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

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.

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	20009441614





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

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 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

COMING SOON



HEAVYDUTY



BPR 240PE	●	○	●	●	●	●	●	●
BPR 280PQCE	●	●	○	●	●	●	●	●

Anti Vibration

BPR 240PE HD PROFESSIONAL

BPR 280PQCE HD PROFESSIONAL

- Three mode settings: Drilling, Hammer Drilling and Chiselling
- Pneumatic high-performance hammer mechanism
- Safety clutch
- Variable speed control switch
- Reverse function by rotating brush holder unit
- Lock-on button
- Ergonomic soft grip handle
- Anti-vibration auxiliary handle
- Double insulation

- Constant electronics with soft start
- **Interchangeable SDS-plus tool holder and keyless metal chuck**



Comes complete with: Carry case, Quick change chucks (BPR 280PQCE), Anti-vibration auxiliary handle, Depth gauge

TECHNICAL DATA	BPR 240PE	BPR 280PQCE
Drilling capacity in: - concrete / steel / wood: mm	24 / 13 / 30	28 / 13 / 30
- core bits in masonry up to: mm	68	68
No load rpm: min ⁻¹	0-1050	0-1000
Rated rpm: min ⁻¹	0-840	0-920
No load impact rate: min ⁻¹	0-4800	0-4700
Rated impact rate: min ⁻¹	0-3900	0-4280
Impact energy (EPTA-Procedure 05/2009): J	2.8	3.4
Drill bit connection:	SDS+	SDS+
Interchangeable tool holder: mm	No	Yes
Weight: kg	2.8	2.9
Power input: W	720 (230V-50Hz)	1010 (230V-50Hz)
Cat. No	12000041868	12000414664



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

Rotating brush holder
High-power achieved by a low weight motor with equivalent power in reverse. Auto-stop brushes.



Magnesium alloy gear box

Metal depth gauge

Drill bit with SDS+ connection

Protective cap

Locking sleeve



Anti-vibration auxiliary handle

Variable speed control switch

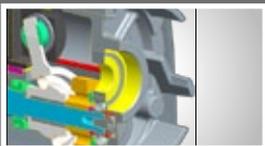
Three mode settings: Drilling, Hammer drilling and chiselling. Two mode for BPR 220E - Drilling, Hammer drilling

Ergonomic soft grip handle

Lock-on button

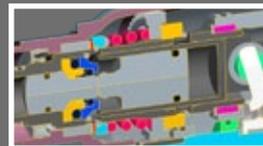
4m rubber cable

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
Drill bit connection:		SDS+	SDS+	SDS+	SDS+	SDS+	SDS+
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) 12121041164 (110V UK) 12120041164 (230V UK)	12000041364	12000041464

ROTARY HAMMERS ▶

Pneumatic hammer mechanism

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

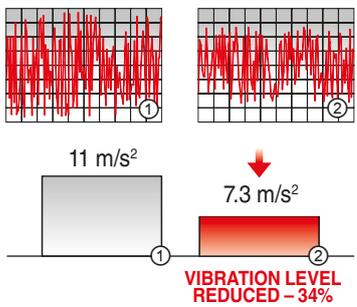
Two mode settings: Hammer drilling and chiseling.
A third mode setting – Drilling can be achieved by using a chuck with SDS+ adapter (Cat. № 20009480700)

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.

Variable speed control switch with 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 tachometer-controlled constant electronics maintaining constant RPM regardless of the load

LED indicators:

- Overload indicator
- 8 hour brush wear out indicator
- Speed regulator position A – G



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
- Anti-vibration system on rear and side handle
- Safety clutch
- Magnesium alloy gearbox housing
- 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 48-50** ▶



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	380-750
No load impact rate:	min ⁻¹	1640-3230
Impact energy (EPTA-Procedure 05/2009):	J	4.2
Drill bit connection:		SDS+
Weight:	kg	3.9
Power input:	W	900 (110V~50Hz); 900 (230V~50Hz)
Cat. No		12000050350 (230V EU); 12021050350 (110V UK); 12020050350 (230V UK)

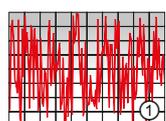


**Anti
Vibration**



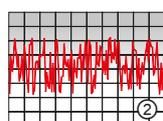
Average value using tri-axe measurement with Standard side handle
 ① and new SPARKY Anti-vibration side handle ② with BP 540CE ▶

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
- Pneumatic high-performance hammer mechanism
- Electronic speed pre-selection
- Constant electronics with soft start
- Anti-vibration system on rear and side handle
- Safety clutch

- Magnesium alloy gearbox housing
- 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 49-51](#) ▶



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	200-350
No load impact rate:	min ⁻¹	1900-3300
Impact energy (EPTA-Procedure 05/2009):	J	8.7
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)



New

Anti Vibration



BP 860CE HD PROFESSIONAL

- Rotary hammer class "8 kg" with SDS Max
- Two mode settings: Hammer drilling and Chiselling
- Pneumatic high-performance hammer mechanism
- Electronic speed pre-selection
- Constant electronics with soft start
- 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 50** ▶



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	120–280
No load impact rate:	min ⁻¹	1170–2800
Impact energy (EPTA-Procedure 05/2009):	J	12
Drill bit connection:		SDS Max
Weight:	kg	8
Power input:	W	1400 (230V-50Hz)
Cat. No		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



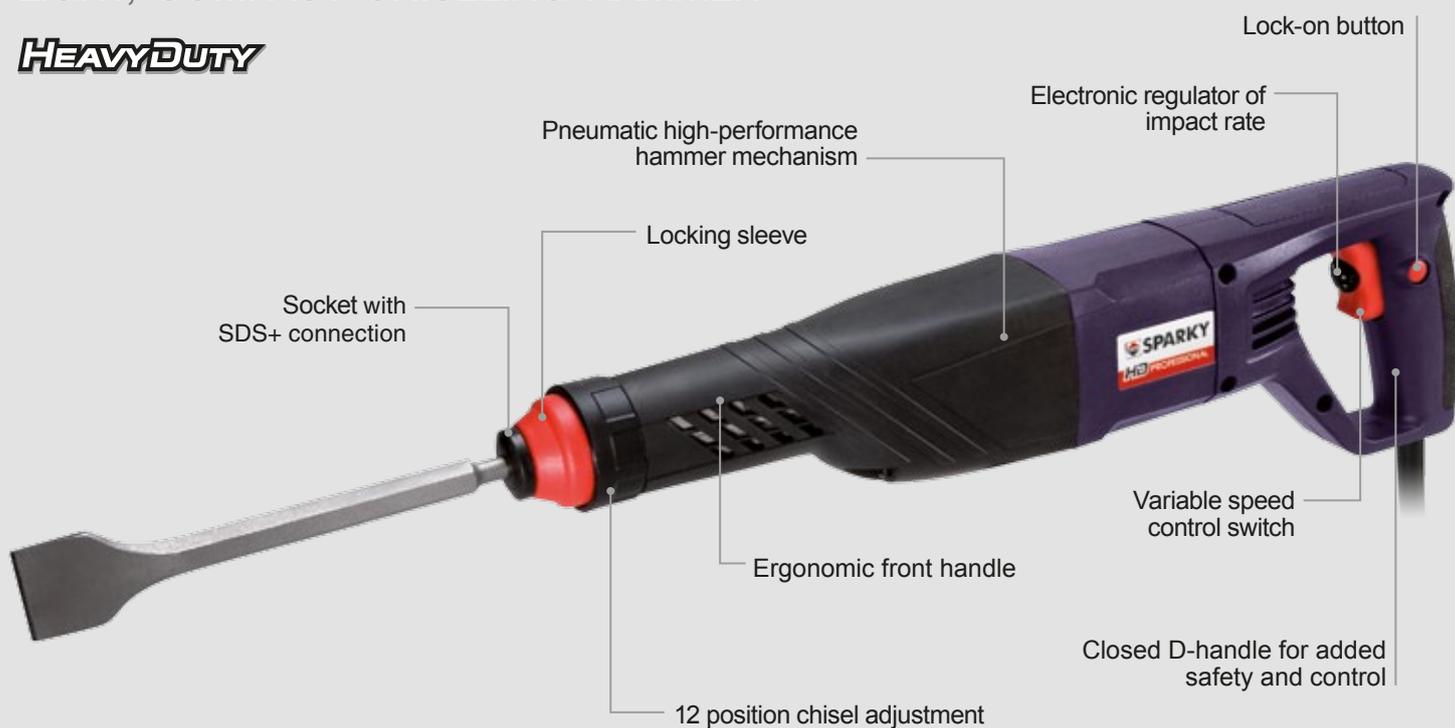
For more information refer to **Page 51** ▶



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)



HEAVYDUTY



**Anti
Vibration**

K 615CE HD PROFESSIONAL

K 920CE 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
- Variable speed control switch
- Lock-on button
- Pneumatic high-performance hammer mechanism
- 12 position chisel adjustment
- Lock-on button
- D-side handle for added safety and control
- Anti-vibration system
- Magnesium alloy gearbox housing
- Live tool indicator
- LED overload indicator and 8 Hour brush wear out indicator
- Auto-stop brushes
- Double insulation



Comes complete with:

Carry case, D-side handle, Flat chisel, Point chisel, Grease tube, Cloth

For more information about chisels refer to [Page 51](#) ▶

TECHNICAL DATA		K 615CE	K 920CE
No load impact rate (ipm):	min ⁻¹	1900–3000	1000–2350
Impact energy (EPTA-Procedure 05/2009):	J	9	13.5
Tool holder:		SDS Max	SDS Max
Weight:	kg	6.6	8.1
Power input:	W	1300 (110V~50Hz); (230V~50Hz)	1400 (230V~50Hz)
Cat. No		12000060752 (230V EU); 12021060752 (110V UK)	12000060952



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

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. №
4 x 110	1	20008006600
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
12 x 210	1	20008001500
8 x 260	1	20008001700
10 x 260	1	20008001800

DRILL BITS 3S



- 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 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



- Two tungsten carbide cutting edges 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



- 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. №
16 x 340	1	20008103500
16 x 540	1	20008103600
18 x 340	1	20008104600
18 x 540	1	20008103700
20 x 520	1	20008103800
22 x 520	1	20008103900
24 x 520	1	20008104000
25 x 520	1	20008104700
28 x 520	1	20008104100
30 x 720	1	20008104200
20 x 920	1	20008104300
25 x 920	1	20008104400
35 x 720	1	20008104500

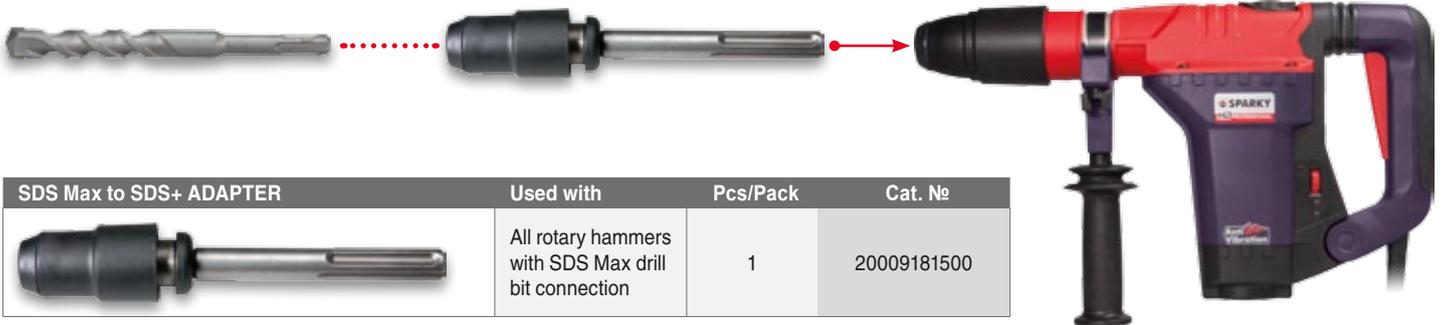


KEYED CHUCK WITH ADAPTER FOR SDS+ DEVICES



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



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



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
③ Spade Chisel	50 x 400	1	20008181000
④ Grooving Chisel	32 x 300	1	20008180700

TCT CORE DRILL BITS FOR SDS+ DEVICES



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

Can be used with SDS Max machines with available adapter see [Page 49](#)

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



Grinding & Cutting



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www.sparky.eu





Grinding & Cutting

The Power in your hands

Abrasive Discs



A30 R BF
A30 S BF



A60 S BF41
A36 S BF41



A24 R BF



C30 S BF



C24 R BF

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SMALL ANGLE GRINDERS
750 ÷ 1400W
125 mm

cutting



cutting



grinding



cutting



grinding



page 60

MEDIUM ANGLE GRINDERS
1010 ÷ 1600W
125 / 150 mm

cutting



cutting



grinding



cutting



grinding



page 62

LARGE ANGLE GRINDERS
2000 ÷ 2600W
180 / 230 mm

cutting



cutting



grinding



cutting



grinding



page 66

CONCRETE GRINDERS / PLANERS
1400 ÷ 2600W
127 / 152.4 / 177.8 mm



page 69

WALL CHASERS
1010 ÷ 2600W
125 / 230 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 housing 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.

Carbide		Abrasive Flap Discs		Diamond Cup Wheels			Diamond Blades				
Flat / Round	Aluminium Oxide	Zirconium Oxide	Double row	Swirl Cup Wheel	Cup Wheel Heavy Duty	General Purpose	Wave Segments	Hot-Pressed	Laser Welded	Turbo segments	
page 74	page 73		page 74			page 71					

Compact body, powerful motor

HEAVYDUTY

New



M 750 HD Compact HD PROFESSIONAL

M 750E HD Compact HD PROFESSIONAL

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

- 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

Improved ventilation with additional diffuser reduces working temperature by up to 30%



Spindle lock button

New design of gearbox housing made from light and strong magnesium alloy

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



Coated rotor and stator for added dust protection for reliable operation in heavy dust environments

New

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



New

- Improved insulation for added dust resistance and safety
- New brush holders to avoid brush blockage
- Auto-stop brushes for added motor protection



Improved spindle construction to avoid debris ingress

Non-burst, anti-rotation safety guard

Anti Vibration

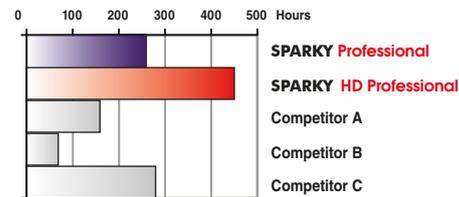
2-position Anti-vibration side handle



**NON-BURST, ANTI-ROTATION
SAFETY GUARD**



HD PROFESSIONAL



Operation reliability
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.

HEAVYDUTY

HD PROFESSIONAL

- Dust protection for an extended tool life
- High performance motor
- Improved motor cooling for added tool protection
- Magnesium alloy gearbox housing
- 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)
- Vibration insulated rear handle – extending user safe working time (CES Plus A)
- Anti-vibration side handle
- High torque
- Safety switch with lock on function
- Safety restart cut-out (Index E Plus, CES, CES Plus)
- 4m rubber cable
- Auto-stop brushes



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	●	●	○	○	○	○	○	○	○
M 1400CES Plus A HD	●	●	○	○	○	○	○	○	○
SM 1470CES Plus HD	●	●	○	○	○	○	○	○	○

Comes complete with:

125 mm Safety guard for grinding, Side handle, Support washer, Lock nut, Lock nut spanner

Option:

Carry Case



▶ **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 №				
- Anti-vibration side handle		12000070312	12000070412	12000070512	12000070612



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



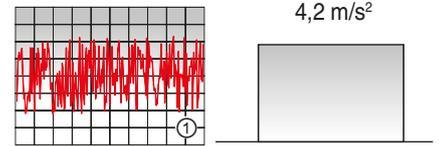
HEAVYDUTY

M 1400CES Plus A HD

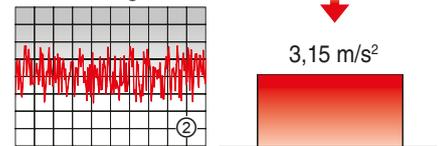


Average value using tri-axle measurement with Standard side handle ① and new SPARKY Anti-vibration side handle ② with Angle Grinder M 1400CES Plus A HD ▶

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* / M 1400CES Plus A 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 / 12000072312	12000221910
OPTIONS:	Cat №	Cat №	Cat №	Cat №
- Carry case	12000072967	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 distortion 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 72-75** ▶

MEDIUM ANGLE GRINDERS - TECHNOLOGY HIGHLIGHTS

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

Coated rotor and stator for added dust protection for reliable operation in heavy dust environments

New protective grill prevents coarse dust entering the motor increasing the life of the tool

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

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

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

Auto-stop brushes for added motor protection

New brush holders to avoid brush blockage

Improved spindle construction to avoid debris ingress

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

3-position side handle

Indexes:

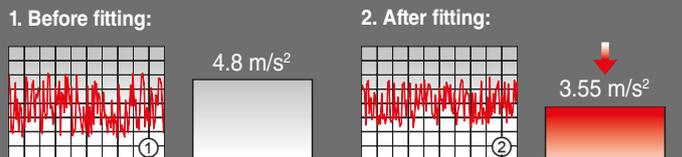
- **B** - Soft start with restriction of starting current
- **C** - Constant electronics plus variable speed control switch
- **P** - Safety switch incorporating autostart protection after mains drop out
- **PA** - Anti-vibration back handle



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



VIBRATION LEVEL REDUCED – 26%



HEAVYDUTY



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)



HD PROFESSIONAL

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



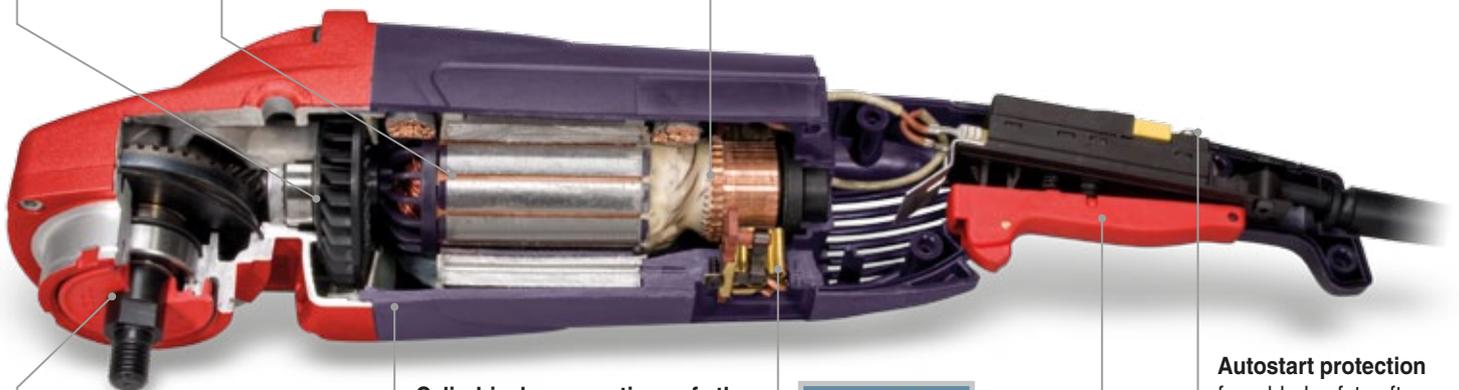
Coated rotor and stator for added dust protection for reliable operation in heavy dust environments



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



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



Improved spindle construction to avoid debris ingress

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



Auto-stop brushes for added motor protection

New brush holders to avoid brush blockage

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



HEAVYDUTY



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
- Coated rotor and stator for added 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 housing
- Non-burst, anti-rotation safety guard
- Safety switch to prevent accidental switching on. Lock-on function (Index P)
- Spindle lock button for disc replacement
- Auto-stop brushes



Option: Carry case

Comes complete with:

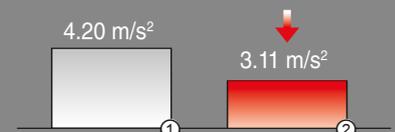
230 mm safety guard for grinding, Side handle, Support washer, Lock nut, Lock nut spanner

▶ **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-axis 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 75** ▶

**NON-BURST, ANTI-ROTATION
SAFETY GUARD**



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	●	●	●	●	●	●	○

HEAVYDUTY

**Anti
Vibration**

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	5.7
Voltage: V	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz	110V~50Hz	230V~50Hz
Power input: W	2200	2200	2200	2200	2000	2200
Cat. №	12000093311	12000093711	12000095411	12000093512	12000093812 (230V EU) 12021093812 (110V UK) 12020093812 (230V UK)	
OPTIONS:	Cat. №	Cat. №				
- Carry case	-	-	12000095466	-	12000093867 (230V EU)	12000095512

▶ **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. №					
- 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



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 75](#) ▶

HEAVYDUTY



New



FB 514 HD PROFESSIONAL

FB 514P 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 housing
- Adjustable closed front handle
- Spindle lock button for disc replacement
- Auto-stop brushes

- 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

Metal cup wheel with diamond grain abrasive segments

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 brush seal, Closed front handle with 2 bolts and washers, Support washer, Lock nut, Lock nut spanner

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 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

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

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
- Coated rotor and stator for added dust protection
- Magnesium alloy gearbox housing
- 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. No		12000131055

Metal cup wheel with diamond grain abrasive segments



STIRRUP HANDLE



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
- Coated rotor and stator for added 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 housing
- Spindle lock button for disc replacement
- Auto-stop brushes



Metal cup wheel with diamond grain abrasive segments

Refer to **Page 74** ▶



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

Refer to **Page 126** ▶



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. No		12000130654	12000130754	12000130854

HEAVYDUTY



Adjustable depth of cut



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 housing
- Safety switch with lock-on function
- Spindle lock button for 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. No: **12000121353** (230V EU)

FK 3014 Cat. No: **12000121153** (230V EU);

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. No		12000121303 (230V EU)	12000121103 (230V EU); 12021121103 (110V UK); 12020121103 (230V UK)

HEAVYDUTY



FK 6522 HD PROFESSIONAL

FK 6524 HD PROFESSIONAL

FK 6526 HD PROFESSIONAL

DIAMOND DISCS

SUPERIOR LIFE

FAST CUTTING

REDUCTION IN DOWN TIME

BETTER HANDLING

REDUCED VIBRATION

INCREASED SAFETY



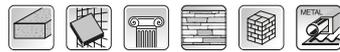
- Suitable for efficient cutting of deep and wide channels in concrete walls and floors
- High performance, high efficiency motor
- Coated rotor and stator for added dust protection
- Protection basket for rotor winding against sharp dust
- Dust sealed spindle and bearings
- Efficient dust extraction 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 housing
- Ergonomic soft-grip rear handle
- Anti-vibration side handle
- Auto-stop brushes

For more information refer to **Page 71** ▶

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

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)	12000120604	12000120704
		10121120504 (110V UK)		
		10120120504 (230V UK)		

DIAMOND BLADES

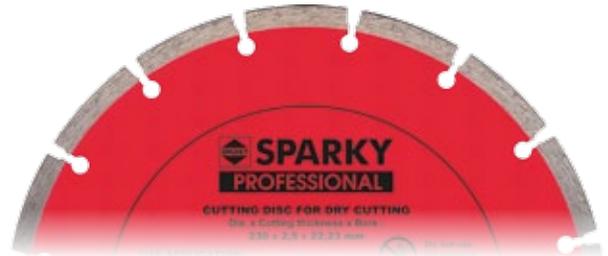


LASER WELDING

In laser welding, the segments are manufactured separately. This separate 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

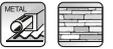
Sintering is a fast, but economical manufacturing process to produce good quality diamond cutting blades.



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



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

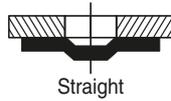
Diameter x Width x Bore, mm	Type	Pcs/Pack	Cat. №
100 x 3.0 x 16	C30 S BF	10	20009563209
115 x 3.0 x 22.2	C30 S BF	10	20009562909
125 x 3.0 x 22.2	C30 S BF	10	20009563009
100 x 3.0 x 16	C30 S BF	5	20009563204
230 x 3.0 x 22.2	C30 S BF	5	20009563104



ABRASIVE FLAP DISCS



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



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.



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	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

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

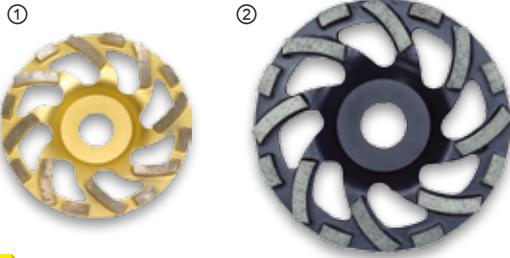


DIAMOND CUP WHEELS



TURBO AGGRESSOR

Aggressive 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

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, extremely 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



NON-BURST, ANTI-ROTATION SAFETY GUARDS



FOR GRINDING ▸

FOR CUTTING ▸



HEAVY DUTY

HEAVY DUTY

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

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

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



Polishing, Sanding, Finishing



■ Polishers/Sanders	80
■ Long Reach Sanders	86
■ Low Speed Polisher	88
■ Sanders	89

■ Grinders	91
■ Belt Sanders	94
■ Sheet Sanders	96
■ Accessories	99

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Polishing, Sanding, Finishing

The Power in your hands

Diamond Discs



Grinding Disc



Light PCD Cup Wheel



Wet



Dry

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POLISHERS / SANDERS

1010 ÷ 2400W
150 / 180 mm



page 86

LONG REACH SANDERS

750W
200 / 225 mm



page 88

LOW SPEED POLISHER

1200W
200 mm



page 89

DRYWALL SANDERS

1200W
200 mm



page 91

STRAIGHT GRINDERS

135 ÷ 800W
M14 / Ø6 / Ø8 mm



page 94

BELT SANDERS

750 ÷ 1200W
76x130 / 100x156 mm



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ORBITAL SANDERS

250 ÷ 550W
108 ÷ 150 mm



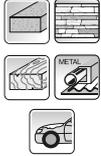
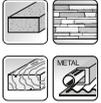
This new range of drywall sanders, finishers and cleaning machines offers 2 different body types – short hand held machines and long reach machines for reaching walls and ceilings.

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)			Sandpaper
			
Punched	Jöst®	Polishing Bonnet	
page 100	page 100	page 101	page 102
			
			
			
			
			

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
- Variable speed control switch
- 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 housing
- Spindle lock button for 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)	

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 housing
- Spindle lock button for disc replacement
- Autostop-brushes

DIAMOND DISCS

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

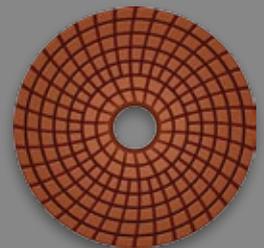
Higher output than traditional abrasives

Longer service life

High mechanical resilience

Excellent scratch-free results and consistency

FOR WET POLISHING



FOR DRY POLISHING



FLEXIBLE BACKING PAD



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. No		12000111712	12000111812

Refer to **Page 99** ▶

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
- Coated rotor and stator for added 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 housing
- Spindle lock button for 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. No		12000111101	12000111201	12000111301

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
- Coated rotor and stator for added dust protection
- Gearbox protective cover
- Magnesium alloy gearbox housing
- Spindle lock button for 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 100** ▶

HEAVYDUTY

New

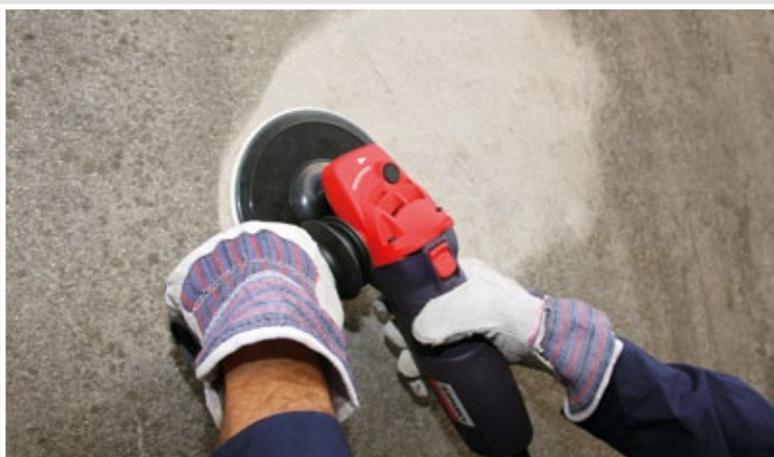


SM 1236CES Plus HD PROFESSIONAL

- 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 housing
- Spindle lock button for 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. No		12000221507

HEAVYDUTY**New****Anti
Vibration****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
- Vibration insulated rear handle – extending user safe working time
- Thermal overload protection
- Durable milled hardened gears
- Front handle for improved control (Optional)
- Soft grip rear handle
- Magnesium alloy gearbox housing
- Spindle lock button for disc replacement
- Autostop-brushes



Anti-vibration side handle

**WIDE RANGE OF
ACCESSORIES**

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



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

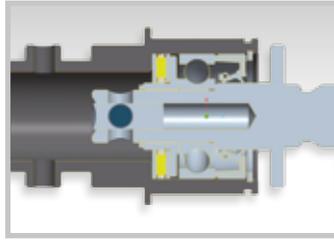
Options: Front handle, **Cat. № 12000222014**

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. №		12000221607

Refer to **Page 100** ▶

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.

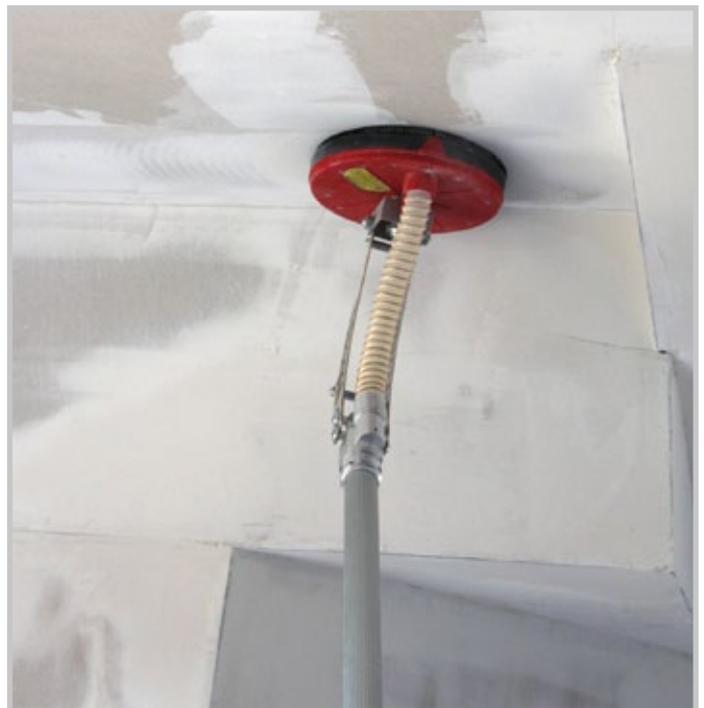


- **Dust protection provided by:**

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



For more information refer to [Page 126](#) ▶



HEAVYDUTY

ACROBAT



SM 712CE • SMA 712CE HD PROFESSIONAL

SM 717CE • SMA 717CE 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

- 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 diameter, 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. No (230V EU)		12000220401	12000220501	10000220201	12000220301
OPTIONS:		Cat. No	Cat. No	Cat. No	Cat. No
Carton box, 8 pcs. sanding pads, tool kit, set of discs:					1212220303 (110V UK) 12120220303 (230V UK)

Compact and lightweight design

HEAVYDUTY



Electronic speed pre-selection with soft start



PM 1212CES Plus HD PROFESSIONAL

- Ideal for sensitive surfaces such as acrylic 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
- Spindle lock button for disc replacement
- Magnesium alloy gearbox housing
- 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. No		12000112113 (230V EU)

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

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

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
- Spindle lock button for disc replacement
- Magnesium alloy gearbox housing
- Quick change hook & loop accessories
- Front handle for improved control
- Autostop-brushes

INDUSTRY STANDARD M14
FITTING FOR ALL ACCESSORIES

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)

For more information refer to **Page 101** ▶

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 housing
- Spindle lock button for disc replacement
- 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. No		12000221005	12000221804



MKL 800CES Plus HD PROFESSIONAL

LIGHT & COMPACT TOOL

HEAVYDUTY



The optimized ventilation ensures lower working temperatures of the motor providing higher performance and reliability

New brush holders to avoid brush blockage

4 m rubber cable

New



Spindle housing and bearing shield made from light and strong aluminium alloy

Improved abrasive dust protection due to epoxy coating of the motor coils



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

TECHNICAL DATA		MKL 800CES Plus
No load rpm:	min ⁻¹	7000–28000
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. No		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



MK 135E PROFESSIONAL

- Compact lightweight body
- Spindle lock button for 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



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

HEAVYDUTY

New



MKL 755CE HD PROFESSIONAL

SMD 1236CES Plus 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 fatigue-free operation
- Magnesium alloy gearbox housing
- Auto-stop brushes

- 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 housing
- Spindle lock button for tool replacement
- Auto-stop brushes

Polishing Brushes

Flap Wheel



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

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		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

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



MBS 976E

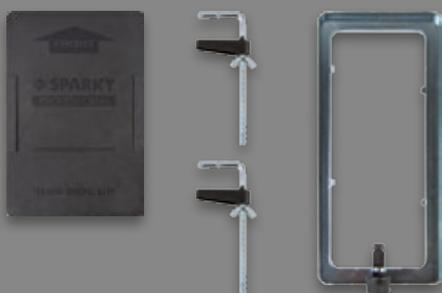


MBS 976 PROFESSIONAL

MBS 976E PROFESSIONAL

ACCESSORIES

Anti slip mat, Inversion clamps - 2 pcs. and Sanding frame (sold separately) 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

- 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 button
- 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)**

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)



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 button
- Ergonomic soft-grip handles
- Dust extraction with dust bag



Large quick release belt lever

Comes complete with: 1 sanding belt, Dust collection bag

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

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

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



EX 125E PROFESSIONAL

EX 150E PROFESSIONAL • EX 150CE 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

- Constant electronics (EX 150CE)
- Variable speed control switch
- Lock on button
- Aluminium alloy base with integral dust extraction
- Adjustable front handle

Vacuum cleaner adapter

Quick-change hook & loop accessories



Refer to **Page 129** ▶

Refer to **Page 102** ▶



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)	13000141206 (EU)	13000141353 (EU)
		13121140104 (110V UK)		



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

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



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)	13000141152 (EU)

MP 250 Sanding sheet hole punch

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



Refer to **Page 102** ▶

**MP 450E PROFESSIONAL**

- Electronic speed pre-selection
- Variable speed control switch
- Lock on button
- 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 102](#) ▶



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. No		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

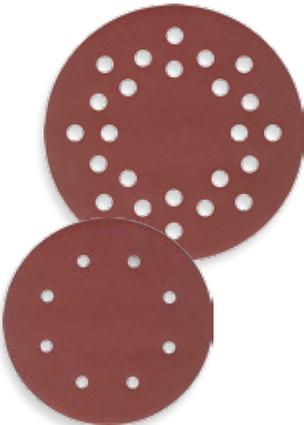
- Compatible with polishers / sanders
- Use with hook & loop accessories

Diameter, mm	Thread	Pcs/Pack	Cat. №
100	M14	1	20009806800

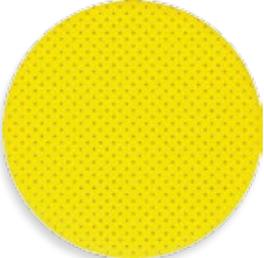


Grit	Type	Application
40-60	Coarse	Heavy sanding, stripping and roughing
80-120	Medium	Surface smoothing, removing smaller imperfections and marks
150-180	Fine	Final pass before finishing
220-240	Very Fine	Polishing between coats of stain or sealer
280-320	Extra Fine	Removing dust spots or marks between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

SANDING DISCS – punched

Application	Diameter, mm	Grit	Cat. № (10 pcs)	Cat. № (50 pcs)
 <p>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</p>	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

JÖST® FINISHING PAD

Application	Diameter, mm	Grit	Pcs/Pack	Cat. №
 <p>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</p>	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		

DIAMOND GRINDING DISC

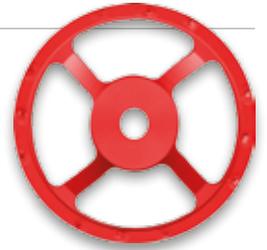
- Efficient controlled stock removal
- Lightweight
- Designed for floor preparation, e.g. concrete
- Compatible with long reach sanders



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

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

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





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

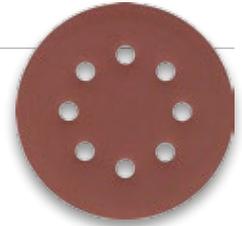
Compatible with belt sanders MBS 776, MBS 876, MBS 876E, MBS 976, MBS 976E, MBS 1100, MBS 1100E

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

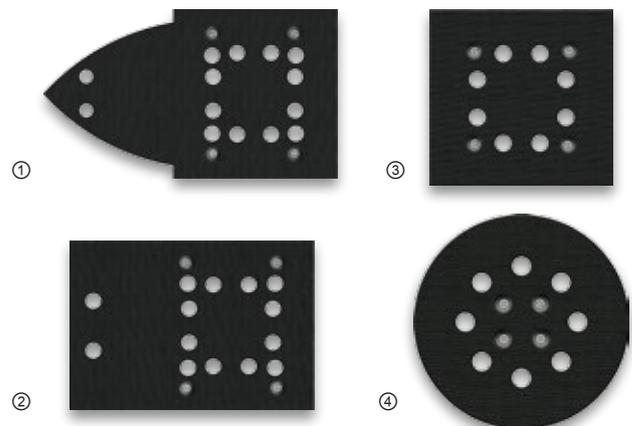


Compatible with random orbit sanders EX 125E, EX 150E and EX 150CE with hook & loop backing

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

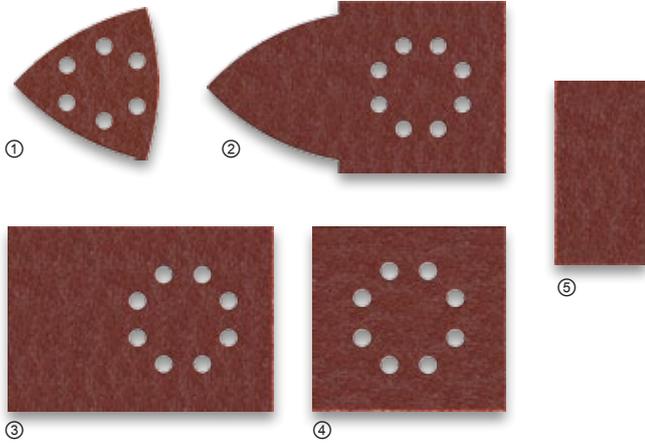


Type	Size, mm	Pcs/Pack	Cat. №
①	199x115x111	1	20009802300
②	165x115	1	20009802100
③	115x111	1	20009802200
④	Ø 125	1	20009710100
④	Ø 150	1	20009710200



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
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
	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
	④	P40	111x115	5
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	20009598814
P120	15	20009598914
P150	15	20009598214
P180	15	20009598314
P240	15	20009598414
P320	15	20009599114

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
Aluminum Oxide	6	from 20 to 30
Rotating speed, min ⁻¹	Pcs/Pack	Cat. №
23000–30000	5	20009871014



Cutting, Routing, Planing,
Dust extraction



■ Routers	108
■ Jig Saws	110
■ Circular Saws	113
■ Sabre Saws	116
■ Single/Double Bevel Mitre Saws	117

■ Planers	119
■ Electric Chain Saws	121
■ Accessories	122
■ Vacuum Cleaners	126
■ Accessories	129

www.sparky.eu



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: W	Cutting capacity in:				No load rpm: min ⁻¹					
			mm									
Routers			Max. cutting stroke:									
X 160E	108	1600	60 (collets: Ø6 / Ø8 / Ø12)				10000–30000	○				○
X 85CES	109	850	52 (collets: Ø6 / Ø8)				10000–25000		○			○
X 110CES Plus		1100	52 (collets: Ø6 / Ø8 / Ø12)				10000–25000		○			○
Jig Saws												
FSPE 80	110	550	80	20	5	10	300–3200	○		○	○	○
FSPE 81		550	80	20	5	10	300–3200	○		○	○	○
FSPE 110	111	580	110	20	5	10	300–3200	○		○	○	○
FSPE 111		580	110	20	5	10	300–3200	○		○	○	○
TH 65	112	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	114	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: W	Cutting capacity in: mm				No load rpm: min ⁻¹						
Circular Saws													
TK 65	115	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	116	1300	200	120	Ø6" (168 mm)		2200			○			
TSB 1300CE		1300	200	120	Ø6" (168 mm)		700–2200	○	○				
Single / Double Bevel Mitre Saws			Max. cutting depth										
TKN 65	117	1400	300x65(0x0°); 210x65 (45x0°); 300x35 (0x45°); 210x35 (45x45°)				5000					○	○
TKN 80D	118	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	119	450	0–1.5	60		16000						○	
P 282		720	0–2	82		16000						○	
P 382	120	750	0.1–3	82		17000						○	
P 3110		1000	0–3	110		16000						○	
Electric Chain Saws			Bar length, mm	Chain speed, m/sec									
TV 1835	121	1800	350	13.5		7250							
TV 2040		2000	400	13.5		7250							
TV 2245		2200	450	13.5		7250							
Accessories	122												
Vacuum Cleaners	126												



New



X 160E PROFESSIONAL

- Electronic speed pre-selection
- 3 position fine depth adjustment
- Aluminium alloy gearbox housing
- 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. No		13000151706

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
- Aluminium alloy gearbox housing and base plate
- 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. No		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 125** ▶



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 button
- Adjustable base, 0°/15°/30°/45° bevel left or right
- Transparent blade guard
- Magnesium alloy gearbox housing
- 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) 12120160703 (230V UK)

HEAVYDUTY



FSPE 110 HD PROFESSIONAL

FSPE 111 HD PROFESSIONAL

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

Cast aluminium base



Integrated wrench holder



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 (110V~50Hz; 230V~50Hz)	580 (230V~50Hz)
Cat. №		12000162208 (230V EU) 10121160703 (110V EU)	12000162308

3 position pendulum action





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 122](#) ▶

- Electronic speed pre-selection (TH 65E, TH 70E)
- 3 position pendulum action
- Tool-free blade change
- Roller support guide
- Lock-on button
- 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. №	Cat. №
- Carry bag	13000160390	13000160490	13000160590	



TK 65 PROFESSIONAL

COMPACT & POWERFUL CIRCULAR SAWS





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



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

SPARKEYE®



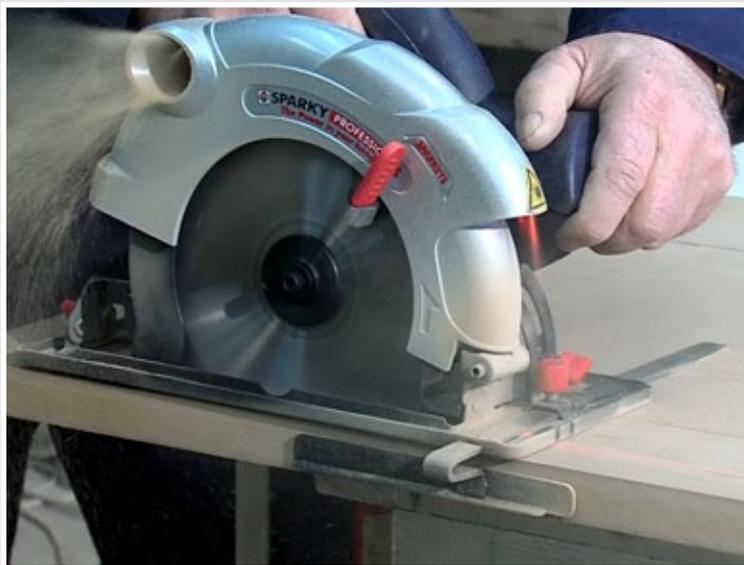
SPARKEYE®



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 124** ▶

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)



2" PIPE HOLDER

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

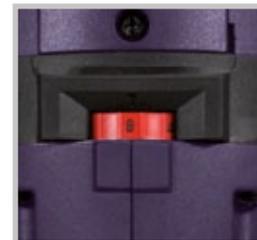


6" PIPE HOLDER

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



 Electronic speed pre-selection (TSB 1300CE)



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 efficiency motor
- Current overload protection
- Aluminium alloy gearbox housing 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)	10000162154 (230V EU)
		10121161354 (110V UK); 10120161354 (230V UK)	10120162154 (230V UK)


 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

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:	mm	300 x 65
	mm	210 x 65
	mm	300 x 35
	mm	210 x 35
Weight:	kg	11.6
Power input:	W	1400 (230V~50Hz)
Cat. No		13000163506

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

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

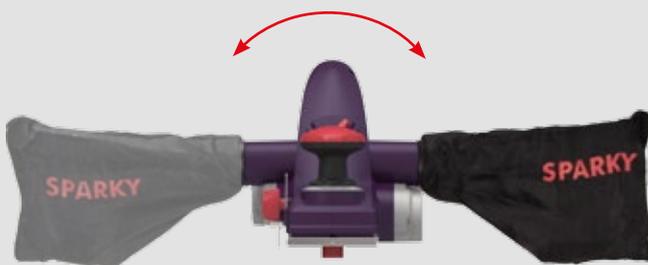
TECHNICAL DATA		TKN 80D	TKN 95D
Blade diameter / bore:	mm	250 / 30	305 / 30
Blade width:	mm	2.8	3.0
Teeth:		24 TCT	32 TCT
No load rpm:	min ⁻¹	5000	5000
Max. cutting capacity:	mm	80	95
Max. cutting depth:	- straight cut at 0°	280 x 80	305 x 95
	- mitre cut at 45°	196 x 80	215 x 95
	- mitre cut at 52°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



P 160 PROFESSIONAL

P 282 PROFESSIONAL

- 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)

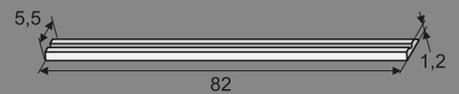
Comes complete with: Parallel fence guide (P 282), Wrench, Dust extraction adapter, Dust collection bag

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

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 125** ▶



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

Bi-directional dust/shavings extraction with dust bag



P 382



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



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



TV 1835 PROFESSIONAL

TV 2040 PROFESSIONAL

TV 2245 PROFESSIONAL

- Auto-stop chain brake during kickback situation
- Safety switch to avoid accidental starting
- Soft-grip rear handle
- 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



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



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

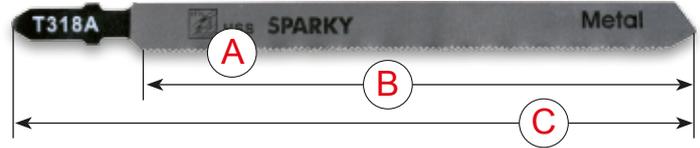
TECHNICAL DATA		TV 1835	TV 2040	TV 2245
Bar length:	mm	350	400	450
Chain speed:	m/sec	13.5	13.5	13.5
No load speed	min ⁻¹	7250	7250	7250
Chain:	Inch	3/8	3/8	3/8
Chain gauge:	mm	1.27	1.27	1.27
Oil tank capacity:	ml	120	120	120
Drive sprocket	–	Replaceable	Replaceable	Replaceable
Auto-stop chain brake: front guard activated / inertia activated :		yes	yes	yes
Power input:	W	1800 (230V~50Hz)	2000 (230V~50Hz)	2200 (230V~50Hz)
Weight:	kg	4.2	4.4	4.4
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

ACCESSORIES ▶



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

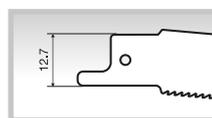
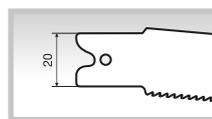
Contents	Pcs/Pack	Cat. №
① Set of one blade each: T101AO, T101BR, T101B. For wood.	3	20009500714
② Set of one blade each: T118G, T101B, T144D. For wood and metal.	3	20009501014
③ Set of one blade each: T111C, T101D, T119BO. For wood and metal.	3	20009500914
④ Set of one blade each: T101AO, T101BR, T101B,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



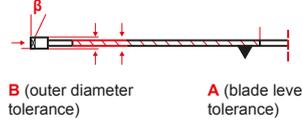
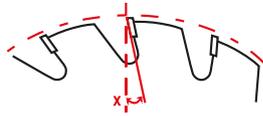
Cutting length, mm	Tooth space, mm	Thickness, mm	Fitting dimension, mm	Material	Application	Pcs/Pack	Cat. №
140	2.5	0.95	20	BiM	Steel pipes	2	20009501301
140	3.2	0.95	20	BiM	Steel pipes	2	20009501401
200	3.2	0.95	20	BiM	Steel pipes	2	20009501501
150	1.8	0.95	20	BiM	Universal for metal, wood with nails, 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



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

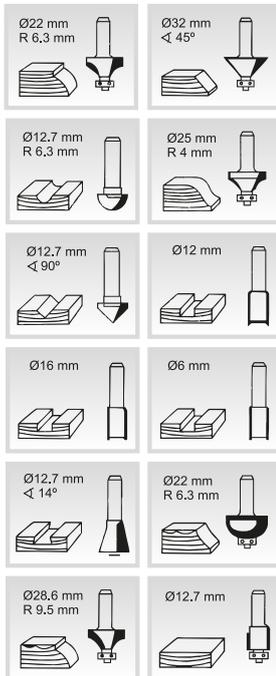


ROUTER BIT SET



Compatible with all SPARKY routers

- Ø8 mm shaft
- 12 pcs. in package



Pcs/Pack	Cat. №
12	20009620014

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



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

CHAIN SAW ACCESSORIES



Type	Used with	Pcs/Pack	Cat. №
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
Guide bar 35 cm	TV 1835	1	20009661300
Guide bar 40 cm	TV 2040	1	20009661500
Guide bar 45 cm	TV 2245	1	20009661700

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

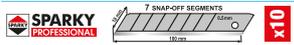
HEAVY DUTY PREMIUM QUALITY

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

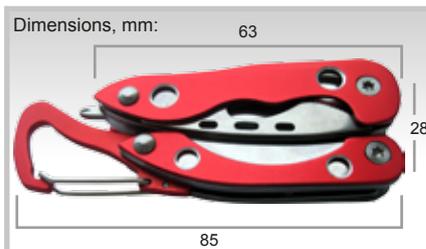


Number of blades	Segments	Pcs/Pack	Cat. №
3 (18 x 100 mm)	7	1	20008711200



Blades set - 10 pcs.	Segments	Pcs/Pack	Cat. №
 x10	7	10	20009709114

PLIERS



Include:

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

Pcs/Pack	Cat. №
1	20009726800





VC 1321MS PROFESSIONAL



Blow function



COMES COMPLETE WITH:





New



VC 1221

VC 1600AF

- 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

- 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. No		13000201700	13000204312	13000204412



VC 1431MS PROFESSIONAL

- For industrial applications
- Integrated power take off socket with automatic start/stop
- High-performance motor
- 30 l / 50 l steel tank
- Overflow protection with auto off function
- Chrome plated metal telescopic tube (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

VC 1650MS PROFESSIONAL



Air control handle
(VC 1431MS)

Comes complete with:

	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 Extendable hose Ø32 mm, 5 m		○
⑯ Extendable hose Ø35 mm, 2.5 m	○	
⑰ Telescopic tube	○	○
⑲ Crevice nozzle	○	○
⑳ Air control handle	○	
㉑ Combo brush	○	○
Trolley, Car nozzle		○

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

	Description	Used with:	Pcs/Pack	Cat. Ne
	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 1431MS, VC 1650MS	1	20009640300
	④ Polyester pleated filter for dry vacuum cleaning for locking system	VC 1321MS, 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 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 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 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	1	20009640600
	⑭ Extendable hose 5 m, Ø32mm	VC 1650MS	1	20009640700
	⑮ Extendable hose 2.5 m, Ø32mm	VC 1650MS	1	20009644200
	⑯ Extendable hose 2.5 m, Ø32mm HEAVY DUTY	VC 1650MS	1	20008644200
	⑰ Extendable hose 1.5 m, Ø32mm	VC 1220	1	20009644400
	⑱ Extendable hose 2.5 m, Ø35mm	VC 1221, 1321, 1431MS	1	20009644300
	⑲ Telescopic tube	VC 1431MS, VC 1650MS	1	20009641400
	⑳ Crevice nozzle	VC 1220, 1221, 1321MS, VC 1430MS, 1431MS	1	20009641500
	㉑ Air control handle	VC 1431MS	1	20009641600
	㉒ Combo brush	VC 1220, 1221, 1321MS, 1431MS	1	20009641700
	㉓ Plastic tube set	VC 1220, 1221, 1321MS, 1431MS	1	20009641814
	㉔ Floor nozzle	VC 1220, 1221, 1321MS, 1431MS	1	20009641900





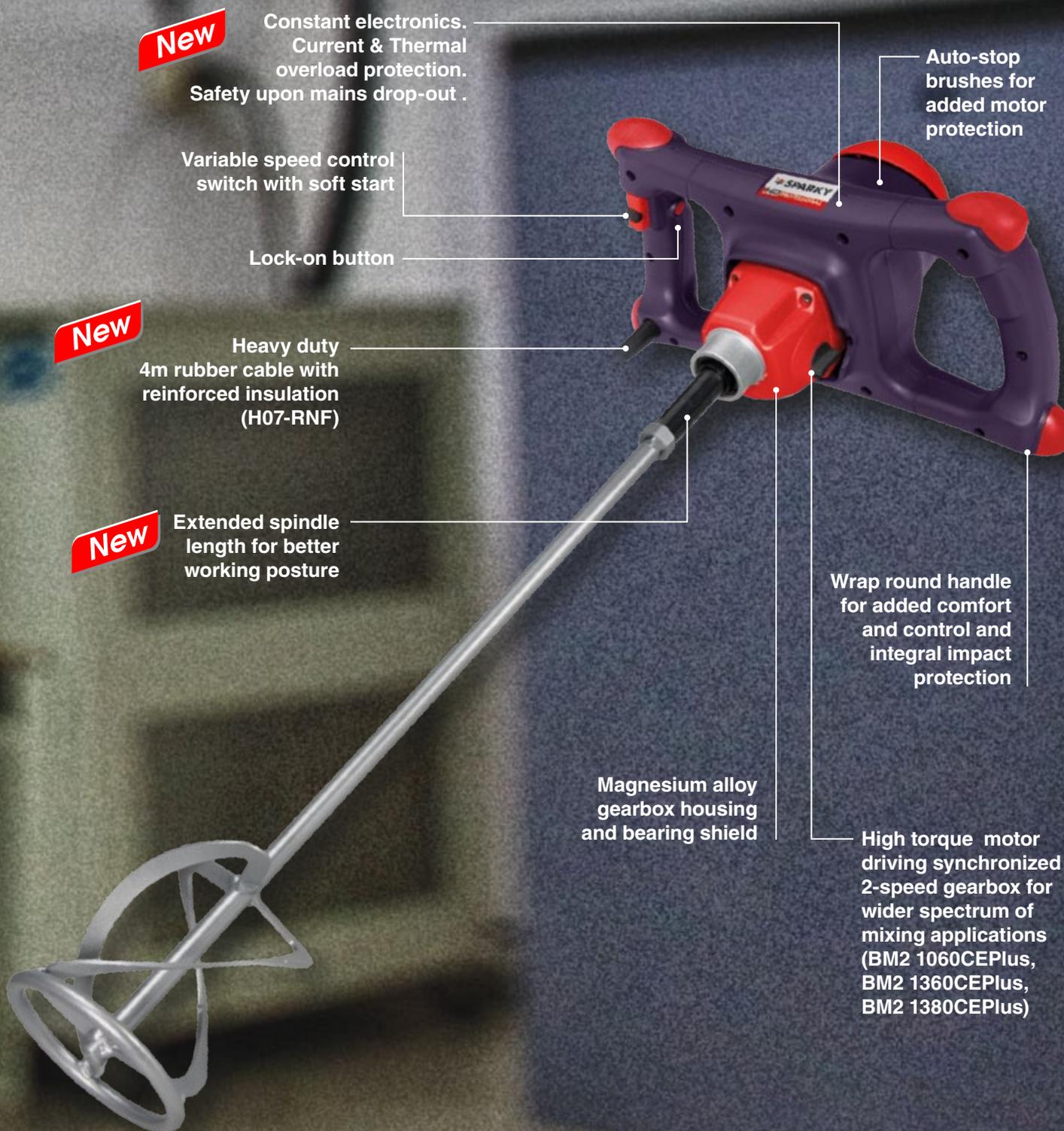
Mixers & Other Tools



■ Paddle Mixers	132
■ 2-speed Paddle Mixers	133
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■ Heat Guns	136
■ Accessories	137

www.sparky.eu



New

Constant electronics.
Current & Thermal
overload protection.
Safety upon mains drop-out .

Variable speed control
switch with soft start

Lock-on button

Auto-stop
brushes for
added motor
protection

New

Heavy duty
4m rubber cable with
reinforced insulation
(H07-RNF)

New

Extended spindle
length for better
working posture

Wrap round handle
for added comfort
and control and
integral impact
protection

Magnesium alloy
gearbox housing
and bearing shield

High torque motor
driving synchronized
2-speed gearbox for
wider spectrum of
mixing applications
(BM2 1060CEPlus,
BM2 1360CEPlus,
BM2 1380CEPlus)

Faster and more efficient

HEAVYDUTY



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

BM 1060E HD PROFESSIONAL

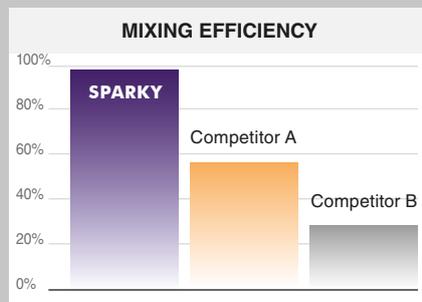
BM 1060CE Plus HD PROFESSIONAL

BM 1360CE Plus HD PROFESSIONAL

- Variable speed control switch with soft start
- Constant electronics to maintain speed under load (Index CE Plus)
- Lock-on button
- Current & Thermal overload protection (Index CE Plus)
- Safety restart cut out (Index CE Plus)
- High torque
- Magnesium alloy gearbox housing
- Wrap round handle for added comfort and control
- 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) 12121200201 (110V UK) 12120200201 (230V UK)	12000200301 (230V EU)	12000203511 (230V EU)

HEAVYDUTY



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

- Variable speed control switch with soft start
- Synchronised 2-speed metal gears for handling widest spectrum of mixing applications
- Constant electronics to maintain speed under load
- Safety restart cut out
- Lock-on button
- Magnesium alloy gearbox housing
- Wrap round handle for added comfort and control
- 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)	12000203611 (230V EU)
		12121200402 (110V UK)	12121203611 (110V UK)
		12120200402 (230V UK)	12120203611 (230V UK)

Mixing capacity up to 80kg



Synchronized 2-speed metal gears for handling widest spectrum of mixing applications

(BM2 1380CE Plus)

New

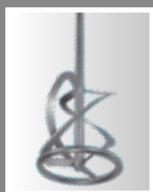


HEAVYDUTY



BM 1380CE Plus HD PROFESSIONAL

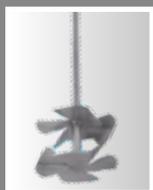
BM2 1380CE Plus HD PROFESSIONAL



SM 140x570
SM 120x570

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

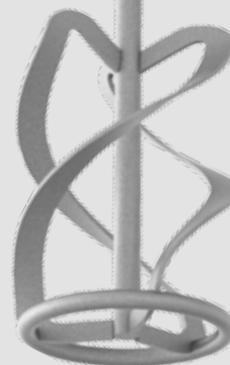
Perfect mixing of mortar, finished plaster, refractory cements, gypsum, floor compounds, granulates, insulating materials and quartz-filled epoxy resin.



SM 121x570

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

- 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 better working posture
- Aluminium 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. No		12000205511	12000205611



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



HAG 2000 PROFESSIONAL

HAG 2000E PROFESSIONAL

HAG 2000ED PROFESSIONAL

Comes complete with:

REDUCTION NOZZLE



GLASS PROTECTION NOZZLE



REFLECTOR NOZZLE



FLAT NOZZLE



TRIANGULAR SCRAPER



- 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

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

MEASURING TAPES

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



HEAVY DUTY PREMIUM QUALITY

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



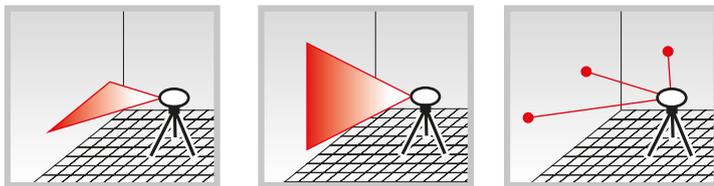
Type	Length, m	Width, mm	Thickness, mm	Bending-Vertical, m	Bending-Horizontal, m	Pcs/Pack	Cat. №
MT 3M	3	16	0.105	1.6	1.35	1	20009711300
MT 5M	5	19	0.105	1.9	1.5	1	20009700100
MT 7.5M	7.5	25	0.105	2.8	2.0	1	20009711400
MT 10M	10	25	0.105	2.8	2.0	1	20009709800

HEAVY DUTY PREMIUM QUALITY

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

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

MEASURING & DETECTION EQUIPMENT

ULTRASONIC DISTANCE DETECTOR
UDD 16

- 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

MULTI-FUNCTION DETECTOR
MFD 16

- Ultrasonic distance detector with laser point
- Calculation 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

SPARKY BANNER



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

SPARKY BANNER



- 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

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



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



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ONLINE CATALOGUE
VERSION:



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