

SPARKY

HD PROFESSIONAL



POWER TOOLS 2016

The Power in your hands

www.sparky.eu



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 tools.

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 their range of Power Tools and Accessories that now make up the SPARKY Professional range of products.

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.

Our Investment – Research & Development

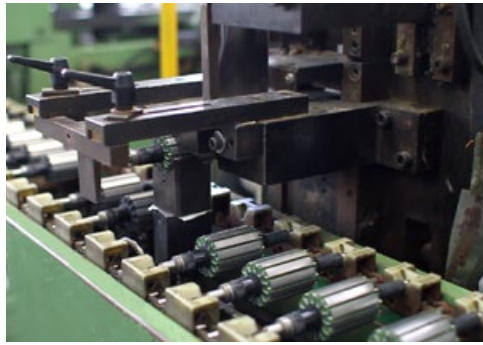
Continued high levels of investment, in research, development and modernisation of manufacturing plant and all its processes have allowed SPARKY to concentrate on the quality of products that are designed, manufactured and assembled in their own factory.

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



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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 the identification of hazards and the evaluation and control of work related risks.
- **ISO/IEC 17025:2005** Our in-house technical laboratory is accredited and complies with the standards defined in ISO / IEC 17025:2005.

- **RoHS II 2011/65/EU**
All SPARKY Power Tools strictly achieve EC-regulation 2011/65/EU for limitation of hazardous substances in Power Tools.
- **WEEE 2012/19/EU**
SPARKY is registered member of EAR for recycling of old and used Power Tools.

A member of

EPTA

THE EUROPEAN POWER TOOL ASSOCIATION



HD PROFESSIONAL

SPARKY HD Professional power tools are designed for the most demanding jobs in adverse environments in the engineering and construction industries.

The Power in your hands

BR2 10.8Li-C HD / BUR2 10.8Li-C HD / GUR 10.8Li-C HD

10.8V
Li-ion

New



HEAVYDUTY

- New compact shorter design
- Better balance and control
- High performance motor
- Controllable high torque
- All metal two speed gearbox (BR2, BUR2)
- Variable speed and reverse
- 20 position torque settings plus drilling
- Hammer action (BUR2)
- Electric motor brake
- Overload protection
- Battery with cell protection
- Battery charge level display
- Keyless single sleeve chuck (BR2, BUR2)
- Quick release hex fitting with lock (GUR)
- Impact action (GUR)
- LED work light
- Interchangeable battery packs



Comes complete with:

Carry case, 2 batteries, Fast charger
Options – 2 batteries 2.0Ah: BR2 10.8Li-C HD cat. № 12000194653
GUR 10.8Li-C HD cat. № 12000194853

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	1.5	2.0	1.5
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. №		12000194651	12000194753	12000194851

18V LI-ION COMPACT COMBI DRILL / DRILL DRIVER

BR2 18Li-C HD / BUR2 18Li-C HD

18V
Li-ion

New

HEAVYDUTY

- New compact shorter design
- Better balance and control
- High performance motor
- Controllable high torque
- All metal two speed gearbox
- Variable speed and reverse
- 20 position torque settings plus drilling
- Hammer action (BUR2)
- Electric motor brake
- Overload protection
- Battery with cell protection
- Battery charge level display
- Keyless single sleeve chuck
- LED work light
- Interchangeable battery packs
- Intelligent, fan cooled fast charger



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

TECHNICAL DATA		BR2 18Li-C HD	BUR2 18Li-C HD
Voltage:	V	18	18
Capacity:	Ah	2	2
No load rpm:	min ⁻¹	0–350 / 0–1350	0–350 / 0–1350
No load impact rate:	min ⁻¹	–	5250 / 20250
Keyless chuck:	mm	10	10
Max. Torque:	Nm	38	38
Torque settings:	pos.	20+1	20+1
Battery:		Li-Ion	Li-Ion
Weight (including battery):	kg	1.3	1.4
Cat. №		12000195153	12000195353

BUR2 18Li HD

HEAVYDUTY

New

18V
Li-ion



BR2 18Li HD



25 torque settings plus drilling, Spindle lock, Hammer drill function (BUR2 18Li HD)

GUR 18Li HD / GUR 18SLi HD

HEAVYDUTY

- 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

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



Battery level & Torque setting LED indicator

Battery level button



3-Speed / Torque setting button

Comes complete with:

Carry case, 2 batteries (4 Ah), Fast charger, Auxiliary handle (BUR2 18Li HD)

TECHNICAL DATA		BR2 18Li HD	BUR2 18Li HD	GUR 18Li HD	GUR 18SLi HD
Voltage:	V	18	18	18	18
Capacity:	Ah	4	4	4	4
No load rpm:	min ⁻¹	0-450 / 0-1450	0-400 / 0-1800	0-1000 / 0-1800 / 0-2800	0-1000 / 0-1800 / 0-2800
No load impact rate:	min ⁻¹	-	0-7200 / 0-32400	0-1150 / 0-2400 / 0-4400	0-1150 / 0-2400 / 0-4400
Keyless chuck / Tool holder:	mm / inch	10	13	1/4" Hex	1/2" Square drive
Max. Torque:	Nm	49	75	170	180
Torque settings:	pos.	25+1	25+1	-	-
Battery:		Li-ion	Li-ion	Li-ion	Li-ion
Weight (including battery):	kg	1.7	2.0	1.7	1.7
Cat. №		12000194287	12000193887	12000194387	12000194587

M 18Li HD
HEAVYDUTY

18V
Li-ion

New

Newly designed gear box using light but strong magnesium alloy

Spindle lock button for convenient disc replacement

Multifunction switch to prevent accidental switching on, lock-on function and switching off; Restart protection

Ergonomic soft grip handle

LED battery level indicator

LED indicator for overload and restart protection

Electronics features:

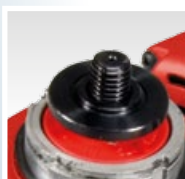
- Soft start
- Restart protection
- Overload protection in the event of the disc being pinched or snagged
- Rapid disc stop



2-position Anti-vibration side handle



Tool free, Non-burst, Anti-rotation safety guard



Improved spindle construction to avoid debris ingress



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. No		12000194990

Intelligent, fan cooled, Universal fast charger



COMPACT DRILL

HD PROFESSIONAL

BR 102E

New



HEAVYDUTY

- 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
Options (cat. № 12000012060): Carry case

TECHNICAL DATA		BR 102E
Drilling capacity in:		
- steel	mm	6
- non-ferrous metals	mm	6
- wood	mm	12
No load rpm:	min ⁻¹	0-3000
Spindle thread:	UNF	1/2"-20
Chuck capacity:	mm	0.8-10
Journal diameter:	mm	-
Weight:	kg	1.3
Power input:	W	450 (230V~50Hz)
Cat. №		12000012010

IMPACT DRILL

PROFESSIONAL

BUR 150E



HEAVYDUTY

- 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

Comes complete with: Keyed chuck, Auxiliary handle, Depth gauge
Options (cat. № 10000011601): Keyless chuck, Auxiliary handle, Depth gauge

TECHNICAL DATA		BUR 150E
Drilling capacity in:		
- concrete	mm	15
- steel	mm	13
- non-ferrous metals	mm	16
- wood	mm	25
No load rpm:	min ⁻¹	0-2800
No load impact rate:	min ⁻¹	42000
Max. torque:	Nm	9
Spindle thread:	UNF	1/2"-20
Chuck capacity:	mm	1.5-13
Journal diameter:	mm	43
Max. screw in wood:	mm	Ø6, L=100
Weight:	kg	2
Power input:	W	600 (230V~50Hz)
Cat. №		10000011600

IMPACT DRILL

HD PROFESSIONAL

BUR 150CET KL



HEAVYDUTY

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

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

TECHNICAL DATA		BUR 150CET
Drilling capacity in:		
- concrete	mm	15
- steel	mm	13
- non-ferrous metals	mm	16
- wood	mm	25
No load rpm:	min ⁻¹	500-2500
No load impact rate:	min ⁻¹	37500
Max. torque:	Nm	9
Spindle thread:	UNF	1/2"-20
Chuck capacity:	mm	1.5-13
Journal diameter:	mm	43
Max. screw in wood:	mm	Ø6, L=100
Weight:	kg	2
Power input:	W	600 (230V~50Hz)
Cat. №		12000011701

2-SPEED IMPACT DRILL

HD PROFESSIONAL

BUR2 160E



HEAVYDUTY

- Electronic speed pre-selection
- Variable speed control switch
- Synchronised metal 2-speed gears
- Lock-on button
- Reverse
- 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 (cat. № 12000022663): Carry case, Keyless chuck, Anti-vibration side handle

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 (230V~50Hz)
Cat. №		12000022600

BUR2 250E / BUR2 350E / BUR2 355CE



HEAVYDUTY

- Electronic speed pre-selection
- Synchronised metal 2-speed gears
- Variable speed control switch
- Lock-on button
- Reverse
- On/Off impact mode switch
- Magnesium alloy gearbox housing
- Ergonomic soft-grip handle
- Mechanical safety clutch (BUR2 350E/355CE)
- Additional electronic clutch from the over-current protection system (BUR2 355CE)
- Auto-stop brushes
- Double insulation



Comes complete with:

- BUR2 250E:** Carry case, Keyless chuck, Depth gauge, Anti-vibration side handle
- BUR2 350E:** Keyed chuck, Auxiliary handle, Depth gauge
- BUR2 355CE:** Carry case, Keyed chuck, Anti-vibration auxiliary handle, Depth Gauge

TECHNICAL DATA		BUR2 250E	BUR2 350E	BUR2 355CE
Drilling capacity in:				
- concrete	mm	25 / 13	16 / 10	16 / 10
- steel	mm	16 / 10	16 / 10	16 / 10
- non-ferrous metals	mm	20 / 13	20 / 13	20 / 13
- wood	mm	40 / 25	45 / 20	45 / 20
Max. core size in masonry:	mm	–	152	152
No load rpm:	min ⁻¹	0–1000 / 0–2900	0–800 / 0–2000	0–800 / 0–2000
No load impact rate:	min ⁻¹	18000 / 52200	36000	14400 / 36000
Max. torque:	Nm	46	65	65
Spindle thread:	UNF	1/2"–20	1/2"–20	1/2"–20
Chuck capacity:	mm	1.5–13	3–16	3–16
Journal diameter:	mm	43	43	43
Max. screw in wood:	mm	Ø6, L=100	Ø8, L=100	Ø8, L=100
Weight:	kg	2.7	3.5	4.1
Power input:	W	1010 (230V~50Hz)	1010 (230V~50Hz)	1260 (230V~50Hz)
Cat. №		12000021963	12000030302	12000030862

DRYWALL SCREWDRIVER HD PROFESSIONAL

BVR 54E / BVR 63E



HEAVYDUTY

- Compact, lightweight screwdriver for permanent use
- Variable speed control switch
- Lock-on button
- Reverse
- 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
Options: Carry case
 (BVR 54E – cat. № 12000205350; BVR 63E – cat. № 12000205450)

TECHNICAL DATA		BVR 54E	BVR 63E
No load rpm:	min ⁻¹	0–4000	0–3000
Tool holder:	mm	6.35 (1/4")	6.35 (1/4")
Max. torque:	Nm	8	10
Weight:	kg	1.2	1.2
Power Input:	W	450 (230V~50Hz)	450 (230V~50Hz)
Cat. №		12000205300	12000205400

TAPPER MACHINE HD PROFESSIONAL

R 10E



HEAVYDUTY

- 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

Comes complete with: Depth gauge, Auxiliary handle



TECHNICAL DATA		R 10E
Chuck capacity:	mm	M4 – M10
No load rpm:		
- right run / left run	min ⁻¹	0–520 / 0–1040
Journal diameter:	mm	43
Weight:	kg	2.2
Power input:	W	450 (230V~50Hz)
Cat. №		12000205200

BPR 260E / BPR 280CE

HEAVYDUTY

- Three mode settings: Drilling, Hammer Drilling and Chiselling
- Pneumatic high-performance hammer mechanism
- Safety clutch
- Magnesium alloy gear box
- Variable speed control switch
- Reverse function by rotating brush holder unit
- Lock-on button
- Ergonomic soft grip handle
- Anti-vibration auxiliary handle
- Double insulation
- 4m rubber cable



Comes complete with:

Carry case, Anti-vibration side handle, Depth gauge, Keyed chuck with adapter

TECHNICAL DATA

	BPR 260E	BPR 280CE
Drilling capacity in: - concrete / steel / wood:	mm 26 / 13 / 30	28 / 13 / 30
- core bits in masonry up to:	mm 68	68
No load rpm:	min ⁻¹ 0-1150	0-1000
Rated rpm:	min ⁻¹ 0-830	0-920
No load impact rate:	min ⁻¹ 0-5200	0-4700
Rated impact rate:	min ⁻¹ 0-3850	0-4280
Impact energy (EPTA-Procedure 05/2009):	J 3.0	3.4
Drill bit connection:	SDS+	SDS+
Weight:	kg 2.8	2.9
Power input:	W 800 (230V~50Hz)	1010 (230V~50Hz)
Cat. №	12000041264	12000041464

BP 330CE

HEAVYDUTY

- Rotary hammer class "4 kg" with SDS+
- Two mode settings: Hammer drilling and Chiseling
- High reliability motor. Dust protected bearings
- Electronic device with soft start, speed pre-selector and variable tacho-controlled constant electronics maintaining constant RPM regardless of the load
- Anti-vibration system on rear and side handle. Full vibro-insulation is achieved by elastic suspension of the rear and side handle to the gear box.
- Safety clutch
- Magnesium alloy gearbox housing
- Auto-stop brushes
- LED overload indicator
- LED 8 hour brush wear out indicator
- Double insulation



Comes complete with:

Carry case, Anti-vibration side handle, Depth gauge, Keyed chuck with adapter

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 (230V~50Hz)
Cat. №	12000050350

BP 540CE / BP 860CE



Anti Vibration

- Anti-vibration system on rear handle
- Two mode settings

HEAVYDUTY

- Rotary hammer class “6 kg” (BP 540CE) / “8 kg” (BP 860CE) 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



BP 860CE

New



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

TECHNICAL DATA		BP 540CE	BP 860CE
Drilling capacity in concrete:	mm	40	52
Core bits (TCT cutter only) in masonry up to:	mm	90	140
No load rpm:	min ⁻¹	200–350	120–280
No load impact rate:	min ⁻¹	1900–3300	1170–2800
Impact energy (EPTA-Procedure 05/2009):	J	8.7	12
Drill bit connection:		SDS Max	SDS Max
Weight:	kg	6	8
Power input:	W	1010 (230V~50Hz)	1400 (230V~50Hz)
Cat. №		12000050152	12000050652

COMPACT CHISELING HAMMER FOR SDS+ DEVICES

K 306E

HEAVYDUTY

- Pneumatic high-performance hammer mechanism
- Socket with SDS+ connection
- 12 position chisel adjustment
- Electronic regulator of impact rate
- Variable speed control switch
- Lock-on button
- Ergonomic front handle
- Closed D-handle for added safety and control

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 (230V~50Hz)
Cat. №		12000060151

K 920CE

HEAVYDUTY

New

Pneumatic hammer mechanism. High efficiency due to computer optimization of the pneumatic hammer mechanism

Magnesium alloy gearbox housing

Anti Vibration handle with soft grip

SDS max chuck

D-side handle with adjustable position for added safety and control

12 position chisel adjustment

Constant electronics with impact rate preselection

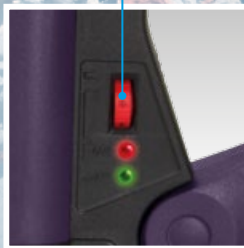


Auto-stop brushes

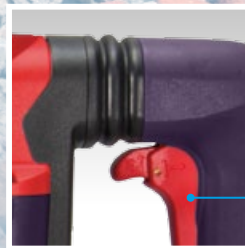
Double insulation



▪ Chisel position lock



- LED overload indicator
- LED 8 hour brush wear out indicator
- Live tool indicator



▪ Anti-vibration system

Variable speed control switch with Lock-on button

K 615CE

HEAVYDUTY



Comes complete with:

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

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 (230V~50Hz)	1400 (230V~50Hz)
Cat. №		12000060752	12000060952

SMALL ANGLE GRINDER **HD** PROFESSIONAL

M 750 HD Compact / M 750E HD Compact

New



HEAVYDUTY

- Dust protection for an extended tool life
- Ergonomically designed slimmer motor housing
- New compact, high performance motor
- Improved motor cooling for added tool protection
- Spindle lock button for disc replacement
- Electronic speed pre-selection (M 750E HD Compact)
- Magnesium alloy gearbox housing
- Non-burst, anti-rotation safety guard
- Safety switch with lock on function
- 2-position side handle

Comes complete with:

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

TECHNICAL DATA		M 750 HD Compact	M 750E HD Compact
Disc diameter:	mm	125	125
No load rpm:	min ⁻¹	10500	3500-10500
Spindle thread:		M14	M14
Weight:	kg	1.8	1.9
Power input:	W	750 (230V~50Hz)	750 (230V~50Hz)
Cat. №		12000073111	12000073211

SMALL ANGLE GRINDER **HD** PROFESSIONAL

M 850 HD / M 850E HD



HEAVYDUTY

- Dust protection for an extended tool life
- High performance motor
- Improved motor cooling for added tool protection
- Electronic speed pre-selection (M 850E HD)
- Magnesium alloy gearbox housing
- Non-burst, anti-rotation safety guard
- Spindle lock button
- Safety switch with lock on function
- Anti-vibration side handle
- 4m rubber cable
- Auto-stop brushes

Comes complete with:

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

TECHNICAL DATA		M 850 HD	M 850E HD
Disc diameter:	mm	125	125
No load rpm:	min ⁻¹	10000	3000-10000
Spindle thread:		M14	M14
Weight:	kg	2.2	2.3
Power input:	W	850 (230V~50Hz)	850 (230V~50Hz)
Cat. №		12000070512	12000070612

SMALL ANGLE GRINDER

HD PROFESSIONAL

M 1200 HD / M 1400CES Plus / M 1400CES Plus A



New



M 1400CES Plus A



HEAVYDUTY

- 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
- Anti-vibration side handle
- Safety switch with lock on function
- 4 m rubber cable
- Auto-stop brushes
- High torque
- Electronic speed pre-selection (Index CES Plus)
- Soft start with restriction of starting current (Index CES Plus)
- Constant electronics to maintain constant speed under load (Index CES Plus)
- Safety restart cut-out (Index CES Plus)
- Overload safety cut out in the event of the disc being pinched or snagged (Index CES Plus)
- Thermal overload protection (CES Plus)
- Vibration insulated rear handle – extending user safe working time (CES Plus A)

Comes complete with:

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



TECHNICAL DATA		M 1200 HD	M 1400CES Plus HD	M 1400CES Plus A 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 (230V~50Hz)	1400 (230V~50Hz)	1400 (230V~50Hz)
Cat. №		12000071112	12000071912	12000072312

MBA 2400PA HD / MBA 2600PA HD

HEAVYDUTY



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



Double insulation

High performance, high efficiency motor with optimised cooling and ventilation

Auto-stop brushes

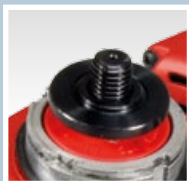
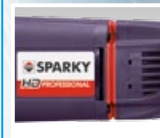
Coated rotor and stator for added dust protection for reliable operation in heavy dust environments

Spindle lock button for disc replacement

Magnesium alloy gearbox housing

- Multifunction switch to prevent accidental switching on for added safety after mains drop out
- Soft start with restriction of starting current
- Lock-on function

Anti-vibration back handle with soft grip (Index PA)



Dust sealed spindle and bearings



Non-burst, anti-rotation safety guard



Anti-vibration Side handle

MBA 2000P HD / MBA 2200P HD

HEAVYDUTY



Non-burst, anti-rotation safety guards*

FOR GRINDING ▶



Dia., mm	Used with	Pcs/Pack	Cat. №
115	Small range angle grinders	1	20008683500
125	Small range angle grinders	1	20008683600
230	Large range angle grinders	1	20008684000

FOR CUTTING ▶



Dia., mm	Used with	Pcs/Pack	Cat. №
115	Small range angle grinders	1	20008684100
125	Small range angle grinders	1	20008684200
230	Large range angle grinders	1	20008684600

*sold separately

Comes complete with:

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

Optional Carry case:

MBA 2200P HD – cat. № 12000093867; MBA 2400PA HD – cat. № 12000095767; MBA 2600PA HD – cat. № 12000095967

TECHNICAL DATA		MBA 2000P HD	MBA 2200P HD	MBA 2400PA HD	MBA 2600PA HD
Disc diameter:	mm	230	230	230	230
No load rpm:	min ⁻¹	6600	6600	6600	6600
Spindle thread:		M14	M14	M14	M14
Weight:	kg	5.6	5.5	6.5	6.5
Power input:	W	2000 (230V-50Hz)	2200 (230V-50Hz)	2400 (230V-50Hz)	2600 (230V-50Hz)
Cat. №		12000092612	12000093812	12000095712	12000095912

FB 514 / FB 726



HEAVYDUTY

- 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
- Thermal overload protection (FB 514)
- Magnesium alloy gearbox housing
- Spindle lock button for disc replacement
- Auto-stop brushes

Comes complete with: Carry case, Diamond cup wheel, Guard set with brush seal (FB 514) / Guard set with rubber seal (FB 726), Closed front handle with 2 bolts and washers, Support washer, Lock nut, Lock nut spanner

TECHNICAL DATA		FB 514	FB 726
Wheel diameter:	mm	127 (5")	177.8 (7")
No load rpm:	min ⁻¹	10500	6500
Spindle thread:		M14	M14
Weight:	kg	3.1	6.9
Power input:	W	1400 (230V-50Hz)	2600 (230V-50Hz)
Cat. No		12000130952	12000130854

WALL CHASER

FK 3014 / FK 6526



HEAVYDUTY

- Suitable for efficient cutting of channels in concrete, walls and floors
- Constant electronics to maintain constant speed under load (FK 3014)
- Softstart with restriction of starting current
- Thermal overload protection (FK 3014)
- Light and easy to operate on vertical walls/surfaces (FK 3014)
- 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
- Magnesium alloy gearbox housing
- Safety restart cut out
- Safety switch to prevent accidental switching on. Lock-on function
- Spindle lock button for disc replacement
- Ergonomic soft-grip rear handle (FK 6526)
- 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 (FK 3014) / 7 thrust washers (FK 6526), Lock nut spanner

Options: Carry case
FK 3014 Cat. No: 12000121153

TECHNICAL DATA		FK 3014	FK 6526
Disc diameter:	mm	125	230
No load rpm:	min ⁻¹	10500	6500
Spindle thread:		M14	M14
Groove depth:	mm	0-30	20-65
Groove width:	mm	3-29	9-40
Weight:	kg	3.5	10.4
Power input:	W	1400 (230V-50Hz)	2600 (230V-50Hz)
Cat. No		12000121303	12000120704

POLISHER / SANDER

HD PROFESSIONAL

PMB 1200CE



HEAVYDUTY

- 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

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 (230V-50Hz)
Cat. №		12000110402

POLISHER / SANDER

HD PROFESSIONAL

SM 1433CES Plus

New



HEAVYDUTY

Anti Vibration

- 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
- 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

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

FLAT HEAD SANDER

HD PROFESSIONAL

SM 728E

New



Ultra-flat grinding head – only 15 mm

HEAVYDUTY

- 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



Comes complete with: Sanding attachment, Front D-handle

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

BURNISHING MACHINE

HD PROFESSIONAL

SMD 1236CES Plus

New



HEAVYDUTY

- 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



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

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

MKL 800CES Plus

New

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

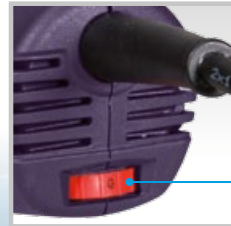
New brush holders to avoid brush blockage

4 m rubber cable

HEAVYDUTY

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

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



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. №		12000100602

Electronics features:

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

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

RANDOM ORBIT SANDER

PROFESSIONAL

EX 125E



Vacuum cleaner adapter



Quick-change hook & loop accessories

- 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

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

TECHNICAL DATA		EX 125E
Pad size:	mm	Ø125
No load rpm:	min ⁻¹	7000–14000
Eccentricity:	mm	2.5
Weight:	kg	1.7
Power input:	W	320 (230V~50Hz)
Cat. №		13000140104

1/4 SHEET SANDER

PROFESSIONAL

MP 250



Sanding sheet hole punch

- 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

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

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

TECHNICAL DATA		MP 250
Pad size:	mm	108 x 112
No load rpm:	min ⁻¹	14000
Eccentricity:	mm	1.5
Weight:	kg	1.5
Power input:	W	250 (230V~50Hz)
Cat. №		13000140904

PLANER

PROFESSIONAL

P 282



- Aluminium alloy base
- 2 V-grooves for chamfering of edges
- High no load rpm for precise finish
- Adjustable planning depth
- Bi-directional switch lock
- Ergonomic soft-grip handle
- Adjustable parallel fence guide
- Live tool indicator when plugged into the power supply
- 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

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

TECHNICAL DATA		P 282	
Planning depth:	mm	0-2	
Planning width:	mm	82	
No load rpm:	min ⁻¹	16000	
Weight:	kg	3.5	
Power input:	W	720 (230V-50Hz)	
Cat. No		13000151004	

BELT SANDER

PROFESSIONAL

MBS 1100 / MBS 1100E



- 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



Comes complete with: MBS 1100 – 1 sanding belt, Dust collection bag

MBS 1100E – 5 assorted sanding belts, Dust collection bag, Anti slip mat and 2 pcs. inversion clamps

TECHNICAL DATA		MBS 1100	MBS 1100E
Belt rpm:	m/min	400	200-400
Sanding area:	mm	100 x 156	100 x 156
Belt size:	mm	100 x 610	100 x 610
Weight:	kg	5.3	5.3
Power input:	W	1100 (230V-50Hz)	1200 (230V-50Hz)
Cat. No		13000141403	13000141507

ROUTER

HD PROFESSIONAL

X 85CES / X 110CES Plus

HEAVYDUTY

- 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

VACUUM CLEANER

PROFESSIONAL

VC 1431MS

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



Comes complete with: Polyester pleated filter and locking system, Dust bag 30 l, for dry vacuum cleaning, Foam filter for wet and dry vacuum cleaning, Extendable hose Ø35 mm, 2.5 m, Telescopic tube, Crevice nozzle, Air control handle, Combo brush

TECHNICAL DATA		VC 1431MS	
Max. Power:	W	1700	
Max. Power at the integrated socket:	W	2000	
Max. airflow at fan:	l/sec	30	
Max. airflow:	l/sec	57	
Max. suction force:	kPa	18	
Container volume:	l	30	
Weight:	kg	8.8	
Power input:	W	1400 (230V-50Hz)	
Cat. No		13000204513	

JIG SAW

PROFESSIONAL

FSPE 80

- 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
Cutting depth in:		
- wood	mm	80
- non-ferrous metals	mm	20
- steel	mm	5
- ceramics	mm	10
No load stroke rate:	min ⁻¹	300–3200
Bevel cutting angle:	°	0–45
Stroke length:	mm	26
Weight:	kg	1.9
Power input:	W	550 (230V~50Hz)
Cat. №		10000160601

JIG SAW

HD PROFESSIONAL

FSPE 111

HEAVY DUTY

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



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

TECHNICAL DATA		FSPE 111
Cutting depth in:		
- wood	mm	110
- non-ferrous metals	mm	20
- steel	mm	5
- ceramics	mm	10
No load stroke rate:	min ⁻¹	300–3200
Bevel cutting angle:	°	0–45
Stroke length:	mm	26
Weight:	kg	2.1
Power input:	W	580 (230V~50Hz)
Cat. №		12000162308

SABRE SAW

PROFESSIONAL

TSB 1300C / TSB 1300CE



2" Pipe holder

- 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

Comes complete with: Carry case, 2 Blades, 2 inch pipe holder

Options (TSB 1300CE): 6 inch chain pipe holder, 6 inch blade, Cat. №: 10000162158



Electronic speed pre-selection (TSB 1300CE)



6" Pipe holder



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 (230V~50Hz)	1300 (230V~50Hz)
Cat. №		10000161354	10000162154

CIRCULAR SAW

PROFESSIONAL

TK 63 / TK 85



**SPARKEYE®
LASER GUIDE**

- 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 63)
- High quality TCT blade
- Soft-grip handle
- SPARKEYE® laser cutting guide (TK 85)
- Dust extraction port

Comes complete with:

TK 63 – 36 TCT Blade, Parallel fence guide, Hex wrench

TK 85 – Carry case, 48 TCT Blade, Parallel fence guide, Hex wrench

TECHNICAL DATA		TK 63	TK 85
Cutting capacity in 90°:	mm	63	85
Cutting capacity in 45°:	mm	45	56
Blade diameter:	mm	185	235
Blade hole diameter:	mm	20	30
Teeth:		36 TCT	48 TCT
No load rpm:	min ⁻¹	4800	4500
Weight:	kg	5.6	8.0
Power input:	W	1500 (230V~50Hz)	1800 (230V~50Hz)
Cat. №		13000163007	13000162550

CIRCULAR SAW

HD PROFESSIONAL

TK 70



HEAVYDUTY

- Safety switch
- Stageless adjustment of cutting depth
- Stageless adjustment for bevel cuts at 0°–45°
- Magnesium alloy gearbox
- Guard lifting handle
- High quality TCT blade
- Soft-grip handle
- Dust extraction adapter
- Auto-stop brushes

Comes complete with:

20 TCT Blade, Parallel fence guide, Hex wrench, Dust extraction adapter

TECHNICAL DATA		TK 70
Cutting capacity in 90°:	mm	70
Cutting capacity in 45°:	mm	49
Blade diameter:	mm	200
Blade hole diameter:	mm	30
Teeth:		20 TCT
No load rpm:	min ⁻¹	5800
Weight:	kg	6.5
Power input:	W	1400 (230V~50Hz)
Cat. №		12000161005

SINGLE BEVEL MITRE SAW

PROFESSIONAL

TKN 65

- 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



**SPARKEYE®
LASER GUIDE**

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:	- 0° x 0°	mm 300 x 65
	- 45° x 0°	mm 210 x 65
	- 0° x 45°	mm 300 x 35
	- 45° x 45°	mm 210 x 35
Weight:	kg	11.6
Power input:	W	1400 (230V~50Hz)
Cat. №		13000163506

DOUBLE BEVEL MITRE SAW

PROFESSIONAL

TKN 80D

- 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
- 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



**SPARKEYE®
LASER GUIDE**

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

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

BM2 1060CE Plus / BM2 1360CE Plus

HEAVYDUTY

Constant electronics.
Current & Thermal overload protection.
Safety upon mains drop-out.
(Index CE Plus)

Variable speed control switch
with soft start

Lock-on button

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

Extended spindle length for
better working posture

Magnesium alloy
gearbox housing
and bearing shield

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

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

Auto-stop
brushes for
added motor
protection



BM 1060E

HEAVYDUTY

Comes complete with:

BM 1060E: Paddle SM 120x570, Spanner SW22

BM2 1060CE Plus: Paddles SM 120x570 and SM 121x570, Spanner SW22

BM2 1360CE Plus: Paddle SM 140x570, Spanner SW22

TECHNICAL DATA

	BM 1060E	BM2 1060CE Plus	BM2 1360CE Plus
No load rpm:	min ⁻¹ 200-750	0-530 / 0-740	0-550 / 0-770
Max. torque:	Nm 55	55	60
Journal diameter:	mm 43 / L22	43 / L22	43 / L22
Spindle thread:	M14, internal	M14, internal	M14, internal
Weight:	kg 4.8	4.6	4.9
Power input:	W 1050 (230V~50Hz)	1050 (230V~50Hz)	1260 (230V~50Hz)
Cat. №	12000200201	12000200402	12000203611

Mixing Paddles*

This stainless steel spiral paddle design is made up of three blades: two helix shaped blades and one blade crossing the two helix blades. This paddle is used with a high torque mixing machines to create a smooth mixing action that mixes and turns the material, pulling the material from bottom to the top.



Type	Size, mm / Spindle thread	Qmax	Cat. №
SM 120 x 570	Ø120 x 570, M14 outer	30 kg	20009680100
SM 140 x 570	Ø140 x 570, M14 outer	40 kg	20009680300

This propeller paddle design consists of heavy duty professional steel, making it suitable to turn and whisk large volumes of setting materials.



Type	Size, mm / Spindle thread	Qmax	Cat. №
SM 121 x 570	Ø120 x 570, M14 outer	40 kg	20009680400

This paddle is designed for high suction to prevent air accessing the mix. If air gets into your mix, then when applying the mix, air bubbles can appear and cause difficulties. The paddle is designed to turn and whisk making it most suitable for liquids.



Type	Size, mm / Spindle thread	Qmax	Cat. №
SM 100x600 E2	Ø100 x 600, M14 outer	20 kg	20009708800
SM 120x600 E3	Ø120 x 600, M14 outer	30 kg	20009708900

This design will help produce a low splash mix with the paddles producing a parallel mix action helping to blend and spread the materials used.



Type	Size, mm / Spindle thread	Qmax	Cat. №
SM 122x600	Ø120x600, M14 outer	25 kg	20009712600

*sold separately

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

Online brochure version:
<http://goo.gl/rwN8H6>



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