

SPARKY

HD PROFESSIONAL



POWER TOOLS 2018

The Power in your hands

www.sparky.eu



SPARKY GROUP

SPARKY ELTOS AD is a factory with modern automated lines and technological equipment with unique depth and integration of the production process, managed by the modern ERP system TECHNOCLASS of the Bulgarian company L-CLASS – www.techno-class.com.

All major components of power tools are manufactured in the factory, ensuring their high quality.

The technological and production capabilities include:

- Own product development center;
- Production of tooling;
- Casting of body parts of magnesium and aluminum alloys;
- Highly precise machining of magnesium and aluminum body parts;
- Automated powder coating painting line;
- Production of plastic parts;
- Production of rotary symmetrical and die-cut parts of special steels with heat treatment;
- 12 High performance automated lines for the production of electric motors with commutators;

- Assembly line for complete batteries for cordless power tools;
- 12 lines for assembly of cordless and corded power tools;
- Testing laboratory for power tools accredited according to **ISO 17025: 2006**;
- Automated logistics warehouses for materials, details, semi-finished products and finished products.

SPARKY ELTOS AD is certified according to the following standards: **ISO 9001: 2015**; **BDS EN ISO 14001: 2005**; **BS OHSAS 18001: 2007**.

The products and processes fully meet the requirements of the following **European directives: 2006/42/EC; 2014/30/EU; RoHSII 2011/65/EU; REACH regulation No. 1907/2006 (PAHs), WEEE 2012/19/EU**;

The current product range **SPARKY** has more than **200 base models and power tool modifications** that are designed to meet the highest demands of the professional users.



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BR2 12Li-C HD / BUR2 12Li-C HD / GUR 12Li-C HD

12V LI-ION

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

TWINPACKS



BR2 12Li-C HD +
GUR 12Li-C HD 1.5Ah
Cat. № 12000501251

BUR2 12Li-C HD +
GUR 12Li-C HD 2.0Ah
Cat. № 12000501153



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

TECHNICAL DATA		BR2 12Li-C HD	BUR2 12Li-C HD	GUR 12Li-C HD
Voltage / Capacity:	V / Ah	12 / 1.5	12 / 2.0	12 / 1.5
Drilling capacity in steel / wood / concrete:	mm	10 / 20 / -	10 / 20 / 10	-
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	-
Weight (including battery):	kg	0.9	1.0	1.0
Cat. №		12000196151	12000196253	12000196351
Options: 2 batteries 2.0Ah, Cat. №		12000196153	-	12000196353

18V LI-ION COMPACT DRILL DRIVER / COMBI DRILL

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 metal chuck
- LED work light
- Interchangeable battery packs
- Intelligent, fan cooled fast charger



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

TECHNICAL DATA		BR2 18Li-C HD	BUR2 18Li-C HD
Voltage / Capacity:	V / Ah	18 / 2	18 / 2
Drilling capacity in steel / wood / concrete:	mm	10 / 20 / -	10 / 20 / 10
No load rpm:	min ⁻¹	0-350 / 0-1350	0-350 / 0-1350
No load impact rate:	min ⁻¹	-	5250 / 20250
Keyless chuck:	mm	13	13
Max. Torque:	Nm	40	40
Torque settings:	pos.	20+1	20+1
Weight (including battery):	kg	1.2	1.3
Cat. №		12000195153	12000195353
Options: Bare Unit (w/o battery packs and charger), Cat. №		12000195102	12000195302

BUR2 18Li HD

HEAVYDUTY

18V LI-ION



360° Side handle for added control

All metal two-speed planetary gearbox

Hammer action

Motor brake

Single sleeve metal keyless chuck 13mm

25 torque settings plus drilling, Spindle lock, Hammer drill function

Forward/Reverse switch

Ergonomic soft-grip handle

Variable speed trigger switch with soft-grip

LED work light with switch
LED battery level indicator

Convenient belt clip (removable)



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, Side handle (BUR2 18Li HD)

TECHNICAL DATA		BUR2 18Li HD	GUR 18Li HD	GUR 18SLi HD
Voltage / Capacity:	V / Ah	18 / 4	18 / 4	18 / 4
Drilling capacity in steel / wood / concrete:		13 / 36 / 13	-	-
No load rpm:	min ⁻¹	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	13	1/4" Hex	1/2" Square drive
Max. Torque:	Nm	75	170	180
Torque settings:	pos.	25+1	-	-
Weight (including battery):	kg	2.0	1.7	1.7
Cat. №		12000193887	12000194387	12000194587
Options: Bare Unit (w/o battery packs and charger), Cat. №		12000193802	12000194302	12000194502

BPR 18Li HD
HEAVYDUTY



New

18V LI-ION

- Pneumatic hammer mechanism with optimal impact energy
- Three mode settings: Drilling, Hammer drilling and Chiseling
- SDS+ drill bit connection
- Safety clutch
- Brushless DC electric motor
- Electric motor brake
- Li-Ion battery with cell protection
- 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



Anti Vibration

Comes complete with: Carry case, Anti-vibration handle, Depth gauge, Fast charger, 2 batteries 4Ah

TECHNICAL DATA		BPR 18Li HD
Voltage / Capacity:	V / Ah	18 / 4
Drilling capacity in: concrete / steel / wood:	mm	24 / 13 / 26
No load rpm:	min ⁻¹	0-1000
No load impact rate:	min ⁻¹	0-4700
Impact energy:	J	2.3
Drill bit connection:		SDS+
Weight (including battery):	kg	3.3
Cat. №		12000195490
Option: Bare Unit (w/o battery packs and charger), Cat. №		12000195405

18V LI-ION CORDLESS ANGLE GRINDER

M 18Li HD / M 18Li E HD / M 18Li-I 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 indicator for overload and restart protection
LED battery level indicator

Anti Vibration

2-position Anti-vibration side handle

Electronics features:

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

Electronic speed pre-selection (M 18Li E HD):

2800, 4600, 6400, 8200, 10000 rpm

Comes complete with: M 18Li HD: Carry case, 125 mm Safety guard for grinding, Anti-vibration handle, Support washer, Lock nut, Lock nut spanner, Fast charger, 2 batteries 4Ah

M 18Li HD, M 18Li Inox HD: 125 mm Safety guard for grinding, Anti-vibration handle, Support washer, Lock nut, Lock nut spanner

ANGLE GRINDER FOR INOX

M 18Li-I HD



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



Improved spindle construction to avoid debris ingress



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

TECHNICAL DATA		M 18Li HD	M 18Li E HD	M 18Li-I HD
Voltage / Capacity:	V / Ah	18 / 4	18 / -	18 / -
No load rpm:	min ⁻¹	10000	2800-10000	5000
Max. disc diameter:	mm	125	125	125
Spindle thread:		M14	M14	M14
Weight (including battery):	kg	2.0	2.0	2.0
Cat. №		12000194990	-	-
Option: Bare Unit (w/o battery packs and charger), Cat. №		12000194902	12000196402	12000195702

18V CORDLESS FLAT HEAD SANDER HD PROFESSIONAL

SMA 18Li HD

HEAVYDUTY

18V LI-ION

Ultra-flat grinding head – only 15 mm



New

- For sanding and polishing hard to access and confined spaces, e.g., window shutters, slots and crevices
- Safety switch with lock on function
- Overload protection in the event of the disc being pinched or snagged
- Soft start
- Rapid disc stop
- Quick change hook & loop accessories
- Magnesium alloy gearbox housing
- LED battery level indicator

BARE UNIT

Comes complete with: Sanding attachment, Front D-handle

TECHNICAL DATA		SMA 18Li HD
Voltage:	V	18
No load rpm:	min ⁻¹	2600
Disc diameter:	mm	150
Max. operating tool diameter:	mm	150
Sanding head height:	mm	15
Weight (including battery):	kg	3.1
Cat. №		12000195502
Option: Carry case, Fast charger, 2 batteries 4Ah – Cat. №		12000195587

18V CORDLESS STRAIGHT GRINDER HD PROFESSIONAL

MKL 18Li HD

HEAVYDUTY

18V LI-ION



New

- The optimized ventilation ensures lower working temperatures of the motor providing higher performance and reliability
- Spindle housing and bearing shield made of light and strong aluminum alloy
- Soft start and restriction of starting current
- Overload protection if the wheel gets stuck
- LED battery level indicator

BARE UNIT

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

TECHNICAL DATA		MKL 18Li HD
Voltage:	V	18
No load rpm:	min ⁻¹	23000
Max. wheel diameter at 45 m/s	mm	25
Collets:	mm	Ø6 / Ø8
Journal diameter:	mm	43
Weight (including battery):	kg	2.0
Cat. №		12000195803
Option: Carry case, Fast charger, 2 batteries 4Ah – Cat. №		12000195887

12V LI-ION BATTERY PACKS

BL 1215 / BL 1220



TECHNICAL DATA	BL 1215	BL 1220
Voltage: nominal / max.	10.8V / 12V	10.8V / 12V
Capacity:	1.5Ah	2.0Ah
Cat. №	20008941000	20008941100

12V UNIVERSAL CHARGER

CH 12-3



TECHNICAL DATA	CH 12-3
Rated input:	220–240V AC, 50Hz, 48W
Rated output:	12V DC, 3.0A
Cat. №	20008940900

18V LI-ION BATTERY PACKS

BL 1820 / BL 1840



- Silver plated power terminals for better contact
- Cells air-cooling during charging

TECHNICAL DATA	BL 1820	BL 1840
Voltage:	V	18
Capacity:	Ah	4.0
Cat. №	20008940100	20008940200

18V UNIVERSAL CHARGER

CH 18-3



- Fast charge with forced air-cooling
- Overcharge protection
- Temperature control

TECHNICAL DATA	CH 18-3
Rated input:	220–240V AC, 50/60Hz, 66W
Rated output:	18V DC, 3.0A
Cat. №	20008940000

COMPACT DRILL

HD PROFESSIONAL

BR 102E



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

Comes complete with: Keyless chuck

TECHNICAL DATA BR 102E

Drilling capacity in:		
- steel	mm	10
- non-ferrous metals	mm	10
- wood	mm	20
No load rpm:	min ⁻¹	0-3000
Spindle thread:	UNF	1/2"-20
Chuck capacity:	mm	0.8-10
Weight:	kg	1.3
Power input (230V-50Hz):	W	450

Cat. № 12000012010

Option: Carry case, Cat. № 12000012060

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

Comes complete with: Keyed chuck, Side 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 (230V-50Hz):	W	600

Cat. № 12000011600

Option: Keyless chuck, Cat. № 12000011601

IMPACT DRILL

HD PROFESSIONAL

BUR 150CET

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

Comes complete with: Keyless chuck, Side 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 (230V-50Hz):	W	600

Cat. № 12000011701

Option: Keyed chuck, Cat. № 12000011700

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

Comes complete with: 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 (230V-50Hz):	W	720

Cat. № 12000022663

Option: Keyed chuck, Side handle, Cat. № 12000022600

BUR2 250E / BUR2 250CET / BU2 350 / BUR2 350E / BUR2 350CET / BUR2 355CE

HEAVYDUTY

- Electronic speed pre-selection (Index E, CET)
- Constant electronics (Index CE, CET)
- Torque control (Index CET)
- Safety restart cut-out (Index CET)
- Variable speed control switch
- Synchronised metal 2-speed gears
- Lock-on button
- Reverse (Index E, CE, CET)
- High torque
- Mechanical safety clutch
- On/Off impact mode switch
- 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 (Models 350)
- Auto-stop brushes



Comes complete with:

BUR2 250E, BUR2 250CET:

Keyed chuck, Depth gauge, Side handle

Options: Carry case, Keyless chuck,

Anti-vibration side handle,

BUR2 250E cat. № 12000021963;

BUR2 250CET cat. № 12000022063

BUR2 350, BUR2 350E: Keyed chuck, Side handle, Depth gauge

BUR2 350CET: Keyed chuck, Anti-vibration side handle, Depth gauge

BUR2 355CE: Carry case, Keyed chuck, Anti-vibration side handle, Depth gauge

TECHNICAL DATA		BUR2 250E	BUR2 250CET	BU2 350	BUR2 350E	BUR2 350CET	BUR2 355CE
Drilling capacity in:							
- concrete	mm	25 / 13	25 / 13	16 / 10	16 / 10	16 / 10	16 / 10
- steel	mm	16 / 10	16 / 10	16 / 10	16 / 10	16 / 10	16 / 10
- non-ferrous metals	mm	20 / 6	20 / 6	20 / 13	20 / 13	20 / 13	20 / 13
- wood	mm	40 / 25	40 / 25	45 / 20	45 / 20	45 / 20	45 / 20
Max. core size in masonry:	mm	–	–	–	152	–	152
No load rpm:	min ⁻¹	0–1000 / 0–2900	0–1000 / 0–2900	800 / 2000	0–800 / 0–2000	250–800 / 625–2000	0–800 / 0–2000
No load impact rate:	min ⁻¹	18000 / 52200	18000 / 52200	14400 / 36000	14400 / 36000	14400 / 36000	14400 / 36000
Torque control:	Nm	–	3–20 / 1–7	–	–	2.5–25 / 1–10	–
Max. torque:	Nm	46	46	65	65	65	65
Spindle thread:	UNF	1/2"–20	1/2"–20	1/2"–20	1/2"–20	1/2"–20	1/2"–20
Chuck capacity:	mm	1.5–13	1.5–13	3–16	3–16	3–16	3–16
Journal diameter:	mm	43	43	43	43	43	43
Max. screw in wood:	mm	Ø6, L=100	Ø6, L=100	–	Ø8, L=100	Ø8, L=100	Ø8, L=100
Weight:	kg	2.7	2.7	3.5	3.5	3.5	4.1
Power input (230V~50Hz):	W	1010	1010	1010	1010	1010	1260
Cat. №		12000021900	12000022000	12000030100	12000030302	12000030502	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



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 (230V~50Hz):	W	450	450
Cat. №		12000205300	12000205400
Option: Carry case, Cat. №		12000205350	12000205450

TAPPER MACHINE HD PROFESSIONAL

R 10E

HEAVYDUTY

- High torque, high power motor for reliable results
- 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 for convenient work
- Auto-stop brushes



Comes complete with: Depth gauge, Side 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 (230V~50Hz):	W	450
Cat. №		12000205200

BPR 240E / BPR 260E / BPR 280CE / BPR 280PQCE

HEAVYDUTY



- Three mode settings: Drilling, Hammer Drilling and Chiselling
- Pneumatic high-performance hammer mechanism
- Safety clutch
- Magnesium alloy gear box (BPR 240E, BPR 260E, BPR 280CE)
- Interchangeable SDS+ tool holder and keyless chuck (BPR 280PQCE)
- Variable speed control switch
- Constant electronics (BPR 280CE/PQCE)

- Reverse function by rotating brush holder unit
- Lock-on button
- Ergonomic soft grip handle
- Anti-vibration side handle

New



BPR 280PQCE

Anti Vibration

Comes complete with:

Carry case, Anti-vibration side handle, Depth gauge, Keyed chuck with adapter (BPR 240E, BPR 260E, BPR 280CE), Interchangeable SDS+ tool holder and keyless chuck (BPR 280PQCE)

TECHNICAL DATA		BPR 240E	BPR 260E	BPR 280CE	BPR 280PQCE
Drilling capacity in: - concrete / steel / wood:	mm	24 / 13 / 30	26 / 13 / 30	28 / 13 / 30	28 / 13 / 30
- core bits in masonry up to:	mm	68	68	68	68
No load rpm:	min ⁻¹	0-1050	0-1150	0-1000	0-1000
Rated rpm:	min ⁻¹	0-840	0-830	0-920	0-900
No load impact rate:	min ⁻¹	0-4800	0-5200	0-4700	0-4700
Rated impact rate:	min ⁻¹	0-3900	0-3850	0-4280	0-4200
Impact energy (EPTA-Procedure 05/2009):	J	2.8	3.0	3.4	3.4
Drill bit connection:		SDS+	SDS+	SDS+	SDS+
Weight:	kg	2.8	2.8	2.9	2.9
Power input (230V-50Hz):	W	720	800	1010	1010
Cat. №		12000041064	12000041264	12000041464	12000041664

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



Anti Vibration

Comes complete with:

Carry case, Anti-vibration side 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 (230V-50Hz):	W	900
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



BP 860CE

New



Comes complete with: Carry case, Anti-vibration side 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 (230V~50Hz):	W	1010	1400
Cat. №		12000050152	12000050652

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 (230V~50Hz):	W	650
Cat. №		12000060151

K 615CE / 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

12 position chisel adjustment

Constant electronics with impact rate preselection

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

Lock-on switch with Lock-off button

Auto-stop brushes



▪ Chisel position lock

▪ LED overload indicator
▪ LED 8 hour brush wear out indicator

▪ Anti-vibration system



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 (230V-50Hz):	W	1300	1400
Cat. №		12000060752	12000060952

STRAIGHT GRINDER

MKL 550E / MKL 800CES Plus

HEAVYDUTY

Ergonomically designed slimmer motor housing

▪ Coated rotor and stator for added dust protection ensuring reliable operation in heavy dust environments
▪ The optimized ventilation ensures lower working temperatures of the motor providing higher performance and reliability

Electronic speed pre-selection

MKL 550E

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

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

MKL 800CES Plus

Electronics features: (MKL 800CES Plus)

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

TECHNICAL DATA

		MKL 550E	MKL 800CES Plus
No load rpm:	min ⁻¹	10000–30000	7000–28000
Max. wheel diameter at 45 m/s	mm	25	25
Collets:	mm	Ø6 / Ø8	Ø6 / Ø8
Journal diameter:	mm	43	43
Weight:	kg	1.6	1.8
Power input (230V-50Hz):	W	550	800
Cat. №		12000100902	12000100602

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

STRAIGHT GRINDER

PROFESSIONAL

MK 550E



- Electronic speed pre-selection
- Light and compact tool for one hand operation
- Possibility for stationary use with Ø43 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 (230V~50Hz):	W	550
Cat. №		10000100101

SMALL ANGLE GRINDER

HD PROFESSIONAL

M 750 HD Compact / M 750E HD Compact

HEAVYDUTY

New



- 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
- Tool-free, Non-burst, anti-rotation safety guard
- Safety switch with lock on function and safety restart cut-out
- 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 (230V~50Hz):	W	750	750
Cat. №		12000073111	12000073211

SMALL ANGLE GRINDER

HD PROFESSIONAL

M 850 HD / M 850E HD / M 1200 HD / M 1400CES Plus HD

HEAVYDUTY

Anti Vibration



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

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



New

SM 1470CES Plus HD

ANGLE GRINDER FOR INOX

- Dust protection for an extended tool life due to improved spindle construction and coated rotor and stator
- High performance motor
- Electronic speed pre-selection (Index E)
- Improved motor cooling for added tool protection
- Magnesium alloy gearbox housing
- Spindle lock button for disc replacement
- Tool-free, Non-burst, anti-rotation safety guard
- Safety switch with lock on function and safety restart cut-out
- Auto-stop brushes
- **M 1400CES Plus HD / SM 1470CES Plus HD additional features:**
 - Soft start with restriction of starting current
 - Constant electronics to maintain constant speed under load
 - Overload safety cut-out in the event of the disc being pinched or snagged
 - Thermal overload protection

- 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

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	M 1200 HD	M 1400CES Plus HD	SM 1470CES Plus HD
Disc diameter:	mm	125	125	125	125	125
No load rpm:	min ⁻¹	10000	3000–10000	10500	2700–10500	2000–7000
Spindle thread:		M14	M14	M14	M14	M14
Weight:	kg	2.2	2.3	2.4	2.4	2.4
Power input (230V~50Hz):	W	850	850	1200	1400	1400
Cat. №		12000070512	12000070612	12000071112	12000071912	12000221910

SMALL ANGLE GRINDER

M 1400CES Plus A HD

HEAVYDUTY

ANTI-VIBRATION BACK HANDLE

- Dust protection for an extended tool life due to improved spindle construction and coated rotor and stator
- High performance motor
- Electronic speed pre-selection
- Soft start with restriction of starting current
- Constant electronics to maintain constant speed under load
- Safety restart cut-out
- Overload safety cut-out in the event of the disc being pinched or snagged
- Thermal overload protection
- Improved motor cooling for added tool protection
- Magnesium alloy gearbox housing
- Spindle lock button for disc replacement
- Tool-free, Non-burst, anti-rotation safety guard
- Safety switch with lock on function
- Auto-stop brushes



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



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

Anti Vibration

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



TECHNICAL DATA		M 1400CES Plus A HD	
Disc diameter:	mm	125	
No load rpm:	min ⁻¹	2700-10500	
Spindle thread:		M14	
Weight:	kg	2.4	
Power input (230V-50Hz):	W	1400	
Cat. №		12000072312	

LARGE ANGLE GRINDER

HD PROFESSIONAL

MBA 2000P HD / MBA 2200P HD

HEAVYDUTY



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

- 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
- Magnesium alloy gearbox housing
- Tool-free, Non-burst, anti-rotation safety guard
- Safety switch to prevent accidental switching on, Lock-on function
- Spindle lock button for disc replacement
- Auto-stop brushes



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

TECHNICAL DATA		MBA 2000P HD	MBA 2200P HD
Disc diameter:	mm	230	230
No load rpm:	min ⁻¹	6600	6600
Spindle thread:		M14	M14
Weight:	kg	5.6	5.5
Power input (230V-50Hz):	W	2000	2200
Cat. №		12000092612	12000093812
Option: Carry case, Cat. №		-	12000093867

MBA 2400PA HD / MBA 2600PA HD

HEAVYDUTY

ANTI-VIBRATION BACK HANDLE

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

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

High performance, high efficiency motor with optimised cooling and ventilation

Auto-stop brushes

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 (Index PA) with soft grip

Dust sealed spindle and bearings

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

Anti-vibration Side handle

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

TECHNICAL DATA		MBA 2400PA HD	MBA 2600PA HD
Disc diameter:	mm	230	230
No load rpm:	min ⁻¹	6600	6600
Spindle thread:		M14	M14
Weight:	kg	6.5	6.5
Power input (230V~50Hz):	W	2400	2600
Cat. №		12000095712	12000095912
Option: Carry case, Cat. №		12000095767	12000095967

TOOL-FREE, NON-BURST, ANTI-ROTATION SAFETY GUARDS*

FOR GRINDING ▶



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

FOR CUTTING ▶



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

*sold separately

FB 514 / FB 514P

HEAVYDUTY



- Perfect for grinding, planing and finishing of concrete, stone and mortar
- Removing of screed seams, residual, plaster and coatings
- Preparing of surfaces e.g. for tile renovation
- Powerful reliable motor with improved ventilation
- Safety guard with pivoting front segment to allow grinding right up to the wall (FB 514P)
- Adjustable closed front handle
- Efficient dust extraction in connection with suitable vacuum cleaner
- Soft start with restriction of starting current
- Safety restart cut-out
- Safety switch to prevent accidental switching on. Lock-on function
- Thermal overload protection
- 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 514P), Closed front handle with 2 bolts and washers, Support washer, Lock nut, Lock nut spanner

TECHNICAL DATA		FB 514	FB 514P
Wheel diameter:	mm	127 (5")	127 (5")
No load rpm:	min ⁻¹	10500	10500
Spindle thread:		M14	M14
Weight:	kg	3.1	2.7
Power input (230V~50Hz):	W	1400	1400
Cat. No		12000130952	12000131252

WALL CHASER

FK 3014 / FK 6526



Anti Vibration



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

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 (230V~50Hz):	W	1400	2600
Cat. No		12000121103	12000120704
Option: Carry case, Cat. No		12000121153	-

CONCRETE GRINDER

HD PROFESSIONAL

FB 726

HEAVYDUTY



- Perfect for grinding, planing and finishing of concrete, stone and mortar
- Optimised cooling and ventilation
- 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
- 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

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 726
Wheel diameter:	mm	177.8 (7")
No load rpm:	min ⁻¹	6500
Spindle thread:		M14
Weight:	kg	6.9
Power input (230V~50Hz):	W	2600
Cat. №		12000130854

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

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 (230V~50Hz):	W	1200
Cat. №		12000110402
Option: Anti-vibration side handle, Cat. №		12000110411

POLISHER / SANDER

HD PROFESSIONAL

SM 1433CES Plus A



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
- Soft grip rear handle
- Magnesium alloy gearbox housing
- Spindle lock button for disc replacement
- Autostop-brushes



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

TECHNICAL DATA		SM 1433CES Plus A
Flexible backing pad, max.:	mm	150
No load rpm:	min ⁻¹	700-3300
Spindle thread:		M14
Weight:	kg	2.4
Power input (230V~50Hz):	W	1400
Cat. №		12000222014
Option: Anti-vibration side handle, Cat. №		12000222015

BURNISHING MACHINE

HD PROFESSIONAL

SMD 1236CES Plus



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
- Anti-vibration side handle
- Magnesium alloy gearbox housing
- Spindle lock button for tool replacement
- Auto-stop brushes



Comes complete with: Flap wheel Ø100x100 mm, 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 (230V~50Hz):	W	1200
Cat. №		12000206518

FLAT HEAD SANDER

HD PROFESSIONAL

SMA 728E

HEAVY DUTY

New



Ultra-flat sanding head – only 15 mm

- 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
- Safety restart cut-out
- Autostop-brushes



Comes complete with: Sanding attachment, Front D-handle

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

BELT SANDER

PROFESSIONAL

MBS 976 / MBS 976E



- 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

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 (230V-50Hz):	W	900	900
Cat. №		13000140703	13000140850

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 (230V-50Hz):	W	1100	1200
Cat. №		13000141403	13000141507

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

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 (230V-50Hz):	W	320
Cat. №		13000140104

RANDOM ORBIT SANDER

PROFESSIONAL

EX 150CE



- Electronic speed pre-selection
- Constant electronics
- Variable speed control switch
- Lock on button
- Aluminium alloy base with integral dust extraction
- Adjustable front handle
- Ergonomic soft-grip handle
- Random orbit action plus rotation for fast and smooth finishing

Comes complete with: Carry case, Sanding sheet, Dust collection bag, Dust extraction adapter

TECHNICAL DATA		EX 150CE
Pad size:	mm	150
No load rpm:	min ⁻¹	4000–10000
Eccentricity:	mm	2.5
Weight:	kg	2.2
Power input (230V~50Hz):	W	550
Cat. №		13000141353

1/4 SHEET SANDER

PROFESSIONAL

MP 250



- 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

Sanding sheet hole punch

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 (230V~50Hz):	W	250
Cat. №		13000140904

1/2 SHEET SANDER

PROFESSIONAL

MP 450E



- 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



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

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 (230V~50Hz):	W	450
Cat. №		13000141004

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 (230V~50Hz):	W	720
Cat. №		13000151004

PLANER

PROFESSIONAL

P 382 / P 3110

- 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
- 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



Comes complete with:

P 382: Carry case, Parallel fence guide, Replacement blades, Replacement belt, Dust extraction adapter, Dust collection bag; **P 3110:** Parallel fence guide, Wrench, Dust extraction adapter

TECHNICAL DATA		P 382	P 3110
Planning depth:	mm	0.1–3	0–3
Planning width:	mm	82	110
No load rpm:	min ⁻¹	18000	16000
Weight:	kg	3.0	4.5
Power input (230V~50Hz):	W	750	1000
Cat. №		13000150850	13000151205

Bi-directional dust/shavings extraction with dust bag



JIG SAW

PROFESSIONAL

TH 65 / TH 65E / TH 70E

- 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)



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 / non-ferrous metals	mm	65 / 14	65 / 14	70 / 18
- steel / ceramics	mm	6 / 8	6 / 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 (230V~50Hz):	W	550	550	600
Cat. №		13000160307	13000160407	13000160555

HEAT GUN

PROFESSIONAL

HAG 1600 / HAG 2000E / HAG 2000ED

- For dust-free removing of paint and surface treatments
- For crimping cable ends
- For drying fresh varnished coats
- Ergonomic soft-grip handle
- Two air flow settings (HAG 1600)
- Three air flow settings (HAG 2000E/2000ED)
- Variable temperature control (HAG 2000E)
- Temperature control buttons and LCD display (HAG 2000ED)



Comes complete with: Reduction nozzle, Glass protection nozzle, Reflector nozzle, Flat nozzle, Triangular scraper, Carry case (HAG 2000ED)

TECHNICAL DATA		HAG 1600	HAG 2000E	HAG 2000ED
Air flow:	l/min	I: 350 / II: 500	I: 300 / II: 300 / III: 500	I: 300 / II: 300 / III: 500
Heat setting at the nozzle:	°C	I: 60 / II: 550	I: 60 / II: 60–550 / III: 60–550	I: 50 / II: 70–600 / III: 70–600
Weight:	kg	0.85	0.76	0.76
Power input (230V~50Hz):	W	1600	2000	2000
Cat. №		13000206700	13000206800	13000206954

FSPE 110

HEAVYDUTY

- Electronic speed pre-selection
- 3 position pendulum action
- 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
- Integrated wrench holder
- Dust extraction adapter
- Auto-stop brushes



Comes complete with: Hex wrench, Dust extraction adapter

TECHNICAL DATA		FSPE 110
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	1.9
Power input (230V~50Hz):	W	580
Cat. №		12000162208
Option: Carry case, Cat. №		12000162262

FSPE 111

HEAVYDUTY

- 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: 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 (230V~50Hz):	W	580
Cat. №		12000162308
Option: Carry case, Cat. №		12000162362

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



Electronic speed pre-selection (TSB 1300CE)



TSB 1300CE 6" Pipe holder
Cat. № 10000162158



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 (230V~50Hz):	W	1300	1300
Cat. №		10000161354	10000162154
Option: 6 inch chain pipe holder, 6 inch blade – Cat. №		–	10000162158

TV 1835 / TV 2040 / TV 2245

- 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



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
Weight:	kg	4.2	4.4	4.4
Power input (230V~50Hz):	W	1800	2000	2200
Cat. №		13000163209	13000163310	13000163411

CIRCULAR SAW

PROFESSIONAL

TK 65 / TK 85



SPARKEYE® LASER GUIDE

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
- Aluminium diecast guard
- Guard lifting handle
- High quality TCT blade
- Soft-grip handle
- SPARKEYE® laser cutting guide
- Live tool indicator when plugged into the power supply
- Dust extraction port

Comes complete with:

TK 65 – 24 TCT Blade, Parallel fence guide, Hex wrench
TK 85 – 40 TCT Blade, Parallel fence guide, Hex wrench

TECHNICAL DATA		TK 65	TK 85
Cutting capacity in 90°:	mm	65	85
Cutting capacity in 45°:	mm	43	56
Blade diameter:	mm	185	235
Blade hole diameter:	mm	20	30
Teeth:		24 TCT	40 TCT
No load rpm:	min ⁻¹	5800	5000
Weight:	kg	5.0	7.0
Power input (230V~50Hz):	W	1500	2000
Cat. №		14000163512	14000163612

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 (230V~50Hz):	W	1400
Cat. №		12000161005

ROUTER

HD PROFESSIONAL

X 85CES Plus / 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 (230V~50Hz):	W	850	1100
Cat. №		12000151302	12000151402

VACUUM CLEANER

VC 1221

- 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 spilled liquids
- Cable storage
- Accessory storage area
- Including assorted accessories



Comes complete with: Polyester pleated filter and locking system, Dry filter, Dust bag 20 l, for dry vacuum cleaning, Foam filter for wet vacuum cleaning, Extendable hose Ø35 mm, 1.5 m, Plastic tube set, Crevice nozzle, Floor nozzle

TECHNICAL DATA		VC 1221
Max. Power:	W	1500
Max. airflow at fan:	l/sec	27
Max. airflow:	l/sec	55
Max. suction force:	kPa	18
Container volume:	l	20
Weight:	kg	4.5
Power input (230V~50Hz):	W	1250
Cat. №		13000204312

VACUUM CLEANER

PROFESSIONAL

VC 1321MS

- Integrated power take off socket with automatic start/stop
- 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 spilled liquids
- Water release valve for tank discharge
- Cable storage
- Accessory storage area
- Including assorted accessories



Comes complete with: Polyester pleated filter and locking system, Dry filter, Dust bag 20 l, for dry vacuum cleaning, Foam filter for wet vacuum cleaning, Extendable hose Ø35 mm, 1.5 m, Plastic tube set, Crevice nozzle, Floor nozzle

TECHNICAL DATA		VC 1321MS
Max. Power:	W	1500
Max. Power at the integrated socket:	W	2000
Max. airflow at fan:	l/sec	27
Max. airflow:	l/sec	55
Max. suction force:	kPa	18
Container volume:	l	20
Weight:	kg	7
Power input (230V~50Hz):	W	1250
Cat. №		13000204412

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 spilled 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 vacuum cleaning, Extendable hose Ø36 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 (230V~50Hz):	W	1400
Cat. №		13000204513

HEAVYDUTY

BM 1060E
BM2 1060CE Plus
BM2 1360CE Plus
BM2 1380CE Plus

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

Variable speed control switch with soft start (BM2 1060CE Plus, BM2 1360CE Plus, BM2 1380CE Plus)

Lock-on button

High torque

Auto-stop brushes

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

Synchronized 2-speed gearbox for wider spectrum of mixing applications (BM2 1060CE Plus, BM2 1360CE Plus, BM2 1380CE Plus)

Magnesium alloy gearbox housing and bearing shield



Comes complete with:
BM 1060E, BM2 1060CE Plus:
 Paddle SM 120x570, Spanner SW22
BM2 1360CE Plus, BM2 1380CE Plus:
 Paddle SM 140x570, Spanner SW22

New



New improved gearbox with higher maximum torque (BM2 1380CE Plus)



TECHNICAL DATA		BM 1060E	BM2 1060CE Plus	BM2 1360CE Plus	BM2 1380CE Plus
No load rpm:	min ⁻¹	200–750	0–530 / 0–740	0–550 / 0–770	85–300 / 150–520
Max. torque:	Nm	55	55	60	60
Journal diameter:	mm	43 / L22	43 / L22	43 / L22	43 / L25
Spindle thread:		M14, internal	M14, internal	M14, internal	M14, internal
Weight:	kg	4.8	4.6	4.9	5.1
Power input (230V~50Hz):	W	1050	1050	1260	1260
Cat. №		12000200201	12000200402	12000203611	12000205611

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 120x570S	Ø120 x 570 / S12 HEX shaft	30 kg	20009680200
SM 140 x 570	Ø140 x 570 / M14 outer	40 kg	20009680300

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 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 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.



SPARKY Power Tools GmbH
 20, Leipziger Str.
 10117 Berlin, Germany
 Tel.: +49 30 203916-0
 Fax: +49 30 20391666
 e-mail: powertools@sparkygroup.com

SPARKY ELTOS AD, Sofia Branch
 18, Parva Balgarska armia, Str.
 1220 Sofia, Bulgaria
 Tel.: +359 2 9320500
 Fax: +359 2 9320510
 e-mail: sparky_s_bg@sparkygroup.com

www.sparky.eu