

# CORDLESS TOOLS

SCREWDRIVER

DRILL-SCREWDRIVER

18V UNIVERSAL POWER PLATFORM

- IMPACT WRENCH / ROTARY HAMMER / JIG SAW
- ANGLE GRINDER / POLISHER / STRAIGHT GRINDER
- RIVETER / CIRCULAR SAW / RECIPROCATING SAW
- SCISSORS / BRUSH SANDER / BELT SANDER
- ORBITAL SANDER / GLUE GUN / FLASHLIGHT
- PRUNING SHEARS / CHAIN SAW / GRASS TRIMMER
- FLOW BLOWER / LAWN MOWER



SCREWDRIVER

SCREWDRIVER

**F14010**

3,6V 1500mAh

**F14010B**

3,6V 1500mAh

Blister + 7 pcs accessories



BMC + 40 pcs accessories



Voltage	3,6 V
No-load speed	0-210 r/min
Chuck torque settings	15+1
Max. torque	7 N.m
Bit holder	1/4" internal hexagon

Voltage	3,6 V
No-load speed	0-210 r/min
Chuck torque settings	15+1
Max. torque	7 N.m
Bit holder	1/4" internal hexagon

DRILL-SCREWDRIVER

**PROMO**

**FAST CHARGER  
IN 1 HOUR**

**SPINDLE  
LOCK**



**F11110**

12V 1500mAh



**F11210**

14,4V 1500mAh



**F11310**

18V 1500mAh



**F11202**

12V 1500mAh

Voltage	12 V	14,4 V	18 V	12 V
No-load speed	0-400/0-1400 r/min	0-400/0-1400 r/min	0-400/0-1400 r/min	0-400/0-1400 r/min
Chuck torque settings	18+1	18+1	18+1	18+1
Max. torque	30 N.m	32 N.m	35 N.m	30 N.m
Keyless chuck	0,8-10 mm	0,8-10 mm	0,8-10 mm	0,8-10 mm

DRILL-SCREWDRIVER

COMMUTATOR MOTOR (STANDARD)

A. 2 battery packs 1,5Ah

B. 2 battery packs 2,0Ah

SPINDLE LOCK



**F16002**

12V 1,5Ah/2,0Ah



**F16004**

14,4V 1,5Ah/2,0Ah



**P16008**

18V 1,5Ah/2,0Ah



**P16009**

18V 1,5Ah/2,0Ah

WITH IMPACT FUNCTION

Voltage	12 V	14,4 V	18 V	18 V
No-load speed	0-400/0-1400 r/min	0-400/0-1400 r/min	0-400/0-1400 r/min	0-400/0-1400 r/min
Chuck torque settings	18+1	18+1	18+1	18+2
Max. torque	30 N.m	32 N.m	35 N.m	35 N.m
Keyless chuck	0,8-10 mm	0,8-10 mm	0,8-10 mm	0,8-10 mm ,with lock system

DRILL-SCREWDRIVER

COMMUTATOR MOTOR (PROFESSIONAL)

POWERFUL MOTOR AND GEARBOX

SPINDLE LOCK

FAST CHARGER IN 1 HOUR

2 BEARINGS ON THE OUTPUT SHAFT



**F12211**

12V 2000mAh



**F12210**

14,4V 2000mAh



**P52510**

18V 2000mAh



**P12215**

18V 2000mAh

WITH IMPACT FUNCTION

Voltage	12 V	14,4 V	18 V	18 V
No-load speed	0-400/0-1400 r/min	0-400/0-1400 r/min	0-400/0-1400 r/min	0-400/0-1400 r/min
Chuck torque settings	20+1	20+1	20+1	20+2
Max. torque	35 N.m	38 N.m	40 N.m	40 N.m
Keyless chuck	0,8-13 mm	0,8-13 mm	0,8-13 mm	0,8-13 mm ,with lock system

DRILL-SCREWDRIVER

BRUSHLESS MOTOR (STANDARD)

A. 2 battery packs 1,5Ah

B. 2 battery packs 2,0Ah

BRUSHLESS

SPINDLE LOCK



**F17002**

12V 1,5Ah/2,0Ah



**F17004**

14,4V 1,5Ah/2,0Ah



**P17008**

18V 1,5Ah/2,0Ah



**P17009**

18V 1,5Ah/2,0Ah

WITH IMPACT FUNCTION

Voltage	12 V	14,4 V	18 V	18 V
No-load speed	0-400/0-1400 r/min	0-400/0-1400 r/min	0-400/0-1400 r/min	0-400/0-1400 r/min
Chuck torque settings	17+1	17+1	17+1	17+2
Max. torque	35 N.m	38 N.m	40 N.m	40 N.m
Keyless chuck	0,8-10 mm	0,8-10 mm	0,8-10 mm	0,8-10 mm ,with lock system

DRILL-SCREWDRIVER

**BRUSHLESS MOTOR (PROFESSIONAL)**

FAST CHARGER  
IN 1 HOUR

SPINDLE  
LOCK

**BRUSHLESS**



WITH IMPACT  
FUNCTION

**P52010**

18V 4000mAh

**METAL GEARBOX**



A. All metal gearbox  
B. Partial metal gearbox

**P15008**

18V 4000mAh

**METAL GEARBOX**



WITH IMPACT  
FUNCTION

**P15009**

18V 4000mAh

Voltage	18 V	18 V	18 V
No-load speed	0-420/0-1600 r/min	0-420/0-1600 r/min	0-420/0-1600 r/min
Chuck torque settings	22+2	22+1	22+2
Max. torque	60 N.m	60 N.m	60 N.m
Keyless chuck	1,0-13 mm ,with lock system	1,0-13 mm ,with lock system	1,0-13 mm ,with lock system

BATTERY PACK

- 12V Li-ion 1,5Ah
- 12V Li-ion 2,0Ah
- 12V Li-ion 4,0Ah
- 14,4V Li-ion 1,5Ah
- 14,4V Li-ion 2,0Ah

CHARGER

- 200-240V ~ 50/60Hz 26W  
◀● 12V = 1,5A
- 200-240V ~ 50/60Hz 32W  
◀● 14V = 1,5A

**P58010**

- 18V Li-ion 1,5Ah
- 18V Li-ion 2,0Ah

**P59210**

- 200-240V ~ 50/60Hz 42W  
◀● 18V = 1,5A

**P58110**

- 18V Li-ion 3,0Ah

**P58210**

- 18V Li-ion 4,0Ah

**P59010**



- 200-240 V ~ 50/60Hz 55 W
- ◀● 18 V = 2,2A

**P58210**

- 18V Li-ion 4,0Ah  
**SAMSUNG**

**P58310**

- 18V Li-ion 5,0Ah

**P59110**



- 200-240 V ~ 50/60Hz 95 W
- ◀● 18 V = 4,0A

**IMPACT WRENCH**
**P52013**
**BRUSHLESS**


Voltage	18 V
No-load speed	0-2300 r/min
Max. torque	320 N. m
Bit holder	1/2" external square

**ROTARY HAMMER**
**P52210**
**BRUSHLESS**


Voltage	18 V
No-load speed	0-1100 r/min
Impact energy	2,2J
Function	3 mode
Max. Drilling capacity(concrete)	22 mm

**JIG SAW**
**P52012**


Voltage	18 V
Stroke rate	0-2500 spm
Stroke length	20 mm
Cutting depth in wood	65 mm

**ANGLE GRINDER**
**P52011**
**BRUSHLESS**


Voltage	18 V
No-load speed	3000-8500 r/min
Max. wheel diameter	125 mm
Spindle thread	M14

**POLISHER**
**P52211**
**BRUSHLESS**


Voltage	18 V
No-load speed	400-2200 r/min
Max. wheel diameter	180 mm
Spindle thread	M14

**STRAIGHT GRINDER**
**P52111**
**BRUSHLESS**


Voltage	18 V
No-load speed	8000-26000 r/min
Bit holder	6 mm

**RIVETER**
**P52110**
**BRUSHLESS**


Voltage	18 V
Pulling force	10000 N
Stroke length	21 mm
Rivet size	2,4-6,4 mm

**CIRCULAR SAW**
**P52112**
**BRUSHLESS**


Voltage	18 V
No-load speed	5000 r/min
Blade diameter	165 mm
Max. cutting depth	55mm at 90° / 39,5 mm at 45°

**CIRCULAR SAW**
**P52113**


Voltage	18 V
No-load speed	5500 r/min
Blade diameter	165 mm
Max. cutting depth	54mm at 90°

**RECIPROCATING SAW**
**P52246**
**BRUSHLESS**


Voltage	18 V
No-load speed	0-3000 s/min
Stroke length	28 mm
Max. cutting capacity	150 mm(6")

**RECIPROCATING SAW**
**P52247**


Voltage	18 V
No-load speed	0-3000 s/min
Stroke length	22 mm
Max. cutting capacity	100 mm

**SCISSORS**
**P52710**


Voltage	18 V
No-load speed	0-400/0-1400 r/min
Max. cutting depth	0-1,2 mm

**BRUSH SANDER**

**P52311**

**BRUSHLESS**



Voltage	18 V
No-load speed	400-2200 r/min
Wheel size	Ø110x100x19 mm

**BELT SANDER**

**P52548**

**BRUSHLESS**



Voltage	18 V
Belt size	13x457 mm

**ORBITAL SANDER**

**P52547**



Voltage	18 V
No-load speed	6000-12000 r/min
Size of cushion	Ø125 mm
Diameter of orbit	2 mm

**GLUE GUN**

**P52410**



Voltage	18 V
Speed	3-10 m/s
Max. force	150 kg
Max. volume	310 ml

**FLASHLIGHT**

**P52610**



Voltage	14,4/18 V
Bulb type	LED

**PRUNING SHEARS**

**P52810**

**BRUSHLESS**



Voltage	18 V
Max. diameter of branch	30 mm

**CHAIN SAW**

**P52256**

**BRUSHLESS**



Voltage	18 V
Chain speed	10 m/s
Guide bar length	10"

**CHAIN SAW**

**P52257**



Voltage	18V+18V
Chain speed	8,5 m/s
Guide bar length	14"

**GRASS TRIMMER**

**P52618**

**BRUSHLESS**



Voltage	18 V
Cutting length	340mm
No load speed	5800 r/min
Nylon line dia.	2mm (20sets)

**FLOW BLOWER**

**P52637**

**BRUSHLESS**



Voltage	18V+18V
Air speed	83-130 km/h
Air volume	5.8-9.3m <sup>3</sup> /min

**LAWN MOWER**

**P52629**

**BRUSHLESS**



Voltage	18V+18V
Cutting width	400 mm
No-load speed	3500 r/min
Working height	25-75mm(6 levels)
Grass collection	50L

# HAMMERING AND DRILLING TOOLS

- ROTARY HAMMER
- DEMOLITION HAMMER
- IMPACT DRILL
- DRILL-SCREWDRIVER
- IMPACT WRENCH
- DRILL
- BENCH DRILL

# 2



ROTARY HAMMER

ROTARY HAMMER

**F96027**

24mm 780W

**SDS-PLUS  
3 FUNCTIONS**

ROTATING BRUSH PLATE

SWITCH WITH FORWARD AND BACKWARD CONTROL



Rated power input	780 W
No-load speed	0-1100 r/min
Impact energy	2,7 J
Drilling dia. in concrete	24 mm
Net Weight	2,4 kg

**F96127**

26mm 800W

**SDS-PLUS  
3 FUNCTIONS**

ROTATING BRUSH PLATE

SWITCH WITH FORWARD AND BACKWARD CONTROL



Rated power input	800 W
No-load speed	0-1100 r/min
Impact energy	3,0 J
Drilling dia. in concrete	26 mm
Net Weight	2,9 kg

ROTARY HAMMER

ROTARY HAMMER

**F96155**

28mm 850W

**SDS-PLUS  
3 FUNCTIONS**

ROTATING BRUSH PLATE

METAL GEAR HOUSING

SWITCH WITH FORWARD AND BACKWARD CONTROL



Rated power input	850 W
No-load speed	0-1100 r/min
Impact energy	3,2 J
Drilling dia. in concrete	28 mm
Net Weight	3,1 kg

**F96124**

26mm 800W

**SDS-PLUS  
3 FUNCTIONS**

ROTATING BRUSH PLATE

LOCK-ON VARIABLE SPEED SWITCH WITH FORWARD AND BACKWARD CONTROL



Rated power input	800 W
No-load speed	0-1250 r/min
Impact energy	3,0 J
Drilling dia. in concrete	26 mm
Net Weight	2,9 kg

## ROTARY HAMMER

**F96224**

30mm 900W

ROTATING BRUSH PLATE

METAL GEAR HOUSING

LOCK-ON VARIABLE SPEED SWITCH  
WITH FORWARD AND BACKWARD CONTROL**SDS-PLUS  
3 FUNCTIONS**

Rated power input	900 W
No-load speed	0-1050 r/min
Impact energy	3,3 J
Drilling dia. in concrete	30 mm
Net Weight	3,3 kg

## ROTARY HAMMER

**F96324**

32mm 1050W

**SDS-PLUS**

VARIABLE SPEED



Rated power input	1050 W
No-load speed	0-820 r/min
Impact energy	5 J
Drilling dia. in concrete	32 mm
Net Weight	4,7 kg

## ROTARY HAMMER

**F96034**

40mm 1050W

**SDS-MAX**

VARIABLE SPEED



Rated power input	1050 W
No-load speed	0-480 r/min
Impact energy	2-10 J
Drilling dia. in concrete	40 mm
Net Weight	6 kg

## ROTARY HAMMER

**F96424**

40mm 1100W

**SDS-MAX**

VARIABLE SPEED



Rated power input	1100 W
No-load speed	230-550 r/min
Impact energy	2-10 J
Drilling dia. in concrete	40 mm
Net Weight	6,2 kg

## DEMOLITION HAMMER

**F97169**

40J 1500W

**SDS-MAX**

VARIABLE SPEED



Rated power input	1500 W
Impact frequency	900-2000 bpm
Impact energy	40 J
Net Weight	11 kg

## DEMOLITION HAMMER

**F97198**

60J 2000W

GREASE BREAKER

**HEX-30**

Rated power input	2000 W
Impact frequency	2000 bpm
Impact energy	60 J
Net Weight	18 kg

## IMPACT DRILL

**F91580****13mm 580W**

Rated power input	580 W
No-load speed	0-2600 r/min
Chuck	13 mm
Drilling diameter in steel/concrete/wood	13/12/20 mm

## IMPACT DRILL

**F91650****13mm 650W**

Rated power input	650 W
No-load speed	0-2600 r/min
Chuck	13 mm
Drilling diameter in steel/concrete/wood	13/14/22 mm

## IMPACT DRILL

**F91025****13mm 780W**

Rated power input	780 W
No-load speed	0-2800 r/min
Chuck	13 mm
Drilling diameter in steel/concrete/wood	13/15/30 mm

## IMPACT DRILL

**F91199****13mm 800W**

Rated power input	800 W
No-load speed	0-2800 r/min
Chuck	13 mm
Drilling diameter in steel/concrete/wood	13/15/30 mm

## IMPACT DRILL

**F91199B****13mm 800W**

Rated power input	800 W
No-load speed	0-2800 r/min
Chuck	13 mm
Drilling diameter in steel/concrete/wood	13/15/30 mm

**KEYLESS CHUCK**

## IMPACT DRILL

**F91223****13mm 750W**

Rated power input	750 W
No-load speed	0-3200 r/min
Chuck	13 mm
Drilling diameter in steel/concrete/wood	13/18/32 mm

**METAL GEAR HOUSING**

## IMPACT DRILL

**F91850****13mm 850W**

Rated power input	850 W
No-load speed	0-3200 r/min
Chuck	13 mm
Drilling diameter in steel/concrete/wood	13/18/35 mm

**METAL GEAR HOUSING**

## IMPACT DRILL

**F91423****13mm 1050W**

Rated power input	1050 W
No-load speed	0-1100/0-3000 r/min
Chuck	13 mm
Drilling diameter in steel/concrete/wood	16/20/40 mm

**2-SPEED  
GEARBOX****METAL GEAR HOUSING**



**DRILL-SCREWDRIVER**
**F90010**
**260W 38N.m**


ADJUSTABLE TORQUE

Rated power input	260 W
No-load speed	0-800 r/min
Chuck torque settings	20+1
Drilling dia. in steel/wood	10/20 mm
Max. torque	38 N.m

**DRILL-SCREWDRIVER**
**F90110**
**260W 38N.m**
**2-SPEED GEARBOX**


ADJUSTABLE TORQUE

Rated power input	260 W
No-load speed	0-450/0-1800 r/min
Chuck torque settings	20+1
Drilling dia. in steel/wood	10/25 mm
Max. torque	38 N.m

**DRILL-SCREWDRIVER**
**F90210**
**320W 42N.m**
**2-SPEED GEARBOX**


ADJUSTABLE TORQUE

Rated power input	320 W
No-load speed	0-450/0-1800 r/min
Chuck torque settings	20+1
Drilling dia. in steel/wood	10/28 mm
Max. torque	42 N.m

**DRILL-SCREWDRIVER**
**F90215**
**350W 42N.m**
**2-SPEED GEARBOX**


- \* ADJUSTABLE TORQUE
- \* KEYLESS CHUCK WITH LOCK SYSTEM
- \* POWER CABLE LENGTH - 5M
- \* SPINDLE LOCK

Rated power input	350 W
No-load speed	0-450/0-1800 r/min
Chuck torque settings	20+1
Drilling dia. in steel/wood	10/28 mm
Max. torque	42 N.m

**IMPACT WRENCH**
**F93030**
**350N.m 900W**


Rated power input	900 W
No-load speed	2300 r/min
Max. torque	350 N.m

**DRILL**
**F90026**
**16mm 1050W**

- A. Drill  
B. Drill + mixing paddle

**LOW ROTATION SPEED AND HIGH TORQUE**


Rated power input	1050 W
No-load speed	550 r/min
Chuck	16 mm
Drilling dia. in steel/wood	16/35 mm

DRILL

**F90025**

10mm 350W



Rated power input	350 W
No-load speed	0-3000 r/min
Chuck	10 mm
Drilling dia.in steel/wood	10/20 mm

DRILL

**F90023**

10mm 540W



Rated power input	540 W
No-load speed	0-2800 r/min
Chuck	10 mm
Drilling dia.in steel/wood	10/25 mm

DRILL

**F90022**

10mm 550W



Rated power input	550 W
No-load speed	0-2200 r/min
Chuck	10 mm
Drilling dia.in steel/wood	10/28 mm

DRILL

**F90122**

13mm 750W



Rated power input	750 W
No-load speed	0-3000 r/min
Chuck	13 mm
Drilling dia.in steel/wood	13/30 mm

BENCH DRILL



**F42213**

13mm 350W



**F42214**

16mm 500W



**F42215**

16mm 550W

Rated power input	350 W	500 W	550 W
Motor type	Induction motor	Induction motor	Induction motor
Transfer method	Belt	Belt	Belt
No load speed	620/920/1250/1750/ 2620 r/min	280/450/540/620/720/870/ 1550/1700/2350 r/min	210/330/450/490/520/630/750/ 1130/1250/1400/1900/2100 r/min
Class of speed	5	9	12
Spindle travel	50 mm	50 mm	60 mm
Chuck connection size	B16	B16	B16
Spindle taper	B16	B16	MT2
Chuck capacity	1,5-13 mm	3-16 mm	3-16 mm
Table size	160x160 mm	170x175 mm	200x200 mm
Base size	290x190 mm	320x195 mm	340x230 mm
Column diameter	46 mm	46 mm	60 mm
Max. distance from spindle axis to surface of column	105 mm	115 mm	126 mm
Max. distance from spindle end to surface of table	220 mm	245 mm	310 mm
Net weight	16 kg	21 kg	30 kg

# GRINDING, CUTTING AND POLISHING TOOLS

- ANGLE GRINDER
- POLISHER
- BRUSH SANDER
- WALL CHASER
- SANDER FOR CONCRETE
- BENCH GRINDER

# 3



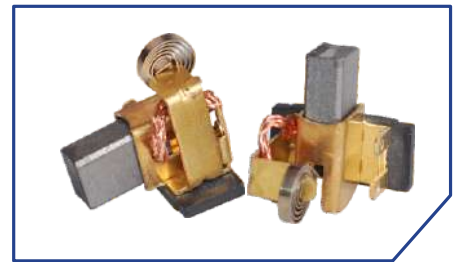
## FEATURES OF ANGLE GRINDERS



ALUMINIUM ALLOY GEARBOX



PREMIUM SWITCH



SLAP-UP CARBON BRUSHES AND HOLDERS



STATOR AND ROTOR WITH DUSTPROOF DESIGN

### ANGLE GRINDER

**F80102H**

100mm 850W

REAR SWITCH



Rated power input	850 W
No-load speed	11000 r/min
Disk diameter	100 mm
Spindle thread	M10

### ANGLE GRINDER

**F80103H**

100mm 1100W

REAR SWITCH



Rated power input	1100 W
No-load speed	11000 r/min
Disk diameter	100 mm
Spindle thread	M10

## ANGLE GRINDER

**F81019/F82219**

115/125mm 750W



Rated power input	750 W
No-load speed	11000 r/min
Disk diameter	115/125 mm
Spindle thread	M14

## ANGLE GRINDER

**F81017/F82117**

115/125mm 850W



Rated power input	850 W
No-load speed	11000 r/min
Disk diameter	115/125 mm
Spindle thread	M14

## ANGLE GRINDER

**F81119/F82319**

115/125mm 900W



Rated power input	900 W
No-load speed	11000 r/min
Disk diameter	115/125 mm
Spindle thread	M14

## ANGLE GRINDER

**F82217**

125mm 1100W



Rated power input	1100 W
No-load speed	11000 r/min
Disk diameter	125 mm
Spindle thread	M14

## ANGLE GRINDER

**F82011**

125mm 1100W

**CONSTANT ELECTRONIC**

SOFT START

VARIABLE SPEED



Rated power input	1100 W
No-load speed	3000-10000 r/min
Disk diameter	125 mm
Spindle thread	M14

## ANGLE GRINDER

**F82020**

125mm 1400W

**CONSTANT ELECTRONIC**

SOFT START

VARIABLE SPEED

RESTART PROTECTION

OVERLOAD PROTECTION



Rated power input	1400 W
No-load speed	2000-9000 r/min
Disk diameter	125 mm
Spindle thread	M14

## ANGLE GRINDER

**F82177**

125mm 1200W

VARIABLE SPEED



Rated power input	1200 W
No-load speed	3000-11000 r/min
Disk diameter	125 mm
Spindle thread	M14

## ANGLE GRINDER

**F82111**

125mm 1400W

**CONSTANT ELECTRONIC**

SOFT START

VARIABLE SPEED

RESTART PROTECTION

OVERLOAD PROTECTION



Rated power input	1400 W
No-load speed	2000-9000 r/min
Disk diameter	125 mm
Spindle thread	M14

ANGLE GRINDER

**F83121 HEAVY DUTY**

150mm 1500W



Rated power input	1500 W
No-load speed	9000 r/min
Disk diameter	150 mm
Spindle thread	M14

ANGLE GRINDER

**F84399**

180mm 2000W



ROTATABLE BOW HANDLE

A. With soft start  
B. Without soft start

Rated power input	2000 W
No-load speed	8400 r/min
Disk diameter	180 mm
Spindle thread	M14

ANGLE GRINDER

**F85099**

230mm 2000W



ROTATABLE BOW HANDLE

A. With soft start  
B. Without soft start

Rated power input	2000 W
No-load speed	6500 r/min
Disk diameter	230 mm
Spindle thread	M14

ANGLE GRINDER

**F85211**

230mm 2100W



ROTATABLE BOW HANDLE

A. With soft start  
B. Without soft start

Rated power input	2100 W
No-load speed	6500 r/min
Disk diameter	230 mm
Spindle thread	M14

ANGLE GRINDER

**F85311**

230mm 2400W



ROTATABLE BOW HANDLE

A. With soft start  
B. Without soft start

Rated power input	2400 W
No-load speed	6500 r/min
Disk diameter	230 mm
Spindle thread	M14

ANGLE GRINDER

**F85317 HEAVY DUTY**

230mm 2800W



ROTATABLE BOW HANDLE

A. With soft start  
B. Without soft start

Rated power input	2800 W
No-load speed	6500 r/min
Disk diameter	230 mm
Spindle thread	M14



POLISHER

**F86025**

**180mm 1300W**

**CONSTANT ELECTRONIC**

SOFT START

OVERLOAD PROTECTION



Rated power input	1300 W
No-load speed	400-2200 r/min
Disk diameter	180 mm
Spindle thread	M14
Net Weight	3,2 kg

BRUSH SANDER

**F88020**

**110x100mm 1400W**

**CONSTANT ELECTRONIC**

SOFT START

VARIABLE SPEED

RESTART PROTECTION

OVERLOAD PROTECTION



Rated power input	1400 W
No-load speed	1000-3600 r/min
Wheel size	110x100x19 mm

BRUSH SANDER

**F88011**

**110x100mm 1400W**

**CONSTANT ELECTRONIC**

SOFT START

VARIABLE SPEED

RESTART PROTECTION

OVERLOAD PROTECTION



Rated power input	1400 W
No-load speed	800-3200 r/min
Wheel size	110x100x19 mm

ACCESSORIES OF BRUSH SANDER



Order Code	Size (mm)	Pack Unit
80601	110x100	1 pc



Order Code	Size (mm)	Pack Unit
80605	110x100	1 pc



Order Code	Size (mm)	Pack Unit
80602	110x100, 60#	1 pc



Order Code	Size (mm)	Pack Unit
80606	110x100	1 pc



Order Code	Size (mm)	Pack Unit
80603	110x100, 80#	1 pc



Order Code	Size (mm)	Pack Unit
80607	110x100	1 pc



Order Code	Size (mm)	Pack Unit
80604	110x100	1 pc



Order Code	Size (mm)	Pack Unit
80608	110x100	1 pc

**WALL CHASER**

**F62011**

**125mm 1400W**

**CONSTANT ELECTRONIC**

DUSTPROOF

RESTART PROTECTION

OVERLOAD PROTECTION



Rated power input	1400 W
No-load speed	9500 r/min
Disk diameter	125 mm
Groove depth	30 mm
Groove width	3-29 mm

**WALL CHASER**

**F62111**

**230mm 2600W**

**CONSTANT ELECTRONIC**

DUSTPROOF

RESTART PROTECTION

OVERLOAD PROTECTION



Rated power input	2600 W
No-load speed	6600 r/min
Disk diameter	230 mm
Groove depth	20-65 mm
Groove width	3-41 mm

**SANDER FOR CONCRETE**

**F86111**

**125mm 1400W**

**CONSTANT ELECTRONIC**

DUSTPROOF

RESTART PROTECTION

OVERLOAD PROTECTION



Rated power input	1400 W
No-load speed	9500 r/min
Disk diameter	125 mm



**BENCH GRINDER**



**F89099**

**125mm 120W**

Rated power input	120 W
No-load speed	2950 r/min
Disk diameter	125x16x12,7 mm



**F89199**

**150mm 150W**

Rated power input	150 W
No-load speed	2950 r/min
Disk diameter	150x16x12,7 mm



**F89399**

**200mm 350W**

Rated power input	350 W
No-load speed	2950 r/min
Disk diameter	200x20x16 mm

# WOODWORKING TOOLS

JIG SAW / RECIPROCATING SAW

CIRCULAR SAW / ROUTER

PLANER / CHAIN SAW

MITRE SAW / SLIDING MITRE SAW / TABLE SAW

SANDER / ORBITAL SANDER / BELT SANDER

# 4



## JIG SAW

**F66012**

55mm 500W

BLADE CHANGE SYSTEM-BOLT M8



Rated power input	500 W
Stroke rate	800-3000 spm
Stroke length	18 mm
Cutting depth in wood	55 mm
Cutting depth in steel	6 mm

## JIG SAW

**F66212**

65mm 650W

BLADE CHANGE SYSTEM-BOLT M8



Rated power input	650 W
Stroke rate	800-3000 spm
Stroke length	20 mm
Cutting depth in wood	65 mm
Cutting depth in steel	8 mm

## JIG SAW

**F66112**

85mm 700W

TOOLLESS BLADE CHANGE SYSTEM



Rated power input	700 W
Stroke rate	300-3000 spm
Stroke length	20 mm
Cutting depth in wood	85 mm
Cutting depth in steel	10 mm

## JIG SAW

**F66312**

120mm 750W

ALUMINIUM BASE

TOOLLESS BLADE CHANGE SYSTEM



Rated power input	750 W
Stroke rate	800-3000 spm
Stroke length	24 mm
Cutting depth in wood	120 mm
Cutting depth in steel	10 mm

## RECIPROCATING SAW

**F68125**

210mm 1000W

4-STAGE ADJUSTABLE ORBITAL ACTION



Rated power input	1000 W
No-load stroke rate	1000-2800 spm
Stroke length	28 mm
Cutting capacity, wood	210 mm
Cutting capacity, steel	10 mm





CIRCULAR SAW

**F64016**

140mm 800W



Rated power input	800 W
No-load speed	4500 r/min
Saw blade	Ø140x20x18T
Max. cutting depth	45mm at 90° / 29 mm at 45°

CIRCULAR SAW

**F64116**

165mm 1300W



Rated power input	1300 W
No-load speed	6000 r/min
Saw blade	Ø165x20x18T
Max. cutting depth	55mm at 90° / 34 mm at 45°

CIRCULAR SAW

**F64216**

190mm 1500W



Rated power input	1500 W
No-load speed	6000 r/min
Saw blade	Ø190x20x24T
Max. cutting depth	67mm at 90° / 50 mm at 45°

CIRCULAR SAW

**F64316**

190mm 1500W

ALUMINIUM BASE



Rated power input	1500 W
No-load speed	5800 r/min
Saw blade	Ø190x20x24T
Max. cutting depth	66mm at 90° / 49 mm at 45°

CIRCULAR SAW

**F64416**

210mm 2000W

SOFT START



Rated power input	2000 W
No-load speed	4500 r/min
Saw blade	Ø210x30x40T
Max. cutting depth	74mm at 90° / 53 mm at 45°

CIRCULAR SAW

**F64516**

235mm 2000W

SOFT START



Rated power input	2000 W
No-load speed	4500 r/min
Saw blade	Ø235x30x40T
Max. cutting depth	85mm at 90° / 61 mm at 45°

ROUTER

**F61011**

6/8mm 1100W

VARIABLE SPEED

INTEGRATED LED LIGHT

OVERLOAD PROTECTION



CONSTANT ELECTRONIC

Rated power input	1100 W
No-load speed	10000-25500 r/min
Chuck diameter	6/8 mm
Max. cutting depth	40 mm

ROUTER

**F61110 HEAVY DUTY**

8/12mm 2200W

VARIABLE SPEED

OVERLOAD PROTECTION



CONSTANT ELECTRONIC

Rated power input	2200 W
No-load speed	9000-22000 r/min
Chuck diameter	8/12 mm
Max. cutting depth	67 mm

PLANER

**F60011**

82mm 650W



Rated power input	650 W
No-load speed	15000 r/min
Planing width	82 mm
Planing depth	0-2 mm

PLANER

**F60111**

102mm 1100W

CONSTANT ELECTRONIC



Rated power input	1100 W
No-load speed	11000 r/min
Planing width	102 mm
Planing depth	0-2,5 mm

PLANER

**F60211**

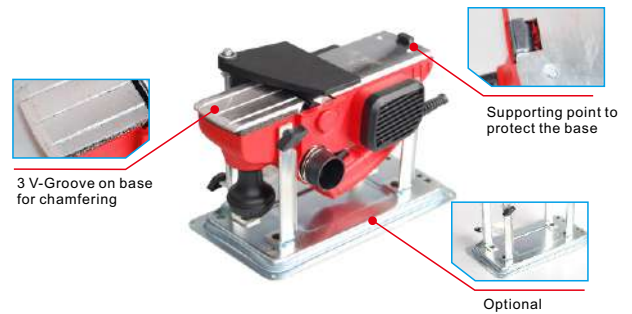
110mm 1200W



Rated power input	1200 W
No-load speed	16000 r/min
Planing width	110 mm
Planing depth	0-3 mm

- A. Re-sharpen cutting blade
- B. One-off cutting blade

CONSTANT ELECTRONIC



CHAIN SAW

**F67018**

16" 2000W



Rated power input	2000 W
Chain speed	800 m/min
Guide bar length	400 mm(16")
Teeth distance	3/8"

CHAIN SAW

**F67118**

16" 2000W

SDS ADJUSTMENT



Rated power input	2000 W
Chain speed	800 m/min
Guide bar length	400 mm(16")
Teeth distance	3/8"

**MITRE SAW**

**F44157**

**255mm 1800W**



**SLIDING MITRE SAW**

**F44165**

**255mm 1800W**



**TABLE SAW**

**F44178**

**255mm 1800W**



Rated power input	1800 W
No-load speed	4600 r/min
Blade diameter	255 mm
Max cutting capacity	0° x 90° H70x W150mm
	45° x 90° H70x W110mm
	0° x 45° H40x W150mm
	45° x 45° H40x W110mm

Rated power input	1800 W
No-load speed	4800 r/min
Blade diameter	255 mm
Max cutting capacity	0° x 90° H75 x W305mm
	45° x 90° H75x W210mm
	0° x 45° H45x W305mm
	45° x 45° H45x W210mm

Rated power input	1800 W
No-load speed	4800 r/min
Blade diameter	255 mm
Max cutting capacity	85mm at 90° / 50mm at 45°
Blade	TCT 60T 255 mm
Table size	565X560 mm
Table top with extensions	560X1100 mm

**SANDER**

**F87112**

**104x110mm 240W**



Rated power input	240 W
No-load speed	12000 r/min
Sanding pad size	104x110 mm
Diameter of orbit	2 mm

**SANDER**

**F87212**

**92x187mm 230W**



Rated power input	230 W
No-load speed	6000-12000 r/min
Sanding pad size	92x187 mm
Diameter of orbit	2 mm

**SANDER**

**F87312**

**115x230mm 300W**



Rated power input	300 W
No-load speed	6000-12000 r/min
Sanding pad size	115x230 mm
Diameter of orbit	2 mm

**ORBITAL SANDER**

**F87412**

**125mm 280W**



Rated power input	280 W
No-load speed	6000-13000 r/min
Rubber pad size	Ø125 mm
Diameter of orbit	3,2 mm

**BELT SANDER**

**F87028**

**76x533mm 900W**



Rated power input	900 W
No-load speed	250 r/min
Belt size	76x533 mm

## OTHER TOOLS

PPR PIPE WELDING MACHINE  
 MINI GRINDER  
 SPRAY GUN  
 HEAT GUN  
 MARBLE CUTTER  
 MULTI-FUNCTION OSCILLATING TOOL  
 CUT-OFF MACHINE  
 MIXER  
 VACUUM CLEANER

5



## PPR PIPE WELDING MACHINE

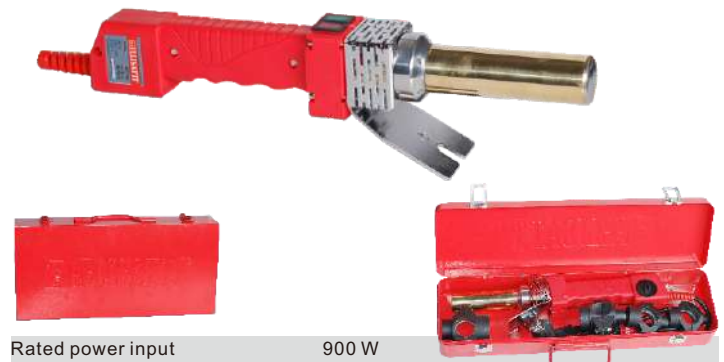
**F23033**  
 800W



Rated power input	800 W
Temperature	0-300°C
Accessory	Ø20 Ø25 Ø32 Ø40 Ø50 Ø63 mm

## PPR PIPE WELDING MACHINE

**F23133**  
 900W



Rated power input	900 W
Temperature	0-300°C
Accessory	Ø16 Ø20 Ø25 Ø32 mm

## PPR PIPE WELDING MACHINE

**F23233**  
 1500W



Rated power input	1500 W
Temperature	0-300°C
Accessory	Ø20 Ø25 Ø32 Ø40 Ø50 Ø63 mm

## MINI GRINDER

**F80125**  
 3,2mm 150W



Rated power input	150 W
No-load speed	12000-30000 r/min
Max diameter of chuck	3,2 mm

SPRAY GUN

**F41256**

900ml 400W



METAL NOZZLE

Rated power input	400 W
Water flow rate	800 ml/min
Max. viscosity	70 DIN-s
Nozzle size	Φ2,5mm
Paint cup capacity	900ml

SPRAY GUN

**F41257**

700ml 500W



METAL NOZZLE

Rated power input	500 W
Spraying pressure	0,1-0,2 Bar
Water flow rate	800 ml/min
Max. viscosity	60 DIN-s
Nozzle size	Φ2,5 mm
Container capacity	700 ml
Air hose length	1,8 m

HEAT GUN

**F20010**

80-600 °C 2000W



CERAMIC BRACKET

Rated power input	2000 W
Temperature & air flow	
I	80°C 300L/min
II	80-600°C 300L/min
III	80-600°C 500L/min

HEAT GUN

**F21010**

80-600 °C 2000W



MICA BRACKET

LCD DISPLAY

Rated power input	2000 W
Temperature & air flow	
I	80°C 300L/min
II	80-600°C 300L/min
III	80-600°C 500L/min

HEAT GUN

**F20015**

50-600 °C 2000W



MICA BRACKET

Rated power input	2000 W
Temperature & air flow	
Low	50-480°C 210-250L/min
High	50-600°C 340-380L/min

MARBLE CUTTER

**F65017**

115mm 1500W



Rated power input	1500 W
No-load speed	13000 r/min
Max. disc size	115 mm
Max. cutting depth	34mm at 90° / 22,5 mm at 45°

MULTI-FUNCTION OSCILLATING TOOL

**F68226**

300W



Rated power input	300 W
No-load speed	15000-23000 r/min
Oscillating angle	3°

CUT-OFF MACHINE

**F69817**

**HEAVY DUTY**

355mm 2400W



Rated power input	2400 W
No-load speed	3800 r/min
Saw blade	Ø355x30x40T

## MIXER

**F92026****1200W****2**  
- SPEED  
GEARBOX

SOFT START

TWO PARTS MIXING PADDLE



Rated power input	1200 W
No-load speed	I:180-400 r/min II:300-700 r/min
Connection for mixing pad	M14

## MIXER

**F92126****1600W****2**  
- SPEED  
GEARBOX

SOFT START

TWO PARTS MIXING PADDLE

OVERLOAD PROTECTION

**CONSTANT ELECTRONIC**

Rated power input	1600 W
No-load speed	I:180-400 r/min II:300-700 r/min
Connection for mixing pad	M14

## VACUUM CLEANER

**F45211****20L 1300W**

Rated power input	1300 W
Motor type	Commutator motor
Vacuum	160 Mbar
Tank size	20 L
Power tool socket	Yes
Max power of the connected power tool socket	2000 W
Hose length	1,5 m
Net Weight	6,2

**F45212****30L 1300W**

Rated power input	1300 W
Motor type	Commutator motor
Vacuum	160 Mbar
Tank size	30 L
Power tool socket	Yes
Max power of the connected power tool socket	2000 W
Hose length	1,5 m
Net Weight	6,5

**F45213****60L 1600W**

Rated power input	1600 W
Motor type	Commutator motor
Vacuum	160 Mbar
Tank size	60 L
Power tool socket	Yes
Max power of the connected power tool socket	2000 W
Hose length	1,5 m
Net Weight	10,5

## ACCESSORIES OF VACUUM CLEANER



Sponge



Hepa



Paper dust bag



Metal tube



Combined brush



Brush



Floor brush



Hose