

# PROXXON

***Tools with character!***

***New Products 2016***



# The new battery-powered tools made in Europe. For pro



- High quality 10.8V lithium-ion battery with 2.6Ah for a performance comparable to mains-powered counterparts.
- One battery charge will last at least 30 minutes even at maximum power use. No other battery-operated power tool lasts longer in this class!
- Gear heads of die-cast aluminium offering exact bearing seats. Main housing of glass-reinforced POLYAMIDE with soft component in grip area. Slim power tools you will love!
- All models with a special balanced, powerful, quiet and long-lasting DC motor.



**Practical:**  
The flat end cap of the battery enables the tools to stand upright as well.

## Lithium-ion battery Li/A

For long and durably powerful operation of our new MICROMOT battery-powered tools. With integrated temperature control for safe operation.

### Technical data:

Voltage 10.8V. Capacity 2.6Ah. Length 85mm. Weight 80g.

NO 29 898



## Rapid battery charger LG/A

Charges the PROXXON lithium-ion battery Li/A in one hour. With integrated temperature control. LED signal light: Yellow = charging, Green = charged.

### Technical data:

Input 230V, 50/60Hz. Output 12.6V, 2A. Weight approx. 340g.

NO 29 890



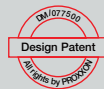
The IBS/A is supplied in industrial quality with six triple slit



IBS/A



BS/A



LHW/A



The battery-powered tool sets come safely packed in a practical, attractive and super-sturdy plastic tool case made from high-quality PP. A product label on the side of the case details its contents.

to its

other

lass-fibre

I love to hold!

plied with 34 bits and cutters of  
lity, all shafts Ø 2.35mm. Complete  
slit steel collets covering 1 – 3.2mm.



## Battery-powered professional drill/grinder IBS/A

**For drilling, milling, grinding, polishing, cleaning, cutting, engraving and signing.**

High-revving with variable electronic speed control for high torque, even in the lower speed range. Double-row ball bearing, precision spindle of ground steel and six triple slit MICROMOT steel collets (1 – 1.5 – 2 – 2.4 – 3 and 3.2mm) ensure high concentric accuracy. Bits and cutters run true!

With 20mm MICROMOT collar for use in drill and horizontal stands. Supplied in a plastic case with 34 bits and cutters, as depicted here.



Set includes IBS/A, lithium-ion battery Li/A (10.8 V) and rapid battery charger LG/A.

### Technical data:

7,000 - 23,000rpm. 10.8V. Length 270mm. Weight approx. 700g (including battery).

**NO 29 800**

## Battery-powered professional drill/grinder IBS/A

As described above, with 6 MICROMOT steel collets. But without battery, rapid charger and without bits and cutters. Packed in a cardboard box.

**NO 29 802**

## Battery-powered belt sander BS/A

**For grinding of small openings, finishing of moulds, surfaces, radii, grooving, deburring and chamfering of precision parts.**

With variable electronic speed control. The head rotates through 60° at the touch of a button. Suction connection with vacuum cleaner adapter enables clean working. Complete with 4 sanding belts (2 pieces each grit 80 and grit 180). Safely stored in an attractive and extremely stable plastic case.

Set includes BS/A, lithium-ion battery Li/A (10.8 V) and rapid battery charger LG/A.

### Technical data:

10.8V. Sanding belt 10 x 330mm (usable sanding area 10 x 110mm). Sanding speed 200 – 700m/min. Length 380mm. Weight approx. 900g (including battery).

**NO 29 810**

## Battery-powered belt sander BS/A

As described above, with 4 sanding belts. But without battery and rapid charger. Packed in a cardboard box.

**NO 29 812**

## Battery-powered long neck angle grinder LHW/A

**For working on steel, non-ferrous metal, glass, ceramics, wood and plastic. For cutting, roughing and grinding.**

With variable electronic speed control for high torque, even in the lower speed range. A corundum grinding disc (grit 60), a fan sander (grit 100) and a reinforced cutting disc are included. Safely stored in an attractive plastic case.

Set includes LHW/A, lithium-ion battery Li/A (10.8V) and rapid battery charger LG/A.

### Technical data:

5,000 - 16,000rpm. 10.8V. Discs Ø 50mm with 10mm bore. Length 320mm. Weight approx. 800g (including battery).

**NO 29 815**

## Battery-powered long neck angle grinder LHW/A

As described above, also including the specified accessories. But without battery and without rapid charger. Packed in a cardboard box.

**NO 29 817**

# MICRO Miller FF 500/BL. With brushless drive. Made in Europe.

**New technology with direct drive: Quiet and vibration-free with high precision (accuracy 0.05mm). Variable speed pre-selection from 200 – 4,000rpm.**

Clearly legible 4-digit speed display for optimum machining. The sophisticated control via rotor position and speed sensors guarantees high torque for use of large milling cutters in the lower speed range.

Solid column with dovetail guides. Milling head can be rotated to the left and right by 90° (with degree graduation). The clampable spindle sleeve is prepared for mounting of the fine feed adapter (see main catalogue, page 61). Tool holder using multiple range collets type ER 20 (EIN 6499-B): One each of 6 – 8 – 10 and 12mm are included. Height adjustment of milling head via hand wheel. Solid plane-milled steel compound table with 3 continuous MICROMOT standard T-slots (12 x 6 x 5mm). All 3 hand wheels with graduated scale ring (1 rev. = 2mm).

#### Technical data:

230V. 400W. 50/60Hz. Spindle speeds 200 - 4,000rpm. Throat 125mm. Sleeve stroke 30mm. Column 120 x 100 x 430mm. Table 400 x 125mm. Traverse range vertical (Z-axis) 220mm, transverse (X-axis) 310mm, depth (Y-axis) 100mm. Dimensions: H = 750mm, W = 550mm, D = 550mm. Weight approx. 47kg.

NO 24 350

#### Note:

For the lathe system PD 400/CNC and the MICRO Miller FF 500/BL-CNC there is a special brochure with detailed description, which you may inquire for under NO 95 157 (German) or NO 95 372 (English). Or just visit our website at [www.proxxon.com](http://www.proxxon.com).



FF 500/BL

#### Note:

Clamping jaws, miller and work pieces are not included in the scope of delivery.

## MICRO Miller FF 500/BL-CNC

Complete with CNC controller and user-friendly software (runs under WINDOWS®). Double roller bearing mounted recirculating ball spindles on all three axes and three powerful step motors. Large travel distances: X-axis approx. 290mm, Y-axis approx. 100mm, Z-axis approx. 200mm. The mechanical design is almost identical to the MICRO Miller FF 500/BL (see above).

NO 24 360

## FF 500/BL CNC-ready

As described here, but without CNC controller and without software. Connection to the controller by three standard plugs (SUB-D 9POL).

NO 24 364



## MICRO-Press MP 120

**A precision tool for precision mechanics and model making: Pressing in, pressing out, riveting, imprinting, edging, bending of wires and sheets. Embossing, beading and crimping of easy to form materials (e.g. copper, brass).**

With 5 cylindrical punching tools (Ø 3 - 4 - 5 - 6 and 8mm, surface hardened), one each semi-spherical profile Ø 3 and Ø 9mm and a 90° square prism for bending sheet metal. Punching tools are inserted into the toothed rack and fixed with a knurled screw. The counterpart is an easily adjustable, hardened revolving plate with all required holes and bottom dies for the above-specified punching tools.

Force of pressure approx. 1,000N (100kg). Maximum stroke of toothed rack with inserted punch 65mm, above revolving plate 50mm. Solid steel arm with 120mm throat. Ground base plate of steel, 80 x 190mm with an 8-mm centre and two fastening bores. Weight approx. 2,800g.



NO 27 200



## MICROFLAM gas soldering set MGS

**For working with open flame or with catalyst unit in combination with adapters for soldering, hot-cutting, woodburning and shrinking of insulating sleeves.**

Also for retouching surface imperfections in wood (cracks, dents). Electronic piezo crystal lighter with safe on/off-gas flow switch. Individually controllable gas and air supply. Hard-soldering of delicate parts with flame temperatures up to 1,300 °C. When working with tips up to 500 °C. Relatively large gas tank (20ml) for long continuous work. Refillable with standard butane cartridges for lighters.

Adapter tips: large wax/varnish-scraping knife for repairs in wood, hot knife for cutting even thicker plastic foil, 2 woodburning tips (angled and flat pointed), a soldering tip, a round nozzle for hot air work as well as one for heat-shrinking sleeves.

Also included: Soldering tin, drip tray with sponge and 7mm open-end spanner for tightening the adapter tips. A practical stainless steel base also enables stationary work. Packed in plastic case with sturdy PP tray. Each piece finds its place!

NO 28 144



MGS



*A practical stainless steel base also enables stationary work.*





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"There is hardly anything in the world that some man cannot make a little worse and sell a little cheaper, and the people who consider price only are this man's lawful prey."

"It's unwise to pay too much, but it's worse to pay too little. When you pay too much, you lose a little money – that's all. When you pay too little, you sometimes lose everything, because the thing you bought was incapable of doing the thing it was bought to do."

John Ruskin (1819 – 1900)