

PX1000

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FEATURES:

- Grinding motor 3,7 kW (5HP);
- Ø150mm cup grinding wheel;
- Magnetic chuck 1000x117mm, 0-90° rotating
- Automatic grinding wheel downfeed and automatic working cycle with mini PLC;
- Variable carriage speed 1-20 m/min;
- External tank with coolant pump.

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UTR80
FEATURES:

- Thermal power 3 kW;
- Ultrasound power 2,8 kW;
- Ultrasound frequency 28 kHz;
- Timer 0-999 min;
- Temperature 0°-80°C;
- Useful capacity 80 liters;
- Max diameter 500 mm;
- External dimensions 850x500x850 mm;
- Washing machine interior dimensions 550x 300x 550 mm.

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BM400
FEATURES:

- Basement;
- Automatic grinding wheel down-feed unit; automatic stop at preset level;
- Carriage run guides covered with replaceable hardened steel guides;
- Coolant pump;
- Chain driven carriage;
- Diamond wheel D.46 ø125 mm;
- Magnetic chuck for hard metal inserts 400x70x20 mm

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LA500
FEATURES:

- Grinding wheel motor power 3,7 kW (5HP);
- Grinding wheel diameter Ø150mm;
- Automatic grinding wheel downfeed;
- Rotating head range 0°-90°
- Magnetic chuck Ø300 mm
- Variable speed of blade support 3-35 rpm.

Used overhauled, repainted



SZ75
FEATURES:

- Robust cast-iron main machine housing;
- All gears housed in an oil bath (10 Kg);
- Hardened steel self-centring vices;
- Speed regulator (40-200 teeth/min).

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BM650

FEATURES:

- Basement;
- Grinding wheel motor power 1.5 kW (2 HP);
- Grinding wheel diameter Ø127mm;
- Automatic grinding wheel down-feed unit; automatic stop at preset level;
- Coolant pump;
- Chain driven carriage;
- Magnetic chuck 650x72mm - Rotating 0°-90°.

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LA300 JUNIOR

FEATURES:

- Grinding wheel motor power: 0,37 kW;
- Grinding wheel diameter: 100 mm;
- Speed of rotary table: 200 rpm;
- Maximum blade diameter: 300 mm;
- Rotating head range 0°-70°;
- Automatic working cycle;
- Refrigerant liquid pump and internal tank.

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AFFILELLA

FEATURES:

AFFILELLA is a professional machine for sharpening domestic knives, kitchen knives and scissors.

There are two helicoidal borazon grinding wheels for sharpening the knives, a ceramic grinding wheel for sharpening the scissors and a wheel for polishing the bevel.

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ZX1230

FEATURES:

- Basement;
- Cast iron machine bed;
- Grinding motor 2.2 kW (3 HP);
- Automatic downfeed grinding head with automatic stop at preset height.
- Tilting head to grind hollow surfaces
- Coolant pump;
- Chain driven carriage;
- Magnetic chuck 1230x100 rotating from 0° to 90° with lever.

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SX80

FEATURES:

- Robust cast-iron main machine housing;
- All gears housed in an oil bath (10 kg).
- Vibration-free band saw movement;
- Sensitive controls for high precision adjustment;
- Speed regulator;
- Cooling system;
- CBN grinding wheel.

Used overhauled



SBO2000

FEATURES:

- SBO automatically removes burrs from the cutting edges of industrial blades;
- Vibrating deburring heads fitted with fine (1000 grain) cloth-backed abrasive paper;
- 3 perfectly linear blade rests, with clamp, which can be positioned along the linear runner;
- Blade presence sensor for carriage inversion;
- Linear runner with limit micro-switch.

Used non overhauled, clean, working*



GÖCKEL G65

FEATURES:

- Used non overhauled, clean, working apart from the automatic slow down: the board must be replaced;
- Fixed magnetic chuck 3500x300 mm;
- Power motor 30 kW (40 HP);
- Segment holding ring Ø350 mm;
- Variable carriage speed;
- Automatic driven downfeed of the grinding wheel
- Magnetic coolant cleaner with external tank

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LA300

FEATURES:

- Grinding wheel motor power 1.5 kW;
- Grinding wheel diameter Ø127mm;
- Maximum external diameter of blade Ø300mm;
- Variable speed of blade support 3-35 rpm;
- Basement;
- Equipment for bedknives.

* In some cases, the photos do not match the model proposed

AUTOMATIC KNIFE LOADER**AUTOMATIC LOADER FOR 10 KNIVES UP TO 1500 mm**

Loading of blades on the automatic loader and the entering of program number and the blade length

Start-up cycle:

The carriage positions itself at a default position with respect to the zero point of the machine

The loader places the blade on the magnetic chuck

Magnetic chuck magnetizes

Rotation of chuck to -35°

Demagnetization of chuck followed by alignment the blade by pneumatic actuator

Actuator moves back and the chuck magnetizes

Rotation of chuck to the angle set in the desired program

Start grinding wheel, coolant pump and carriage movement

Fast approach of the grinding wheel to the blade followed by slow descent

When the grinding wheel touches the work-piece the automatic working cycle for roughing, finishing and spark-out begins

At the end of the automatic cycle the carriage stops at the right inversion point

The chuck rotates to zero degrees and demagnetizes

A blade washing cycles follows between the two inversions points

At the end the grinding wheel moves to the zero position point and the carriage moves to the cycle start point

Demagnetization of the chuck

Blade is unloaded

Rotation of chuck to -10°

Washing and drying cycle along length of chuck

Afterwards the carriage moves to the working cycle starting point

The magnetic chuck returns to zero degrees

Begin a new working cycle