

KS250 2100

Show room

**FEATURES:**

- Year of production 2018 (it was operated in a showrrom for less than a year, just a few hours per week);
- Motor 11 kW (5HP);
- Segments holding ring \varnothing 250 mm;
- Magnetic chuck 2100x150mm;
- Quick wheel change;
- PLC siemens touch screen;
- Angular divisor $\pm 90^\circ$;
- Variable carriage speed from 1 to 30 m/min;
- Automatic lubrication;
- Grinding wheel with rotation inversion switch;
- Cutting edge alignment reference bar.

Back from exhibition



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.

Used overhauled, repainted



GM1000

FEATURES:

- Rotating magnetic chuck 1000mm x 120mm;
- Grinding wheel motor 2,2 kW(3HP)
- Ø150mm cup grinding wheel;
- Automatic grinding wheel downfeed and automatic working cycle
- Lever for rotating magnetic chuck 0° to 90°
- External coolant tank and pump

Back from exhibition



KS250 1500

FEATURES:

- Motor 11 kW (15HP);
- Segment holding ring Ø 250 mm;
- PLC siemens touch screen;
- Angular divisor +/-90°;
- Quick wheel change;
- Variable carriage speed 1-30 m/min;
- Automatic lubrication;
- Magnetic chuck 1500x150mm;
- Bellows covers.

Back from exhibition



PX1350

FEATURES:

- Grinding motor 3,7 kW (5HP);
- Ø150mm cup grinding wheel;
- Magnetic chuck 1350x117mm, 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.

Used overhauled, repainted



FX40-5100

FEATURES:

- Rotating magnetic chuck dense polarity from -90° to +90° (width 300 mm);
- Angular divisor for magnetic chuck;
- Grinding motor 30 kW (40 HP);
- Segment holding ring Ø400 mm;
- Digital programmer PLC;
- Automatic lubrication;
- Variable carriage speed from 1 to 30 m/min;
- Automatic grinding wheel downfeed.

Back from exhibition



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.

Back from exhibition



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 level.

Back from exhibition



RDM

FEATURES:

- Hydraulic rectifier for blades;
- Automatic movement of the blade;
- Maximum thrust straightening;
- Manometer for pressure straightening control;
- Available with 2 rollers (for blades up to 1500mm) or 4 rollers (2500mm).

Back from exhibition



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.

Back from exhibition



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.

Used non overhauled, clean, working



GÖCKEL G65

FEATURES:

- 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

Back from exhibition



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

Used non overhauled, working



I15

FEATURES:

- Basement;
- Motor 2,2 kW (3HP);
- Grinding wheel Ø 150 mm;
- Magnetic chuck; 1050x95 mm;
- Automatic wheel downfeed
- External tank with additional pump;
- Chain driven carriage.

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 overhauled, repainted



PX1000

FEATURES:

- Grinding motor 3,7 k W (5 HP);
- Ø150 mm cup grinding wheel;
- Motorised downfeed and controlling automatic working cycle;
- 1000 x 117mm, 0° to 90° rotating magnetic chuck
- Variable carriage speed from 1 to 20 m/min;
- External tank with coolant pump

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).

Back from exhibition



BM 850

FEATURES:

- Motor 1,5 kW (2HP);
- Grinding wheel Ø 127 mm;
- Automatic downfeed grinding head with automatic stop at preset height;
- Magnetic chuck 850x72mm;
- Coolant pump;
- Chain driven carriage;
- Basement.

Used overhauled, repainted



ZX 1000

FEATURES:

- Production year 2016;
- Motor 2,2 kW (3 HP);
- Grinding wheel Ø 150 mm;
- Automatic downfeed grinding head with automatic stop at preset height;
- Magnetic chuck 1000x100mm rotating 0°-90°;
- Coolant pump;
- Chain driven carriage;
- Basement.

Used overhauled, repainted



AF3000

FEATURES:

- Grinding wheel motor 4 kW (6 HP);
- Rotating magnetic chuck 3000mm x 120mm;
- Variable carriage speed 1-20m/min;
- External coolant tank and pump;
- Segment grinding wheel Ø178mm;
- Automatic grinding wheel downfeed and fully programmable working cycle;
- Rotating magnetic chuck from 0° to 90°.

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