



## MX150/1000

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### FEATURES:

- 5.5 kW (7.5 HP) grinding motor;
- Segment grinding wheel  $\varnothing 178$  mm;
- Electro-magnetic chuck 1000x120mm with lever for rotation from  $0^{\circ}$  to  $90^{\circ}$ ;
- Variable carriage speed 1-20 m/min;
- Switches for carriage stroke reduction;
- PLC (digital programmer);
- Automatic work cycle with adjustment of the partial downfeed and automatic stop at a pre-set quota;
- Spark-out at the end of the working cycle with automatic stopping of the carriage at the right side of the machine base;
- Reverse direction of rotation of the grinding wheel;
- Magnetic cleaner with rotating discs.

## LA700

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### FEATURES:

- Grinding motor 3.7 kW (5 HP);
- Grinding wheel diameter Ø150mm;
- Automatic grinding wheel downfeed;
- Rotating head range 0°-90°;
- Magnetic chuck Ø300 mm;
- Variable speed of magnetic chuck 3-35 rpm;
- PLC Siemens;
- Mobile column to sharpen pieces up to 280mm high.

## LA 300

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### 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.

## ZX 1000

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### FEATURES:

- Basement
- Grinding motor 2.2 kW (3 HP);
- Automatic downfeed grinding head with automatic stop at preset height;
- Tilting head to grind hollow surfaces;
- Magnetic chuck 1000x100 rotating from 0° to 90° with graduated screw;
- Coolant pump;
- Chain driven carriage;

## RDM

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### FEATURES:

- Hydraulic rectifier for blades;
- Automatic movement of the blade;
- Maximum hydraulic pressure 5000kg;
- Manometer for pressure straightening control;
- Available with 2 rollers (for blades up to 1500mm) or 4 rollers (2500mm).

## BM 400

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### 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

## BM 650

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### FEATURES:

- Motor 1,5 kW (2HP);
- Grinding wheel ø127mm
- Automatic grinding wheel down-feed;
- Magnetic chuck 650x72mm
- Coolant pump;
- Chain driven carriage;
- Basement.

## SZ 75

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### FEATURES:

- Grinding motor 2,2 kW (3HP);
- 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.

## SX 80

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### FEATURES:

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

## GÖCKEL G65

Used not overhauled, clean, working \*



### 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 tanke.

## SBO 2000

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### 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.

## LAVATRICE SME ROBUR 1200 2B

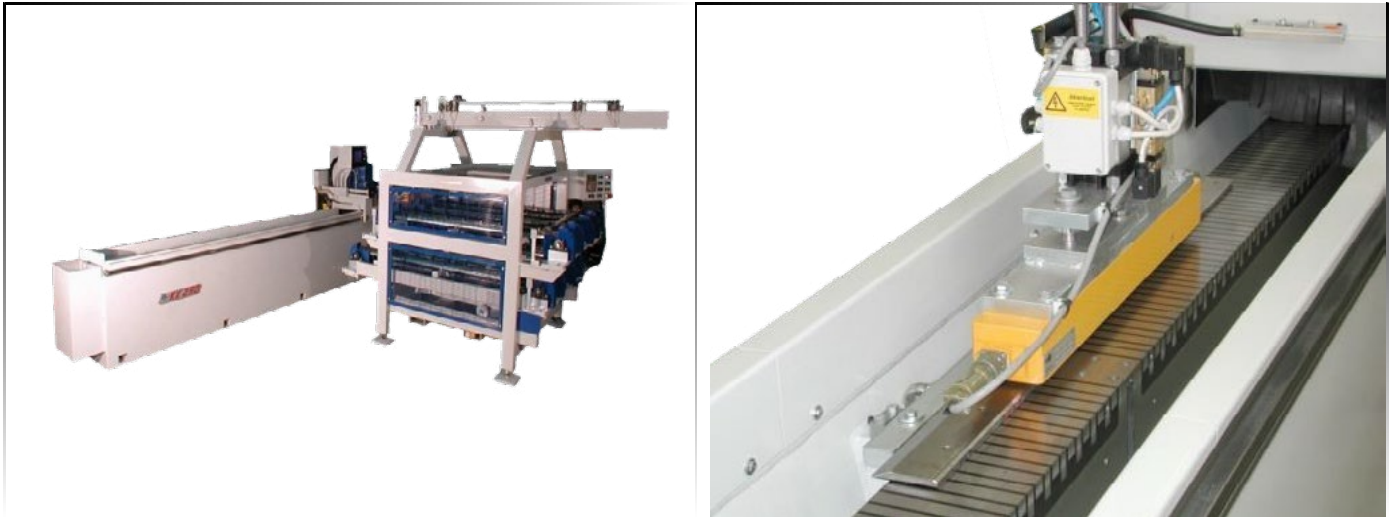
Used machine, overhauled, clean and working



### FEATURES:

- Size:2450mm(L)x1550mm(B)x2000mm (H);
- Trapdoor;
- Movable charging device;
- Charging/discharging station;
- High pressure pump: 4-4KW, 5bar, 280Lt/min;
- Washing capacity: Ø1200mm - 800mm (H)
- -600kg (P);
- Mechanical rotation:0,18KW;
- Exhauster: 0,25KW;
- Tank: 2x300;
- Heating:2x12 KW;
- Absorbtion: 29KW;
- CE conformity certificate.

# 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  $-35^{\circ}$ ;

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  $-10^{\circ}$ ;

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.

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