

## **KS250-2500**

Back from exhibition



### **FEATURES:**

- Grinding motor 11 kW (15HP);
- Segment holding ring Ø250 mm;
- Electro-permanent magnetic chuck (cold) 2500x150mm;
- Angular divisor for magnetic chuck;  $\pm 90^\circ$ ;
- Quick wheel change;
- PLC Siemens;
- Variable carriage speed 1-30 m/min;
- Automatic lubrication.

Back from exhibition



### LA500-NC

#### 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 magnetic chuck 3-35 rpm;
- PLC Siemens.

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



### LA700

#### FEATURES:

- Grinding motor 3.7 kW (5 HP);
- Rotating head range 0°-90°;
- Grinding wheel motor with clockwise and anti-clockwise rotation direction for perfect grinding of any angle;
- Automatic downfeed grinding head;
- Magnetic chuck Ø300mm;
- Variable rotating chuck speed 3 - 35rpm;
- Adjustable column up to 280mm.

Back from exhibition



### MX150-1500

#### FEATURES:

- 5.5 kW (7.5 HP) grinding motor;
- Segment grinding wheel Ø178 mm;
- Electro-magnetic chuck 1500x120mm with lever for rotation from 0° to 90°;
- Variable carriage speed 1-20 m/min;
- Switches for carriage stroke reduction;
- PLC (digital programmer);
- Automatic work cycle with adjustment of the partial down-feed 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.

Back from exhibition



**SBO 2000**

**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.

Back from exhibition



**ZX1000**

**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

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**

**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



**PX1000**

**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.

Back from exhibition



**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



**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).

Used machine, overhauled, unpainted, available in stock



**LX 6.3**

**FEATURES:**

- Motor 1,5 kW (2 HP);
- Grinding wheel Ø127mm;
- Automatic grinding wheel down-feed;
- Magnetic chuck 630x90mm;
- Coolant pump;
- Basement

Used not overhauled, clean, working \*



## **GÖCKEL G65**

### **FEATURES:**

- Used non overhauled, clean, working;
- 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.

Used machine, overhauled, clean and working

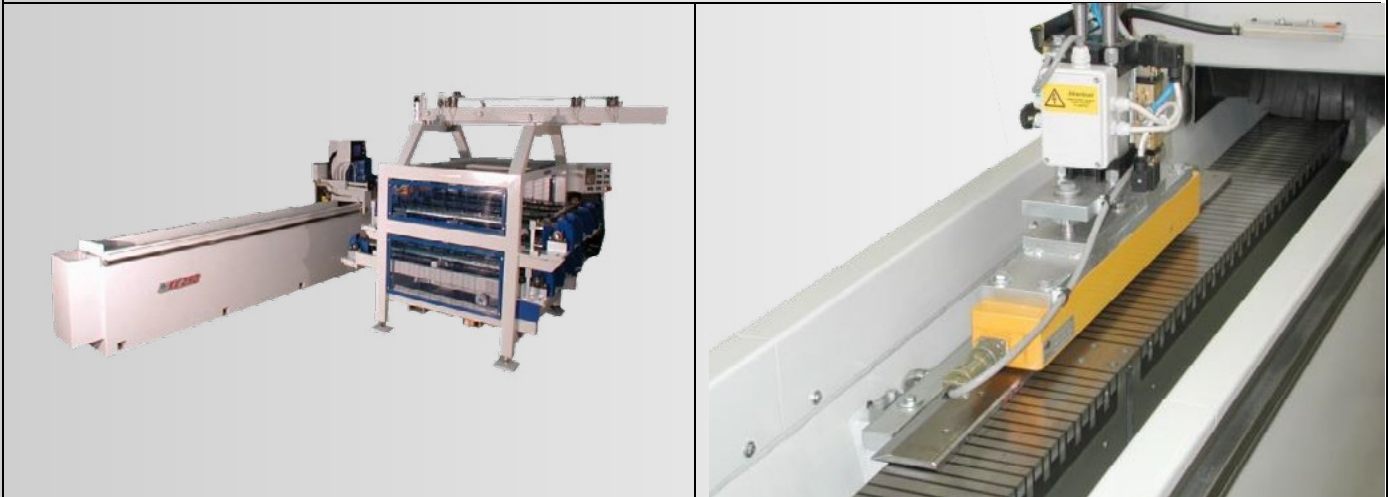


## **SME ROBUR 1200 2B WASHING MACHINE**

### **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.

\* 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  $-35^{\circ}$

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