

Laser

DURMA HDL 3015 3.5kW CNC

Sheet dimensions 3000×1500 mm;
Stainless steel up to 12 mm;
Mild steel up to 20 mm;
Aluminium up to 8 mm.

TRUMPF TruLaser 3030 Truflow 5000

Sheet dimensions 3000×1500 mm;
Stainless steel up to 15 mm;
Mild steel up to 25 mm;
Aluminum up to 10 mm;

Plasma

MGM spol. S.r.o OMNICUT 2100

Sheet dimensions 12000×2000 mm;
Mild steel up to 100 mm.

Robotic Thermal Cutting Machine Voortman V808

The Voortman V808 robotic thermal cutting machine is equipped with the new faster and more accurate versatile Panasonic TL-1800G3 coping robot.

- 8 axis, process all 4 sides
- Automatic loading during processing
- 42 m/min positioning speed
- 1250 mm working width
- 500 mm working height
- 15000 kg maximum positioning weight



Bending

Press brake DURMA AD-S 25100 CNC (4 axes)

Length of the part up to 2550 mm;
Bending power 100 t.



Press brake DURMA AD-S 30220 CNC (8 axes)

Length of the part up to 3070 mm;
Bending power 220 t.



Rolling

Electric roller with foot control

Machining

Turning machine HAAS ST-30Y CNC

Y Axis; 457 x 584 mm, 76 mm bar, 806 mm swing, 50.8 mm Y-axis travel, 22.4 kW vector drive, 3400 rpm,



2x Milling machine HAAS VF3-SS CNC

Super Speed Vertical Machining Center; 1016 x 508 x 635 mm, 40 taper, 22.4 kW vector drive, 12,000 rpm



Milling machine ZAYER 20 KFU 2500 CNC
X axle 2208 mm, Y axle 1209, Z axle 1005mm. Max weight on table 8000 kg, 3 axles CNC. Spindle Swivel head 2 positions (vertical and horizontal);
Table surface 2500×1000 mm



Horizontal boring machine Wotan B75M Iberica
Conventional table type boring mill. X axle 1400 mm, Y axle 1000 mm, W-axle (spindle longitudinal) 800 mm;
Quill controlled 600 mm;
Table rotates – b axis 360 degrees, Table area 1000 x 800 mm, max load 1500 kg



Turning machine Monforts RNC4
CNC lathe – inclined bed machine, Circulation diameter over bed 420 mm
Turning length 600 mm
Travel distance – x 250 mm
Travel distance – z 620 mm
Turning diameter above the cross slide 280 mm



Turning machine TOS SUS 80
Mechanical manual lathe with steady Rest, Inch & metric thread.
Max. processing diameter:
Over bed: 840 mm
Over support: 530 mm
Max. work-piece weight at 7,1 rpm: 6000 kg



Turning machine SMTCL CA6250B

Mechanical manual lathe.

Max. Swing Diameter: 610Mmm, travel X
– 500 mm, travel – Z 1500mm

Herman Kolb heavy radial drilling machine HKH80-2500

boring depth 600 mm

max. boring pressure 3.000 kg

Milling machine TOS FGV32

Table size 360 x 1400 mm

Working area along X-axle: 1020 mm

Working area across Y-axis: 320 mm

Working area vertical Z-axis: 435 mm

Welding

At RK Machinery we have approved MIG/MAG and TIG welding procedures for the following materials in thicknesses up to 80mm:

Mild Steel

AISI 304/304L

AISI 316/316L

Duplex

We have experience in mild steel construction, stainless steel food mixers and cleaning units, decorative stainless steel construction, and machinery welding.

Our welding quality assured by certified IWE and VT, PT, MT NDT inspectors. RT can be achieved with 3rd party.

At our facility we have two separate welding departments for mild and stainless steel. Each department have 2 pcs. 10t cranes.

