



4M Specijalni Alati doo

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ERSTE BANK A.D. NOVI SAD
IBAN: RS35340000001100413326
SWIFT CODE : GIBARS22

CNC Lathe

1.Mori Seiki NL 2500

Max turning Diameter 356 mm
Bar capacity 80mm
Max turning length 1250mm (4 axis with driven turret)

2.Mori Seiki NL 2000

Max turning Diameter 356 mm
Bar capacity 65mm
Max turning length 600mm (4 axis with driven turret)

3.Mori Seiki NL 1500

Max turning Diameter 356 mm
Bar capacity 51mm
Max turning length 600mm (4 axis with driven turret)

4. Mori Seiki SL 15

Max turning Diameter 220 mm
Bar capacity 42mm
Max turning length 400mm (4 axis with driven turret)

5. Mori Seiki NZ1500 T2Y2

Bar capacity 52mm
2 spindle, 2 Y axis +65/-45
X axis travel-210mm
Z axis travel-810mm
Turning length max 1130 mm/810 mm
Turning Diameter max 200 mm
(16 position driven toolposition)-Turret 1
(16 position driven toolposition)-Turret 2

CNC Machining center

1. DMC 1035

Travel(X/Y/Z) 1035x560x510 mm
Maximum weight on table 1000 kg
3 axis ; 12000 r.p.m.

2. DMU 70 evo

Travel (X/Y/Z) 750x520x520 mm
Maximum weight on table 350 kg
5-axis simultaneous ; 18000 r.p.m.

3. DMU 50 evo 2001

Travel (X/Y/Z) 500x420x380 mm
Maximum weight on table 250 kg
5-axis simultaneous ; 18000 r.p.m

4. DMU 70 evo 2003

Travel (X/Y/Z) 750x520x520 mm
Maximum weight on table 350 kg
5-axis simultaneous ; 18000 r.p.m.

5. DMU 70 evo 2004

Travel (X/Y/Z) 750x520x520 mm
Maximum weight on table 350 kg
5-axis simultaneous ; 18000 r.p.m.

6. Schaublin 44 1991

Travel (XYZ) 520x520x400 mm
Maximum weight on table 350 kg , 4.5 axis
C=360° , B=Horizontal/Vertical, 7000 r.p.m
2 pallets 400x300

7. Dmu 80 P 1998

Travel X/Y/Z 800x700x600 mm
C=360° A=45° , B=Horizontal/Vertical , 4.5 axis
Maximum weight on table 400 kg , 8000 r.p.m.

8. DMC 60 U hi-dyn

Year of construction 2004

CNC control HEIDENHAIN TNC 426

Working range: X-axis (cross stroke milling carriage) 600 mm

Z-axis (vertical stroke milling carriage) 700 mm

Y-axis (table movement) 600 mm

Swivel range of the milling head (B-axis) approx. -7 to 180 °

Table speed (C-axis 360 °) approx. 20 rpm

Workpiece size approx. Approx. 580 x 550 high

Table / pallet size 630 x 500 mm

Table load on one side / both sides approx. 600 / 1.200 kg

Pallet change time approx. 20 sec.

Spindle speeds 20 to 12,000 rpm.

CNC machine

1. **Eroding machine Deckel CNC**
Travel 400x300x350 , 4 axis
2. **Wire cutting machine Fanuc alfa 1C**
X/Y/Z 520x370x300 mm
3. **Wire cutting machine Fanuc alfa - Robocut C600iC - YOM-2018**
X/Y/Z 600x400x310 mm
4. **CNC band saw Kasto twin AE 4**
Cutting area Ø 400mm
5. **CNC band saw Jaespa 320**
Cutting area fi 320 mm, Cutting area square 320mmx320mm
6. **3D Coordinate measuring machine CMM DEA Hexagon 2020 YOM**
X/Y/Z 700x500x500 mm
7. **Fiber Laser Marking Machine CNC**
8. **Fiber Laser Marking Machine CNC**
9. **Zoller Tool presetter**
10. **Zoller Tool presetter smile/pilot 1.0 2020-YOM**

Conventional machine

1. **Lathe Potisje Ada PA-501**
Maximum turning length 1500 mm
Maximum turning Diameter 400
2. **Lathe Potisje Ada PA-25**
Maximum turning length 700 mm
Maximum turning Diameter fi 480
3. **Milling machine NOVAR**
Travel X/Y/Z 1200x300x380 mm
Maximum weight on table 350 kg
4. **Slotting machine Pratt & Witney**
Maximum diameter 500 mm
Maximum length 160mm
5. **Broaching machine**
Maximum width 16 mm
Maximum length 100 mm
6. **Surface grinding machine - Kikinda**
Travel X/Y/Z 700x300x350 mm
7. **Universal grinding machine- Kikinda**
Maximum grinding diameter fi 320mm ,
Maximum grinding length 1200mm,
Internal grinding spindle
8. **External grinding machine - Tos**
Maximum grinding diameter fi 260mm ,
Maximum grinding length 800mm
9. **Internal grinding machine**
Maximum grinding diameter fi 500mm ,
Maximum grinding length 500mm
10. **External grinding machine - Studer**
Maximum grinding diameter fi 200mm ,
Maximum grinding length 400mm
Internal grinding max. 50mm