

MACHINE PARK



ACCUWAY UM - 85
Vertical Machining Center

Size: (X) 850 mm x (Y) 550 mm x (Z) 550 mm

- 24-station, swing-arm automatic tool changer .
- Spindle speed 10.000 (12.000) rpm
- Belt driven spindle design
- Table dimension: 1.100 x 600 mm
- FANUC Oi-M controller with LCD monitor.
- Linear guides on all axis.
- AI contour control AICC I (AICC II)
- X/Y/Z feed motor 3/3/4 kW
- Spindle motor power(Cont. / 30min)11(18.5) kW



AGMA VMC - 115
Vertical Machining Center

Size: (X) 1.100 mm x (Y) 550 mm x (Z) 580 mm

- High rigidity structure
- Oil Circulating Cooling System for Spindle
- Calibration with laser interferometer is performed and certified by PMC
- Enhanced Base Design
- 24 Tools Magazine
- Max. Table Load 800 kgs
- Positioning Accuracy ± 0.005 mm
- Repeatability ± 0.003 mm



AGMA BDO - 2217
Bridge Type Double Column
Vertical Machining Center

Size: (X) 2.200 mm x (Y) 1.600 mm x (Z) 1.000 mm

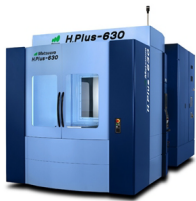
- Y-axis travel: 1.600 mm / 2.100 mm / 2.600 mm
- Z-axis travel: 1.000 mm (standard)
- Z-axis travel: 800 mm (option)
- Width Of Table: 1.500 mm / 2.000 mm / 2.500 mm
- 32 Tools Atc
- X-Axis Twin Chip Screws On Table Sides
- Exchange Tool Arm
- Max. Table Load: 6.000kgs
- Positioning Accuracy: ± 0.01 mm
- Repeatability Accuracy: ± 0.003 mm



YOU JI - VMC 850
Vertical Machining Center

Size: (X) 850 mm x (Y) 600 mm x (Z) 600 mm

- X-axis travel: 850 mm
- Y-axis travel: 600 mm
- Z-axis travel: 600 mm
- Table load capacity: 800 kg
- Spindle speed: 8.000 rpm
- Max. Table Load: 800 kgs
- Positioning Accuracy: ± 0.005 mm
- Repeatability: ± 0.003 mm



MATSUURA H.Plus-630
Horizontal Machining Center

Pallet Size: 630 mm x 630 mm

- Max work size: \varnothing 1.050 x H 1.115
- Spindle speed: 12.000 rpm :BT50
- Number of pallets: 2
- Travel: (X) 1.050 mm x (Y) 920 mm x (Z) 990 mm
- Loading capacity: 1.200 kg
- NC System: Matsuura G-Tech 31i



DOOSAN HP 5100
Vertical Machining Center

Pallet Size: 500 mm x 500 mm

- Travel: (X) 850 mm x (Y) 700 mm x (Z) 750 mm
- 4 axes
- Double pallet
- CNC: Fanuc 18i-MBRotary pallet (Axis B)
- Area: 500 mm x 500 mm.
- Spindle: 40 DV / Cat.
- with station of 60 tools
- B = 360 degrees - 0,001 incremental degrees
- Spindle speed: 12.000 rpm



HYUNDAI WIA L300 A
CNC Turning Lathe

Max Turning Diameter: \varnothing 750 mm
Max Turning Length: 720 mm

- Spindle speed: 3.600 rpm
- Spindle Output: 22 kW (29.5 HP)
- Travel: (X) 290 mm x (Z) 750 mm
- Controller: HW F i series
- Chuck Size: 12"
- Spindle RPM: 3.600 r /min
- Driving Method: Gear
- No. of Tools: 12



DOOSAN S 310 N
CNC Turning Lathe

Max Turning Diameter: \varnothing 500 mm
Max Turning Length: 700 mm

- Spindle Speed: 4.500 rpm
- Spindle Output: 15 kW
- Travel: (X) 200 mm x (Z) 450 mm
- Controller: FANUC Dit
- Machine Weight: 3.306 kg



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HYUNDAI WIA L280 LM
CNC Turning Lathe with C-axis

Max Turning Diameter: Ø 300 mm
Max Turning Length: 1.000 mm

Spindle speed: 3.500 rpm
Spindle Output: 22 kW
Travel: (X) 220 mm x (Z) 1.120 mm
No of Tools: 12
Driving Method: Belt
Milling Tool Speed: 4.000 r/min



YOU JI YV 1600
CNC Vertical Lathe

Max Swing Diameter: Ø 2.000 mm
Max Turning Diameter: Ø1.800 mm
Max Turning Height: 1.200 mm

Max work piece weight: 8.000 kg
Spindle speed: 250 rpm



GOODWAY SW 32
CNC Precision Automatic Lathe

Max Machining Diameter: Ø32 mm
Max Turning Length: 315 mm

Spindle speed: 7.000 rpm
Spindle Output: 5,5 / 7,5 kW
Spindle Height: 1.060 mm
NC Control: FANUC 3Ti
Spindle motor: 5,5 / 7,5 kW
Sub-spindle speed: 8.000 rpm
Rapids: 30 m/min



MAZAK INTEGREGX 200 SY
CNC Turning Center

Max Turning Diameter: Ø540 mm
Max Turning Length: 1.018 mm

Travel: (X) 540 mm x (Y) 140 mm x (Z) 1.065 mm
Spindle speed: 5.000 rpm
Spindle Output: 22 kW
Weight: 7.485 kg approx



TRENS SN 50 C
Universal Lathe

Max swing over bed: Ø 500 mm
Distance between centers: 2.000 mm

Height of centers: 250 mm
Bed width: 340 mm
Max spindle speed: 2.000 rpm
Number of gears: 24
Spindle output: 5,5 kW
Travel: (X) 300 mm x (Z) - depends on damping device



WEIPERT LATHE 1.100 x 2.000
Universal Lathe

Turning diameter: Ø 1.100 mm
Turning Length: 2.000 mm

Height of centers: 550 mm
Length between centers: 2.000 mm
Ø above transversing slide: 780 mm
Max workpiece weight: 5.000 kg
Spindle nose: 55022 / II
Spindle bore: 128 mm



PAI - DEMM DS - 180
Gear Shaping Machine

Ø 300 mm x 110 mm

Maximum module: 5 mm
Maximum diameter of the gear wheel: 180 mm (internal gear wheel)
Maximum number of strokes of the slider per minute: 2.000 / min
Machine weight: 6.600 kg



MITUTOYO CRYSTA - APEX S 9106
Coordinate Measuring Machine

Range: 900 mm x 1.000 mm x 600 mm

Air supply: Pressure = 0,4 MPa
Loading Weight: 1.200 kg
Mass Weight: 2.231 kg
Max drive speed: 519 mm/s (3-axis)
EO.MPE:
with SP25M: (1,7+4L/1000) µm;
with TP200: (1,9+4L/1000) µm;
with TP20: (2,2+4L/1000) µm;
L = measured length [mm]
3D Acceleration: 2.309 mm/s²
Temperature compensation from 16° to 26°C,
including the workpiece (2 contact sensors)



KESMAK KMO 280
Bandsaw Machine

Capacity - Round: Ø 280 mm
Capacity - Square: 270 mm x 270 mm
Capacity Rectangle: 210 mm x 340 mm

Blade drive: 1,5 kW
Hydraulic pump: 0,18 kW
Coolant pump: 0,12 kW
Feeding motor: 0,37 kW
Blade size: 3.660 mm x 27 mm x 0,9 mm
Feeding Height: 725 mm
Vice max opening: 355 mm
Vice height: 170 mm



KARL KLINK r-1200
Broaching Machine

Stroke: 1.320 mm

Tensile strength: 5000 kg at 3 m/min (3000 kg at 7 m / min)
Broaching tool clamping: universal pulling head for flat tops
Through-bore in the clamping table: Ø 100 mm

