



HORIZONTAL WORKING STATIONS

1x MCM Self-Contained Workstation mod. CLOCK TANK 1200 MP10

Specifications: spindle at 15,000 rpm – 4 axes and rotary table at 360,000,000 div. – axes stroke: X-1,100 Y-850 Z-670 – tool repository: 450 places – tool attachment: HSK A63 – pallet repository: 10 places

2x MCM Workstation mod. CLOCK 800 MP4

Specifications: spindle at 15,000 rpm – 4 axes and rotary table at 360,000 div. – axes stroke: X-800 Y-700 Z-470 – tool repository: 72 places – tool attachment: HSK A63 – pallet repository: 4 places

1x MORI SEIKI Workstation mod. NH5000

Specifications: spindle at 15,000 rpm – 4 axes and rotary table at 360,000 div. – axes stroke: X-630 Y-650 Z-470 – tool repository: 60 places - tool attachment: HSK A63

1 x KIWA Workstation mod. KIWA KH-45

Specifications: spindle at 15,000 rpm – 4 axes and rotary table at 360,000 div. – axes stroke: X-640 Y-610 Z-680 – tool repository: 120 places - tool attachment: ISO 40

WORKSTATIONS 5 AXES

X 1 Workstation 5 Axis HERMLE C 400

Technical Specifications: Workstation vertical 5 Axes
axes stroke: X-850 Y-700 Z-500 collision circle Ø 885 x 625 Swivelling Range +91° -139° WarmGear 360.000
Spindle HSK 63 at 18.000 rpm
Tool repository: 88 places
CNC HEIDENHAIN TNC 640

X 1 Workstation 5 Axes MCM CLOCK 800 Multipallet

Technical Specifications: Workstation Horizontal 5 Axes
axes stroke: X-800 Y-800 Z-800 collision circle Ø 900 x 950
Swivelling Range +35° -105° WarmGear 3.600.000
Spindle HSK 63 at 15.000 rpm
Tool repository: 250 places Pallet dim.500 x 500
Pallet change 7 position with Supervision System JFMX
CNC FANUC 31i-B5

VERTICAL WORKING STATIONS

1x HAAS Workstation mod. VF 9 B40HE

Specifications: spindle at 8.000 rpm – 3 axes and rotary table at 360,000 div. – axes stroke: X-2,000 Y-1,000 Z-700 – tool repository: 40 places - tool attachment: ISO 40

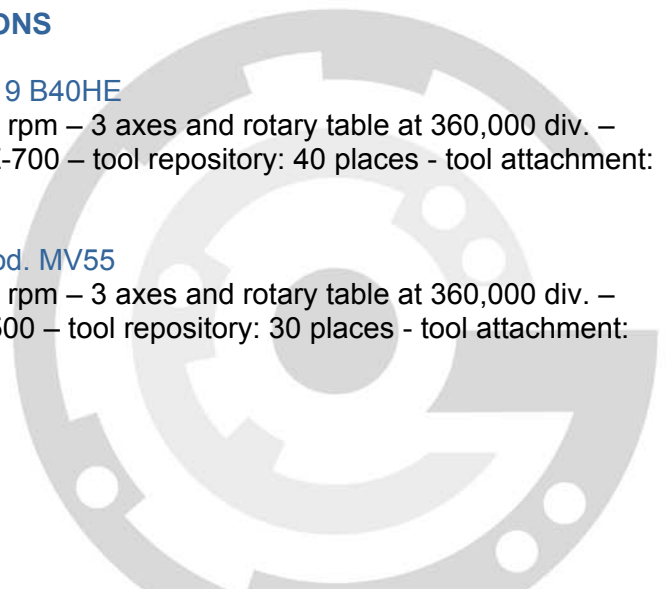
1x MORI SEIKI Workstation mod. MV55

Specifications: spindle at 3,500 rpm – 3 axes and rotary table at 360,000 div. – axes stroke: X-1,000 Y-600 Z-500 – tool repository: 30 places - tool attachment: BT 50

GHIDONI SRL

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LATHES AND TURNING CENTERS MULTITASKING

1 x Turning centres OKUMA mod. MULTUS U 4000 1SW

Technical Specifications: Upper turret milling B-axis continuous rotating chuck CAPTO C6 a 12,000 rpm Lower Turret Lathes 12 positions Main spindle motors BIG BORE ASA 12 a 3200 rpm(32KW) Secondary Chuck ASA 8 a 4200 rpm (22KW) Precision C axis 1/10 µm Turning diameter max Ø 650 x 1500 Y axis 300 mm. Tool repository: 80 places

1x MAZAK Lathe Station mod. INTEGREGX 400Y MARK IV

Specifications: ASA12 spindle 3,300 rpm and lathe head at 12,000 rpm – 5 axes - working stroke Ø 400x1,500 – CNC MATRIX – bezel – tailstock - tool repository: 40 places - tool attachment: CAPTO

1x CNC DOOSAN Lathe mod. PUMA 3100Y with axe Y

Technical Specifications: spindle ASA A2-11 at 3.000 rpm and rotation speed of driven tools at 5.000 rpm - motorized tool turret with 12 stations working stroke Ø 550 x 1.350 – C-axe 360.000 div Y-axis 130 mm Automated bar loader Ø 102 x 1.500

1x CNC MORI SEIKI Lathe mod. SL303 with axe C

Specifications: spindle at 3,000 rpm and angular lathe head at 3,500 rpm - working stroke Ø 350x600 and automated bar loader Ø 85x1,500 – 10-tool turret

1x CNC GOODWAY Lathe mod. GS400 LM

Specifications: ASA15 spindle at 2,500 rpm - working stroke Ø 650x1,900 – 12-tool motorized turret

TRADITIONAL MACHINES

1 x SIBIMEX

parallel lathe, max workable area Ø 450x1,500

1 x PHOEBUS

vertical milling machine with viewer, working stroke X-700 Y-400 Z-400

1 x SERRMAC

column drilling and milling machine with viewer, working stroke X-500 Y-300 Z-300

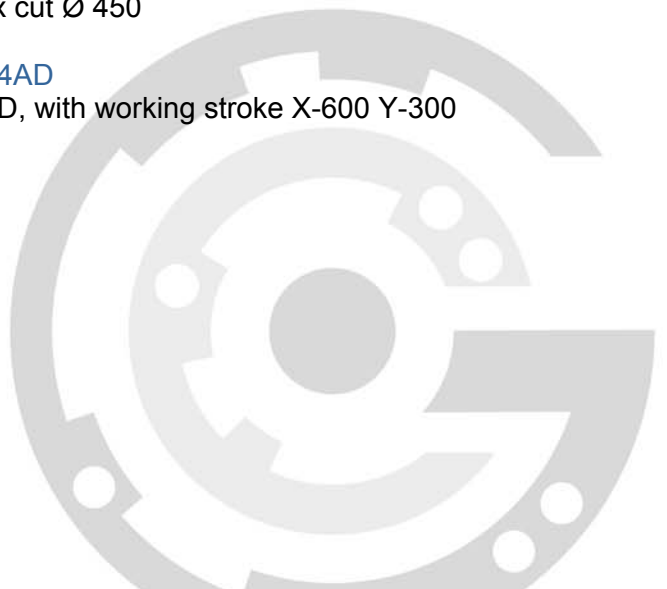
OTHER MACHINES

1 x CNC SCOTEGAGNA mod. RUSH 400

A cutter mod. RUSH 400A, max cut Ø 450

1 x SUPERTEC mod. STP-1834AD

plane grinder mod. STP-1834AD, with working stroke X-600 Y-300



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PRECISION
MACHINING
OPERATIONS

METROLOGY ROOM

1x CNC

machine for 3D testing in continuous ZEISS scanning, mod. ACCURA XT 12-18-10, working stroke X-1200 Y-1800 Z-1000

1x TESASTAR

machine for 3D testing mod. MICRO-HITE 3D, working stroke X-400 Y-400 Z-300

1x TARAL

measurement instrument testing machine (for gages, micrometers, bore gages, etc.), dimensions max 300mm

AUTOMATIC STORAGE SYSTEMS

NR 01 Automatic storage systems LISTA LIFT mod. 3100S

Specifications: drawers 3.100x857 size = H = 120 - the single drawer capacity: 500 kg - Number of drawers: 30 - networked and possibility of PC remote management connection

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