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LIST OF MACHINES

rev.09

Machining center MANDELLI mod. REGENT U 1500

- longitudinal travel X 2800 mm
- vertical travel Y 2000 mm
- transversal travel Z 1500 mm
- automated head U 50 2 positions - spindle power 32 KW – 2000 rpm
- revolving table 1000x1250 36.000 positions
- exchanger pallet Shuttle 2 tables - capacity Kg. 2800
- tool change 60 places
- control CNC PLASMA

Standard travelling boring-machine CORREA L-30/43

- longitudinal travel X 4300 mm
- vertical travel Y 2000 mm
- transversal travel Z 1250 mm
- automatic revolving head 2 positions - spindle power 30 KW – 3000 rpm

- revolving table Taboni 1250x1250 720 positions - capacity Kg. 10.000
- tool change 40 places
- control CNC HEIDENHAIN 415

Horizontal machining center OKUMA MA-60 HB

- longitudinal travel X 1000 mm
- vertical travel Y 800 mm
- transversal travel Z 810 mm
- spindle power 20 KW – 5000 rpm
- revolving table 630x630 360 positions with two stations exchanger pallet
- tool change 40 places
- control CNC OSP-U100M

Horizontal machining center OKUMA MA-600 HB

- longitudinal travel X 1000 mm
- vertical travel Y 900 mm
- transversal travel Z 1000 mm
- spindle power 22 KW – 6000 rpm
- revolving table 630x630 360 positions with two stations exchanger pallet
- tool change 60 places
- control CNC OSP-E100M

Horizontal machining center OKUMA MA-500 HB

- longitudinal travel X 700 mm
- vertical travel Y 900 mm
- transversal travel Z 780 mm
- spindle power 22 KW – 6000 rpm
- revolving table 500x500 360 positions with two stations exchanger pallet
- tool change 60 places
- control CNC OSP-E100M

Vertical machining center HEDELIUS mod. BD100 6500

- longitudinal travel X 6500 mm
- vertical travel Z 770mm
- transversal travel Y 1000mm
- spindle power 50 KW – 5000 rpm
- capacity Kg. 6500
- tool change 30 places
- control CNC HEIDENAIN 530
- shuttle machining

Universal Milling-machine MAZAK VTC-800/30 SR

- longitudinal travel X 3000 mm
- longitudinal travel Y 800 mm
- longitudinal travel Z 720 mm
- spindle power 35 KW – 18000 g/min
- stepless vertical revolving table D.500
- stepless horizontal revolving table D.250
- stepless revolving vertical head +/- 110°
- tool change 80 places
- CNC Mazatrol smoothX.

Vertical machining center MAZAK AJV-25/405

- longitudinal travel X 1000 mm
- transversal travel Y 508 mm
- vertical travel Z 460 mm
- spindle power 18,5 KW - 3150 rpm
- stepless revolving table Tsudakoma RNCV-301 D.320
- tool change 60 places
- control CNC 4 axis MAZATROL M32

Vertical machining center HIUNDAY SPT V550D

- longitudinal travel X 570 mm
- vertical travel Z 410 mm
- transversal travel Y 580 mm
- spindle ISO40 0-10000 rpm
- tool change 24 places
- control CNC SIEMENS SINUMERIK 840D

Horizontal turning center HWACHEON HI TECH 700

- maximum cutting diameter 700 mm
- swing over bed 900 mm
- maximum cutting length 2000 mm
- through spindle diameter 115 mm
- spindle power 37/30 KW
- spindle speed 1800 rpm
- turret capacity 12 tools 32x32
- control FANUC 18i-TB

Horizontal turning center CNC VEGA

- maximum cutting diameter 400 mm
- maximum cutting length 600 mm
- spindle power 19 KW
- control OSAI 8600

Grinding machine ROSA IRON

- longitudinal travel 550 mm
- transversal travel 610 mm
- vertical travel 680 mm
- table 1500x450 mm
- capacity Kg. 1500
- grinding wheel dimensions D.400 x 60 x D.127
- grinding wheel motor power 7,4 KW

Coordinate measuring machine DEA Gamma 2205

- longitudinal travel X 2540 mm
- vertical travel Z 1020 mm
- transversal travel Y 1020 mm
- Tesa Star M (5 Axis) Automatic Probe System

Assembly department

CAD/CAM Programming station TOPSOLID