

MACHINING DEPARTMENT

Working capability

- 1 vertical lathe Morando
4 axes, maximum turnable diameter 1800x1200mm, 93kW spindle, C.N.C. ECS 2702D
- 1 vertical lathe Morando
maximum turnable diameter 2400x2500mm, 93kW spindle, C.N.C. ECS2702D
- 1 vertical lathe Morando
maximum turnable diameter 2400x2500 mm, 140kW spindle, C.N.C. ECS 2700D
- 1 vertical lathe Morando
maximum turnable diameter 3000x2500mm, 200kW spindle, C.N.C. ECS 2700D
- 1 vertical lathe Pietro Carnaghi
maximum turnable diameter 2200X1600mm, 100kW spindle, C.N.C. ECS 2402
- 1 vertical lathe Schiess Pensotti
maximum turnable diameter 1200x1000mm, 63kW spindle, C.N.C. ECS 2402,
self-centering Autoblock diameter 1250mm
- 1 vertical lathe IMT W32
maximum turnable diameter 800x500mm, 43kW spindle, C.N.C. Fanuc 18I
- 2 vertical lathes IMT S32
maximum turnable diameter 800x500mm, 43kW spindle, C.N.C. Siemens 840C
- 1 centre late Pietro Pontiggia
maximum turnable diameter on bed 2800mm, turnable diameter on carriage
2800x8000mm, 63 + 63kW spindles, C.N.C. ECS 2700D
- 1 centre lathe Leopoldo Pontiggia
maximum turnable diameter on bed 1200mm, turnable diameter on carriage
630x9000mm, 42kW spindle, C.N.C. ECS 2700D, self-centering Autoblock
diameter800mm
- 2 working centre Mandelli Regent 1200
axes strokes X 2800mm, Y 1300mm, Z 1300mm, B 360.000 positions, nr.2 pallets 1250mm
X 1250mm, maximum load 6 t, nr.60 tools locations, 38kW spindle, C.N.C. ECS 2401

- 1 working centre Mandelli Regent 1500
axes strokes X 2400mm, Y 1600mm, Z 1600mm, B 360.000 positions, N. 3 pallet 1.500mm X 1.500mm, maximum load 10 t, nr.60 tools locations, HOVER head, 38kW spindle, C.N.C. ECS 2801
- 1 working centre Mandelli Thema
axes strokes X 2800mm, Y 1600mm, Z 1600mm, B with 360.000 positions, maximum load 14 t, n.80 tools locations, 38kW spindle, C.N.C. ECS 2801
- 1 working centre Pama AP130
axes strokes X 2000mm, Y 2000mm, Z 2000mm, W 1000mm, maximum load 12t, n.120 tools locations, 36kW spindle, C.N.C. ECS 2801
- 1 boring machine Ceruti Cerumatic 130
axes strokes X 10500mm, Y 3000mm, Z 634mm, maximum load 50t, n. 80 tools locations, 29.5kW spindle, C.N.C. ECS 2801
- 1 working centre Pama SPEEDRAM 2
axes strokes X 12000 mm, Y 3600 mm, Z 700 V 800 mm, W 1500 mm, n.257 tools locations, maximum load 2000 x 2000 mm 25000 kg, 4150 x 9000 mm, spindle 160 kW, C.N.C. ECS 2801
- 1 working centre Colgar
axes strokes X 13000 mm, Y 3500 mm, Z 800 W 1000mm, n. 185 tools locations, maximum load 1600 x 2000mm 12000kg, max 2000 x 2500mm 30000 kg, 5000 x 5000 mm, spindle 160 kW, C.N.C. ECS 2801
- 2 working centre MCM
Pallet 800 x 800 mm – axes strokes: X 1000 mm, Y 800 mm, Z 800 mm, balls range from 6” to 20”, 86 kW installed power, C.N.C. ECS 4802
- 1 lathe and grinder working centre Heller
6 axes, maximum spherical diameter 2.920mm, balls range from 20” to 80”, maximum load 30t, 146kW, C.N.C. ECS 4802
- 1 grinder for ball valves Gornati
6 axes, maximum spherical diameter 1000mm, balls range from 6” to 20”, 46 kW, C.N.C. ECS 4802
- 1 opposite wheels grinding centre
6 axes, maximum spherical diameter 2920mm, balls range from 38” to 80”, 136 + 136kW, C.N.C. ECS 4802
- 1 grinding machine Smmaltz
cup wheel diameter 500mm, maximum piece size 1500 x 1000 x 3000mm, 86kW
- 1 working centre Heller
6 axes, maximum spherical diameter 2.920mm, balls range from 20” to 80”, maximum load 50t, 196 kW installed power, C.N.C. ECS 4802.

- 1 grinding centre Gornati
6 axes, maximum spherical diameter 1200 mm, balls range from 6" to 30", 86 kW installed power, C.N.C. ECS 4802
- 1 centre lathe C.N.C.
maximum diameter on carriage 2500 x 5000 mm
- 1 working centre for balls turning and grinding with C.N.C.
maximum spherical diameter 2920 mm, balls range from 20" to 80"
- 1 flat grinder
cup grinding diameter 200 mm.

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