



Aeronautic Construction & Maintenance

Machining Centres:

Vertical Machining Centres CNC-5 double-axis pallet:

- Mazak Variaxis 730- Table Dimension: $\phi 630 \times 500$ -10.000rpm; 30HP Max Working Piece dim. $\phi 730 \times 500$ –ISO50
- Mazak Variaxis 630- Table Dimension: $\phi 630 \times 500$ -12.000rpm; 30HP Max Working Piece dim. $\phi 730 \times 500$ –ISO40
- Mazak Variaxis 500- Table Dimension: $\phi 500 \times 400$ -12.000rpm; 30HP Max Piece dim. $\phi 500 \times 405$ –ISO40
- Mazak VTC 300 II C Table Dimension: 2000×760 -12.000giri/min; 28HP Max Piece dim. $1740 \times 760 \times 660$ –ISO40

Horizontal Machining Centre Mandelli M7 CNC Plasma- 5 Axis 3° pallets- Travels:1000x1000x800

Vertical Machining Centre DMGT50 3 axis + 2 Manual with Position Displays - CNC Heidenhain 430 Travels:500x500x400-KVA17

Milling Machine SECMU C6M2-CNC FIDIA Travels:1860x665x930-KVA40

Lathes:

- Lathe CNC UTITA T200 Travels: $\phi 420 \times 1000$ -KVA25
- Parallel Lathe with Display MORANDO PL40-Travels: $\phi 810(1140) \times 1500$ -KVA25
- Lathe STANKOIMPORT 16K20 Travels: $\phi 500 \times 1500$ -KVA11
- Parallel Lathe MISAL 819-Travels: $\phi 500(720) \times 1500$ -KVA12

Milling Machines:

- Universal Manual Milling Machine SUPERMAX YCM-2GS Travel: $1000 \times 300 \times 450$ -KVA10,0
- Manual Vertical Milling Machine STANKOIMPORT 6P12 Travels: $800 \times 250 \times 420$ -KVA13,5
- Dual-Head Trace Milling Machine RAMBAUDI RAMCOP H2-VR4-Travels: $1020(2T 510) \times 515 \times 200$ -KVA15(2x5,5+4)

Saws

- Semi-Automatic Horizontal Band Saw FMB Mod. Pegasus $\phi 320/320 \times 500$ -KVA 2,5
- Mobile Bench Vertical Band Saw BONETTI Opus 600TM- Max 600×500 -Travels 500-KVA 5,5

Bending Press/Mechanical Shears COLGAR1214/20-AVM Capacity:6x1900-20Ton-KVA 3,5

Arc Welder TIG CASTOTIG2002-AC/DC -KVA5

Seam Welder MIG CEA MAX1470-KVA5

Vacuum Pump

Mobile Purging Unit for on board Converters P/N: AVM-93005-000

Mobile Purging Unit for Liquid Oxygen Containers

Liquid Oxygen Sampler P/N: AVM-93003-000

Presetting Machine ELBO CONTROLLI E238- $\phi 280 \times 380$

Temperature Controlled Metro logical laboratory equipped with primary and secondary dimensional measuring

Profile Tester ZEISS Contura G2 RDS/Vast xxt / Profile Tester 3D-MDM-Catrin II-KVA 0,5

Workshop Durometer GALILEO D200

Profilometer

Vacuum Gauge from 2000mTorr a 1mTorr

Datum for length, pressure, hardness and smoothness calibrated by SIT Centres.

