

Technological equipment

Milling



EMCO U-Mill 750

5-axis milling

Ø	750x600 mm
X	750 mm
Y	610 mm
Z	500 mm



EMCO MaxxMill 500 2x

5-axis index milling

Ø	550 mm
X	650 mm
Y	600 mm
Z	550 mm



EMCO Mill 1200

3+1-axis milling

Rotary table Ø	250 mm
X	1200 mm
Y	610 mm
Z	500 mm



HURCO VMX 24

3-axis milling

X	610 mm
Y	510 mm
Z	610 mm



SCM Record 220

2,5 – axis milling, vakuum table, nesting

X	3000 mm
Y	1220 mm
Z	250 mm



KIMLA

3 – axis milling, vakuum table, nesting,
threading spindle

X	4200 mm
Y	2100 mm
Z	300 mm



FANUM Lambda GT

5-axis milling, vacuum table

X	3100 mm
Y	2100 mm
Z	1000 mm
B,C osa	

Turning



Doosan Puma 240 MC

Mill-turn center

Ø 295 mm
passage of the spindle 76 mm
C-axis, driven tools, NC tailstock
Z 505 mm



EMCO MAT E-300

mechatronic lathe

Ø 340/480 mm
passage of the spindle 108 mm
C-axis, driven tools
X mm
Y mm
Z 1500 mm



EMCO Turn 45 SMY

mill-turn center

Ø 300 mm
passage of the spindle 45 mm
C-axis, driven tools, second spindle
X 160 mm
Y +40/-30 mm
Z 510 mm
Bar Feeder 3000 mm

Cutting:



Panhans 690 B

Max. cutting parameters

X	3100 mm
Y	1200 mm
Z	120 mm



SCM Si 5 Invincible

Max. cutting parameters

X	3200 mm
Y	1500 mm
Z	204 mm



Pilous ARG 400 plus S.A.F.

Max. cutting parameters

max. pr.	400 mm
max. pr. při +60°	190 mm

Planing:



Robland D630

max. width	630 mm
max. height	300 mm

Other equipment:

Bending:



Shannon HRP 220 + Fixing Table

x	2000 mm
y	1000 mm
3 heating zones	upper / lower
Fixing Table	5°-135°

Vacuum membrane press + heating:



RM Strojex VDL 3000

Max. parameters

length	2700 mm
width	800 mm
height	450 mm

Tempering:



Chamber tempering furnace

Controlled tempering and cooling process

Measurement, control:



Wenzel LH65

3D CMM with scanning module



Mitutoyo

Profile projector with optical element



MarSurf

Roughness tester

Other gauges:

Calipers, micrometers, gauges, angles, etc.

Tool adjuster



EZset TN-IC2

Marking and description of products



Fiber laser

Max. parameters

Description area 110x110 mm
Rotary axis

Engraving DGF 1200

Max. parameters

X 1200 mm
Y 800 mm
Z 50 mm

Other equipment:

column drill BF46 Vario;
CNC vertical moulder; sandblasting box;
Munsch welding extruder (PP, PE, PVDF, PVC); welding
extruder K-SB40 (PE, PP);
Leister and Wegener plastic welders, Wegener 100
high voltage weld tester;
hand power tools

Material handling:

vacuum plate manipulator; forklift;