

GOHR

**MACHINERY AND
EQUIPMENT**

1. LATHES

Name / type of equipment	Type	Parameters
CNC Centre lathe	C-TURN 315/3000	500, L=2700 mm
Universal centre lathe	SN 50 C	320, L=1500 mm
Universal centre lathe	SU50A/1500	320, L=1500 mm
Universal centre lathe	SUI 63/2000	350, L=2000 mm
Universal centre lathe	EE 500/3000	320, L=3000 mm
Universal centre lathe	SN71C	420, L=2000 mm
Vertical lathe - carousel	SKJ-12	1300, v=1250 mm, (Gmax6000 kg)

2.MILLING

Name of equipment	Type	Standard work surface [mm]
CNC Milling machine	MCV2000i	2100 x 1000
Horizontal milling machine	FGH32	320 x 1500
Vertical milling machine	FB32V	450 x 1400
Console milling machine	FB40V	565 x 1800
Console horizontal milling machine	FXJ40	550 x 2000
Console horizontal milling machine	FA 5V	425 x 2000

3. FLAT SHEET METAL FORMING

Name of equipment	Type	Parameters
Hydraulic 4-roller bending machine	VMR-hy 2500	2500 x 20
Hydraulic 4-roller bending machine	VMR-hy 2000	2000 x 18
3-roller bending machine	DBSM40	4000 x 35
Profile bending machine	HPR14H	U, I, L, T, 4HR

3.1 PRESSES, BENDING MACHINES

Name	Type	Parameters
Folding machine	SPEED-BEND 6100/800	800t = L-6100
Hydraulic press	PYE250	250t
Hydraulic press	P6323	40t
Hydraulic press	CDM-80	80t
Hydraulic press brake	CTO250A/4000	250t; L=4000
Motorized bending machine	XOM2000/6B	hr. pl. 6; L=4000

4. CHIP MACHINING

Name	Typ	Loading surface [mm]
Horizontal boring machine	WRD130 CNC	X=6000, Y=300, Z=800, W=560
Horizontal boring machine	WHIDCNC	X=1250, Y=1100, Z=940, W=710
Horizontal boring machine	HWC 110	1200 x 1400
Horizontal boring machine	BFT100/IV	1300 x 1500
Vertical boring machine	MERWIN	1220 x 3600
Drilling centre	CBKoZ	1400 x 2240
Horizontal boring machine	WRD150Q	Rotary table 2000x2500 X=14000, Y=3000, Z=1000, W=800

5. PLASMA CUTTING MACHINES

Name	Typ	Loading surface [mm]
Cutting machine (C2H-O2) Plasma	Vanad ARENA ForCUT 163W	2000 x 6000 mm 20 – 160 A / 150 V
Plasma cutting machine	PL 6001.20 (2004)	2000 x 6000 mm

6. WELDING AND LOCKSMITH

Cutting equipment

Rod materials – up to 400 mm using band saws

Sheet materials:

Sheet shears, up to 16 mm thick, width: 3150 mm

Oxy-acetylene cutting tool – up to 200 mm thick, table dimensions: 2 x 6 m

Plasma cutter – up to 20 mm thick, table dimensions: 2 x 6 m

Welding:

111 – Manual arc welding with a coated electrode – **MMA**

121 – Shielded metal arc welding – **SAW**

131 – Metal inert gas welding – **MIG**

135 – Metal Active gas welding – **MAG**

136 – Fluxed cored wire welding – **MAG**

141 – Tungsten inert gas welding – **TIG**

Welded materials

Groups 1.1, 1.2, 3.1 and 8 per CR ISO 15608 (S235, S275, S355, S690Q; HARDOX; WELDOX; VAUTID).

7. SURFACE TREATMENT

Sandblasting in a dedicated blasting chamber:

- Dimensions 6×15 m
- Surface finish quality: Sa 2,5

Painting in a 6 x 15 m spray booth with high pressure spraying equipment

- Epoxy, polyester paints
- For oil-based and synthetic paints

8. CRANES

Capacities of cranes in hall from **3.2t to 32 t (total of 37 cranes)**

Crane hook clearance of **up to 14.4 m**