

## MACHINE LIST 1/2

The following machines have been installed on Pamminger's 6000 m<sup>2</sup> production facilities with a crane capacity of up to 50 tons:



QUANTITY	MANUFACTURER	TYPE	TECHNICAL DETAILS
<b>METAL CUTTING - MILLING</b>			
1 unit	SHW UF7	CNC - controlled moving column milling machine with tool changer	X= 12000, Y= 1800, Z=4100
1 unit	ZAYER KCU 8000	CNC - controlled moving column milling machine with tool changer	X= 8000, Y= 1500, Z=2600
1 unit	ZAYER KCU 6000	CNC - controlled moving column milling machine with variable milling head and tool changer	X= 6000, Y= 1250, Z=3300
1 unit	Lagun GBM18	CNC - bed type milling machine	X= 1700, Y= 800, Z= 800
1 unit	Hyundai KIA VX450	CNC - machine center with tool changer	X= 800, Y= 460, Z= 520
1 unit	Hyundai KIA VX650	CNC - machine center with tool changer	X= 1400, Y= 660, Z= 635
2 units	HITACHI VK 55 I+II	CNC - machine center with tool changer	X= 1200, Y= 550, Z= 650
1 unit	Deckel FP5	CNC - milling machine	X= 600, Y= 500, Z= 500
3 units	Lagun FPM152	conventional milling machine	X= 1250, Y= 550, Z= 475
<b>METAL CUTTING - TURNING</b>			
1 unit	Geminis CNC 5 Plus	CNC - lathe	turning diameter = 1000 mm turning length = 5000 mm
1 unit	Geminis GHT 4 - 620	CNC - lathe	turning diameter = 620 mm turning length = 4000 mm
1 unit	Voest WNC 500C	CNC - lathe with driven tools	turning diameter = 500 mm turning length = 1000 mm
1 unit	Weiler E40	CNC - lathe	turning diameter = 210 mm turning length = 1000 mm
5 units	Voest	conventional lathe	turning diameter = 720 mm turning length = 3000 mm

## MACHINE LIST 2/2

The following machines have been installed on Pamminger's 6000 m<sup>2</sup> production facilities with a crane capacity of up to 50 tons:



QUANTITY	MANUFACTURER	TYPE	TECHNICAL DETAILS
<b>GRINDING</b>			
1 unit	ABA HFS	cycle controlled flat grinding machine	grinding length = 2000 mm grinding width = 850 mm grinding height = 800 mm
1 unit	TOS HJ8A	planing machine	planing length = 3000 mm
1 unit	Waldrich Coburg	vertical shaper with dividing attachment	shaper length = 900 mm
<b>WELDING</b>			
2 units	WAMS-D-TRAK	welding robot for rolling and sheet plating	measurements vary with adaptable workpieces, open-Arc Technology
10 unit	Fronius	MIG/MAG/WIG welding device	up to 500 A, including in Time-Twin method
<b>ASSEMBLY</b>			
2 units	assembly hangar	hangar height=14M, crane capacity=up to 50 tons, crane hook height=10M hydraulic testing bench, leakproofness test, machine table, pipeline engineering, horizontal rail	
<b>CUSTOM CUTTING</b>			
1 unit	HYD-MEC	band saw	up to DM 400, respectively 400x600 automatic feed, miter cut possible
1 unit	Kasto	band saw	up to DM 220 automatic feed, miter cut possible
1 unit	Kasto	circular saw	up to 100x100mm