

Milling

Machine type	Year of construction	Table size /- load	Specification	
DMG 60 T CNC	2003	630 x 560 mm	5 axial centre; milling and drilling of laminary and box-shaped parts; continuous variable control of the axes, 12,000 rpm.	
X-axis	Y-axis	Z-axis	A-axis	B-axis
780 mm	630 mm	560 mm	360° turntable	-120°/+30° head end

Machine type	Year of construction	Table size /- load	Specification	
DMF 220 LINEAR	2005	2600 x 600 mm	4 axial centre; milling and drilling of laminary and box-shaped parts; continuous variable control of the axes, 12,000 rpm	
X-axis	Y- axis	Z- axis	A- axis	
2200 mm with bulkhead 855 mm	560 mm	720 mm	cutting off plate cylinder	

Machine type	Year of construction	Table size /- load	Specification	
DMF 220 LINEAR	2003	2600 x 600 mm	3 axial centre; mortising and drilling of laminary and box-shaped parts; continuous variable control of the axes, 12,000 rpm	
X- axis	Y- axis	Z- axis		
2200 mm with bulkhead 855 mm	560 mm	720 mm		

Machine type	Year of construction	Table size /- load	Specification	
MCFV 2080 NT	2001	2000 x 600 x 800 mm		

Turning

Machine type	Year of construction	Table size /- load	Specification	
MCV 1000 5 AX Speed	2010	2600 x 600 mm	3 axial centre; mortising and drilling of laminary and box-shaped parts; continuous variable control of the axes, 12,000 rpm	
X- axis	Y- axis	Z- axis	A- axis	A-B
550 mm	500 mm	500 mm	360°	± 110°

Machine type construction	Year of	Table size /- load	Specification
MCFV 1060 NT	2005		
MCV 1000	2000	1000 x 600 x 600 mm	mortising and drilling of laminary and box-shaped parts; accuracy VDI/DGO 3441
MCV 500	1999	500 x 500 x 500 mm	mortising and drilling of laminary and box-shaped parts;

Milling universal

Machine type	Year of construction	Table size /- load	Specification
MCV 500	1999	500 x 600 -1400 height 400 mm	mortising of moulded articles

Grinding

Machine type			
Flat Grinding			
Width	Length	Height	
200 mm	500 mm	300 mm	

Machine type	Specification
Round Grinding B16	max. ø 70 mm; uncontinuous arbor
Length	
320 mm	

Rotating

Machine type	Year of construction	Specification
WEILER Stab CNC	2005	Adapter- and slat operations; Accuracy IT 7
Adapter ø max. 145 mm		Length max. 350 mm

Machine type	Year of construction	Specification
LEADWEL	2006	Adapter- and slat operations;
Adapter ø max. 160 mm	Range ø slat 3 – 42 mm	Length max. 400 mm

Machine type	Year of construction	Specification
SP 280 SMC	2010	Spindle C-axis
Adapter ø max. 250 mm	Range ø slat 6 – 60 mm	Length max. 400 mm

Machine type	Year of construction	Specification
MASTURN 40 CNC	2002	Adapter- and shaft operations; Spindle pass ø 61 mm
Adapter ø max. 400 mm		Length max. 1500 mm

Machine type	Year of construction	Specification
Spinner TC 46-MC	2001	Adapter- and slat operations;
Adapter ø max. 165 mm	Slat ø max. 42 mm	Shaft ø max. 400

Machine type	Year of construction	Specification
Spinner TC 67 L-MC	2000	Adapter- and slat operations;
Adapter ø max.	Slat ø max.	Shaft ø max.
250 mm	60 mm	400

Drilling

Machine type	Specification		
FEHLMANN PICOMAX 51 CNC	Circuit separate machine;		
X- axis	Y- axis	Z- axis	Drill hole ø max.
420 mm	240 mm	1200 mm	20 mm M16

Machine type	Specification			
FEHLMANN PICOMAX 80 CNC	Circuit separate machine; Mortising			
X- axis	Y- axis	Z- axis	W- axis	Drill hole ø max.
700 mm	315 mm	180 mm	495 mm	30 mm M24

Machine shop

It realizes all mechanic work:

- Installation of single sub-assembly and bigger assemblies, as well as
- Drilling and fitter operations and
- Soldering.

Squeezing machine

Machine type	Table size /- load	Specification
Eccentric press	640 x 1000 mm 100t	Thickness from 10 to 100t; Max. distance between pusher and table: 405 mm

Machine type	Table size /- load	Specification
Manual Friction press	450 x 400 mm 100t	Max. distance between pusher and table: 400 mm

Bending

Machine type	Bending length max.	Plate thickness
Machine bending bench	2000 mm	3 mm

Machine type	Bending length max.	Plate thickness
Manual bending bench	1000 mm	2 mm

Welding

Welding with cflow and gas-shielded carbon dioxide-arc welding.
Gas welding, soldering with brass solder and silver solder.

Blast cleaning

Attachment for micro sandblasting **PEENMATIC 750 S**
– Interior dimensions of the sand blast chamber 740 x 480 x 300 mm

Engraving

Gravostyle 98´ works with the systems Windows 95,98 and NT.