

Machine list

General

Machinefabriek Emmen B.V. is a privately owned engineering company with a company ground of two hectares and a well-equipped workshop of 5.000 m².

Installation Works

Installation and maintenance works can be executed by our Installation Crews. For these installation works our crews have at their disposal well-equipped service vans with all the necessary tools.

Welding

- Mig/Mag welding (automatic-endless)
- Argon welding
- Autogenous welding
- Spot-weld machine
- Electrically welding up to 550 A
- General-arc-welding up to 550 A
- Welding up to 1000 A under a powder cover
- Pulse welding

Our well trained welders have various valid welding certificates to work with all of the above-mentioned welding machines.

Turning department

01.	CNC lathe Ursus - Fagor steering	
	Height of centres	815 mm
	Turning diameter over saddle	485 mm
	Distance between centres	3000 mm
	Diameter through head of machine	137 mm
02.	CNC lathe ECOCA EL-5115 - Mitsubishi steering	
	Height of centres	510 mm
	Turning diameter over saddle	290 mm
	Distance between centres	1500 mm
	Spindle culvert	80 mm
03.	CNC lathe PBR T35 SNC - Heidenhain steering	
	Height of centres	350 mm
	Draaidiameter boven het bed	715 mm
	Turning diameter over saddle	425 mm
	Distance between centres	2000 mm
04.	Universal lathe Tur 50	
	Height of centres	250 mm
	Turning diameter over saddle	300 mm
	Distance between centres	2000 mm
	Diameter through head of machine	90 mm
05.	Universal lathe Tur 50	
	Height of centres	250 mm
	Turning diameter over saddle	300 mm
	Distance between centres	3000 mm
	Diameter through head of machine	90 mm

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06.	Universal lathe Tur 630 M	
	Height of centres	315 mm
	Turning diameter over saddle	375 mm
	Distance between centres	2500 mm
	Diameter through head of machine	90 mm
07.	Universal lathe Tur 630 M	
	Height of centres	315 mm
	Turning diameter over saddle	375 mm
	Distance between centres	3000 mm
	Diameter through head of machine	90 mm
08.	Universal lathe DE MOOR	
	Height of centres	650 mm
	Turning diameter over saddle	1000 mm
	Max. turning diameter	1350 mm
	Distance between centres	4500 mm
	Diameter through head of machine	101 mm
09.	Universal lathe AFM	
	Height of centres	217 mm
	Turning diameter over saddle	260 mm
	Max. turning diameter	440 mm
	Distance between centres	1500 mm
	Diameter through head of machine	40 mm
10.	Universal lathe Giana	
	Height of centres	350 mm
	Turning diameter over saddle	440 mm
	Max. turning diameter	700 mm
	Distance between centres	2500 mm
	Diameter through head of machine	75 mm

Machines milling department

01.	CNC Bed milling machine Correa A-30 - Heidenhain steering	
	Table surface	4000 x 1100 mm
	Distance stroke	4000 mm
	Radial stroke	1200 mm
	Vertical stroke	1000 mm
02.	CNC Bed milling machine Zayer 3 BF 4500 - Heidenhain steering	
	Table surface	4500 x 800 mm
	Distance stroke	4160 mm
	Radial stroke	1000 mm
	Vertical stroke	1000 mm
03.	CNC Bed milling machine Zayer 3000 - Heidenhain steering	
	Table surface	3000 x 800 mm
	Distance stroke	2765 mm
	Radial stroke	1000 mm
	Vertical stroke	1000 mm

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| 04. | CNC Bed milling machine Correa A25/40 - Heidenhain steering | |
| | Table surface | 4000 x 800 mm |
| | Distance stroke | 4000 mm |
| | Radial stroke | 1200 mm |
| | Vertical stroke | 1000 mm |
| 05. | CNC (fixed)Bed milling machine Anayak FBZ-HV 4000 - Heidenhain st. | |
| | Table surface | 4000 x 800 mm |
| | Distance stroke | 4000 mm |
| | Radial stroke | 935 mm |
| | Vertical stroke | 1050 mm |
| | Max. load Bed | 45 tons |
| 06. | CNC Bed milling machine HO CHUN Type UH 1250 - Heidenhain steering | |
| | Table surface | 1800 x 360 mm |
| | Distance stroke | 1250 mm |
| | Radial stroke | 540 mm |
| | Vertical stroke | 470 mm |
| 07. | Conventional milling machine Schaublin 53 - Digital 3d control of measures | |
| | Table surface | 1100 x 255 mm |
| | Distance stroke | 700 mm |
| | Radial stroke | 250 mm |
| | Vertical stroke | 430 mm |
| 08. | Milling machine for gear wheels and pinions | |
| | Max. module | 14 |
| | Max. gear wheel diameter | 1200 mm |
| 09. | Slotting machine URPE M300G | |
| | Turntable | 380 mm |
| | Stroke | 300 mm |

Machines sheet metal workshop

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| 01. | Shearing machine | |
| | Max. sheet thickness | 10 mm |
| | Max. width | 3000 mm |
| 02. | Bending machine | |
| | Max. bending Distance | 3000 mm |
| | Max. pressure | 80 tons |
| 03. | Profile shearing and punching machine Peddinghouse Model 210 Super 2 | |
| 04. | High performance plasma cutting machine | |
| | Cutting table | 3000 x 8000 mm |
| | Capacity plasma cutting | tot 40 mm |
| | Capacity gas cutting | tot 130 mm |
| 05. | Rolling machine | |
| | Max. width | 2000 mm |
| | Max. sheet thickness | 13 mm |

Machine list

Other equipment

- 01. Pillar drill machine Type 2.H55-Mk6**
 Max. vertical stroke 1750 mm
 Max. drilling diameter 60 mm
- 02. Several radial drilling machines and tap machines**
 Wijk en Visser, Ambros, Bimak, Odessa, Abarboga Maskina-Alzmetall
- 03. Several grinding machines**
Including a Glauchau 350 grinding machine
 Possibility to grind inner and outer surface
 Height of centres 350 mm
 Distance between centres 1500 mm
- 04. Several strip sander machines**
- 05. Several sawing machines**
 Several (automatic) band sawing and circular sawing-machines
 Up to 450 mm diameter cutting capacity
- 06. Flame spraying**
 Cold and hot spraying of several materials, system Metco
- 07. Hydraulic press 100 tons**
- 08. Hydraulic presses up to 25 tons**
- 09. Hardness testers**
 For HrC (Rockwell C Hardness), for HrB (Rockwell B Hardness) and Vickers.
- 10. Overhead cranes**
 Sawing/cutting department 1x 3,2 tons
 Lathers department 1x 3,2 tons
 Milling department 2x 5,0 tons
 Workbench fine department 2x 3,2 tons
 Workbench large department 2x 10 tons & 1x 25,0 tons