



A specialist in turnkey solutions of heavier complex welded and machined products

About Finmec AS

Operates as a sub-contractor in Maardu, situated just outside Tallinn, Estonia.
Finmec has good connections with all major ports and highways.

Our main function, consists of complex welding and the fabrication of large and heavy duty steel constructions. The work is carried out in purposed built workshops all with good lifting capabilities. We are able to offer manufacturing facilities from gas / plasma cutting to blasting / spray painting.

We are certified according to welding standards ISO 3834-2 / 1090-2.

The products we manufacture can be found in, for instance, forklifts truck, maining machines, large electric motors and forestry industry, etc.



Cutting is done with plasma cutting (with bevel cutting) and oxygen cutting.



Welding is primarily manually, but we also have robotic welding.



Bending takes place in 630-ton press brake with a length of 6 m.



Machine working is carried out in larger CNC operated mill boring machines.

List of Machinery

Gas cutting

Messer Com Cut with 3 burners 6000 x 2500 x 150 mm.

Plasma cutting

Messer MultiTherm® 4000 12000 x 2500 x 50 mm. 80 mm with edge start.
Equipped with Plasma bevel head Skew Rotator C axis rotates $\pm 460^\circ$. $\pm 45^\circ$ maximum cut angel.
Plasma unit HyperTherm HPR 400 XD AMP.

Edge pressing machine

ALIKO 630 630 tons , L=6000 mm.

Cutting / roller bending machines

Darley shear cutting machine Tmax 10 mm. L=3100 mm.
Roller bending machine Tmax 10 mm. L=2000 mm.
Hydraulic presses for straightening of plasma/gas cut material or flat material.

Cutting machinery

Band saw AMADA H-650-HD 500 x 400 mm.
Band saw Perdazzoil SN 350 AP-CN 225 x 180 mm.

Forming/drilling/threading machinery

TOS WHQ 13 CNC, max load 12 tons Spindel dia \varnothing 130. Table 3500 x 2000 x 1250. 60 tools.
TOS WHQ 13,8 CNC, max load 12 tons Spindel dia \varnothing 130. Table 3500 x 2500 x 1250. 60 tools.
Nicolas Correa, max load 4 tons Table 3000 x 1100 x 550. 25 tools.
Johnford VMC-1224 Table size 1250 x 1000 x 550. 10 tools.

Lathes

CNC lath \varnothing 280 mm. L=400 mm.
Manual lath \varnothing 600 mm. L=3200 mm.
Manual lath \varnothing 400 mm. L=1400 mm.

Welding

56 complete welding work stations with MILLER/KEMPPPI welding equipment. Many with double feed devices for heavy duty welding. Power up to 650 Amp.
4 driven welding positioners, with up to 5 tons load capacity and 6 meters in length.

Welding robot

MOTOMAN Gantry welding robot with L-positioner, load max 5000 kg. Work area X=8 m, Y=8 m, Z=8 m.

Submerge arc welding

ESAB Work length 12 m.

Surface treatment

Blasting chamber with free-jet blasting with recyclable sand/cleaning. Size 6 x 6 m, height 5 m.
Shot blasting machine SBM W=2000 mm, H=600 mm. Length unlimited.
2 spray painting rooms including heating. Size 6 x 10 m, height 8 m.

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