



Specialists within small and medium gauged sheet metal

About Svets & Mekano AB

A subcontractor manufacturing products from small and medium gauged sheet metal. We undertake work such as design, laser / plasma cutting, edge pressing, manual and robotic welding, machine working, together with testing and assembling. We also have facilities for surface treatment, together with washing, blasting and spray painting (including water based paint).

Manufacturing is carried out in Vislanda within purpose built premises.

The products we manufacture can be found in, for instance, forklift trucks, various types of controlling equipment, hydraulic systems, large electrical motors and re-cycling systems, etc.



Welding is carried out both manually and robotically. All our welders are qualified and fully trained to the required standards.



Forming is carried out in CNC automated edge press machines.



We can offer facilities of surface treatment including washing / blasting. Surface treatment is carried out with spray painting and we can even offer water based paints.



We perform the assembly of large and small components. We also have a specialised section for testing/ cleaning, together with the assembly of hydraulic and fuel tanks.

List of machinery

Machinery

Capacity

Laser cutting

Trumpf TLC 3030 with 3200W laser,
Equipped for automatic cutting
Trumpf TLC 3030 with 3000W laser

3000*1500*20 mm, SS 2333 T=12 mm

3000*1500*20 mm, SS 2333 T=12 mm

Plasma cutting

Metalmaster 4020 precision plasma with
Hyperterm HPR 130 Amp

4000*2000*30 mm

Edge pressing machines

Darley 200 tons CNC-controlled
Beyler 200 tons CNC-controlled
Beyler 150 tons CNC-controlled
Göteneds 63 tons mechanical

L=4300 mm

L=3100, 6 axels

L=3100, 4 axels

L=3200 mm

Cutting/roller bending machines

Darley shear cutting machine
Roller bending SMT pullmax

T=10 mm, L=3100 mm

T=10 mm, L=2000 mm

Eccentric machinery

Aros 125 tons
Aros 63 tons

Working table surface 1000*650 mm

Working table surface 600*450 mm

Cutting machinery

Band saw KASTO with feeding
Band saw MEP 280 SXI with turning

max Ø = 450 mm

Max Ø = 150 mm

Forming/drilling/threading machinery

Leadwell V-60 with CNC system Fanuc 18-MC.
Johnford VMC-1624 with CNC Heidenheim TNC 430.
Daewoo ACE-H400P with CNC system Fanuc 18MC.
Niagata SPN 50 with CNC system Fanuc 16 M.
Radial drilling machine GSP
Radial drilling machine KMR-700 DS

Table size 1800*900 mm. 24 tools.

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2 paletts 400*400 mm. Work area X 600, Y 560, Z 560 mm. Max load 400 kg.

2 paletts 500*500 mm, 60 tools. Work area X 720, Y 720, Z 720 mm. Max load 600 kg

Arm length 1300 mm.

Arm length 700 mm.

Welding

Two robot-welding machines of the type MOTORMAN UP-20-6 with manipulator VMF-500S5X.
Maximum swing 750mm, load/side 500kg. Length between fixture plates =2050mm.
Including joint searching/following.

One robot-welding machines of the type MOTORMAN UP-20-6 with manipulator VMF-750S5X.
Maximum swing 750mm, load/side 750kg. Length between fixture plates =3150mm.
Including joint searching/following.

19 welding work places. Miller/ESAB welding machines. Effect 350 - 500 Amp. Water cooled
All work places equipped with lifting table.

Welding positioners ESAB, programmable. Maximum load 500 kg, arm length = 1000 mm.
Welding positioners ErgoControll, programmable. Maximum load 1000 kg, arm length = 1500 mm.
MILLER XMT 300 Tig welder
Migatron Commander Tig welder 400 AC/DC.
Migatron Commander Tig welder 400 AC/DC.
Bolt welder Esab Alpha 850. Maximum diameter 12 mm.
Spot welder 30 kVA with guard

Assembling

Two fully equipped working areas for the assembly of working platforms and similar products.
Three fully equipped working areas for the cleaning and assembly of hydraulic tanks.
Two fully equipped working areas for miscellaneous other types of assembly.

Surface treatment

Blasting area with recyclable sand/cleaning
Shot blasting machine SBM
Spray painting room with air cleaning.
Drying oven
Drying oven
Cooling room

area 8000*6000 mm

W = 700, H = 2000mm, L = unlimited.

area 8000*7000 mm.

L = 4000, H= 2700, W = 3900 mm.

L = 4000, H= 3700, W = 3500 mm.

Area 12000*6000 mm.



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