

List of Machinery Sinop SMP

1.) Laser Cutting

Machine	Number
TRUMPF Laser Cutting Machine (various models)	5x

Manufacturing capability:

Material thickness: Steel up to 20 mm, Stainless 12 mm, Aluminium 8 mm, Brass and Copper 5 mm

Dimensions of metal sheet: up to 3000 x 1500 mm

2.) Punching

Machine	Number
Punching Machine TRUMPF T5000	4x

Manufacturing capability:

Material thickness: Steel up to 3 mm, Stainless steel up to 3 mm, Aluminium up to 8 mm

Dimensions of metal sheet: up to 3000 x 1500 mm

3.) Folding

Machine	Number
Trumpf Press Brake with Manipulator (press force 1700 kN, product weight up to 40 kg)	1x
Trumpf large Press Brake (press force 850-2300 kN)	3x
Trumpf large Press Brake (press force 360-850 kN)	4x

Manufacturing capability:

Material thickness: up to 8 mm

Max. length of bending: standard up to 3000 mm, exceptionally up to 4200 mm

4.) Bending

Machine	Number
Salvagnini P2 Panel Bender	1x

Manufacturing capability:

Material thickness: up to 3 mm

Max. length of bending: 2180 mm

4.) Welding

Machine	Number
Laser Welding Robot (sheet metal thickness 0,5 – 5 mm)	3x
Welding Robot Motoman MIG, MAG, WIG	3x

- + Manuel welding (8x MIG, MAG; 4x WIG)
- + Stud welding (M3-M8)
- + Resistance welding (sheet metal thickness 5 + 5 mm)

5.) Machining

Machine	Number
CNC Milling Machine Hermle C400	1x
CNC Milling Machine Hermle C400 with Handling System Flex	1x
CNC Milling Machine Mazak	2x
CNC Turning Machine Mazak	3x
Swiss-type CNC Turning Machine Manurhin	1x
+ additional manual Milling, Turning and Drilling Machines	

Manufacturing capability:

max. dimensions for milling: 1050 x 530 x 510 mm

max. dimensions for turning: up to d60 is workpiece length 200 mm, up to d350 wp length 300 mm

max. mass of workpiece for milling: 20 kg

max. mass of workpiece for turning: 10 kg

6.) Surface Treatment

Machine	Number
Continuous Powder Coating Line Galatek	1x
Manuel Powder Coating Cabin Galatek	1x
Blasting machine	2x

Manufacturing capability:

Max. dimensions for powder coating: 1650 x 1800 x 3500

7.) Other

Machine	Number
Deburring Machine Weber (sheet thickness 0,3 – 12 mm, sheet width up to 1350 mm)	2x
Leveling Machine Arku (sheet thickness up to 15 mm, sheet width up to 1600 mm)	1x
Bandsaw	2x
Fastener Insertion Machine Haeger	2x