



1

Lasercutting

1x 20Kw fiber, 1500 x 3000 Load/unload 100Tons storage robotic sorting, MIXGAS- 40 mm steel - 40 mm stainless steel - 50 mm ALU - 15 mm copper, brass tombak and bronze •

1x 8 kW fiber, 2000 x 4000 • Load/unload 30 mm steel - 30 mm stainless steel - 30 mm ALU

2

Deburring/edge rounding

1x Plate deburring: brush,band 1500 mm wide

1x Plate deburring: disc 1500 mm wide

1x Vibrating deburring

1X Vibrating ceramic polishing

1X Tumbling deburring

3

CNC Press bending

1x 8-axes L=4000, 220 t

2x 8-axes L=3000, 150 t

4

Additional

1x Plate rolling, 6x2000 mm •

1x Excentric press, 45 t •

1x Hydraulic press, 40 t

1x Hydraulic Nut/stag pressing/insertion

5

CNC Multitasking

1x 9-axis Ø660 x 1500, 1000kg – 102 tools – 80bar coolant

6

CNC Turning

1x Ø42 x 300 - C-axis - Sub-spindle - Bar loader, Ø42

1x Ø360 x 1280 - Y-axis - Sub-spindle - Bar loader Ø75 - Band discharging - Robot loader

1x Ø120 x120

2x Ø400 x 500

1x Ø120 x 120 – Twin spindle Gantry load/unload

1x Ø300 x 800 Teach inn

7

CNC Milling

1x 5-axis simultaneous - x-3000, y-800, z-700, 2000 kg - 48 tools - 18,000 rpm/int. 30 bar coolant
 1x 5-axis simultaneous - x-2000, y-800, z-700, 2000 kg - 48 tools - 18,000 rpm/int. 30 bar coolant
 3x 3-axis - x-1030, y-530, z-630, 600 kg - 30 tools - 12,000 rpm/int. 15 bar coolant •
 1x 3-axis - x-762, y-400, z-500, 300 kg – 20 tools
 1x 3-axis - x-500, y-380, z-300, 200 kg - 10 tools
 1x 3-axis - x-762, y-510, z-560, 300 kg - 30 tools, - Pallet exchanger – 15 bar coolant

8

Sawing

1x Ø450 carbide band saw automated
 1x Ø300 band saw automated
 1x 620x460 60G bevel •
 1x Circular saw, Ø120 •
 1x Alu circular saw, Ø170 •

9

Welding

1x Robotic welding Ø1400x2500 1500kg 500amp TIG, 600amp MIG•
 1x Robotic welding Ø600x600 300kg 500amp MIG
 TIG welding
 MIG welding
 MAG welding
 Laserwelding 2Kw

10

Rolling/swagging of wire terminals

2-12 mm wire, steel and stainless steel • Design of custom terminals • 0-36.000 mm with high repetition accuracy • Coiling, Full certificate management. Fracture test with certificates. Only calibrated tools for the test • Sale of cable-eye stiffeners, shackles, locks, rigging screws, turnbuckles, eye bolts, etc.

Q

ISO 9001

ISO 14001

ISO 45001 (by the end of 2024)

DS/EN ISO 3834-2 within materials group 1.2-8.1-23.1

DS/EN 1090-1-2-3 and including EXC 3

FVK certified

Achilles Power & Tech Certified

NDT checks are performed by 3rd party (NT, UT, X-ray).

Visual checks are performed by educated ECM personel

ECM INDUSTRIES A/S carries out the design of machines and packing of components.

We have strategic partnerships with many of our customers, where **ECM Industries A/S** is responsible for the entire supply chain. We fulfil your needs. We work with you to develop ideas and produce them. In this way, we can both adapt and continuously develop according to your wishes. If you require a custom-made solution or if there is no immediate solution available on the **ECM INDUSTRIES A/S**.

Runddelen 11, Øster Starup | DK-6040 Egtved | Tel. +45 75 55 37 88 | sales@ecm.dk

ECM INDUSTRIES A/S use following programs for design: SolidWorks • Siemens NX • Inventor • AutoCAD