

Key manufacturing resources

/// Tuotantoresurssit

CNC - Horizontal boring and milling machines /// Apot:

TOS WRD 150 Q, 11/2008	X/Y/Z/W 18000/3500/1000/800 mm
TOS WHQ 13.10, 2004	X/Y/Z/W 4000/2500/2000/800 mm
TOS WHQ 13.10, 2007	X/Y/Z/W 4000/2500/2000/800 mm
TOS WHN 13.8, 2000	X/Y/Z/W 3500/2000/1500/800 mm
JUARIST TS1, 1990	X/Y/Z/W 4000/2000/1750/650 mm

CNC - Horizontal milling machines with pallets /// Vaakakaraiset keskukset:

TOYODA FHN80T, 1984	X/Y/Z 1000/900/800 mm
KAO MING KMC-700HV, 1997	X/Y/Z 1050/800/900 mm

CNC - Vertical milling machines /// Pitkäjyrsin koneet:

ZAYER 20KM 12000, 2002	X/Y/Z 10400/1500/1200 mm
CORREA A40, 1989	X/Y/Z 4000/1000/1000 mm
CORREA A16, 1987	X/Y/Z 2000/800/1000 mm

CNC - Vertical milling centers /// Pystykaraiset keskukset:

KAFO KF-VMC-1675, 1993	X/Y/Z 1600/650/550 mm
MAZAK VQC-20/40, 1986	X/Y/Z 1000/508/460 mm
JOHNFORD VMC-850, 1997	X/Y/Z 800/500/450 mm
QUASER MV204 II, 2001	X/Y/Z 1020/600/560 mm
FADAL VMC-6030HT, 1997	X/Y/Z 1524/762/762 mm

CNC - Vertical multi task lathes with rotating tools /// Karusellisorvit:

TOSHULIN SKIQ 16 CNC, 2003	Max dia/Y 1900/1250 mm
TOSHULIN SKIQ 16 CNC, 4/2009	Max dia/Y 2000/2200 mm
PENSOTTI NT-FR200 CNC, 1989	Max dia/Y 2500/2500 mm

CNC - lathes /// Sorvit:

MAZAK INTEGREGX 400 Y B, 1999	Max dia/X 610/1000 mm
MAZAK QUICK TURN 40, 1997	Max dia/X 510/400/1500 mm
QUICK TURN 20, 1983	Max dia/X 300/1100 mm
OKUMA LC 40M ATC-1SC 1500, 1986	Max dia/X 600/1500 mm
OKUMA LB 25, 1990	Max dia/X 360/1250 mm
TOS SUI 500, 2002	Max dia/X 500/1500 mm

Manual Horizontal boring and drilling machines /// Manuaali apot:

JUARIST, 1986	X/Y/Z/W 2500/2500/1800/600 mm
JUARIST, 1985	X/Y/Z/W 2000/1800/1500/600 mm

Manual lathes 6 pcs /// Manuaalisorvit 6 kpl: Max dia/X 1600/1500 mm

Manual milling & drilling machines 10 pcs /// Yleisjyrsimet 10 kpl

Grinding machines /// Hiomakoneet:

DANOBAT RU-1800-R, 1993	Max.dia/Y 640/1800 mm
HECKERT SA5U-1000, 1985	Max.dia/Y 370/1000 mm
CNC-HEID AG, 1985	Max.dia/Y 350/1500 mm
SJ-30 JAKOBSEN, 1985	X/Z 670/305 mm
TOS BPH 320A, 1997	X/Z 1060/350 mm

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Plate prefabrication and welding /// Levytyö ja hitsaus:

NC-controlled Guillotine shear	Max.thickness/L 12/3000 mm
CNC-controlled Press brake	Max.power/L 220 t/4200 mm
Welding stations with MIG, MAG, ROD	~30 pcs
Automated welding station for beam type products. Hitsauksen mekanisointilaite.	
Hydraulic rotating/turning table	Max.load 6000 kg
El. Turning tables	Max.L / load 13000 m / 20000 kg

Quality control /// Mittakoneet:

DEA MISTRAL-3D COORDINATE MEASURING MACH, 1994	X/Y/Z 1000/660/460 mm
FARO PLATINUM ARM, 2008	Max.dia 1800 mm
FARO LT LASERTRACKER XI, 2008	Max.dia 70 000 mm
- Spatial Analyzer -geometry 3-D -software	
- CAM2 MEASURE -geometry 3-D -software	

Surface treatment /// Pintakäsittely:

Painting room 1	Max.work piece length 15000 mm
Painting room 2	Max.work piece length 5000 mm
Pickling plant	Pool size 13000x2000x2000 mm

CAD / CAM –ENGINEERING /// Suunnittelu:

Catia v. 5 3D-CAD software
Catia v. 4 2D/3D-CAD software
Inventor 2009 3D -CAD software
Solid Works 3D -CAD software
AutoCad CAD software
Mastercam 3D-CAM software
WinCam 2D-CAM software

PRODUCTION AREA TOTAL 14.000 m²

METECO

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