



BLOK GROUP

Overzicht machines

Versie 2 – 2015



CNC Machine Centers

MAZAK VARIAXIS 630 CNC Machine Center

2 pallet machine pallet size:	500 x 500 mm
X-axis:	630 mm
Y-axis:	765 mm
Z-axis:	510 mm
Spindle motor output:	15 kW

MAZAK VARIAXIS 730 CNC Machine Center

2 pallet machine pallet size:	500 x 500 mm
X-axis:	730 mm
Y-axis:	850 mm
Z-axis:	560 mm
Spindle motor output:	22 kW

MAZAK V655N CNC Machine Center

table size:	2240 x 650 mm
X-axis:	2000 mm
Y-axis:	650 mm
Z-axis:	650 mm
Spindle motor output:	15 kW

MAZAK H6800 CNC Machine Center

2 pallet machine pallet size:	630 x 630 mm
X-axis:	1050 mm
Y-axis:	800 mm
Z-axis:	800 mm
Spindle motor output:	18 kW
Tool magazine capacity:	120 pcs

MAZAK H6800 CNC Machine Center in FMS-line 1

32 pallet machine pallet size:	630 x 630 mm
X-axis:	1050 mm
Y-axis:	800 mm
Z-axis:	800 mm
Spindle motor output:	18 kW
Tool magazine capacity:	330 pcs

MAZAK H6800 CNC Machine Center in FMS-line 2

32 pallet machine pallet size:	630 x 630 mm
X-axis:	1050 mm
Y-axis:	800 mm
Z-axis:	800 mm
Spindle motor output:	18 kW
Tool magazine capacity:	330 pcs

MAZAK Variaxis 730 CNC Machine Center in FMS-line 3

22 pallet machine pallet size:	500 x 500 mm
X-axis:	730 mm
Y-axis:	850 mm
Z-axis:	560 mm
Spindle motor output:	30 kW
Tool magazine capacity:	256 pcs

MAZAK NEXUS 5000 CNC Machine Center in FMS-line 4

22 pallet machine pallet size:	500 x 500 mm
X-axis:	730 mm
Y-axis:	730 mm
Z-axis:	740 mm
Spindle motor output:	35 kW
Tool magazine capacity:	330 pcs

MAZAK NEXUS 5000 CNC Machine Center in FMS-line 5

22 pallet machine pallet size:	500 x 500 mm
X-axis:	730 mm
Y-axis:	730 mm
Z-axis:	740 mm
Spindle motor output:	35 kW
Tool magazine capacity:	330 pcs

MAZAK HCN8800 CNC Machine Center in FMS-line 6

32 pallet machine pallet size:	800 x 800 mm
X-axis:	1400 mm
Y-axis:	1200 mm
Z-axis:	1325 mm
Spindle motor output:	30 kW
Tool magazine capacity:	330 pcs

MAZAK HCN8800 CNC Machine Center in FMS-line 7

32 pallet machine pallet size:	800 x 800 mm
X-axis:	1400 mm
Y-axis:	1200 mm
Z-axis:	1325 mm
Spindle motor output:	30 kW
Tool magazine capacity:	330 pcs



MAZAK VTC 800 / 30SR

Table size:	1660 x 540 mm
X-axis:	3000 mm
Y-axis:	800 mm
Z-axis:	720 mm
Head swivel:	-110°+110°
Spindle motor output:	35 kW

STYLE BT-1500 CNC Machine Center

Table size:	1810 x 500 mm
X-axis:	1500 mm
Y-axis:	660 mm
Z-axis:	600 mm
Spindle motor output:	7.5 kW

DAHLIH Machine Center

Table size:	1350 x 680 mm
X-axis:	1500 mm
Y-axis:	630 mm
Z-axis:	700 mm
Spindle motor output:	17 kW

TIGER BF - RT 2000 Machine Center

Table size:	1500 x 1100 mm
X-axis:	2000 mm
Y-axis:	1200 mm
Z-axis:	1400 mm
Spindle motor output:	20 kW

ZAYER 20 KF5000 TNC42 Machine Center

Table size:	5000 x 1000 mm
X-axis:	5000 mm
Y-axis:	1500 mm
Z-axis:	1000 mm
Spindle motor output:	30 kW

LAGUN CNC Milling Machine

Table size:	1550 x 500 mm
Spindle motor output:	7.5 kW

HERMLE C40 U 5 AXIS Machine Robot with pallet loading

X- axis:	700 mm
Y-axis:	850 mm
Z-axis:	500 mm

HERMLE C 30 U (3x) 5 AXIS Machine Robot with pallet loading

X- axis:	600 mm
Y-axis:	650 mm
Z-axis:	500 mm

HERMLE C 800 CNC Machine center

X- axis:	600 mm
Y-axis:	800 mm
Z-axis:	500 mm

HERMLE C 630 T CNC Machine center

X- axis:	450 mm
Y-axis:	600 mm
Z-axis:	450 mm

MICRON HAAS VCE 500 CNC Machine Center

X- axis:	350 mm
Y-axis:	500 mm
Z-axis:	500 mm

MICRON HAAS VCE 1000 CNC Machine Center

X- axis:	500 mm
Y-axis:	1000 mm
Z-axis:	500 mm

Deckel FP 42 A CNC Machine Center

X- axis:	500 mm
Y-axis:	1170 mm
Z-axis:	400 mm

Deckel FP 4 A (2x) CNC Machine Center

X- axis:	400 mm
Y-axis:	500 mm
Z-axis:	400 mm

OKUMA Eurocenter CNC Machine Center

X- axis:	510 mm
Y-axis:	1020 mm
Z-axis:	525 mm

OKUMA MB – 46 VAE CNC Machine Center

X- axis:	460 mm
Y-axis:	760 mm
Z-axis:	460 mm



CNC Multi-Tasking Machines

MAZAK INTEGREX 30 CNC

Maximum machining length:	1575 mm
Maximum swing:	510 mm
Swing over carriage:	400 mm
Y-axis:	90 mm
Spindle motor output:	22 kW
Tool magazine capacity:	40 pcs

MAZAK INTEGREX 70 CNC

Maximum machining length:	2205 mm
Maximum swing:	915 mm
Swing over carriage:	685 mm
Y-axis:	130 mm
Spindle motor output:	37 kW
Tool magazine capacity:	30 pcs

MAZAK INTEGREX 200SY CNC

Maximum machining length:	1018 mm
Turning diameter:	540 mm
Y-axis:	140 mm
B-axis:	0°-180°
Spindle motor output:	22 kW
Second spindle motor output:	7.5 kW
Tool magazine capacity:	40 pcs

MAZAK INTEGREX 400SY CNC

Maximum machining length:	1528 mm
Turning diameter:	610 mm
Y-axis:	210 mm
B-axis:	0°-180°
Spindle motor output:	22 kW
Second spindle motor output:	10 kW
Tool magazine capacity:	40 pcs

MAZAK INTEGREX e-420H-STII CNC

Maximum machining length:	2027 mm
Turning diameter:	687 mm
Y-axis:	420 mm
B-axis:	-30°+210°
Spindle motor output:	30 kW
Second spindle motor output:	30 kW
Tool magazine capacity:	80 pcs

MAZAK NEXUS QTN350 II MY CNC

Maximum machining length:	1538 mm
Turning diameter:	420 mm
Y-axis:	150 mm
X-axis:	260 mm
Z-axis:	670-1605 mm
Spindle motor output:	30 kW
Second spindle motor output:	7.5 kW
Tool magazine capacity:	80 pcs

MAZAK-NEXUS QTN250 II MSY R incl ROBOT LOAD STATION

Maximum machining length:	500 mm
Turning diameter:	380 mm
Y-axis:	100 mm
X-axis:	260 mm
Z-axis:	580 mm
Spindle motor output:	26 kW
Second spindle motor output:	11 kW
Tool Turret capacity:	12 pcs

MAZAK-NEXUS QTN250 II MSY B incl BARFEED STATION

Maximum machining length:	500 mm
Turning diameter:	380 mm
Y-axis:	100 mm
X-axis:	260 mm
Z-axis:	580 mm
Spindle motor output:	26 kW
Second spindle motor output:	11 kW
Tool Turret capacity:	12 pcs

NAKAMURA-TOME SUPER MILL WY250

Maximum machining length:	580 mm
Turning diameter:	215 mm
Y-axis:	50-50+20 mm
X-axis:	160 mm
Z-axis:	580 mm

MAZAK MULTIPLEX 620 CNC

Maximum machining length:	1180 mm
Maximum swing:	510 mm
Swing over carriage:	400 mm
Y-axis:	90 mm
Spindle motor output:	22 kW
Tool magazine capacity:	40 pcs



MACTURN 250 W ROBOT PORTAL

Turning diameter: 250 mm

CITIZEN C16 incl STAFF SUPPLY

Turning diameter: 16 mm

CITIZEN L20 VII incl STAFF SUPPLY (2X)

Turning diameter: 20 mm

CITIZEN L20 VII EC incl STAFF SUPPLY

Turning diameter: 22 mm

CITIZEN M32 incl STAFF SUPPLY

Turning diameter: 35 mm

OKUMA LB 10-M incl POWERED TOOLS / LNS QUICK LOAD SERVO

Maximum size: 170 x 350 mm

OKUMA LB 300- M incl INPUT ROBOT Quik Load

Maximum size: 250 x 600 mm

OKUMA LB 300-M incl POWERED TOOLS

Maximum size: 250 x 600 mm

OKUMA GENOS incl POWERED TOOLS / LNS QUICK LOAD SERVO

CNC Turning Centers

MAZAK QUICK TURN 8 N CNC

Maximum machining length: 250 mm
Turning diameter: 245 mm
Spindle motor output: 10 kW

MAZAK QUICK TURN 35 N CNC

Maximum machining length: 800 mm
Turning diameter: 390 mm
Spindle motor output: 30 kW

MAZAK QUICK TURN 28 CNC

Maximum machining length: 1010 mm
Maximum swing: 510 mm
Swing over carriage: 320 mm
Spindle motor output: 22 kW

Conventional Lathes

CAZANEUVE HB500 LATHE

Maximum machining length: 800 mm
Turning diameter: 400 mm
Spindle motor output: 7.5 kW

VDF LATHE

Maximum machining length: 2000 mm
Turning diameter: 560 mm
Spindle motor output: 15 kW

ZMM C13 MB LATHE

Maximum machining length: 5000 mm
Turning diameter: 400 mm
Spindle motor output: 7 kW

TOS SU100 LATHE

Maximum machining length: 4500 mm
Turning diameter: 740 mm
Spindle motor output: 22 kW

NARVIK CD660SKX1000 LATHE

Maximum machining length: 1000 mm
Turning diameter: 450 mm
Spindle motor output: 20 kW

WEILER ERGODOR LATHE

Maximum machining length: 500 mm
Turning diameter: 160 mm
Spindle motor output: 3.5 kW

AI DRIS LATHE

Maximum size: 120 x 500 mm

WEILER LATHE

Maximum machining length: 800 mm
Turning diameter: 220 mm
Spindle motor output: 7.5 kW



Zeiss 3-D High Spec. Measuring Equipment

ZEISS PRISMO MEASURING MACHINE

Maximum Measuring length X axis:	900 mm
Y axis:	1500 mm
Z axis:	750 mm

ZEISS PRISMO NAVIGATOR MEASURING MACHINE

Maximum Measuring length X axis:	900 mm
Y axis:	1200 mm
Z axis:	700 mm

WENZEL XO87 MEASURING MACHINE

Maximum Measuring length X axis:	1000 mm
Y axis:	1800 mm
Z axis:	600 mm

MITUTOYO FN905 MEASURING MACHINE

Maximum Measuring length X axis:	550 mm
Y axis:	900 mm
Z axis:	450 mm

MITUTOYO FPJ 311 PROFILE PROJECTOR MITUTOYO 301 SURFACE ROUGHNESS METER

MITUTOYO SJ-401 SURFACE ROUGHNESS METER

TESA DIGITAL ALTIMETER

Trimos V600 DIGITAL ALTIMETER

Standards Room Temperature 20° ±1.5° with
Humidity Monitoring and Dust Extraction

Welding Equipment

KEMPPPI PRO MIG 530

SAFYARD 500 MIG

SAF NERTABLOK TH260P TIG

KEMPPPI MINARC TIG

Grinding Equipment

BLOHM SURFACE GRINDER

Grind range:	400 x 1200 mm
Table size:	400 x 1200 mm
X axis:	900 mm
Y axis:	450 mm
Z axis:	360 mm
Spindle motor output:	5.9 kW

SCHAUDT CYLINDRICAL GRINDER

Table size:	50 x 800 mm
Spindle motor output:	4 kW

ZIERSCH & BALTRUSH SURFACE GRINDER

Table size:	650 x 300 mm
Spindle motor output:	4 kW

ER RSA-750 SURFACE GRINDER

Table size:	750 x 500 mm
Spindle motor output:	9 kW

STUDER RHU – 500 CYLINDRICAL GRINDER

Table size:	180 x 500 mm
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JUNG JF 520 E SURFACE GRINDER

Table size:	200 x 500
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Various other machines & Equipment

SUNNEN HONING MACHINE MBC1800

Honing diameter horizontal:	2.42 - 140 mm
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SUNNEN HONING MACHINE MBC1803

Honing diameter horizontal:	2.42 - 140 mm
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SUNNEN HONING MACHINE MBC1805

Honing diameter horizontal:	2.42 - 140 mm
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SUNNEN HONING MACHINE MBB-G 25D

Honing diameter horizontal:	2 - 150 mm
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LAPPING MACHINE EL-C00

Table size:	Ø 600 mm
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KEYWAY BROACHING MACHINE LIGHTWEIGHT HKZ

Table size: 400 x 400 mm
Maximum broaching: 50 mm

DAVIS BROACHING MACHINE

Table size: 400 x 400 mm
Maximum broaching: 18 mm

RADIAL ARM DRILLING MACHINE H.CEGIELSKI GRV 553

Table size: 800 x 600 mm
Spindle motor output: 15 kW

CELLRO ROBOT DEBURRING CELL

TROWAL DRUM MACHINE

IBARMIA DRILL PRESS ON PRISMATIC WAYS B-50-P

Table size: 500 x 400 mm
Spindle motor output: 5 Kw

HAUSER 2 A 3 DRILL

Table size: 200 x 200 x 200 mm

CONINENTAL S B 30 COLUMN DRILL

WALDMAN & WEIGL VONK MACHINE

KINKET BUIS SCHUUR & SLIJP MACHINE

LAMPUGANANI – ERNESTO BEAD BLASTING

Capacity 500 x 500 x 500 mm

Cutting Department

KASTO WIN A 5.6

Cutting capacity round: 560 mm
Cutting capacity rectangle: 560 x 560 mm
Workload: 2000 kg
Motor output: 8 kW

OPUS BANDSAW 400 BSC-3

Cutting height: 300 mm
Blade to frame: 380 mm
Blade motor output: 1.1 kW

KASTO TWIN A4

Cutting capacity: 400 mm

BEWO

Cutting capacity: 80 mm

General Comments

We have an extremely modern workshop kept at a conditioned environment.

Our workforce is young experienced enthusiastic and skilled in all manufacturing areas, including 4/5axis simultaneous milling on state of the art machines.



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