

HIGH-PERFORMANCE MACHINING HIGH-PERFORMANCE CUTTING



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TURNING CENTERS

INTEGREX I200 ST
 MAZAK 200 M
 MAZAK 200 M
 MAZAK SUPER QUICK TURN 10M
 MAZAK SUPER QUICK QTN 100 II
 MAZAK 200
 MAZAK INTEGREX J-200
 MAZAK 200 MSY
 MAZAK QTNX 200II MY
 MAZAK QTNX 350 II MY
 MAZAK QTN 350II MY
 MAZAK QTN 350II MY

3 PRESSING

3 HIDRO ALFA
 3 BERG & SCHMID (3x)

BENDING

4 YELLOW BENDER MOBI

GRINDING

5 TURI SPANTEC

SAWING

6 HORIZONTAL BAND SAW G-320 NC
 BAUER HS 200
 6 HORIZONTAL STRIP BARS C.420 NC
 6 BAUER 400 V
 6 MACC NTM

WELDING

7 FRONIUS MAGIC WAVE 3000
 7 FRONIUS MAGIC WAVE 4000
 8 LORCH ACI 10
 8 REHM RD 250
 REHM MEGAPULS 350
 9 REHM MEGAPULS 500
 BTH TECH LBH 710
 9 TECNA

MILLING CENTERS

MAZAK VARIAXIS I700 WITH MPP
 MAZAK INTEGREX E-1250V/8
 MTCUT V130Y-12TH
 3-AXIS GANTRY MILLING MACHINE MTCUT220P
 MAZAK VTC800
 GROB 550
 WEMAS
 HURCO VMX 30
 HURCO VMX 50
 HURCO VMX 50

ERODING

MITSUBISHI

9 SURFACE TREATMENT

9 TROWLING | MASS FINISHING 12
 9 GLASS BEAD BLASTING | CERAMIC BLASTING 12
 SAND BLASTING 12
 LACQUER 12
 9 E-POLISHING 12
 9 GALVANIZE 12
 ANODIZING, ELECTROLESS NICKEL PLATING 12
 9 HARD COATING | HARDANADOSING | HARDEN 12
 BURNISHING | GLOW | NITRIDING ENGRAVING 12
 9 COLSTERIZING | PICKLING | ANNEALING | TEFLON 12
 COATING

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 10 TDM SYSTEMS 13

11 OPERATING SYSTEM

11 ABAS ERP 13

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Integrex I200 ST

Control
Mazak Smooth

Maximum Machining diameter	Passage	Lace Width	Ways		Maximum Speed	
<i>Mm</i> 420	<i>Mm</i> 65	<i>Mm</i> 1500	<i>Mm</i> 615	<i>Mm</i> 1585	<i>RPM</i> 5000	<i>RPM</i> 12000

With automation Robojob Tower

Mazak 200 M

Control
Mazatrol 640T Nexus

Maximum Machining diameter	Passage	Lace Width	Ways		Maximum Speed	
<i>Mm</i> 380	<i>Mm</i> 65	<i>Mm</i> 1045	<i>Mm</i> 230	<i>Mm</i> 1085	<i>RPM</i> 5000	

Driven tools

Mazak 200 M

Control
Mazatrol 640T Nexus

Maximum Machining diameter	Passage	Lace Width	Ways		Maximum Speed	
<i>Mm</i> 380	<i>Mm</i> 65	<i>Mm</i> 600	<i>Mm</i> 230	<i>Mm</i> 575	<i>RPM</i> 5000	

Driven tools and collets, bar feeders

Mazak Super Quick Turn 10M

Control
Mazatrol T32-3

Maximum Machining diameter	Passage	Lace Width	Ways		Maximum Speed	
<i>Mm</i> 110	<i>Mm</i> 42	<i>Mm</i> 370	<i>Mm</i> 55	<i>Mm</i> 355	<i>RPM</i> 6000	

Driven tools



Mazak Super Quick QTN 100 II

Control
Mazak Matrix Nexus

Maximum Machining diameter	Passage	Lace Width	Ways	Maximum Speed
<i>Mm</i> 110	<i>Mm</i> 42	<i>Mm</i> 309	<i>Mm</i> 55 355	<i>RPM</i> 6000

Collet and bar feeder

Mazak 200

Control
Mazak Matrix Nexus

Maximum Machining diameter	Passage	Lace Width	Ways	Maximum Speed
<i>Mm</i> 380	<i>Mm</i> 65	<i>Mm</i> 1045	<i>Mm</i> 230 575	<i>RPM</i> 5000

Driven tools / counter spindle / Y-axis (100mm)

Mazak Integrex j-200

Control
Mazatrol Matrix Nexus 2

Maximum Machining diameter	Passage	Lace Width	Ways	Maximum Speed
<i>Mm</i> 230	<i>Mm</i> 65	<i>Mm</i> 1000	<i>Mm</i> 450 1000	<i>RPM</i> Milling spindle: 12000 Fulcrum shaft: 5000

Milling spindle Y-axis 72 tools (capto)

Mazak 200 MSY

Control
Mazak Matrix Nexus

Maximum Machining diameter	Passage	Lace Width	Ways	Maximum Speed
<i>Mm</i> 380	<i>Mm</i> 65	<i>Mm</i> 507	<i>Mm</i>	<i>RPM</i> 4000

Driven tools / counter spindle / Y-axis (100mm)



Mazak QTNX 200II MY

Control
Mazak Matrix Nexus 2

Maximum Machining diameter	Passage	Lace Width	Ways		Maximum Speed
<i>Mm</i> 380	<i>Mm</i> 65	<i>Mm</i> 500	<i>Mm</i> 230	<i>Mm</i> 575	<i>RPM</i> 5000

Driven tools, counter spindle, Y-axis 100mm, bar feeder

Mazak QTNX 350 II MY

Control
Mazak Matrix Nexus 2

Maximum Machining diameter	Passage	Lace Width	Ways		Maximum Speed
<i>Mm</i> 420	<i>Mm</i> 102	<i>Mm</i> 1500	<i>Mm</i> 260	<i>Mm</i> 1605	<i>RPM</i> 3300

With bezel

Mazak QTN 350II MY

Control
Mazatrol Matrix Nexus 2

Maximum Machining diameter	Passage	Lace Width	Ways		Maximum Speed
<i>Mm</i> 420	<i>Mm</i> 102	<i>Mm</i> 1500	<i>Mm</i> 260	<i>Mm</i> 1605	<i>RPM</i> 3300

Without bezel

Mazak QTN 350II MY

Control
Mazak Smooth

Maximum Machining diameter	Passage	Lace Width	Ways		Maximum Speed
<i>Mm</i> 480	<i>Mm</i> 102	<i>Mm</i> 1250	<i>Mm</i> 260	<i>Mm</i> 1355	<i>RPM</i> 3300

Without bezel



Mazak Variaxis I700 with MPP

Control
Hurco Ultimax

Axes	Distances in mm			Maximum Speed
Number	x	y	z	RPM
5	630	1100	600	10000

5-axis milling machine, 205 tool positions and MPP

Mazak Integrex E-1250V/8

Control
Mazak Smooth

Axes	Distances in mm			Maximum Speed
Number	x	y	z	RPM
5	1875	1250	1345	10000

Dxf files readable

Mtcut V130Y-12TH

Control
Heidenhain TNC640

Axes	Distances in mm			Maximum Speed
Number	x	y	z	RPM
3	1300	700	610	12000

3-axis gantry milling machineMtcut220P

Control
Heidenhain iTNC530

Axes	Distances in mm			Maximum Speed
Number	x	y	z	RPM
3	2200	1750	750	14000



Mazak VTC800

Control
Mazatrol Matrix 2

Axes	Distances in <i>mm</i>			Maximum Speed
Number	x	y	z	RPM
4	3000	800	720	18000

GROB 550

Control
Heidenhain iTNC 530

Axes	Distances in <i>mm</i>			Maximum Speed
Number	x	y	z	RPM
5	800	950	1020	16000

5-axis milling machine

WEMAS

Control
Heidenhain iTNC 530

Axes	Distances in <i>mm</i>			Maximum Speed
Number	x	y	z	RPM
5	620	520	460	12000

5-axis milling machine, 120 tool positions

Hurco VMX 30

Control
Hurco Ultimax

Axes	Distances in <i>mm</i>			Maximum Speed
Number	x	y	z	RPM
3	760	510	610	10000



Hurco VMX 50

Control
Hurco Ultimax

Axes	Distances in mm			Maximum Speed
Number	x	y	z	RPM
3	1270	660	610	10000

Hurco VMX 50

Control
Hurco Ultimax

Axes	Distances in mm			Maximum Speed
Number	x	y	z	RPM
3	1270	660	610	10000

Dxf files readable





Eroding

Mitsubishi

Wire EDM machine

Distances in mm

x	y	z
600	400	310

Pressing

Hidro Alfa

Hydraulic, up to 100t

Berg & Schmid (3x)

Toggle press

Grinding

TURI SpanTec

Type: 4080 AH - RIC

Distances in mm

x	y	z
800	400	350

Bending

Yellow Bender Mobi

Flat 100 x 15 (10t)

Assembly

Aluminum Profiles

Thanks to our in-house assembly, individual customer requirements can be implemented.



Horizontal Band Saw G-320 NC

Cutting area 320 x 320 mm

Type
Band Saw
High-performance fully automatic band saw

Bauer HS 200

Cutting area 400 x 200 mm

Type
Band Saw
Semiautomatic

Horizontal strip bars C.420 NC

Cutting area 420 x 420 mm

Type
Band Saw
High-performance fully automatic band saw

Bauer 400 V

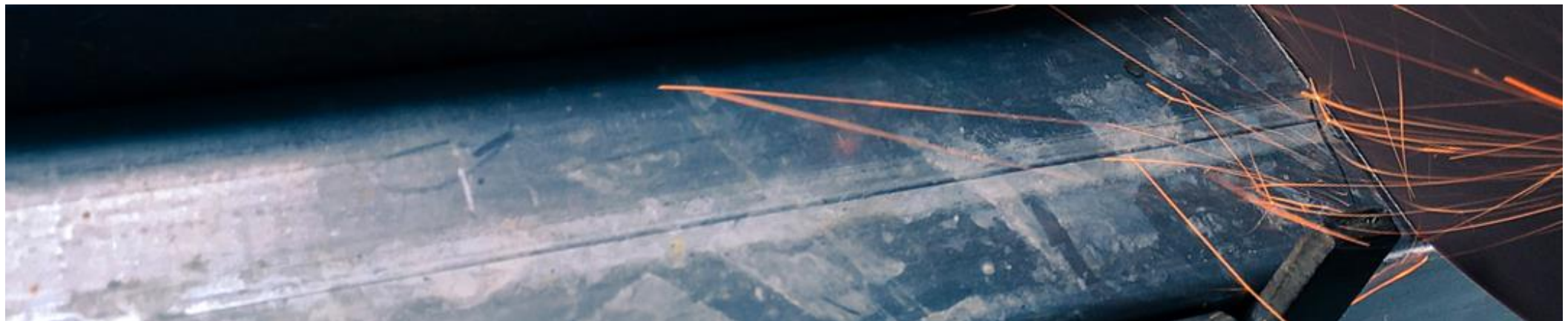
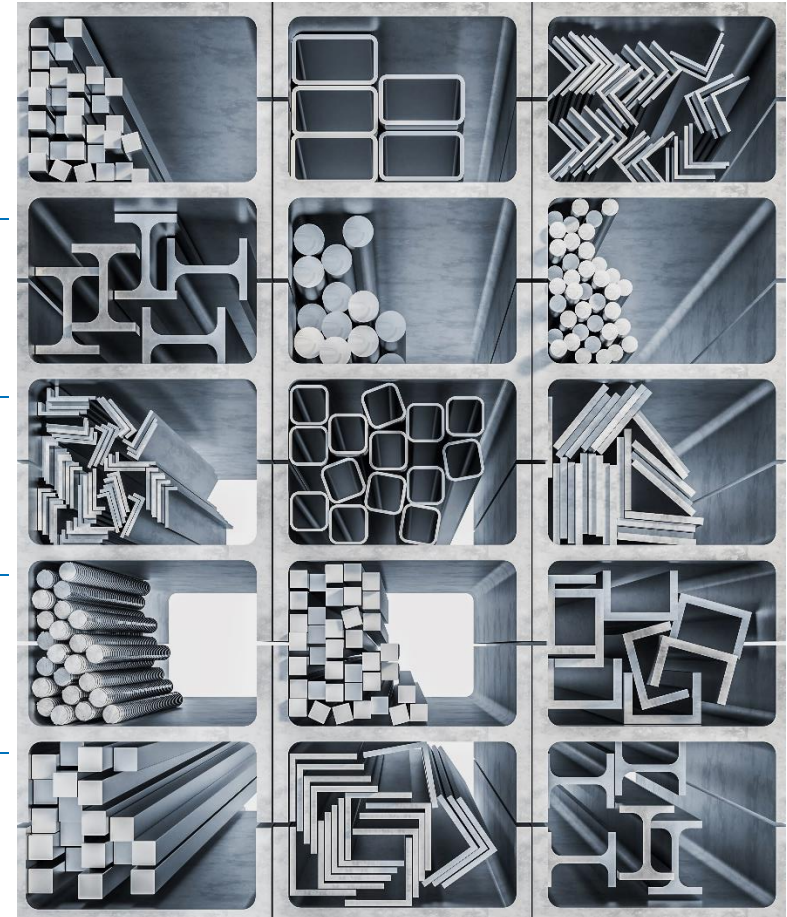
Cutting area 210 x 290 mm

Type
Vertical Band Saw
Manual

Macc NTM

Cutting area 60 mm

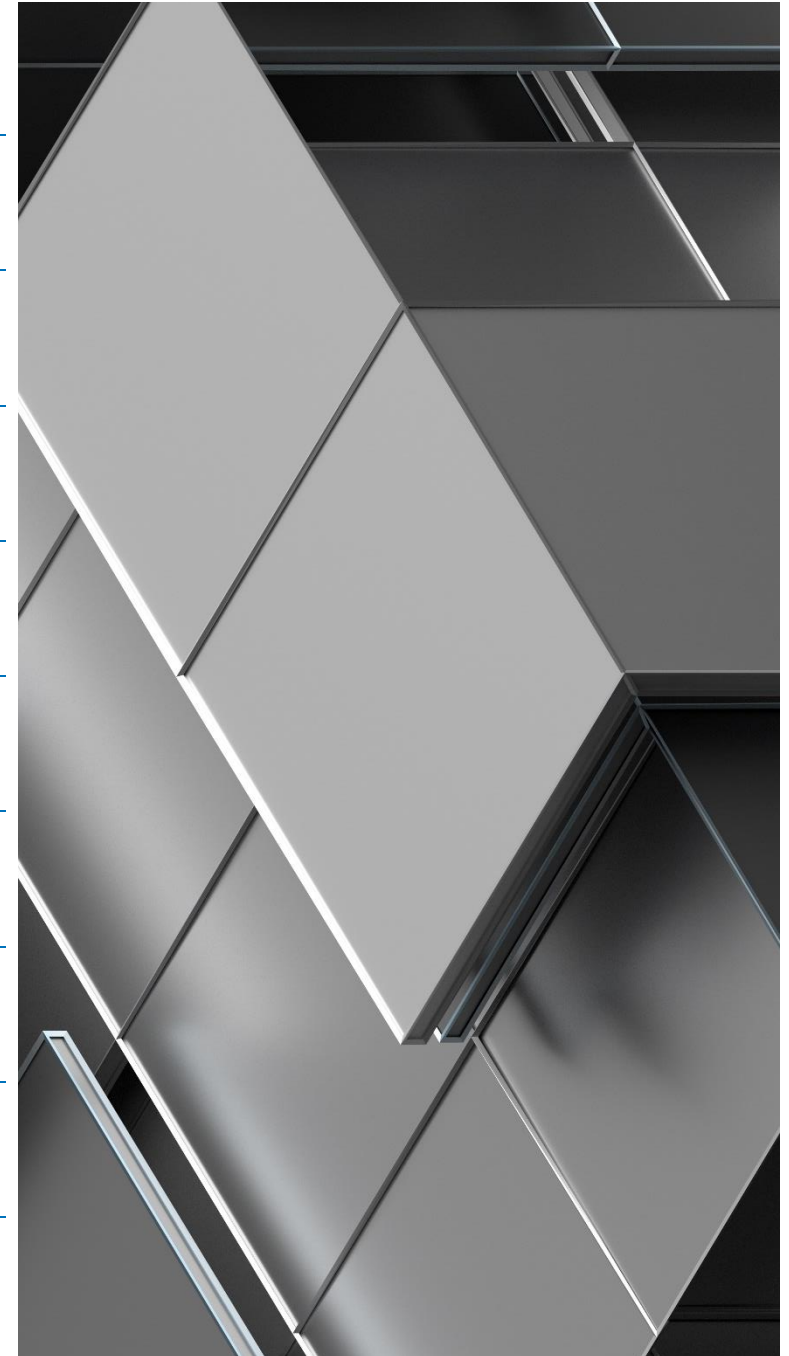
Type
Metal Circular Saw
Manual



Fronius Magic Wave 3000		Type TIG welding
Welding performance	300 A	
Fronius Magic Wave 4000		Type TIG welding
Welding performance	400 A	
Lorch ACI 10		Type TIG welding
Welding performance	220 A	
Rehm RD 250		Type MIG/MAG welding
Welding performance	250	
Rehm Megapuls 350		Type MIG/MAG welding
Welding performance	350 A	
Rehm Megapuls 500		Type MAG welding
Welding performance	500 A	
BTH Tech LBH 710		Type Stud Welding Machine
Welding performance	680 A	
Tecna		Type Spot Welder
Welding performance	80 KVA	



<p>Trowling Mass finishing</p>	<p>Part size up to 300 mm</p>
<p>Glass bead blasting Ceramic blasting</p>	<p>Part size up to 1500 x 900 mm</p>
<p>Sand blasting</p>	<p>Part size up to 700 x 900 mm</p>
<p>Lacquer</p>	<p>Handling by our long-standing partners</p>
<p>E-polishing</p>	<p>Handling by our long-standing partners</p>
<p>Galvanize</p>	<p>Handling by our long-standing partners</p>
<p>Anodizing, electroless nickel plating</p>	<p>Handling by our long-standing partners</p>
<p>Hard Coating Hardanadosing Harden</p>	<p>Handling by our long-standing partners</p>
<p>Burnishing Glow Nitriding Engraving</p>	<p>Handling by our long-standing partners</p>
<p>Colsterizing Pickling Annealing Teflon coating</p>	<p>Handling by our long-standing partners</p>



Mastercam

Type
CNC Milling

Solid Works

Type
Construction

MazaCAM

Type
CNC Turning

TDM Systems

Type
Tool Preparation

abas ERP

Type
ERP system

CAD CAM



Operating system