

machining

CNC turning			
brand	type	year	remarks
Mazak	Nexus 250-II MY	2006	with bar feeder, maximum bar size 75 mm, with driven tools
Mazak	Nexus 250-II MSY	2008	with bar feeder, maximum bar size 75 mm, with driven tools
Mazak	Nexus 250-II MSY	2013	with bar feeder, maximum bar size 75 mm, with driven tools
Mazak	Quick Turn Smart 100S	2013	with bar feeder, maximum bar size 40 mm, with driven tools
Mazak	Quick Turn 250 MY	2025	with bar feeder, maximum bar size 75 mm, with driven tools

turn-mill			
brand	type	year	remarks
Mazak	Integrex J-200S	2017	with bar feeder, maximum bar size 75 mm, with driven tools, with BMO robot automation cell
Mazak	Integrex I-250H S	2025	with bar feeder, maximum bar size 75 mm, with driven tools, with BMO robot automation cell

3- and 4-axis milling			
brand	type	year	remarks
Mazak	VTC-300C-II	2005	maximum product dimensions: 4.000x905x790 mm
Mazak	Nexus 510C-II	2006	maximum product dimensions: 1.050x510x510 mm
Mazak	VTC-800 30SR	2008	maximum product dimensions: 4.900x870x820 mm
Mazak	VTC-300C-II	2011	maximum product dimensions: 4.000x905x790 mm
Mazak	VTC-300C-II	2011	maximum product dimensions: 4.000x905x790 mm
Mazak	VTC-300C-II	2013	maximum product dimensions: 4.000x905x790 mm
YCM	NXV1020A	2022	maximum product dimensions: 1.020x520x540 mm with cobot
YCM	NXV1020A	2022	maximum product dimensions: 1.020x520x540 mm with cobot
YCM	NXV1020A	2022	maximum product dimensions: 1.020x520x540 mm with cobot
Hedelius	Forte F65EL	2025	maximum product dimensions: 1.320x650x600 mm with BMO robot automation cell

5-axis milling			
brand	type	year	remarks
Mazak	Variaxis I500	2017	maximum product dimensions: round 500 mm x 350 mm, with BMO robot automation cell
Hedelius	Acura 65	2018	maximum product dimensions: round 650 mm x 450 mm, with BMO robot automation cell
Hedelius	Acura 50	2021	maximum product dimensions: round 550 mm x 370 mm, with BMO robot automation cell
Hedelius	Acura 50	2023	maximum product dimensions: round 550 mm x 370 mm, with BMO robot automation cell
Hedelius	Acura 65	2023	maximum product dimensions: round 650 mm x 450 mm, with BMO robot automation cell
Hedelius	Acura 50	2025	maximum product dimensions: round 550 mm x 370 mm, with BMO robot automation cell
Hedelius	Acura 65	2025	maximum product dimensions: round 650 mm x 450 mm, with BMO robot automation cell
Hedelius	Acura 85	2025	maximum product dimensions: round 850 mm x 750 mm, with BMO robot automation cell

flat bed milling			
brand	type	year	remarks
Protek	Compact 3020	2020	3-axis and 5-axis milling, maximum sheet size: 1.500x3.000 mm

sheet fabrication	
bending	Safan press break, maximum length: 2.500 mm, sheet thickness up to 15 mm
bending	Shannon heated press break, maximum length: 2.500 mm, sheet thickness up to 15 mm
sawing	Altendorf F45 sliding table saw
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general	
assembly	various equipment to mount (threaded) inserts
bench work	various sawing machines, grinding machines and planing machines
deburring	3x Rösler rotary vibrators
cleaning	2x Finnsonic ultrasonic cleaning installation
heat treatment	1x oven
laser cutting	BRM 6090 CO2 100 Watt laser cutting machine
waterjet cutting	Maxiem 1530, max. product size 3.100x1.575 mm
welding	various welding equipment
blasting	2x glass pearl blasting cabins
cleanroom	ISO class 7 cleanroom with Finnsonic ultrasonic cleaning installation

quality	
CMM	Wenzel CMM XO87, year 2008, range 800x1.500x700 mm
CMM	Wenzel CMM XO55, year 2016, range 500x1.000x500 mm
MMS	Keyence multisensor measurement system LM-X100TL
miscellaneous	Mitutoyo projector, Mitutoyo roughness measuring instrument, Mahr height measuring instruments, all necessary measuring tools and gauges