

Milling						
Qty	Manufacturer	Type name	Axes	Traveling Distance (in mm)	Year	Features
4	Matsuura	Maxia MAM 72-3VS	5	X 680 Y 400 Z 625	(2x) 2007, 2008, 2011	Equipped with 240 tools and 40 paletts
1	Matsuura	MAM72-35V	5	X 550 Y 440 Z 580	2015	Equipped with 240 tools and 40 paletts
1	Matsuura	MAM72-42V	5	X 520 Y 730 Z 510	2015	Equipped with 520 tools and 25 paletts
2	Matsuura	H-Plus 300	4	X 500 Y 500 Z 500	2005, 2008	Equipped with 240 tools and 5-11 paletts
1	DMG	DMU 40eVo	5	X 400 Y 400 Z 375	2012	Equipped with 60 tools
6	DMG	DMU 50eVo	5	X 500 Y 420 Z 380	2000, 2001, 2004, (2x) 2010, 2011	3 machines are equipped with automation robots and 60 pallets; up to 92 tools
1	DMG	DMU 70eVo	5	X 750 Y 525 Z 520	2003	Equipped with automation robot and 92 tools
1	DMG	DMU 65 monoblock	5	X 735 Y 650 Z 560	2012	Equipped with 90 tools
1	DMG	DMU 85 monoblock	5	X 935 Y 850 Z 650	2012	Equipped with 90 tools
2	Mazak	510-C	3	X 1050 Y 510 Z 510	2005	Equipped with 30 tools
2	Haas	VF-2	3	X 760 Y 400 Z 500	(2x) 2012	Equipped with 24 tools
1	Quaser	MV 154 APC/P	3	X 700 Y 530 Z 560	2013	Equipped with pallet changer and 60 tools

Turning						
Qty	Manufacturer	Type name	Axes	Traveling Distance (in mm)	Year	Features
2	DMG	CTX alpha 500	3	Ø 200 L 525	(2x) 2012	Equipped with Y-axis and powered tools
1	DMG	CTX beta 800	3	Ø 340 L 735	2012	Equipped with Y-axis and powered tools
1	Mazak	Nexus 250-II MY	3	Ø 300 L 497	2006	Equipped with Y-axis and powered tools
1	Mazak	Nexus 250 MY	3	Ø 380 L 504	2008	Equipped with Y-axis and powered tools
1	Mazak	Nexus 100-II	2	Ø 280 L 309	2007	
2	Index	C100	9	Ø 42 L 120 / 220	2012, 2014	Equipped with bar loader, 3 turrets and opposed spindle
1	Star	SR20	8	Ø 23 L 50 / 205	2014	Equipped with bar loader

Measurement					
Qty	Manufacturer	Type name	Traveling Distance (in mm)	Year	Features
1	Zeiss	Accura	X 900 Y 1600 Z 800	2013	CN-controlled, equipped with rotary head
1	Zeiss	Contura	X 700 Y 1000 Z 600	2013	CNC-controlled
1	Zeiss	Contura	X 900 Y 1600 Z 800	2014	CNC-controlled
1	Garant	Measuring microscope MM1-300CNC	X 300 Y 200 Z 200	2016	CNC-controlled
1	Mitutoyo	n/a	n/a	2006	
1	Mitutoyo	Optical measurement instrument	---	2004	
1	Garant	Surface roughness measurement instrument	---	2008	
1	n/a	Paint thickness gauge	---	2007	

Furthermore, we are equipped with all basic inspection equipment, which are needed to measure a complex range of parts.

Other equipment

Qty	Manufacturer	Type name	Traveling Distance / Size (in mm)	Year	Application	Features
1	Acsys	Piranha	Plates X Y Bars infinite	2012	Laser marking	
1	Okamoto	Surface grinder	X 600 Y 300	2007	Flat grinding	
1	Auer	ST 10000-PS	---	2000	Glass bead blasting	
1	Memmert	UF 750 Plus	---	2008	Annealing	Up to 300 °C
4	Behringer	Band saw	∅ 360 mm	2006, 2012	Sewing	Semi-automatic
1	REK	Fluid Cleaner 500-V		2015	Cleaning	Cleaning on alcoholic basis

Others:

- Several endoscopes
- Dry ice blasting
- Units for vibratory grinding
- Several drill presses
- Washing machines / Ultrasonic baths
- Baths for chromating (for aluminum and stainless steel)
- Circular saw
- Assembly

Status / 11.2016