MACHINING EQUIPMENT

Type	Brand	Model	X (mm)	Y (mm)	Z (mm)	B	C	Spindle (rpm)	Table (mm)	Production Year
CNC 5 Axis Ind. 2 Spindle TurnMill	DOOSAN	PUMA SMX 2600 ST	630	450	1.585	-124° to 124°	360°	12.000		2021
CNC 5 Axis Ind. 2 Spindle TurnMill	TAKISAWA	TMX-2000S	610	230	1.030	-115° to 115°	360°	5.000/12.000		2015
CNC 5 Axis Simultaneous Milling	MIKRON	MILL E 700 U	700	600	500	-110° to 110°	360°	20.000	Ø630	2022
CNC 5 Axis Simultaneous Milling	MIKRON	MILL E 700 U	700	600	500	-110° to 110°	360°	20.000	Ø630	2022
CNC 5 Axis Simultaneous Milling	DMG_MORI	DMU 50	650	520	475	-35° to 110°	360°	20.000	Ø630	2018
CNC 5 Axis Simultaneous Milling(20 Pallet)	MIKRON	HSM-400-U	500	240	360	-110° to 110°	360°	42.000	Ø150	2009
CNC 5 Axis Simultaneous Milling	MIKRON	HSM600U	800	600	500	-35° to 110°	360°	24.000	Ø600	2006
CNC 5 Axis Ind. Milling	DMG_MORI	CMX 50 U	500	450	400	-5° to 110°	360°	12.000	Ø650	2018
CNC 4 Axis Ind. APC Milling	MAKINO	A51	560	640	640	-	360°	20.000	Ø630x900	2009
CNC 4 Axis Ind. APC Milling	MAKINO	A51	560	640	640	-	360°	14.000	Ø630x900	2006
CNC 4 Axis Ind. APC Milling	MAKINO	A51	560	640	640	-	360°	14.000	Ø630x900	2007
CNC 3 Axis Milling	MAKINO	V33	650	450	350	-	-	20.000	750x450	2000
CNC 3 Axis APC Milling	MAKINO	S33	650	500	450	-	-	14.000	600X450	2004
CNC 3 Axis 7 Pallet Milling	MIKRON	HSM-400	500	450	360	-	-	42.000	GPS 240x240	2002
CNC 3 Axis Milling	MIKRON	VCE-1000 PRO	1.020	560	600	-	-	12.000	1.000X560	2016
CNC 3 Axis Milling	DMG_MORI	CMX 800 V	800	560	510	-	-	12.000	1.100x560	2018
CNC 2 Axis Lathe	DOOSAN	PUMA GT2600M	265		680	-	-	3.500	ø410x610	2022
CNC CY Axis Lathe	TAKISAWA	NEX-110 Y	220	±50	710		360°	3.500	ø560	2020
CNC C Axis Lathe	TAKISAWA	NEX-110 M	220		710		360°	3.500	ø560	2019
CNC 2 Axis Lathe	TAKISAWA	TW 46	470	-	910	-	-	4	Ø760	2008
CNC 2 Axis Lathe	TAKISAWA	NEX 110 P	470	-	910	-	-	4	Ø760	2012
4 Axis CNC EDM Drilling	MIKRON	Ø0.3 - Ø3								2013
2 Axis Lathe	TOS	50 C	600		2					2007
2 Axis Lathe	TOS	50 C	600		1,5					2011
4 Axis Milling	JETCO	JBE-5M	1000	500	500					2016
3 Axis Milling	PRVOMAJSKA	G-01VS	1000	500	650					1995
Surface Grinding	KRASNY BORETS	ORSHA-3563	600	350	320					2003
Surface Grinding	PROTH	PSGS-4080 AHR	600	350	320					2017
Cylindrical Grinding	PARAGON	GU-3250S								2007
Laser Engraving Machine	Istanbul Lazer	30W								2021
Bandsaw	Everising	S-300 HB							Ø300	2007
Bandsaw	Kesmak	KO 280							Ø280	2006
Bandsaw	Uzay Makine	SO 540							Ø540	2005
3 Axis Router	POYSAN	5490-CT-ADT	500	870	200				115x70	2015
3 Axis Router	POYSAN	B3660-S	360	620	200				85x55	2015
Ni-Co PTA Welding	COMMERSALD	7 axis plasma transfer arc welding								2016
Ni-Co PTA Welding	HETTIGER	3 axis plasma transfer arc welding								2012
Welding Machine	FIMER	TT305								2015
Welding Machine	FRONIUS	3000W								2006
Tool Presetter	PWB	QUADRA	375		355					2012
Polishing Machine	SPM									2015

INSPECTION&CONTROL EQUIPMENT

CMM	MITUTOYO	CYRSTA APEX V9168	900	1600	800	(PH10MQ Motorised head, SP25M Scanning probe)				2021
CMM	HEXAGON	TIGO	580	580	500	(LSPX1C Scanning probe)				2014
2D Linear height gage	MITUTOYO	LH-600E	-	-	600					2016
Hardness testing machine	MITUTOYO	Durotwin 963-102R								2005
Roughness measuring instrument	MAHR	Marsurf PS 10								2020
Coating thickness gauge	ELEKTROPHYSIK	MiniTest 730 Zensor FN5								2010
3D Laser Scanner	BREUCKMANN	SmartScan 3d								2014