

The Facility List <Main Facilities>

Name	Units	Manufacturer and model	Maximum capacity
Vertical 5-axis Machining Centre	2	DMG Mori NMV3000 114 pallets, 15,000 rpm, 240 ATC	x350 y350 z300
Vertical 5-axis Machining Centre	1	DMG Mori NMV5000 12,000 rpm	x730 y510 z510
Vertical 5-axis Machining Centre	5	Yasuda YBM-10T 100TT 8,000 rpm, 450 ATC	x1500 y1400 z1400
Vertical 5-axis Machining Centre	1	Yasuda H40i 12,000 rpm	x875 y740 z685
Double-Column Machining Centre (5-Sided Applications)	1	Okuma MCR-A5C 6,000 rpm	x5000 y3500 z800
Horizontal 5-axis Machining Centre	1	Makino a81-5XR HSK100, 20,000 rpm, Super GI, 97 ATC	x900 y800 z1020
Horizontal 5-axis Machining Centre	1	Makino a81-5XR HSK100, 20,000 rpm, Super GI, 241 ATC	x900 y800 z1020
Horizontal 5-axis Machining Centre	2	Makino a81M-5XR HSK100, 8,000 rpm, Super GI, 241 ATC	x900 y800 z1020
Horizontal 5-axis Machining Centre	4	Yasuda YBM8T-63TT 2 pallets, 10,000 rpm, 180 ATC, two-surface constraint	x1000 y1000 z1100
Automation System	1	Makino μ MMCPallet system	24Pallet
Vertical Lathe	1	Okuma VR-80, for high torques	φ800×840
Vertical Lathe	1	Okuma VR-100, for high torques	φ1,000×840
CNC Vertical Lathe	8	OM, VTLex1100	φ1350×835
Electric Discharge Machine	1	Mitsubishi Electric	x300 y250 z200
Grinding Machine	1	Walter, Helitronic vision	
CNC Measuring Machine	1	Walter, Heli check PRO	
Grinding Machine	2	Utsunomiya, TGR-200	
Grinding Machine	1	Taiyo koki, IGV-3N	
Machining Center Supports DIO System	1	Seibu, FMS system	
Blast Peening Machine	1	Nicchu, DMD-111	
Broaching Machine	1	NACHI, SV-16-27-MHC	
Deburr Robot	3	FANUC, Robot I series	
Etching Machine	1	OSC eng	
Coordinate Measuring Machine	3	Carl zeiss	x1,200 y1,800 z1,000
Coordinate Measuring Machine		Tokyo seimitsu, Mitsutoyo	CATIA・IGES
Coordinate Measuring Machine	4	Hexagon	x1,500 y2,600 z1,000
Coordinate Measuring Machine		Global advantage	x1,200 y2,200 z1,000
Penetrant Testing Unit Magnetic	3	Marktec	
Particle Testing Unit X-ray Generator	1	Marktec	
	1	Yxlon 450kV	
Surface Roughness Measuring Instrument	2	Mitsutoyo	
CATIA	1		
UG	1		
hyperMILL	4	OPEN MIND	
Mastercam	4	JBM	
SOLIDWORKS	1	SORIDWORKS Japan K.K.	
VERICUT	2	CG TECH	
CAM-POST	1		
CATIA / UG / DXF / IGES / STEP			