

The Facility List

Name	Units	Manufacturer and model	Maximum capacity
5-axis + Lathe (compound)	1	Okuma & Howa VTM-120YB Two pallets, 120 ATC 6,000 rpm two-surface constraint	x1,270 y1,000 z1,080
5-axis + Lathe (compound)	1	Mori Hitech Super Hi Cell 8,000 rpm, 60 ATC, two-surface constraint	φ500×500
Vertical 5-axis Machining Centre	1	Makino V55-5XA 43 pallets, 20,000 rpm, 80 ATC	x800 y500 z450
Vertical 5-axis Machining Centre	1	Makino V55-5XA HSK two-surface constraint, 20,000 rpm Super GI, veil machining	x800 y500 z450
Horizontal 4-axis Machining Centre	1	Mazak FH-10800 7,000 rpm, 80 ATC	x1700 y1400 z1400
Horizontal 5-axis Machining Centre	1	Makino a71-5XR HSK100, 20,000 rpm, Super GI	x730 y730 z850
Horizontal 5-axis Machining Centre	1	Makino a61-5XR HSK63, 20,000 rpm, Super GI	x730 y650 z600
Horizontal 5-axis Machining Centre	1	Makino A55-5XR 2 pallets, 20,000 rpm, veil machining	x560 y560 z710
Horizontal 4-axis Machining Centre	1	Makino A55E 1 pallets, 20,000 rpm, Super GI	x560 y560 z670
Vertical Machining Centre	8	Mitsubishi, Mori Seiki, Kitamura, 12,000 rpm	x800 y510 z410
NC Lathes With Milling	2	Mori Seiki	φ500×1,000
NC Lathes	8	Hitachi, Okuma, Yamazaki, Mori Seiki	φ200×200
Wire Cutter	2	Makino, Yasuda	x550 y500 z320
Tapping Machines	4	Brother	M0.5~M16
Drill Presses	6		φ0.5~φ13
Cutting Machines	4	Daito, 1 automatic	φ260
Drill Sharpener	1	OSG, full automatic	φ260

Name	Units	Manufacturer and model	Maximum capacity
Projector	1	Mitsutoyo	
Micrometer		Mitsutoyo	0~250
Micrometer		Mitsutoyo	0~200
Pingauge		Mitsutoyo	0.5~ 8
Plug gauge		OSG	M1~M38 #0.8~#12-28