

Facility Capabilities - Machine List

Machine Tools

Maker	Model / Type	Size	Qty.
-------	--------------	------	------

★Machining Center

Horizontal Type

MAKINO MILLING MACHINE	A-55	400x400x2 ATC60 BT50	1
MAKINO MILLING MACHINE	a-71	500x500x2 ATC60 BT50	3
MAKINO MILLING MACHINE	a-71	500x500x2 ATC60 HSK-A100	1
TOSHIBA MACHINE	BMC-50B	500x500x2 ATC60 BT50	1
Nigata-Tekko	EF-40H	400x400x2 ATC24 BT40	1
OKUMA	MA400HA	400x400x2 ATC60 BT40	1
OKUMA	MA400HA 6pallet	400x400 ATC60 BT40	1
OKUMA	MA500HB	500x500x2 ATC60 BT50	2
OKUMA	MA50HB 10pallet	500x500 ATC100 BT50	1

Vertical Type

OKUMA	MB-56VB	1050x560 ATC32 BT50	1
OKUMA	MA550VB	1300x600 ATC30 BT50	2
MAKINO MILLING MACHINE	GF-6	1050x600 ATC20 BT50	2
MORI SEIKI	MV-55	1050x550 ATC30 BT50	1
Toyoda Machine Works	FV45	800x560 ATC24 BT50	1
Mitsubishi H.I.	V-500	800x500 ATC12 BT50	1
IKEGAI	TV-5	1000x510 ATC24 BT50	2
IKEGAI	TV-4	560x420 ATC20 BT40	1
Brother	TC-S2A	ATC14 BT30	2
Brother	TC-S2B-0	ATC21 BT30	1
Brother	TC-S2C-0	ATC21 BT30	1
Brother	M140x2	ATC21 BT30	1

★NC Turning Center

OKUMA	Mac Turn250W	550x1000 V12+ATC44 HSK-63	1
OKUMA	Mac Turn250	550x1000 V12+ATC44 HSK-63	1
IKEGAI	TCR25Y	180x400 12 tools	1
IKEGAI	TUR15Y	200x420 12 tools	1
OKUMA	LU15-M	200x500 V12x2	2
OKUMA	LU300-M	200x500 V12x2	1

MORI SEIKI	NMV3000DCG	350x300 ATC61 HSK-A63	1
OKUMA	MULTUS B200 II	500x600 ATC20 HSK-A63	2

★ NC Lathe

OKUMA	LB-15 II	200x500 12 tools	2
IKEGAI	TU15	200x400 12 tools	1
IKEGAI	TC25	250x150 12 tools	1
Seibu Electric & Machinery	SNC-20Pi	220x220	1
MURATA	MW200	350x170 12 tools x 2spindle	1
OKUMA	LB2000 II EX	φ430x150 12 tools	1
OKUMA	LB3000 II EX	φ410x250 12 tools	2

★Lathe

Washino Machinery	LE-19J	250x800	1
HOWA SANGYO	Strong 860	250x500	1

★Milling Machine

Hitachi Seiki	MS-V		2
HOWA SANGYO	2V		1

★Honing Machine

Hamano-Tekko	3S-HGM	50x200	1
Hamano-Tekko	3S-HGM-S-HNC(CNC)	50x200	1
TAMIX	TH-3	φ5-30x100	1
TAMIX	TH-2S	φ20-80x1200	1
NISSIN MANUFACTURING	CMH2000NV 2 Head	φ4-25x80	1
NISSIN MANUFACTURING	E25-MM 2 Head	φ4-25x80	1
NISSIN MANUFACTURING	G50L-MM1	φ4-50x600 (double slide)	1

★Center less OD.Grinder

MICRON MACHINERY	MPC450	80x250	1
MICRON MACHINERY	MD-600 II -15D-(CNC)-SA	100x400	1
MICRON MACHINERY	MD-600 II -15D-SA	100x300	1

★Surface Grinder

Okamoto Machine Tool Works	PSG-52D	200x500	1
NAGASE INTEGREGX	SGE-63	300x600	1
Hitachi Via Mechanics	GHL-B300	300x600	1

★NC Cylindrical, Internal Grinder

STUDER	S20(CNC)	100x400	1
OKUMA	G1-10N	30x60	1
Mitsubishi H.I.	R23	150x280	1
Fujiya Seisakusyo	5RE	60x150	1
SANSHIN	S589-S1	Tape lapping	1

★EDM

SODICK	A35R(Die-sinker)		1
SODICK	K1CN(Small-hole)		2
SODICK	SL600Q(Wire-cut)	600x400x350	1
ELENIX	CT300FX	300x200 Electrode diameter Φ0.1~Φ3.0	1

★Deburring

Extrude Hone	Vector6/6		1
Tsukishima Machine	Tumbler		2
TIPTON	HS-R40IBS		1

★Radial Drilling Machine

OGAWA IRON WORKS	HOR-1100		1
TEIJIN OKUMA	DMB		2

★Tool Grinder

ITO	DP-520		1
MAKINO MILLING MACHINE	C-40		1
YAMATO KOKI	PROFIT CG-250-N		1

Inspection Facilities

Maker	Model / Type	Size	Qty.
-------	--------------	------	------

★CMM

TOKYO SEIMITSU	CONTURA 7/7/6	700x700x600	1
TOKYO SEIMITSU	SVA NEX 7/5/5	650x500x450	1
TOKYO SEIMITSU	SVA800A(CNC)	800x500x450	1
Mitutoyo	Crysta Plus M 544	500x400x400	1

Mitutoyo	Crysta Plus M 574	500x400x400	2
Mitutoyo	QV404(Optical)	400x400x160	1

★Roughness Tester

TOKYO SEIMITSU	Opt-scope S+	Non-contact Roughness/Formtracer	1
TOKYO SEIMITSU	SURFCOM-1800D	Roughness/Formtracer	1
Mitutoyo	CS-H5000 CNC	Roughness/Formtracer	1
TOKYO SEIMITSU	E-MD	Ra/Rmax/ Rz/Rt	1

★Roundness Tester

Mitutoyo	RA-400		1
TOKYO SEIMITSU	Ronocom65A		1

★Hardness Tester

Akashi/Mituzawa/Matsuzawa		HRc/b/30N/15N/Hs	4
---------------------------	--	------------------	---

★Magnaflux

NIHON DENJISOKKI	NQ-40TS	NAS410,ASTM E1444	1
------------------	---------	-------------------	---

★Projecter

Mitutoyo	PJ311		1
----------	-------	--	---

★Hydraulic Test Stand

TOKYO KEIKI		21MPa	1
TOKYO KEIKI		34MPa	1
TOKYO KEIKI		25MPa	1
RIKEN		200MPa	3
HUNAKI		30MPa	2
HUNAKI		250MPa	2
HUNAKI		30MPa	1
HUNAKI		30MPa	1
HUNAKI			1

★Particle Counter

	Electric balance		3
	Particle Counter HIAC PODS		1

★Microstructure test

Marumoto Struers	Cutting, Mounting, Grinding		1set
------------------	-----------------------------	--	------

★OTHERS

	Lazser Marking		2
	Clean Room	88m ²	1
Isuzu Seisakusho	Electric furnace		1
ESPEC	PVH-22(Electric furnace for Baking)	W600xH900xD600	1
OLYMPUS	VMR-CCC-A3-J-JA	X-ray Analyzer	1