

■ Major Equipment List

Jun.-1-2026

Vertical CNC Lathes ターニング

Manufacturer	Model	Maximum work size	Remarks
OKUMA	V100R	$\phi 1000 \times 890L$	Vertical CNC Lathe
OKUMA	2SP-V80R	$\phi 800 \times 840L$	Vertical CNC lathes with 2 Spindles
OKUMA	V60R	$\phi 610 \times 660L$	Vertical CNC Lathe
Yamazaki Mazak	MEGA TURN 600MS	$\phi 920 \times 800L$	Vertical CNC lathes, multi-tasking
Yamazaki Mazak	MEGA TURN 600M	$\phi 600 \times 550L$	Vertical CNC lathes, multi-tasking

CNC Lathes NC旋盤

Manufacturer	Model	Swing and center distance	Remarks
OKUMA	LH55-N	$\phi 685 \times 4000L$	CNC Lathe
OKUMA	LU45-M II	$\phi 780 \times 3000L$	4 axis control CNC lathe, multi-tasking
OKUMA	LU45-M (2)	$\phi 660 \times 2000L$	4 axis control CNC lathe, multi-tasking
OKUMA	SIMUL TURN LU400-M	$\phi 420 \times 2000L$	4 axis control CNC lathe, multi-tasking
OKUMA	LB45 III	$\phi 660 \times 1000L$	CNC Lathe
OKUMA	LB3000EX II	$\phi 340 \times 1000L$	CNC lathes, multi-tasking
OKUMA	SPACE TURN LB3000EX	$\phi 410 \times 500L$	2 sets (on is multi-tasking)
Yamazaki Mazak	QUICK TURN SMART350	$\phi 420 \times 614L$	CNC Lathe
Yamazaki Mazak	SLANT TURN 500	$\phi 1040 \times 4000L$	CNC Lathe

Multi-Tasking Machines 複合加工機

Manufacturer	Model	Maximum work size	Remarks
Yamazaki Mazak	INTEGREX e-1250V/8	$\phi 1450 \times 1600L$	With 2 automatic pallet changers
Yamazaki Mazak	INTEGREX e-1060V/8	$\phi 1250 \times 1250L$	With 2 automatic pallet changers
Yamazaki Mazak	INTEGREX e-670H	$\phi 1070 \times 4000L$	Simultaneous 5-axis control 2Spindles
Yamazaki Mazak	INTEGREX e-500H	$\phi 820 \times 4000L$	Simultaneous 5-axis control
Yamazaki Mazak	INTEGREX e-420H II	$\phi 670 \times 3060L$	2 sets, simultaneous 5-axis control
Yamazaki Mazak	INTEGREX i-400S	$\phi 658 \times 1519L$	Simultaneous 5-axis control 2Spindles
Yamazaki Mazak	INTEGREX i-200S	$\phi 658 \times 1011L$	Simultaneous 5-axis control 2Spindles

Machining Centers マシニングセンター

Manufacturer	Model	Stroke: X-axis $\times$ Y-axis $\times$ Z-axis	Remarks
YASDA PRECISION TOOLS	YBM 8T-63TT	$1000 \times 1250 \times 1100$	Simultaneous 5-axis control with 5-pallet APC
DMG MORI	DMU 80 P duoBLOCK	$800 \times 800 \times 800$	Simultaneous 5axis control
DMG MORI	DMU 85 FD monoBLOCK	$850 \times 850 \times 650$	Simultaneous 5axis control with turning function
Yamazaki Mazak	VTC-800/30SR	$3000 \times 800 \times 720$	Simultaneous 5axis control
Yamazaki Mazak	MTV-655/60	$1500 \times 650 \times 650$	Vertical
Yamazaki Mazak	VARIAXIS i-700T	$630 \times 1100 \times 600$	Simultaneous 5-axis control with 10-pallet APC
Yamazaki Mazak	VCN-535C- II	$1050 \times 530 \times 560$	Robot KUKA KR 60-3

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Manufacturer	Model	Stroke: X-axis×Y-axis×Z-axis	Remarks
Yamazaki Mazak	VCS-530CLH	1050×530×510	Vertical
Yamazaki Mazak	VCN410A-II	560×410×510	Vertical
SHIBAURA MACHINE	BTD200QF	1500×1200×700	Horizontal boring machine
JTEKT	FH630SX	1000×800×850	With 2 automatic pallet changers, horizontal
MITSUI SEIKI	HU63A	900×800×800	With 6 automatic pallet changers, horizontal
MITSUI SEIKI	HS5A	800×560×560	With 6 automatic pallet changers, horizontal

Thread Rolling Machines ねじ転造盤

Manufacturer	Model	Maximum rolling capacity	Remarks
ORT	3RP120	120 tons	
TSUGAMI	R100	100 tons	
PROFIROLL	2-NTR60	60 tons	Computerized Numerically Controlled
TSUGAMI	T-ROL60	60 tons	
TSUGAMI	R30A	30 tons	General purpose
TSUGAMI	R17NC-II	17 tons	Computerized Numerically Controlled

Grinding Machines 研削盤

Manufacturer	Model	Maximum work size	Remarks
TAIYO KOKI	NVG II-12CT	φ 1200×500L	CNC, vertical Multi-Process Grinding Machine
TAIYO KOKI	CVG-9	φ 900×600L	CNC, vertical Multi-Process Grinding Machine With 2 automatic pallet changers
JTEKT	G3VU86	φ 800×600L	CNC, vertical Multi-Process Grinding Machine
SHIGIYA	GP-55D	φ 530×4000L	CNC cylindrical grinder with a handle
SHIGIYA	GP-45B	φ 450×3000L	CNC cylindrical grinder with a handle
SHIGIYA	GPH-40 150	φ 280×1500L	CNC cylindrical grinder with a handle
NISSHIN KOKI	GRI-1000N II	φ 500×500L	CNC horizontal internal grinder
Toyo Advanced Technologies	T-123B	φ 300×300L	Internal grinder
HEALD	273A	φ 200×150L	Internal grinder
AMADA WASINO	SS-501	φ 550×190L	Rotary grinder
AMADA WASINO	SG-105A	500×1000L	Surface grinder

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Sawing Machines のこ盤

Manufacturer	Model	Maximum work size	Remarks
AMADA	ASPC430X	$\phi 30 \times \phi 330 \times 1500L$	With an automatic loader /unloader with automatic marking
AMADA	CMII 100DG	$\phi 100$	Carbide-tipped circular saw machine
AMADA	PCSAW330	$\phi 330 \square 330 \times 330$	With RT conveyor
AMADA	H-550E	$\phi 460 \square 550 \times 460$	Horizontal Descending Semi-Automatic Metal Cutting Band Saw

Gun Drilling Machine ガンドリル

Manufacturer	Model	Available bit sizes	Maximum work length
Techno Kawahara	KS-912 Gun Drilling Machine	$\phi 11.5 \phi 12.5 \phi 14.5 \phi 15 \phi 16 \phi 18 \phi 19$ $\phi 21 \phi 23 \phi 24 \phi 25 \phi 26 \phi 28 \phi 32$	1000L

Lathes ・ Milling Machines 旋盤・フライス盤

Manufacturer	Model	Maximum work size	Remarks
NITTO POLYGON	NCP-280	$\phi 120 \times 80L$	Polygon machine
Takisawa Machine Tool	TAC-800	$\phi 820 \times 3052L$	CNC Manual lathe
Takisawa Machine Tool	TAC-560	$\phi 300 \times 1000L$	CNC Manual lathe

Ion nitriding equipment ・ Others イオン窒化装置・その他

Manufacturer	Model	Specification	Classification
NDK	JIN-6SBP	Internal furnace dimensions: $\phi 910 \times 2000$	Ion nitriding equipment
NIPPON STEEL WELDING & ENGINEERING	NW-350AH-III	With a robot positioner	Powder Plasma Transferred Arc Welding
Seibu Electric	M750S	Maximum work size: $900 \times 700 \times 250$	wire electric discharge machine
EASTAR MACHINE TOOLS	CNC-350	Travel of ram: 350 mm with CNC rotary index (Table diameter: $\phi 560$)	Slotter
ZOLLER	Venturion450	Measurement range(mm) X:210 Z:450 Maximum measuring diameter 420 2 units available	Tool pre-setter
OSG	OZT-3 600		Tool pre-setter
NIHON TOKUSHU KOUGYO	NCR-1500MM	work size: $\phi 16 \sim \phi 130$ work length: 150L~1500L	Centering machine
OSAKA JACK	500KNC	Pressing capacity: 100~500KN	Straightening machine
DAIHEN	Almega AX-MV6 & AXPE301-JC		Welding robot & positioner
DAIHEN	INVERTER ELECON 500P	Can weld alminium	TIG welding machine
TechnoCoat	TL-150N		YAG Laser Welder
KEYENCE	MD-F5200	Marking area : $125 \times 125 \times 42mm$	Fiber laser marker
AMADA	V-400		Contour machine
BIG DAISHOWA	Tool Cellar GENESIS		Inventory Management Tool storage cabinet with tool life management system
BIG DAISHOWA	Factory Manager		Manufacturing Information Management Software

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Painting Equipment 塗装設備

Manufacturer	Equipment type	Specifications	Remarks
NIHON PARKERIZING	Painting booth	W4100×H3050×L3450	
NIHON PARKERIZING	Baking booth	W2425×H2500×L1300	
NIHON PARKERIZING	Baking booth	W2200×H2500×L3500	

Testing Equipment 検査機器

Manufacturer	Model	Specifications	Classification
TOKYO SEIMITSU	CONTURA10/12/6	Measuring range: 1200×1000×600 With rotating scanning probe	Coordinate measuring machine
Mitutoyo	SJ-310	Measuring range : 360 μ m (−200 μ m ~ +160 μ m)	Surface roughness tester
Mitutoyo	CV-1000	Measuring range : X-axis: 50mm Z-axis: 25mm	Contour measuring instrument
KEYENCE	VHX-7000	20 x to 200 x, 100 x to 1000 x	Digital microscope
KEYENCE	IM-7030T	200mm×200mm $\pm$ 1 μ m	Image dimension measurement system
KEYENCE	XM-5000	2000×1200×1000mm	Handy Coordinate measuring machine
RYOSHO	UI-27	Flaw detection frequency : 2 4 5 MHz	Ultrasonic flaw detector
Eishin Kagaku	SA-40H	Output power : DC4000A AC3000A	Magnetic particle flaw detector
Proceq	Echo Chip 550	Measuring range (D-type impact tester) HB81~654	Headness testing machine
Nakai Precision Machinery Mfg	NBH-3	Test Force: 4903N~29420N	Brinell hardness tester
Nakai Precision Machinery Mfg	D	Dial-indicating type	Shore hardness tester
Mitutoyo	HM-210	Test Force: 98.07mN~9807mN	micro Vickers Headness testing machine
Rigaku Corporation	Niton XL5 Plus	alloy • for Pure Metal	portable fluorescence x-ray analyzer

Accuracy Measuring Device For Machine Tools 工作機械精度計測装置

Manufacturer	Model	Specification	Classification
RENISHAW	XL-80 Laser measuring System	Positioning : $\pm$ 0.5ppm (0℃~40℃)	Accuracy measurement device for machine
RENISHAW	QC20-W Ball Bar System	Ball Bar measuring accuracy : $\pm$ 1 μ m	Roundness measuring machine
RENISHAW	XR20-W Rotation axis indexing angel measurer	Measurement accuracy : $\pm$ 5 μ m/m	Indexing angle measuring device

Computer Aided Design & Computer Aided Manufacturing CAD/CAM

Manufacturer	Software	Specification	Remarks
OPEN MIND	hyper MILL	3D CAD/CAM 5-axis : 2sets, 2-axis + lathe : 1set	CAD/CAM software
CNC Software	Mastercam	3D CAD/CAM	CAD/CAM software
CG-Tech	VERICUT	a cutting simulation software	
MYC	CAMBASE	3D CAD/CAM	CAD/CAM software
OKUMA	ADMAC-Parts	3D CAD/CAM	CAD/CAM software
TACTX	WinMAX V4	2D CAD/CAM	CAD/CAM software
DASSAULT SYSTEMES	Solid Works	3D CAD	CAD software
Autodesk	Auto CAD LT	2D CAD	CAD software