

Equipment list

September.2024

Equipment Machine Tools	Outer diameter × Intercore(mm)	Name	Units	Producer
CNC multi-turning machine <13units>	φ 1070 x 4000	INTEGREX e-670H (SMW φ 215~510/18inch/Coolant 7MPa)	1	YAMAZAKI MAZAK
	φ 820 x 4000	INTEGREX e-500H (SMW φ 45~310/18inch/Coolant 3.5MPa/LBB)	1	
	φ 820 x 3000	INTEGREX e-500H (SMW φ 80~390/Coolant 7MPa/Laser 6 Kw)	1	
	φ 820 x 3000	INTEGREX e-500H (SMW φ 100~410/18inch/Coolant 7MPa)	3	
	φ 700 x 3000	INTEGREX i-500 (SMW φ 100~410/15inch/Coolant 7MPa)	3	
	φ 650 x 1500	INTEGREX i-300 (SMW φ 52~280/12inch/Coolant 7MPa)	3	
	φ 500 x 1200	INTEGREX j-300 (12inch/Coolant 7MPa)	1	
CNC multi-turning machine AM <2units> <small>3Scheduled to be introduced in spring 2026</small>	φ 820 x 4000	INTEGREX e-500H AM (Automatic steady rest φ 140~470/24inch/Coolant 7MPa/Laser6Kw)	1	YAMAZAKI MAZAK
	φ 670 x 3000	LASERTEC 3000 (SMW φ 75~430/12inch/Coolant 7MPa/DED Laser3Kw)	1	DMG MORI
CNC turning machine <50units>	φ 450 x 6000	POWER MASTER (SMW φ 45~310/Steady rest φ 20~550)	5	YAMAZAKI MAZAK
	φ 450 x 4000	POWER MASTER (SMW φ 45~310/Steady rest φ 20~550)	3	
	φ 500 x 460	MEGA TURN 500 (Chuck18inch)	1	
	φ 420 x 1250	QUICK TURN 350 (Chuck15inch)	2	
	φ 490 x 2000	QUICK TURN 300 (SMW φ 20~165)	4	
	φ 380 x 1000	QUICK TURN 250 (Intercore500~1000L)	4	
	φ 350 x 500	QUICK TURN 200 (2 units include with EZ LOADER)	7	
	φ 380 x 500	QUICK TURN 250MY	1	
	φ 360 x 500	QUICK TURN 250ML	1	
	φ 250 x 250	QUICK TURN PRIMOS 150	2	
	φ 280 x 1500	M-4	8	
	φ 340 x 3000	M-5	12	
Large-scale NC lathe <8units>	φ 2250 x 6000	W16L	2	DAINICHI
	φ 1500 x 6000	W16L	1	
	φ 1250 x 8000	DL-167 (With grinding function)	1	
	φ 1100 x 14000	DL II 152	1	
	φ 800 x 6000	DL-120	1	
	φ 630 x 10000	DL-95W	1	
	φ 630 x 6000	DL-95W	1	
NC lathe <10units>	φ 520 x 4000	SS	1	DAINICHI
	φ 380 x 8000	DL-65(Intercore2000~8000L)	6	
	φ 300 x 2000	DL-530(Intercore1500~2000L)	3	
Turning machine for general purpose <19units>	φ 870 x 6000	Rex870(Intercore4000~6000L)	3	YAMAZAKI MAZAK
	φ 280 x 4000	Mark II	1	
	φ 260 x 4000	MAZAK4000G	2	
	φ 260 x 3000	MAZAK3000G	1	
	φ 260 x 1500	MAZAK1500G	1	TAKIZAWA
	φ 380 x 3000	TAL-600	2	
	φ 380 x 3000	TAL-560	2	
	φ 300 x 1500	TAL-510	2	
	φ 250 x 1500	TAL-460	2	
	φ 360 x 3000	APOC-A620x3000G	3	
φ 360 x 3000	APOC-A620x3000G	3	TSUDA	
Equipment Machine Tools	Specifications(X×Y×Z(mm))	Name	Units	Producer
Pentahedral processing machine &machining center <16units>	5200 x 3100 x 800	MCR-A5C II (Table Length4200~5200L/NC rotary tables)	4	OKUMA
	1500 x 660 x 660	MB-66VA (NC rotary tables/spindle25000rpm/Air spindle80000rpm)	6	
	2050 x 850 x 750	MILLAC 852V II (NC rotary tables/Coolant7MPa)	2	
	762 x 460 x 460	MU-400V II	1	
	925 x 1050 x 660	MU-6300V-L	1	
	1050 x 600 x 510	VCN-600/530C	2	YAMAZAKI MAZAK
Equipment Machine Tools	Outer diameter × Intercore(mm)	Name	Units	Producer
Large CNC cylindrical grinder <2units>	φ 1600 x 6000	KWA-1660D (Workpiece weight10t/Cradle φ 100~400/With automatic measurement)	1	SHIBAURA
	φ 1200 x 10000	KWC-12100D (Workpiece weight8t/Cradle φ 130~510)	1	
Ultra-precision NC grinder <4units>	φ 610 x 5000	KT-650C (Workpiece weight3t/With automatic measurement)	2	SHIBAURA
	φ 560 x 4000	GR7i ULTIMATE (Static pressure/Linear Drive/Workpiece weight1.5t/With automatic measurement)	2	
Precision NC grinder <21units>	φ 560 x 4000	GE 6P (With crowning software/Workpiece weight0.5 t)	4	JTEKT
	φ 560 x 3200	GE 6P (With crowning software/Workpiece weight0.5 t)	4	
	φ 560 x 2500	GE 6P (With crowning software/Workpiece weight0.5 t)	5	
	φ 320 x 2000	GE 4Pi (Workpiece weight150kg)	1	
	φ 320 x 1500	GE 4Pi (Workpiece weight150kg)	5	
	φ 430 x 5000	GP-45D (Workpiece weight1t)	2	
Cylindrical grinder <1units>	φ 400 x 3150	GP-40	1	OKUMA

Equipment Machine Tools	Outer diameter × Intercore(mm)	Name	Units	Producer
Cylindrical mirror surface grinding machine < 6units >	φ 1000 x 6000	4H-6000	1	MILLAK
	φ 650 x 4000	2H-4000-SP	2	
	φ 400 x 4000	1H-4000-GP	2	
	φ 350 x 3000	1H-4000	1	
Buffing and Polishing Machine	φ 350 x 3000	1HSB-3000	1	
Ultra-precision grooved rotary disk < 6units >	φ 600 x 2995	ULR-628 (piezoelectric unit)	3	SHIBAURA
	φ 500 x 1500	ULR-515C (piezoelectric unit)	3	
Vertical multi purpose grinding machine	φ 800 x 500	Vertical Mate 85 (Coolant 4.1MPa)	2	TAIYO KOKI
Horizontal internal grinding machine	φ (Inside diameter) 400 x 850	IGHL-20N (Steady φ 80~400/Workpiece length2150L/Coolant 4.1MPa)	1	TAIYO KOKI
Internal grinding machine	φ (Inside diameter) 6~200 x 500	IGM-2MB	1	OKAMOTO
Dynamic balancer < 8 units >	φ 2400 x 7500	H60UB (Workpiece weight18t/Cradle φ 50~400)	1	NAGAHAMA
	φ 1600 x 8000	H40UB (Workpiece weight3t/Cradle φ 15~360)	1	
	φ 600 x 4000	HA4UB	1	
	φ 200 x 3000	H20BK (Workpiece weight100kg/Cradle φ 9~190)	5	
Equipment Machine Tools	length × width × height (mm)	Name	Units	Producer
CNC Surface Grinder	3000 x 500 x 500	SP II 305 DXNCZ	1	OKAMOTO
Surface Grinder	1000 x 500 x 500	PSG105DX	1	
		1000 x 600 x 500	PSG106CA1	1
Vertical Milling Machine	800 x 300 x 400	M-800	1	YAMAZAKI MAZAK
	820 x 300 x 420	SV-CH	3	SHIZUOKA
Wire EDM Machine	800 x 600 x 500	ALN800G	1	SODICK
Equipment Machine Tools	Specifications/Name		Units	Producer
Radial Drilling Machine	Vertical1600L		1	OYA
	Horizontal type (All-purpose type)		2	AICHI TOKEI
Sawing Machine	φ 300 x 300H		2	AMADA
	φ 250 x 250H		2	

**Machine tools Total 186units**

Equipment Machine Tools	Specifications/Name	Units	Producer
Electric Welding Machine	MIG Soldering, TIG Soldering, AC Soldering	9	Panasonic
	Automatic Welding Machine M500	1	DAIHEN
	Laser Welding TL-200N	1	TechnoCoat
	Positioner (Circular table Max. φ 2500x20t)	9	all sorts
Crane	10t / 15t	2	Nipponhoist
	4.8t	5	
	2.8t	34	
	2t	4	
Compressor	Screw compressor20HP	8	HOKUETSU
	Screw compressor7.5HP	1	MITSUI SEIKI
Roll Caliper	φ 500 ~ 1400	1	Mitutoyo
	φ 200 ~ 600	2	
	φ 100 ~ 450	1	
Instruction Snap Gauge	φ 0 x 25	1	Mahr
	φ 25 x 60	1	
	φ 100 x 150	1	
	φ 150 x 200	2	
	φ 200 x 250	1	
	φ 250 x 300	1	
	φ 300 x 350	3	
	φ 350 x 400	1	
φ 400 x 450	1		
φ 450 x 500	1		
Electronicmicro	Resolution 0.1 μ	3	Mahr
Microscope	Magnification 500 times	1	KEYENCE
Laser microscope	With three-dimensional analysis	1	
Ultrasonic Thickness MeasuringInstrument	AD-3253	1	A&D
Film Thickness of Percurrent Type & Electromagnetic Type	DUALSCOPE MPOR-FP	1	FISCHER
Digital Surface Thermometer	Surface Sensors	1	ANRITSU
Surface Roughness MeasuringInstrument	Peltometer M2	2	Mahr
	SJ-210	3	Mitutoyo
	TG-02U	1	Customize

**Others Total 105units  
The Total Amount 291units**

**Hikoyama Seiki co.,Ltd.**