



Materials & Processing Range

Materials	Ferrous, Ductile cast iron	S45C (incl. HT, normalizing), SCM415, SCM435, SS400, FC, FCD, etc.		
	Stainless steel	SUS303, SUS304, SUS316, SCS13 (Lost-wax)		
	Aluminium	A6061-T6, etc.	Brass	C3604
Processing Domains	CNC lathe (Bar works)	φ6~42mm (round bar), H.8~36mm (hexagon bar)		
	CNC lathe (Turning machine works)	Up to φ200mm		
	Tapping Centre / Machining Centre	Up to X. 700 x Y. 400 x Z. 480mm		

Production Machines & Inspection Equipment (As of 1 July 2025)

Code	Manufacturer	Model	Model No.
1. CNC Lathe (NB: Bar-work) x 22 machines			
NB 1	Citizen-Cincom	Bar-work	A20-VIPL
NB 2	Citizen-Cincom	Bar-work	A20-VIPL
NB 3	Citizen-Cincom	Bar-work	A20-VIPL
NB 4	Citizen-Cincom	Bar-work	A20-VIPL
NB 5	Citizen-Cincom	Bar-work	A20-VIPL
NB 6	Citizen-Cincom	Bar-work	A20-VIPL
NB 7	Citizen-Cincom	Bar-work	A20-VIPL
NB 8	Citizen-Miyano	Bar-work	BNA-34S
NB 9	Citizen-Miyano	Bar-work	BNA-34S
NB 10	Citizen-Miyano	Bar-work	BNA-42S2
NB 11	Citizen-Miyano	Bar-work	BNA-42S2
NB 12	Citizen-Miyano	Bar-work	BNA-42S2
NB 13	Citizen-Miyano	Bar-work	BNA-42S2
NB 14	Citizen-Miyano	Bar-work	BNC-42C7
NB 15	Citizen-Miyano	Bar-work	BNC-42C7
NB 16	Citizen-Miyano	Bar-work	BNA42-SY
NB 17	Citizen-Miyano	Bar-work	BNJ-34SY
NB 18	Citizen-Miyano	Bar-work	BNJ-42S
NB 19	Miyano	Bar-work	BND-34S/8
NB 20	Miyano	Bar-work	BND-34C3/8
NB 21	Miyano	Bar-work	BNC-34C5
NB 22	Miyano	Bar-work	BNC-34C5

Code	Manufacturer	Model	Model No.
2. CNC Lathe chuck-work (NC) x 29 machines			
NC 1	Okuma	Chuck-work	LB2500EX II
NC 2	Okuma	Chuck-work	LB2500EX II
NC 3	Okuma	Chuck-work	LB2500EX II
NC 4	Okuma	Chuck-work	LB2500EX II
NC 5	Okuma	Chuck-work	LB2500EX II
NC 6	Okuma	Chuck-work	LB2500EX II
NC 7	Okuma	Chuck-work	GENOS L2000
NC 8	Okuma	Chuck-work	GENOS L2000
NC 9	Okuma	Chuck-work	GENOS L250 II
NC 10	Okuma	Chuck-work	GENOS L250 II
NC 11	Okuma	Chuck-work	GENOS L250 II
NC 12	Okuma	Chuck-work	GENOS L250 II
NC 13	Okuma	Chuck-work	GENOS L400 II
NC 14	DMG Mori	Chuck-work	CL-2000B
NC 15	DMG Mori	Chuck-work	CL-2000B
NC 16	DMG Mori	Chuck-work	CL-2000B
NC 17	DMG Mori	Chuck-work	CL-1500
NC 18	DMG Mori	Chuck-work	CL-1500
NC 19	DMG Mori	Chuck-work	CL-153
NC 20	DMG Mori	Chuck-work	SL-15
NC 21	DMG Mori	Chuck-work	SL-15
NC 22	Takamaz	Chuck-work	X-10
NC 23	Takamaz	Chuck-work	XL-100
NC 24	Takamaz	Chuck-work	GSL-15 PLUS
NC 25	Takamaz	Chuck-work (2-axis loader spec.)	XWT-8
NC 26	Kitamura	Chuck-work	KNC-20F
NC 27	Hasegawa	Chuck-work	J24
NC 28	Miyano	Chuck-work	LE-01
NC 29	Nakamura-Tome	Chuck-work	TMC20

Code	Manufacturer	Model	Model No.
3. Machining Centre / CNCTapping Centre (ND) x 12 machines			
ND 1	Brother - Speedio	Machining Centre	R450 X1N
ND 2	Brother - Speedio	Machining Centre	R450 X1N
ND 3	Brother - Speedio	Machining Centre	R450 X1N
ND 4	Brother - Speedio	Machining Centre	S500X2
ND 5	Brother - Speedio	Machining Centre	S500X2
ND 6	Brother	Drilling machine	TC-225
ND 7	Brother	Drilling machine	TC-S2A
ND 8	Brother	Drilling machine	TC-S2D
ND 9	Brother	Drilling machine	TC-S2D
ND 10	Brother	Drilling machine	TC-S2D
ND 11	Brother	Drilling machine	TC-S2D-O
ND 12	Brother	Drilling machine	TC-S2DN

Code	Manufacturer	Model	Model No.
4. Grinding Machine (G) x 10 machines			
G 1	PALMARY	Centreless grinding machine	PC-18S
G 2	Nippon Seiki		LSG-20
G 3	Nippon Seiki		LSG-20
G 4	Tsugami	Cylindrical grinding machine	G18-II AB
G 5	Okamoto		MAX225UN-OD
G 6	Ichikawa	Surface grinding machine	2HT-700
G 7	Nisshin		NVG600-A
G 8	Sanshin		SPG-750 CNC
G 9	NKS	Buffing machine	NCB-50II
G 10	LEKAR	Barrel polishing machine	LKH-LB200

Code	Manufacturer	Model	Model No.
5. Polygonal Chamfering Machine (ZP) x 3 machines			
ZP 1	Nitto Polygon	Polygon	TC-125
ZP 2	Nitto Polygon	Polygon	PC-125
ZP 3	Nitto Polygon	Polygon	PC-100

Code	Manufacturer	Model	Model No.
6. Engine Lathe (EL)			
EL 1	Machine Tool East Japan	Engine lathe (~ φ55mm)	KF-700

Code	Manufacturer	Model	Model No.
7. Milling Machine (MM)			
MM1	Makino	Milling machine	KPJ

Code	Manufacturer	Model	Model No.
8. Bench Lathe (LB)			
LB 1	Kitamura	Bench lathe	KL-20B
LB 2	Kitamura		KL-20M
LB 3	Kitamura	CNC Bench lathe	KNC-20F

Code	Manufacturer	Model	Model No.
9. Press Machine (P)			
P 1	KSY	Press machine	KSY-075H
P 2	KSY		KSY-200H

Code	Manufacturer	Model	Model No.
10. Bench Drilling Machine (DB)			
DB 1~11	Kira	Bench drilling machine	NSD-340, etc.

Code	Manufacturer	Model	Model No.
11. Washing Machine (WM)			
WM1	Daiko	Jet washer	YUSO-1
WM2	Skymen Cleaning	Ultrasonic washer	JP-100S

Code	Manufacturer	Model	Model No.
12. Material Cutting Machine (CM)			
CM 1	COSEN	Cutting M.: up to φ250mm	R250-NC
CM 2	VN Seiki	Cutting M.: up to φ320mm	4232
CM 3	BOSCH	Cutting machine (small type)	PCO-2000
CM 4	Unknown		KCM-250

Code	Manufacturer	Model	Model No.
13. Tool Grinder (DG)			
DG 1	NR Giken	Drill grinder	PDM-20
DG 2	Ito	Carbide tool grinder	MFG (DP-2)
DG 3	Iida		YG-32
DG 4	Yodogawa	Grinder	FG205 T
DG 5	Yodogawa		FG205S
DG 6, 7	Tanaka Import	Drill grinding machine	YN-09A
DG 8~10	Tanaka Import	Endmill grinder	YN-03A, B

Code	Manufacturer	Model	Model No.
14. Optical Measuring Machine / Instrument (ZI)			
ZI 1	Tokyo Seimitsu	Surface roughness measuring instrument	SURFCOM 130A
ZI 2	Mitutoyo		SJ-411
ZI 3	Tokyo Seimitsu	Roundness & cylindrical profile measuring machine	RA-114
ZI 4	Mitutoyo		RA-1600M
ZI 5	Tokyo Seimitsu	Contour shape measuring machine	1710DX3
ZI 6	Tokyo Seimitsu	3-D coordinate measuring machine	XYZAX SVA NEX9/6/6-C6
ZI 7	Keyence	Image dimension measurement system	IM-8020, IM-8000
ZI 8	Mitutoyo	Measuring microscope	MF-A2017D
ZI 9~12	Mitutoyo	Profile projector x 4 units	PJ-A3000, PJ-P2010A
ZI 13	Future-Tech	Hardness tester (Rockwell)	FR