

List of Typical Equipment

Model	Maker	Specification	Qty
-------	-------	---------------	-----

Vertical

4Xif	Kitamura	X=1016 Y=510 Z=510	1
VM5 III	OKK	X=1020 Y=510 Z=510	2
MA-650VB	OKUMA	X=1530 Y=660 Z=610	1
VM76R	OKK	X=1540 Y=760 Z=660	1
YBM1224V	YASDA	X=2600 Y=1405 Z=600	1

Horizontal

HCN6000	MAZAK	X=800 Y=800 Z=800 B=Unlimited 2APC	1
HORIZONTAL CENTER NEXUS6000 II	MAZAK	X=800 Y=800 Z=800 B=Unlimited 6APC	1
HCN-6800	MAZAK	X=1050 Y=900 Z=980 B=Unlimited 6APC	2
MILLAC 550H	OKUMA	X=800 Y=800 Z=700 2APC	1
A99E	MAKINO	X=1250 Y=1100 Z=1250 B=Unlimited 2APC	1
BTD110.R16	TOSHIBA	X=2000 Y=1500 Z=1450 W=500 B=±360°	1
BTD200QF	TOSHIBA	X=1500 Y=1200 Z=700 W=400 B=±360°	1

Column type

MCV-A2	OKUMA	X=3000 Y=2000 Z=1450 W1300	1
MDB-A	OKUMA	X=3000 Y=1600 Z=400 W=1000	1
MCR-A5C	OKUMA	X=4200 Y=2500 Z=650 W1250(maxwide 2050)	1
MCM30	OKUMA	X=5000 Y=3300 Z=600	1
MCV-B	OKUMA	X=4000 Y=3000 Z=600 W1200 2APC	1
VERSATECH V-100N200	MAZAK	X=5000 Y=3600 Z=710 W=1250 B=±100° C=±180°	1
VERSATECH V-140N280	MAZAK	X=7000 Y=4600 Z=710 W=1250 B=±100° C=±180°	1

5 Axis Machining Center

VARIAXIS 730-5X II	MAZAK	X=730 Y=850 Z=560 A=-120°~ +30° C=±360° 2APC	1
VARIAXIS 730-5X	MAZAK	X=730 Y=850 Z=560 A=-120°~ +30° C=±360° 2APC	1
a61nx-5XR	MAKINO	X=730 Y=730 Z=800 B=-60°~+150° C=Unlimited 2APC	4
INTEGREX i-630V/6	MAZAK	X=1425 Y=1050 Z=1050 B=-30°~+120° C=360° 2APC	1

Grinding Machine

PSG-63AN	OKAMOTO	500*200*96	2
PSG106CA-iQ	OKAMOTO	X=1200 Y=652 Z=500	2

Conventional Milling Machine

YZ500WR III	YAMASAKI GIKEN	1050*500*900	1
YZ500WR III	YAMASAKI GIKEN	1050*500*900	2
YZ8WR	YAMASAKI GIKEN	850*450*720	2
YZB85 CR	YAMASAKI GIKEN	900*600*750	1
V F	ENSHU	700*270*370	1

Lathe / Vertical Turning Center

TAC-510	TAKIZAWA	510*1500	1
TEU-200	SHIBAURA MACHINE	X=1350 Z=1720 Φ2000	1

Radial Drilling Machine

YD5 94-CTN	YOSHIDA	900*740*600	1
HORD2500	OGAWA	Radius 2200 Z=1400	1

Wire EDM

AQ750L台	Sodick	X=750 Y=500 Z=400	1
---------	--------	-------------------	---

Coordinate Measuring Machine (CMM) / Laser Tracker

ACCURA 12/24/10	TOKYO SEIMITSU	1200*2400*1000	1
BH-V507	MITSUTOYO	500*700*300	1
CRT-AS122010	MITSUTOYO	1200*2000*1000	1
Tracker3	API	10m以下 ±0.015以下	1
Radian	API	±5ppm (2sigma)	1

CAD/CAM

AutoCAD	Autodesk		1
CATIA V5	DS	EM2	4
Solid Works	DS	OP	2
Top Solid	KODAMA	DesignPro7 Cam7 M5+T	1
MASTERCAM	JBM	MULTI AXIS	3
VERICUT	CGTECH	Verification, Multi Axis	1