

**CNC Lathes**

Make & Model	Turning Dia. Max.	Stroke Length, X, Z		Max Spindle Speed	Number of Tools Max
MORI SEIKI-CL-150	Ø400	240	304	3000	12
MORI SEIKI-CL-150	Ø400	240	304	3000	12
Miyano-BNC 34C	Ø200	100	185	6000	6
MORI SEIKI-SL-OH	Ø200	240	175	3000	8
MORI SEIKI-SL-OH	Ø200	240	175	3000	8
Nanjing TX-36L	Ø250	200	400	2500	8
Nanjing TX-36L	Ø250	200	400	2500	8
MORI SEIKI-CL-25	Ø450	245	450	3000	10
MORI SEIKI-CL-25	Ø450	245	450	3000	10
MORI SEIKI-CL-25	Ø450	245	450	3000	10
MORI SEIKI-CL-25	Ø450	245	450	3000	10
MORI SEIKI-CL-25	Ø450	245	450	3000	10
Takisawa TW30L10	Ø350	300	950	3000	10
MORI SEIKI-SL7	Ø580	650	1100	900	12
CINCINNATI-AVenger 200-T	Ø300	150	500	2500	12
CINCINNATI-AVenger 200-T	Ø300	150	500	2500	12
CINCINNATI-AVenger 200-T	Ø300	150	500	2500	12
CINCINNATI-AVenger 200-T	Ø300	150	500	2500	12
CINCINNATI-AVenger 200-T	Ø300	150	500	2500	12
CINCINNATI-AVenger 200-T	Ø300	150	500	2500	12
CINCINNATI-AVenger 200-T	Ø300	150	500	2500	12

**Vertical Machining Centres**

Make & Model	Pallet Size	Travel, Maximum X, Y, Z			Spindle Type	Max Spindle Speed
OKK-MCV-520 VMC-1	1300 * 550	1020	550	560	BT50	3500rpm
MORI SEIKI-M300L	800 * 500	600	500	470	Cat 40	6000rpm
MORI SEIKI-M300L	800 * 500	600	500	470	Cat 40	6000rpm

**Horizontal Machining Centres**

Make & Model	Pallet Size	Travel, Maximum X, Y, Z			Spindle Type	Max Spindle Speed
Enshu-JE80	500 * 500	800	800	800	HSK 63	7000 rpm
Doosan-HM635	630 * 630	1000	800	850	BT 50	6000 rpm
Enshu-JE80	500 * 500	800	800	800	HSK 63	7000 rpm
MITSUI SEIKI-HS5A-80	800 * 800	1200	900	900	Cat 50	6000 rpm
MITSUI SEIKI-HS5A-80	800 * 800	1200	900	900	Cat 50	6000 rpm
Makino-MAKINO A81	630 * 630	900	800	1070	HSK 100	10000 rpm
Makino-MAKINO A81	630 * 630	900	800	1070	HSK 100	10000 rpm
Makino-MAKINO A81	630 * 630	900	800	1070	HSK 100	10000 rpm
Makino-MAKINO A81	630 * 630	900	800	1070	HSK 100	10000 rpm
Okuma 6 Pallet cell-MX50HB	500 * 500	700	800	700	Cat 50	5000 rpm

**Quality Control / Quality Assurance**

Inspection Equipment	Make	Model	Specification
Coordinate Measuring Machine (CMM)	LEADER	Miracle NC10128	Max size of parts:
Projector-300V	TESA	300V	Measuring Range 200x100
Height Testing Machine	TESA	Hite 350	Measuring Range - 350 mm
Spark Spectrometer	NCS	Labspark 750	Analyze Fe, Al, Cu, Ni, Co, Mg, Ti, Zn, Pb, Sn, Ag in various of materials
Hydraulic Universal Material Testing Machine	JNFY	WEW-300B	Max. Force 300kN
Magnetic Particle Inspection Machine	SYHX	HCJW-4000	Max. size of parts: O.D. < 400mm and L < 1000mm
Metallurgical Microscope	CHINA	4XC	Metallographic Structure 0x plan achromatic. Total magnification : 1000X
Surface Roughness Testing Machine	Mitutoyo	SJ-210	Range (-200µm to +160µm)
Rockwell Hardness Testing Machine	LZHY	HR-150A	HRC/HRB/HRA
Brinell Hardness Testing Machine	LZHY	HB300B	HB Hardness
Leeb Hardness Tester-(Portable)	LZHY	HLN-11A	HRC/HRB/HRA/HB/HV/HS