

Wuxi Machining Equipment

Machine type :	Manufacturer	Model	Number of unit	Range x-axis	Range y-axis	Range z-axis	Clamping surface	Flatness	Positioning accuracy in mm	Pallet changing
5-axis vertical CNC milling	Makino	S33-5XA	3	650 mm	500 mm	450 mm	500 X 400 mm	0.005 ~ 0.01	0.003	no
3-axis vertical CNC milling	Makino	S36	3	900 mm	500 mm	450 mm	1000X500 mm	0.005 ~ 0.01	0.003	no
3-axis vertical CNC milling	Makino	S33-PC	2	650 mm	450 mm	450 mm	600X400 mm	0.005 ~ 0.01	0.003	yes
4 axis vertical CNC milling	Fanuc Robodrive	Alpha-T21Ee	5	500 mm	400 mm	330 mm	650X400 mm	0.005 ~ 0.01	0.006	no
4-axis horizontal CNC milling	Makino	aS1	1	560 mm	560 mm	600 mm	630X900 mm	0.005 ~ 0.01	0.003	yes
4-axis horizontal CNC milling	Toyoda	FH630SX	1	1000 mm	800 mm	850 mm	1000X1000 mm	0.005 ~ 0.01	0.003	yes
Conventional Milling	Neutron	NM-4S	2	700 mm	300 mm	300 mm	1200 X 250 mm	-	0.01	no
Conventional Grinding	Neutron	MP6-200H	1	400 mm	200 mm	450 mm	250 X 150 mm	0.002 ~ 0.005	0.001	no
Conventional Grinding	Neutron	NPG-84AHD	1	1150 mm	440 mm	500 mm	1000 X 400 mm	0.002 ~ 0.005	0.001	no
3-axis vertical CNC milling	Neutron	NV-1890	1	1800 mm	900 mm	700 mm	2000 x 920 mm	0.005 ~ 0.01	0.005	no
4-axis horizontal CNC milling	KIA	KH63G	1	950 mm	825 mm	760 mm	630 x 630 mm	0.005 ~ 0.01	0.005	yes
3-axis vertical CNC milling	Neutron	NV-500	4	500 mm	380 mm	400 mm	650 x 380 mm	0.005 ~ 0.01	0.006	no
3-axis vertical CNC milling	Neutron	NVL-800	4	800 mm	500 mm	520 mm	500 x 1000 mm	0.005 ~ 0.01	0.006	no
3-axis vertical CNC milling	Neutron	NVL-1100	1	1100 mm	600 mm	600 mm	610 x 1200 mm	0.005 ~ 0.01	0.006	no
3-axis vertical CNC milling	NCT	PRO-800AP	5	800 mm	510 mm	630 mm	900 x 470 mm	0.005 ~ 0.01	0.006	no
3-axis vertical CNC milling	NCT	HCMC-18AG	1	1800 mm	920 mm	700 mm	920 x 2000 mm	0.005 ~ 0.01	0.005	no
3-axis vertical CNC milling	NCT	HCMC-15AG	1	1500 mm	820 mm	700 mm	1650 x 820 mm	0.005 ~ 0.01	0.005	no

Machine type :	Manufacturer	Model	Number of unit	Max clamp diameter	Max diameter	Distance between centers	Accuracy	Range x-axis	Range z-axis	Remarks
CNC Turning	Aero Turn	BT-300	1	260 mm	280 mm	500 mm	0.01	230 mm	600 mm	-
CNC Turning	Neutron	NCL 200	1	200 mm	300 mm	200 mm	0.006	175 mm	330 mm	-
Convention Turning	Ma Ann	C6232A	1	350 mm	350 mm	500 mm	3.7 KW	2000 r.p.m	0.02	1000 mm

Wuxi Sheetmetal Equipment

Machine type :	Manufacturer :	Model :	Number of unit :	Clamping surface :	Height :	Max. thickness:	Accuracy:	Repeatability:
Laser Cutter	Bystronic	bystar 3015 w 4.4kW CO2 Laser	1	3000 mm x 1500 mm	170 mm	20mm (SS & AL : 10mm)	+/- 0.1 mm/m	+/- 0.05 mm

Machine type :	Manufacturer :	Model :	Number of unit :	Clamping surface :	Height :	Max. pressure:
Folding Machine	Amada	FDB III 1025 NT	1	2500 mm	150 mm	100 ton
Folding Machine	Amada	FDB III 1253 NT	1	3000 mm	150 mm	125 ton

Equipment for other Processes	Manufacturer :	Model :	Number of unit	Range
TIG welding	-	-	12	
MIG welding	-	-	2	
Spot Welding machine	-	-	1	
PEM Inserter	-	-	1	
Grid Blaster	-	-	1	
Hairline Machine	-	HD-415	1	1000 mm (width) x 150 mm (thk)

QA Measurement Measurement for Sheetmetal parts	Manufacturer:	Model:	Number of unit	Range x-axis	Range y-axis	Range z-axis	Accuracy :	Remarks :
3D-measuring machine	Brown & Sharp	Global Status 12.15.10	1	1200 mm	1500 mm	1000 mm	(3.9 + L/250) micron	CNC
3D-measuring machine	Brown & Sharp	Global Performance 07.10.07	1	1000 mm	700 mm	700 mm	(1.7 + 3L/1000) micron	CNC
3D-measuring machine	TESA	Tesa Micro-hite	1	460 mm	510 mm	420 mm	0.003	Manual
Profile measuring projector	Mitutoyo	PJ-A3000 series	1	100 mm	200 mm	-	-	Manual
Height gauge	Tesa	Micro-Hite 600	1	-	600 mm	-	(2+3L) micron. (L in mm)	Manual
Height gauge	Tesa	Micro-Hite 400	1	-	400 mm	-	(2+3L) micron. (L in mm)	Manual