




















No.	Machine	Mnf.	Technical characteristics	System	Picture	Mnf. Year
1	CNC Horizontal Machining Center	TSUGAMI	10.000 rpm,64 tools,10 palets	FANUC FS18		1997.
	TSUGAMI FMA3-II	(Japan)				
2	CNC Grinder	SCHAUDT (Germany)	Lmax 550mm	SINUMERIK 810M		1987.
	SCHAUDT T-3U		φ140mm			
3	CNC Swiss Type Automatic Lathe	STAR	Dia.42mm,12Axis,30 tools/3 turrets I 7000rpm II 5000rpm Lmax=350mm BF	FANUC 30i model A		2012.
	star ST-38	(Japan)				
4	CNC Horizontal Machining Center	OKK	14.000 rpm,40 tools,2 palet	FANUC 18M		1995.
	OKK HM40	(Japan)				
5	CNC Horizontal Machining Center	QUASER	15.000 rpm,60 tools,2 palet	FANUC 18iM		2003.
	QUASER MK603H/15	(Taiwan)				
6	CNC Vertical Machining Center DAHLIH MCV-720	DAHLIH	6.000 rpm,16 tools,720*460*510	FANUC 0M		1993.
		(Korea)				


7	CNC Horizontal Machining Center	OKK	14.000 rpm,40 tools,2 palet	FANUC 16iM		2001.
	OKK HM40	(Japan)				
8	CNC Lathe	HARDINGE (USA)	4.000 rpm,12 tools	FANUC 18T		1995.
	HARDINGE Conquiste T42		Max boring bar ϕ 42 BF			
9	CNC Lathe	IKEGAI	4.000 rpm,12 tools	FANUC 00T		1995.
	IKEGAI TUR-15	(Japan)	Max boring bar ϕ 46			
10	CNC Swiss Type Automatic Lathe	STAR	Dia.22mm,7Axis,19 tools	FANUC 18		2010.
	star SR-20J - Type C	(Japan)	I 10000rpm II 7000rpm Lmax=150mm			
11	CNC Drill & Tap Center	Brother (Japan)	40 tools, 2 x 4.axis, BT30, APC	Brother		2013.
	BROTHER TB32QT - N					
12	CNC Lathe	IKEGAI	4.000 rpm,8 tools	FANUC 0T		1995.
	IKEGAI TCR-15	(Japan)	Max boring bar ϕ 46			
13	CNC Drill & Tap Center	ENSHU	10.000 rpm,12 tools,2 palets	JASNAK 50		1998.
	ENSHU E-130	(Japan)				


14	CNC Vertical Machining Center	OKK	6.000 rpm,18 tools, 560*410*410	FANUC 10M		1985.
	OKK PCV-40	(Japan)				
15	CNC Lathe	HARDINGE (USA)	4.000 rpm,12 tools	FANUC 16i		2000.
	HARDINGE Cobra 42		Max boring bar ϕ 42			
16	CNC Lathe	DYNA M.	4.500 rpm,8 tools	MICUBISI		1982.
	DYNA Myte 3300	(Taiwan)	Max boring bar ϕ 38			
17	CNC Vertical Machining Center	QUASER	12.000 rpm,32 tools	FANUC 21i		2003.
	QUASER MV204II/15	(Taiwan)				
18	CNC Lathe	TAKISAWA (Japan)	4.000 rpm,2x15 tools	FANUC 21i		2003.
	TAKISAWA TM-250		2x c-axis,Y axis			
19	CNC Lathe	DAEWOO	4.000 rpm,10 tools	FANUC 0T		1993.
	Daewoo Ecoturn 250HC	(Korea)	Max boring bar ϕ 70			
20	CNC Lathe	MECATEC Co.	2.500 rpm,12 tools	FANUC 21iTB		2002.
	DOOSAN S-550L	(Korea)	Max boring bar ϕ 102			


21	CNC Vertical Machining Center	QUASER	12.000 rpm,32 tools	FANUC 18iM		2004.
	QUASER MV204IIL/15	(Taiwan)				
22	CNC Vertical Machining Center	OKK	6.000 rpm,30 tools, 560*410*410	FANUC 10M		1985.
	OKK PCV-40	(Japan)				
23	CNC Lathe	TAKISAWA (Japan)	4.000 rpm,10 tools	FANUC 3T		1985.
	TAKISAWA TP-3					
24	CNC Swiss Type Automatic Lathe	TORNOS (Swiss)	Max boring bar ϕ 10, + BF 20tools, Lmax 17mm, 5 axis	FANUC 32i MODEL A		1980.
	TORNOS Deco Sigma 8					
25	CNC Horizontal Machining Center	QUASER	15.000 rpm,64 tools,2 palets	FANUC 18iM		2005.
	QUASER MK603HP/10	(Taiwan)				
26	CNC Lathe	OKUMA	4.000 rpm,12 tools	OSP 5000L-G		1985.
	OKUMA LB-15	(Japan)	Max boring bar ϕ 35			
27	CNC Lathe	TAKISAWA (Japan)	X 300,Z 600mm	FANUC 15 T		1991.
	TAKISAWA TC-3		10 tools, 4000rpm			


28	CNC 5-Axis Vertical Machining Center	HERMLE	18.000 rpm,32 tools,5 axis	Heidenhain		1999.
	HERMLE C800U	(Germany)				
29	CNC Vertical Machining Center	TAKISAWA (Japan)	WT 600x350mm XYZ 430/350/465mm, 10 tools,6000rpm	FANUC 0M		1989.
	takisawa MACV1-E					
30	CNC Horizontal Machining Center	ENSHU	15.000 rpm,12 tools,2 palets	FANUC 18iM		2006.
	ENSHU JE80S	(Japan)				
31	CNC Laser Engraving Machine	BAUBLYS	112*112,F-160mm	WIN XP		2001.
	Baublys BL150S	(Germany)				
32	CNC Drill & Tap Center	Brother (Japan)		Brother		1998.
	BROTHER TC-22A					
33	CNC Lathe	YCM	3.000 rpm,12 tools	FANUC TXP-200E		2007.
	YCM GT300MA	(Taiwan)				
34	CNC Swiss Type Automatic Lathe	TORNOS (Swiss)	Max boring bar ϕ 17, + BF 20 tools, Lmax 90mm, 10 axis, 2 Spindle	FANUC PNC DECO – FANUC 18i		2002.
	TORNOS Deco 13a					


35	CNC Vertical Machining Center + APC	FEELER (Taiwan)	8.000 rpm,24 tools,2 palet,800*510*505mm	FANUC 0i		2007.
	FEELER QM-32SA APC					
36	CNC Lathe	IKEGAI	4.000 rpm,8 tools	FANUC 0T		1995.
	Ikegai TCR 15	(Japan)	Max boring bar ϕ 46			
37	CNC Lathe	COLCHESTER	5000rpm, 12 tools,	FANUC 0T		1995.
	TORNADO 200	(England)	Max boring bar ϕ 40			
38	CNC Lathe	HYUNDAI KIA	4000rpm, 12 tools,	FANUC 21i-TB		2006
	Kia SKT 21L	(South Korea)	Max boring bar ϕ 51			
39	CNC Drill & Tap Center	Brother (Japan)		Brother		1999.
	BROTHER TC-22A					
40	CNC Swiss Type Automatic Lathe	STAR	Dia.32mm,7Axis,I 7000rpm II 5000rpm Lmax=250mm	Fanuc18i-TB		2011.
	star SR-32J	(Japan)				
41	CNC Vertical Machining Center + 4-Axis	QUASER	15.000 rpm,32 tools, 4. Axis	Fanuc18i-MB		2006.
	QUASER MV154LX	(Taiwan)				


42	CNC Vertical Machining Center + APC	QUASER	12.000 rpm,48 tools APC	Fanuc18i-MB		2007.
	QUASER MK603SP/12	(Taiwan)				
43	CNC Vertical Machining Center + 4-Axis	QUASER	12.000 rpm,24 tools, 4. Axis	Fanuc18i-MB		2006.
	QUASER MV154P/12	(Taiwan)				
44	CNC Vertical Machining Center + APC	QUASER	10.000 rpm,32 tools, APC	Fanuc 0i-MC		2006.
	QUASER MK603SE/12	(Taiwan)				
45	CNC Lathe	HYUNDAI KIA	4000rpm, 12 tools,	FANUC 0i-TC		2005.
	Kia SKT 21	(South Korea)	Max boring bar ϕ 51			
46	CNC shearing machine	DURMAZLAR	Cutting length 3100 mm Max. cutting thickness 10 mm	DALEM DAC 350		2011.
	DURMAZLAR VS 3010	(Turkey)				
47	CNC Vertical Machining Center + 4-Axis	HARDINGE (USA)	Spindle Taper - CAT #40 Spindle Speed - 8,000 rpm	FANUC 0-M		2000.
	HARDINGE VMC 600 II		ATC - Carousel Storage - 20			
48	CNC Punching Machine	RASKIN	Capacity 20 T	SIEMENS SINUMERIK		1994.
	RASKIN RT 210-12	(Swiss)	Material thickness 3mm. Sheet size 1016mm x 1270mm. Hit rate 600 strokes per minute. Work table area 2650mm x 2200mm			

49	CNC press brake	LVD	80 ton by 1.5 meter	CADMAN® Touch PC		2011.
	LVD PPEB 80/15	(Belgium)				

50	CNC Wire Cut Electrical Discharge M.	Fanuc	travels :x = 320mm,y = 220mm,z = 255 mm	Fanuc18i-W		1999.
	FANUC ROBOCUT ALPHA 0iA	(Japan)	tank size:770 x 560 x 410mm			

51	CNC Wire Cut Electrical Discharge M.	Fanuc	X-Y-axes travel:600 x 400 mm	Fanuc31i-W		2014.
	FANUC ROBOCUT ALPHA C600iA	(Japan)	U-V-axes travel ± 100 mm. Z-axes travel:310 mm. Max. work piece size:1050 x 775 x 300 mm Max. work piece weight:1000 kg			

52	CMM	MITUTOYO	Travel: X-505mm Y-705mm Z-405mm			2001.
	MITUTOYO EURO-C-A574	(Japan)				

53	CMM	MITUTOYO	Travel: X-900mm Y-1600mm Z-600mm			2011.
	MITUTOYO STRATO-APEX 9166	(Japan)				