

Summary

TYPE	MILLING	TURNING	EDM & WCUT	MANUAL	INSPECTION	TOTAL
QUANTITY	116	8	6	12	7	149

DNM 6700

8K 12K

A. Automatic

	MACHINE TYPE		BRAND	MODEL	WORKING RANGE (mm)	SPEED (rpm)	QTY.
1	Milling		Doosan	DNM 6700	1,300 x 670 x 625	8.000	1
2	Milling		Doosan	DNM 6500II	1,270 x 650 x 650	8.000	10
3	Milling		Makino	PS105	1250 x 700 x 500	20.000	1
4	Milling		Doosan	DNM 5700	1,050 x 570 x 510	12.000	7
5	Milling		Doosan	DNM 5700	1,050 x 570 x 510	8.000	4
6	Milling		Doosan	DEM 4000	800 x 450 x 510	8.000	1
7	Milling		Haitian	VMC 1000II	1,000 x 600 x 600	12.000	3
8	Milling		Doosan	DNM 4500	800 x 450 x 510	12.000	8
9	Milling		Doosan	DNM 4500	800 x 450 x 510	8.000	10
10	Milling		Robodril	Alpha-D21liB	700 x 400 x 330	24.000	1
11	Milling		Makino	PS65	660 x 510 x 460	14.000	1
12	Milling		Makino	F3	650 x 650 x 500	20.000	1
13	Milling		Mazak	430 AS	560 x 430 x 510	12.000	2
14	Milling		Doosan	DNM T4000	520 x 400 x 350	24.000	1
15	Milling		Taikan	T-500S	500 x 400 x 320	24.000	40
16	Milling		Taikan	T-500	500 x 400 x 320	20.000	20
17	Milling		Makino	F3 Pro6			1
18	Milling (Horizontal)		Makino	LYNX 220 L/LB/LC	D320 * 542	4K-6K	4
22	Turning		Doosan	LYNX 2100LA	D350 * 550	6.000	5
23	Turning		Doosan	LYNX 220L	D320 * 542	6.000	1
24	Turning		Doosan	LYNX 220Y	D300 * 300	6.000	1
25	Turning		Takamaz	GSL-10H	D30 * 100	4.500	1
26	Die-Sinking		Makino	EDAF	550 x 350 x 350	-	1
27	Die-Sinking		Makino	EDAF3	450 x 350 x 350	-	1
28	Die-Sinking		Mitsubishi	EA8S	300 x 250 x 250	-	1
29	Wire-Cutting		Makino	U6 H.E.A.T	910 x 720 x 300	-	1
30	Wire-Cutting		Sodick	VL600Q	600 x 400 x 270	-	1
31	Wire-Cutting		Mitsubishi	MV1200S	400 x 300 x 220	-	1
32	Surface Grinding		Okamoto	ACC-63DX	605 x 300 x 250	3.000	1

	MACHINE TYPE		BRAND	MODEL	WORKING RANGE (mm)	QTY.
1	Surface Grinding		Nicco	NSG 6H	600 x 1,200	1
2	Surface Grinding		Kuroda		200 x 600	1
3	Sawing		Amada	CRH 300S	-	1
4	Milling		Enshu	LS2	-	1
5	Milling		Enshu	NK25	-	1
6	Milling		Makino	BVJ-85	-	1
7	Drilling		Yaskawa	MM 350	-	1
8	Drilling		Ikeda	KHD-550	-	1
9	EDM Hole Popper		AMASUN	MS-DZ430I	440 x 320 x 200	1
10	Laser Marking		DATYSO		-	1
11	Laser Welding		Han's Laser	W100B	100 x 100 x 500	1
12	Ultrasonic Cleaner		Rama	GM264L	800 x 600 x 550, 40Hz	1

### C. Inspection

	EQUIPMENT	BRAND	MODEL	WORKING SPECS	QTY.
1	Coordinator Measuring Machine	Mitutoyo	Crysta-ApexS	700 x 700 x 600	1
2	Coordinator Measuring Machine	Hexagon	Croma 686	600 x 800 x 600	1
3	Coordinator Measuring Machine	Mitutoyo	M544	500 x 400 x 400	1
4	Optical Measuring Machine	Hexagon		400 x 300	1
5	Optical Measuring Machine	Hexagon	OLM 3020	300 x 200 x 200	1
6	Hardness Tester	BAQ		19.3 ÷ 28.2 HRC	1
7	Surface Roughness Tester	Mitutoyo	Surftest	0 ÷ 360 µm	1

Summary

SIZE	80-100	120-130	160-180	220-250	280-320	350-380	470-530	600-700	TOTAL
QTY'	8	17	31	7	6	2	4	4	79

A. Injection Molding Presses

	TONNA GE	BRAND	MACHINE MODEL	TIE BAR DISTANCE (HxV)	INJ. CA PA CIT	QTY.
				mm	gPS	
1	80	JSW	J80ADS-60U-25mm	410 x 410	45	3
2	100	JSW	J100ADS-110U-35mm	460 x 460	105	5
3	120	Hyundai	HDC-120H-35mm	410 x 410	171	2
4	130	JSW	J130ADS-110U-32mm	530 x 510	88	1
5	130	JSW	J130ADS-110U-35mm	530 x 510	105	14
6	160	Haitian	MA1600II/540e-45mm	470 x 470	291	3
7	180	JSW	J180ADS-180U-35mm	590 x 560	123	2
8	180	JSW	J180ADS-180U-40mm	590 x 560	160	4
9	180	Sumitomo	SE180EV-C250-32mm	460 x 460	108	1
10	180	Sumitomo	SE180EV-C360-32mm	560 x 560	124	3
11	180	Sumitomo	SE180EV-C360-40mm	560 x 560	193	2
12	180	Sumitomo	SE180EV-C450-36mm	560 x 560	156	16

13	220	JSW	J220ADS-460H-46mm	650 x 590	318	1
14	220	JSW	J220ADS-460H-53mm	650 x 590	421	1
15	250	Haitian	MA2500III/2250e-36mm	580 x 580	139	3
16	250	Haitian	MA2500II/1000e-55mm	580 x 580	519	1
17	250	Haitian	MA2500IIS/700e-45mm	580 x 580	304	1
18	280	Woojin	TE280A5/MIE370-32mm	670 x 670	132	5
19	320	Haitian	MA3200IIS/1700e-65mm	680 x 680	845	1
20	350	JSW	J350ADS-890H-66mm	810 x 730	810	1
21	380	Haitian	MA3800III/2250e-65mm	730 x 730	972	1
22	470	Haitian	MA4700III/3200e-70mm	820 x 800	1.296	3
23	530	Haitian	MA5300III/4500e-80mm	840 x 830	2.013	1
24	600	Haitian	MA6000IIS/4500e-80mm	880 x 880	2.013	2
25	700	Haitian	MA7000III/5000e-80mm	960 x 940	2.058	2

#### B. Secondary Operation Equipment

	EQUIPMENT	BRAND	MODEL	WORKING SPECS	QTY.
1	Pad Printer	Winon	WN-126FE		2
2	Silk Printing Table				10
3	Ultrasonic Welder	Vietsonic		20 KHz	1
4	Annealing Cabinet				1

#### C. Inspection

	EQUIPMENT	BRAND	MODEL	WORKING SPECS	QTY.
1	Coordinator Measuring Machine	Hexagon	Croma 686	600 x 800 x 600	1
2	Coordinator Measuring Machine	Mitutoyo	M544	400 x 500 x 500	1
3	Optical Measuring Machine	Hexagon	OLM 3020	300 x 200 x 200	1
4	Hardness Tester	BAQ		19.3 ÷ 28.2 HRC	1
5	Surface Roughness Tester	Mitutoyo	Surftest	0 ÷ 360 µm	1