

PRESS (t)	80	100	120	130	160	180	220	250	350	450	470	530	TOTAL
QUANTITY	1	1	3	2	5	2	2	1	1	-	-	-	18

A. Injection Molding Machines

#	TONNAGE	MAKER	MACHINE MODEL	PICKOUT ROBOT	YEAR	TIE BAR DIST. (HxV)	MOLD HEIGHT	MAX OPN.	INJ. CAPACITY	QUANTITY
						mm	mm	mm	gPS	
1	80	JSW	J80ADS-60U-25mm	Harmo ARXII-80G	2017	410x410	150~510	320	45	1
2	100	JSW	J100ADS-110U-35mm	Harmo ARXII-80G	2017	460x460	150~550	360	105	1
3	120	Hyundai	HDC-120H-35mm	Star Seiki VK800s-14	2017	410x410	145~450	340	171	3
4	130	JSW	J130ADS-110U-32mm	Harmo ARXII-150G	2017	530x510	150~550	400	88	1
5	130	JSW	J130ADS-110U-35mm	Harmo ARXII-150G	2017	530x510	150~550	400	105	1
6	160	Haitian	MA1600II/540e-45mm	Star Seiki VK800s-14	2016	470x470	180~520	430	291	3
7	160	Hyundai	HDC-160H-40mm	Star Seiki VK800s-14	2017	460x460	160~500	410	254	2
8	180	JSW	J180ADS-180U-35mm	Harmo ARXII-150G	2017	590x560	200~600	470	123	1
9	180	JSW	J180ADS-180U-40mm	Harmo ARXII-150G	2017	590x560	200~600	470	160	1
10	220	JSW	J220ADS-460H-46 mm	Harmo ARXII-250G	2017	650x590	230~680	550	318	1
11	220	JSW	J220ADS-460H-53mm	Harmo ARXII-250G	2017	650x590	230~680	550	421	1
12	250	Haitian	MA2500II/1000e-55mm	Star Seiki VK800s-14	2016	580x580	220~580	540	519	1
13	350	JSW	J350ADS-890H-66mm	Harmo ARXII-300G	2017	810x730	300~770	700	810	1
14	450	JSW	J450AD-890H-66mm	Harmo ARXII-500GW	2008	810x810	350~800	800	810	BD

Supporting equipment from Kawata, Yudo, Shini and Wensui.

B. Secondary Operation Equipment

#	CATEGORY	MAKER	MODEL	WORKING SPECS	YEAR	QTY.
1	Coordinator Measuring	Mitutoyo	M544	400 x 400 x 300 mm	2017	1
2	Optical Measuring	Hexagon	OLM 3020	300 x 200 x 200 mm	2018	1
3	Pad Printer	Winon	WN-126FE		2017	2
4	Silk Printing Table				2016	15
5	Ultrasonic Welder	Vietsonic		20KHz	2016	1
6	Vector Network Analyzer	Keysight Technologies	5063A	2.4GHz	2016	1

./.

Summary

TYPE	CNC MILLING	CNC TURNING	EDM	WIRE EDM	MANUAL	OTHERS	TOTAL
QUANTITY	12	2	2	3	9	4	32

A. Automatic Machines

#	OPERATION	MAKER	MODEL	COUNTRY	YEAR	TRAVEL (mm)	SPINDLE SPEED (rpm)	QTY.
1	Milling	Doosan	DNM 6700	Korea	2016	1,300 x 670 x 625	8,000	1
2	Milling	Doosan	DNM 5700	Korea	2018	1,050 x 570 x 510	12,000	3
3	Milling	Doosan	DNM 4500	Korea	2018	800 x 450 x 510	12,000	4
4	Milling	Doosan	DNM T4000	Korea	2018	520 x 400 x 350	21,000	1
5	Milling	Mazak	430 AS	Japan	2015	560 x 430 x 510	12,000	3
6	Turning	Doosan	LYNX 220L	Korea	2016	D320 * 550	6,000	1
7	Turning	Doosan	LYNX 220Y	Korea	2015	D250 * 300	6,000	1
8	EDM	Mitsubishi	EA8S	Japan	2016	300 x 250 x 250	-	1
9	EDM	Makino	EDAF3	Thailand	2016	450 x 350 x 350	-	1
10	WEDM	Mitsubishi	MV1200S	Japan	2016	400 x 300 x 220	-	1
11	WEDM	Sodick	VL600Q	Thailand	2018	600 x 400 x 270	-	1
12	WEDM	Hightech	DK7725	China	2015	250 x 320 x 300	-	1
13	Surface Grinding	Okamoto	ACC-63DX	Japan	P2018	605 x 300	-	1

B. Manual Machines

14	Surface Grinding	Nicco	NSG 6H	Japan	2000	600 x 1,200	-	1
15	Surface Grinding	Kuroda		Japan	2002	200 x 600	-	1
16	Sawing	Amada	CRH 300S	Japan			-	1
17	Milling	Enshu	LS2	Japan			-	1
18	Milling	Enshu	NK25	Japan			-	1
19	Milling	Makino	BVJ-85	Japan			-	1
20	Turning	Takisawa	TSL 550	Japan			-	1
21	Drilling	Yaskawa	MM 350	Japan			-	1
22	Drilling	Ikeda	KHD-550	Japan			-	1

C. Non-Machining Machines

23	Laser Welding	Han's Laser	W100B	China	2017	100 x 100 x 500	-	1
24	Laser Marking			China	2014	D110	-	1
25	Measuring	Mitutoyo	M544	Japan	2017	400 x 400 x 300	-	1
26	Measuring	Hexagon	OLM 3020	Thailand	2017	400 x 400 x 300	-	1