

Summary

TYPE	CNC MILLING	CNC TURNING	GRINDING	EDM	MANUAL	OTHERS	TOTAL
QUANTITY	33	16	1	2	43	2	97

A. Automatic Machines

#	OPERATION	MAKER	MODEL	COUNTRY	YEAR	TRAVEL (mm)	SPINDLE SPEED (rpm)	QTY.
1	Milling	Doosan	DNM 400II	Korea	2015	900 x 400 x 450	8,000	4
2	Milling	Doosan	DNM 500II	Korea	2015	1,100 x 560 x 700	12,000	2
3	Milling	Doosan	DNM 570II	Korea	2016	1,100 x 570 x 500	12,000	3
4	Milling	Doosan	DNM 570II (4-Axis)	Korea	2016	1,100 x 570 x 500	12,000	1
5	Milling	Doosan	DNM 650II	Korea	2010	1,270 x 650 x 650	8,000	17
6	Milling	Doosan	DNM 670II	Korea	2016	1,300 x 670 x 700	8,000	1
7	Milling	Okuma	GENOS M560V	Japan	2014	1,050 x 900 x 980	14,000	1
8	Milling	Mazak	NEXUS 6800-II	Japan	2012	1,500 x 650 x 1,200	12,000	4
9	Turning	Doosan	LYNX 220LC	Korea	2010	D320 * 525	6,000	6
10	Turning	Doosan	LYNX 220L	Korea	2015	D250 * 500	6,000	2
11	Turning	Doosan	LYNX 220L	Korea	2010	D250 * 500	6,000	2
12	Turning	Doosan	LYNX 2100L	Korea	2014	D250 * 400	6,000	1
13	Turning	Doosan	LYNX 220Y	Korea	2015	D250 * 300	6,000	2
14	Turning	Doosan	PUMA 3100XL	Korea	2016	D350 * 2,500	6,000	2
15	Turning	Citizen	CUTEX 160A	Japan	2013	D50 * 300	6,000	1
16	EDM	TEM	25A	Japan	2002	600 x 400 x 400	-	1
17	WEDM	Mitsubishi	FX10K	Japan	2004	700 x 450 x 300	-	1
18	Surface Grinding	Okamoto	ACC-63DX	Japan	2018	605 x 300	-	1

B. Manual Machines

19	Surface Grinding	Nicco		Japan	2000	400 x 800	-	8
20	Surface Grinding	Kuroda		Japan	2002	200 x 600	-	3
21	Surface Grinding	Nicco		Japan	2000	600 x 1,200	-	1
22	Milling			Japan	2000	400 x 400 x 800	-	16
23	Turning			Japan	2003	D300	-	15

C. Non-Machining Machines

24	Measuring	Mitutoyo	Crysta-Plus M443	Japan	2012	400 x 400 x 300	-	1
25	Measuring	Mitutoyo	Crysta-Plus M574	Japan	2013	500 x 700 x 400	-	1

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Summary

PRESS (t)	70RV	100	120	130	160	180	250	300	360	450	470	530	TOTAL
QUANTITY	2	-	5	-	2	-	5	1	1	1	1	1	19

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	120	Haitian	MA1200II/370e-40mm	Star Seiki VK800s-14	2016	410x410	150~450	360	195	1
2	120	Hyundai	HDC-120H-35mm	Star Seiki VK800s-14	2016	410x410	145~450	340	171	4
3	160	Hyundai	HDC-160H-40mm	Star Seiki VK800s-14	2017	460x460	160~500	410	254	2
4	250	Hyundai	HDC-260H-50mm	Star Seiki VK800s-14	2016	580x580	195~600	520	552	4
5	250	Haitian	MA2500II/1000e-55mm	Star Seiki VK800s-14	2016	580x580	220~580	540	519	1
6	300	Haitian	PL3000/1800-65mm		2014	660x660	250~660	600	903	1
7	360	Haitian	PL3600/2250j-80mm		2014	710x710	250~710	660	1,473	1
8	450	JSW	J450AD-890H-66mm	Harmo ARXII-500GW	2008	810x810	350~800	800	810	1
9	470	Haitian	MA4700II/2950e-80mm		2016	820x800	320~780	780	1,693	1
10	530	Haitian	MA5300II/4000e-85mm		2015	840x830	350~850	850	2,272	1
11	70RV	JSW	JSW		1996			200	40	2

Supporting equipment from Kawata, Shini and Wensui.

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