

Summary

TYPE	CNC MILLING	CNC TURNING	DIE-SINKING	WIRE-CUTTING	MANUAL	INSPECTION	TOTAL
QUANTITY	34	6	2	3	9	5	59

A. Automatic

	MACHINE TYPE	BRAND	MODEL	MADE IN	YEAR	TRAVELS (mm)	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	2018-2021	1,050 x 570 x 510	12,000	7
3	Milling	Doosan	DNM 5700	Korea	2021	1,050 x 570 x 510	8,000	4
4	Milling	Haitian	VMC 1000II	China	2021	1,000 x 600 x 600	12,000	3
5	Milling	Doosan	DNM 4500	Korea	2018-2021	800 x 450 x 510	12,000	5
6	Milling	Doosan	DNM 4500	Korea	2021	800 x 450 x 510	8,000	7
7	Milling (Horizontal)	Doosan	NHP 5500	Korea	2021	800 x 750 x 850	10,000	1
8	Milling (Horizontal)	Makino	A61NX	Japan	2017	730 x 650 x 800	14,000	1
9	Milling (Horizontal)	DMG Mori	NH5000DCG	Japan	2012	730 x 730 x 850	14,000	1
10	Milling	Mazak	430 AS	Japan	2015	560 x 430 x 510	12,000	3
11	Milling	Doosan	DNM T4000	Korea	2018	520 x 400 x 350	21,000	1
12	Turning	Doosan	PUMA GT3100L	Korea	2021	D481 * 1,275	2,800	1
13	Turning & Milling	DMG Mori	NLX2500	Japan	2017	D366 * 1,255	4,000	1
14	Turning	Doosan	LYNX 2100LA	Korea	2021	D350 * 550	6,000	2
15	Turning	Doosan	LYNX 220L	Korea	2016	D320 * 542	6,000	1
16	Turning	Doosan	LYNX 220Y	Korea	2015	D300 * 300	6,000	1
17	Die-Sinking	Makino	EDAF3	SG	2016	450 x 350 x 350	-	1
18	Die-Sinking	Mitsubishi	EA8S	Japan	2016	300 x 250 x 250	-	1
19	Wire-Cutting	Sodick	VL600Q	Thailand	2018	600 x 400 x 270	-	1
20	Wire-Cutting	Mitsubishi	MV1200S	Japan	2016	400 x 300 x 220	-	1
21	Wire-Cutting	Hightech	DK7725	China	2015	250 x 320 x 300	-	1
22	Surface Grinding	Okamoto	ACC-63DX	Japan	2018	605 x 300	3,000	1

Made-in-2021 equipment will be delivered in QII and QIII, 2021.

B. Manual

1	Surface Grinding	Nicco	NSG 6H	Japan	2000	600 x 1,200	-	1
2	Surface Grinding	Kuroda		Japan	2002	200 x 600	-	1
3	Sawing	Amada	CRH 300S	Japan			-	1
4	Milling	Enshu	LS2	Japan			-	1
5	Milling	Enshu	NK25	Japan			-	1
6	Milling	Makino	BJ-85	Japan			-	1
7	Drilling	Yaskawa	MM 350	Japan			-	1
8	Drilling	Ikeda	KHD-550	Japan			-	1
9	Laser Welding	Han's Laser	W100B	China	2017	100 x 100 x 500	-	1

C. Inspection

	EQUIPMENT	BRAND	MODEL	YEAR	WORKING SPECS	QTY.
1	Coordinator Measuring Machine	Hexagon	Croma 8106	2020	600 x 800 x 600	1
2	Coordinator Measuring Machine	Mitutoyo	M544	2017	400 x 500 x 500	1
3	Optical Measuring Machine	Hexagon	OLM 3020	2018	300 x 200 x 200	1
4	Hardness Tester	BAQ		2018	19.3 ÷ 28.2 HRC	1
5	Surface Roughness Tester	Mitutoyo	Surftest	2018	0 ÷ 360 µm	1

Summary

PRESS (T)	80	100	120	130	160	180	220	250	320	350	450	550	TOTAL
QUANTITY	3	1	2	6	3	6	2	2	1	1	-	-	27

A. Injection Molding Presses

	TONNAGE	BRAND	MACHINE MODEL	PICKOUT ROBOT	YEAR	TIE BAR DIST. (HxV)	INJ. CAPACITY	QUANTITY
						mm	gPS	
1	80	JSW	J80ADS-60U-25mm	Harmo ARXII-III-80G	2017-2021	410 x 410	45	3
2	100	JSW	J100ADS-110U-35mm	Harmo ARXII-80G	2017	460 x 460	105	1
3	120	Hyundai	HDC-120H-35mm	Star Seiki VK800s-14	2017	410 x 410	171	2
4	130	JSW	J130ADS-110U-32mm	Harmo ARXII-III-150G	2017-2021	530 x 510	88	2
5	130	JSW	J130ADS-110U-35mm	Harmo ARXII-III-150G	2017-2021	530 x 510	105	4
6	160	Haitian	MA1600II/540e-45mm	Star Seiki VK800s-14	2016	470 x 470	291	3
7	180	JSW	J180ADS-180U-35mm	Harmo ARX-III-150G	2017-2021	590 x 560	123	2
8	180	JSW	J180ADS-180U-40mm	Harmo ARX-III-150G	2017-2021	590 x 560	160	4
9	220	JSW	J220ADS-460H-46 mm	Harmo ARXII-250G	2017	650 x 590	318	1
10	220	JSW	J220ADS-460H-53mm	Harmo ARXII-250G	2017	650 x 590	421	1
11	250	Haitian	MA2500II/1000e-55mm	Star Seiki VK800s-14	2016	580 x 580	519	1
12	250	Haitian	MA2500IIS/700e-45mm	Harmo ARXIII-250G	2020	580 x 580	304	1
13	320	Haitian	MA3200IIS/1700e-65mm	Harmo ARXIII-250G	2020	680 x 680	845	1
14	350	JSW	J350ADS-890H-66mm	Harmo ARXII-300G	2017	810 x 730	810	1

Made-in-2021 equipment will be delivered in Q2, 2021.

B. Secondary Operation Equipment

	EQUIPMENT	BRAND	MODEL	YEAR	WORKING SPECS	QTY.
1	Pad Printer	Winon	WN-126FE	2017		2
2	Silk Printing Table			2016		10
3	Ultrasonic Welder	Vietsonic		2016	20 KHz	1
4	Annealing Cabinet			2013	For PMMA	1

C. Inspection Equipment

	EQUIPMENT	BRAND	MODEL	YEAR	WORKING SPECS	QTY.
1	Coordinator Measuring Machine	Hexagon	Croma 8106	2020	600 x 800 x 600	1
2	Coordinator Measuring Machine	Mitutoyo	M544	2017	400 x 500 x 500	1
3	Optical Measuring Machine	Hexagon	OLM 3020	2018	300 x 200 x 200	1