

Equipment List

No	Equipment Name	Specifications (Travle/Model/Size)	Brand name	Origin	Quantity	Service Consition	Function Application
1	5-Axis Gantry Machining Center	3000X3000X1200mm	WIM/ Italy	China	1	ON	For large megacasting mold core CNC machining
2	Gantry Machining Center	2500X1600X1000mm	Chengchuan	Taiwan/ China	2	ON	
3	Gantry Machining Center	2000X2000X1000mm	CHUANGHE	Taiwan/ China	1	ON	
4	Horizontal Machining Center	2000*1500*1000mm	Chengchuan	Taiwan/ China	1	ON	
5	3-Axis high speed milling center	1600X1200X800mm	WELE	Taiwan/ China	2	ON	
6	Depp hole drilling	2515-1500mm	NICE	China	1	ON	For integragted large megacasting mold core deep hole machining
7	MS-WEDM(Medium-speed Wire cut Electrical Discharge Machining)	2000X1600X800mm	HANQI	China	1	ON	For integragted large megacasting mold core WEDM machining
8	Double-head electric spark	2000X1800X1000mm	DMT	China	2	ON	For integragted large megacasting mold core EDM machining
9	Die Spotting Machine	1200T(5000X4200X3500mm)	NICE	China	1	ON	For integragted large megacasting mold assembly
10	Crane	200T/80T	Dafang	China	1	ON	For integragted large megacasting mold assembly
11	Quantum Max ScanArm CMM	Radius-1750mm	FARO	USA	1	ON	For integragted large megacasting mold inspection
12	3D Scanner	No limited	Scantech	China	1	ON	For integragted large megacasting mold inspection

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Machining Center						Machining Accuracy	Machining Stroke(unit:mm)			loading weight	tool shank	S
							X	Y	Z			
1	1380 type high speed machining center	MAKINO-F8	MAKINO/JAPAN	1	2022	0.008	1300	800	650	2.5T	HSK-A100	10000
2	Type 1370 machining center	F-13	WINTOP	1	2020	0.01	1300	700	800	1.5T	BT40	12000
3	Type 1612 high speed machine	FG-T1612	WELE/TAIWAN	1	2019	0.01	1600	1200	800	6T	HSK-A63	20000
4	Type 1060 high speed maching center	F-10	WINTOP	1	2016	0.01	1000	600	750	1T	BT40	12000
5	Gantry Machining Center	JDM-GM1615B	KUAIJIANG	1	2022	0.02	1600	1500	800	3.5T	BT50	6000
6	2020-type machining center	HCM2020	CHUANGHE	1	2015	0.05	2000	2000	1000	10T	BT50	6000
7	1012 Gantry CNC engraving and milling machine	TX-1012	TAIXIN	1	2017	0.03	1000	1200	550	2T	BT40	6000
8	1580 Type Machining Center	VMC1580A	HENGYU	1	2010	0.05	1500	800	750	3.5T	BT50	8000
9	1060 Type Machining Center	VMC1060	HENGYU	1	2010	0.005	1000	600	750	1T	BT40	8000
10	1050 Type Machining Center	YCM-V105A	YONGJIN/TAIWAN	1	2013	0.05	1000	500	800	1T	BT40	6000
11	1050 Type Machining Center	YCM-V105A	YONGJIN/TAIWAN	1	2013	0.05	1000	500	800	1T	BT40	6000
12	850 Type Machining Center	VMC850	QIAOHONG	1	2012	0.03	800	500	550	0.7T	BT40	8000

13	850 Type Machining Center	VMC850	QIAOHONG	1	2012	0.02	800	500	550	0.7T	BT40	8000
14	CNC engraving & milling machine	TX-76Plus	TAIXIN	1	2017	0.015	700	600	400	0.5T	ER32	24000
15	CNC engraving & milling machine	TX-76Plus	TAIXIN	1	2016	0.01	700	600	400	0.5T	ER32	24000
16	Graphite engraving & milling machine	TX-600	TAIXIN	1	2018	0.015	600	600	350	0.5T	ER32	24000
17	Graphite engraving & milling machine	TX-600	TAIXIN	1	2020	0.01	600	600	350	0.5T	BT30	24000
18	Graphite engraving & milling machine	TX-600	TAIXIN	1	2020	0.01	600	600	350	0.5T	BT30	24000
19	Graphite engraving & milling machine	TX-600	TAIXIN	1	2021	0.005	600	600	350	0.5T	BT30	24000
20	Graphite engraving & milling machine	DX6060	Dapeng	1	2013	0.05	600	600	350	0.5T	ER32	24000

NO	Equipment Name	Specifications (Travle/Model/Size)	Plant	Quantity	Date							
debugging/detection equipments						Detection accuracy				weight loading		
							X	Y	Z			

1	CMM	10213219	HEXAGON	1	2016	0.002	1200	800	600	1T
2	Articulated Arm	Quantum M V3.0m Arm	FARO/USA	1	2020	0.01	arm length			/
3	3D Scanner	HSCAN771	Scantech	1	2018	0.02	/			/
4	Leed hardness tester	AH120	Times Technology	1	2015	—	—	—	—	—
5	Rockwell hardness tester	HRS-150	Times Technology	1	2015	—	—	—	—	—
6	Ultrasonic flaw detector	TIME1100	Times Technology	1	2021	—	—	—	—	—
7	Roughness detector	TIME3221	Times Technology	1	2021	—	—	—	—	—
8	Die Spotting Machine	NC400-3020	NICE	1	2016	0.05	3000	2000	2000	45T
9	Die Spotting Machine	YJ27-500	NICE	1	2010	0.05	1800	1500	1500	15T
EDM machine						Machining Accuracy	machining stroke(mm)			weight loading
							X	Y	Z	
1	Double-head EDM	DMT180	DMT	1	2022	0.02	1800	1000	800	10T
2	Double-head EDM	DMT140	DMT	1	2018	0.02	1400	730	500	8T
3	EDM	HE100	HANBA	1	2013	0.02	1000	500	400	2T
4	EDM	ZNC-540	DAGANG	1	2015	0.03	500	400	200	0.5T
5	EDM	ZNC-540	DAGANG	1	2015	0.03	500	400	200	0.5T
6	EDM	540	HENGYU	1	2010	0.05	500	400	200	0.5T

WEDM						Machining Accuracy	machine stroke(mm)			weight loading
							X	Y	Z	
1	MS-WEDM(Medium-speed Wire cut Electrical Discharge Machining)	HQ-1600f3	HANQI	1	2022	0.02	1600	1200	1000	10T
2	MS-WEDM(Medium-speed Wire cut Electrical Discharge Machining)	HA800	SSG	1	2012	0.02	800	630	500	1T
3	MS-WEDM(Medium-speed Wire cut Electrical Discharge Machining)	HA630U	SSG	1	2016	0.02	630	500	500	0.85T
4	MS-WEDM(Medium-speed Wire cut Electrical Discharge Machining)	DK774	SPAITE	1	2009	0.05	500	400	400	0.5T
5	HS-WEDM(High-speed Wire cut Electrical Discharge Machining)	630mm*500mm*500mm	SHENYANG	1	2012	0.03	630	500	500	0.7T

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drilling, milling, machining & grinding equipments						Machining Accuracy	machine stroke(mm)			weight loading
							X	Y	Z	
1	Deep hole drilling machine	ZJA13-1610	ZHONGJIE	1	2018	0.05	1500	1000	1000	5T
2	Radial drilling machine	Z3050×16/1	ZHONGJIE	1	2018	——	max machining diameter: $\varnothing 50$ span: 1600			——
3	Radial drilling machine	Z3050×16A	CHUANRUN	1	2015	——	max machining diameter: $\varnothing 50$ span: 1600			——

4	Radial drilling machine	Z3050×16/1	ZHONGJIE	1	2019	——	max machining diameter: $\varnothing$ 50 span: 1600			——
5	Radial drilling machine	Z3050×16A	CHUANRUN	1	2020	——	max machining diameter: $\varnothing$ 50 span: 1600			——
6	Horizontal milling machine	LY-1500MB	LOGNYOU	1	2014	0.02	1500	800	600	——
7	Drilling & milling machine	ZX50C	SHENGLI	1	2017	——	800	200	400	——
8	Vertical turret milling machine	LY40M	XINLIANXING	1	2010	——	1100	2500	300	——
9	Lathe	CY6250B/1000	YUNJI	1	2013	0.05	max. maching diameter: $\varnothing$ 400 span: 1000			——
10	Lathe	C6123/750	YUNJI	1	2020	0.02	max machining diameter: $\varnothing$ 260 span: 750			——
11	universal cylindrical grinder	M1432C	CHONGQING	1	2010	0.02	inner circle: $\varnothing$ 125*200 outer circle: $\varnothing$ 320*1000			——
12	Surface grinding machine	M7150×12	GUIBEI	1	2017	0.02	1250	500	320	0.8T
13	Manual surface grinder	M250	JINGBO	1	2013	0.02	500	250	300	0.05T
Other lifting crane						Machining Accuracy	machining stroke(mm)			weight loading
							X	Y	Z	
1	Double-beam crane	40T-20T	DAFANG	1	2015					40T
2	Double-beam crane	10T-5T	DAFANG	1	2015					10T
3	Single-beam crane	10T	DAFANG	1	2015					10T
4	Single-beam crane	5T	DAFANG	3	2015					5T
5	Single rail crane	2T	DAFANG	1	2017					2T
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Others						Machining Accuracy	machining stroke(mm)			weight loading
							X	Y	Z	
1	Mold temperature control unit	ADDC-48	AODE	1	2018	——	Temp. control range: 320℃			——
2	Mold temperature control unit	ADDM-48	AODE	1	2020	——	Temp. control range: 321℃			——

3	high speed microhole EDM machine	CK450	CHANGKAI	1	2021	——	350	450	300	0.8T
4	Bench drill machine	120	JIACHENG	1	2018	——	280	230	300	——
5	Universal tapping machine	SW4027-1200	WOERSEN	1	2018	——	Working radius: 1200			——
6	EDM high-speed rocker arm piercing machine	703	LIAOYUAN	1	2016	——	500	500	600	——
7	Air tank	1033JTDA6311	SHENJIANG	1	2015	——	——	——	——	——
8	Air drying machine	ED-50F	Xiamen Dongya	1	2015	——	——	——	——	——
9	Air tank	217061200896×1360002	Xiamen Dongya	1	2015	——	——	——	——	——
10	Screw-type air compressor	EAS30J/8	Xiamen Dongya	1	2015	——	——	——	——	——
11	Screw-type air compressor	ZLS60Hi+/8	Xiamen Dongya	1	2020	——	——	——	——	——
12	Matel sawing machine	G/1250 85S	CHENDIAO	1	2020	——	clamping: 500 ; height: 260			——
13	Matel sawing machine	GB4230	CHENDIAO	1	2013	——	clamping: 800 ; height: 500			——
14	Polishing dust collector	1600 type	CHENGXIAO	1	2021	——	——	——	——	——
15	Temperature cycle control machine	ADDM-48	AODE	1	2019	——	——	——	——	——
16	Temperature cycle control machine	ADDL-48	AODE	1	2018	——	——	——	——	——