



SHENZHEN PRECISIONER DIECASTING MOLD CO., LTD.
Equipment List

Processing

Five-axis CNC

Four-axis Double-table CNC
CNC

Five-axis CNC

Brand: MAKINO
Type: D500
Travel distance: 750*650*560mm
Rotation diameter (Max): Φ 650mm
Rated spindle speed: 20000rpm
Positioning accuracy: 0.0025mm



Five-axis CNC

Brand: DMG
Type: 75 monoBLOCK
Travel distance: 750*650*560mm
Rotation diameter (Max): Φ 650mm
Rated spindle speed: 20000rpm
Positioning accuracy: 0.006mm



Four-axis Double-table CNC

Brand: OKUMA
Type: MAR-630H-e
Travel distance: 1000*800*810mm
Rated spindle speed: 5000rpm
Processing accuracy: <0.003 mm



CNC

Brand: MAKINO、DMG、FANUC、
DAHLIH
Quantity: 41
Accuracy: <0.003 mm

Processing

Gantry CNC



Gantry CNC

Brand: AWEA
Type: SP-2016
Travel distance: 2100*1600*760mm
Rated spindle speed: 12000rpm/min
Positioning accuracy: ± 0.015 mm
Bearing capacity: 8 tons



Gantry CNC

Brand: AWEA
Type: LP-3021YZ
Travel distance: 3000*2800*1200mm
Rated spindle speed: 12000rpm/min
Positioning accuracy: ± 0.015 mm
Bearing capacity: 10 tons

QC

Pendulum Impact Testing Machine

X-ray Measuring Machine

3D Scanner

Rockwell Hardometer

Pendulum Impact Testing Machine

Brand: WANCE
Type: PIT452D
Impact energy(Max): 450J
Pendulum pre elevation angle: 150°
Angular resolution: 0.025°
Impact absorbing energy: ≤0.4%
Impact speed: 5.24m/s



X-ray Measuring Machine

Brand: YXFord
Type: Global XT 7600-160KV
Measuring range: 500*500*700mm
Penetrable thickness (Max): 2400l/mm (Al/Mg)
Detection precision (Min): 0.14mm
Bearing: 75KG
Radiation leakage: <math><0.5 \mu\text{Gy/h}</math>



3D Scanner

Brand: GOM
Type: ATOS Com
Pixels: 12 million
Resolution: 4112*3008
Measuring range: 110-1500mm
Detection precision: 0.01-0.03mm
Lens distance: 0.04-0.15mm



Rockwell Hardometer

Brand: Zwick/Roell
Type: ZHR 4150TK
Test load: 10, 60, 100, 150kgf
Throat depth: 250mm
Measurable height: 150mm
Diameter of surface correction: 3-20mm
Holding time: 1-50s

Die Casting

500T Die Casting Machine

800T Die Casting Machine

1650T Die Casting Machine

800T Die Spotting Machine

500T DC Machine

Brand: LK
Type: DCC 500
Clamping force: 5000 KN
Tiebar clearance: 760*760mm
Casting force (Max): 460KN
Casting weight (Max): 7.1kg



800T DC Machine

Brand: LK
Type: DCC 800
Clamping force: 8000 KN
Tiebar clearance: 910*910mm
Casting force (Max): 670KN
Casting weight (Max): 11.3kg



1650T DC Machine

Brand: UBE
Type: 1650IV-J
Clamping force: 16500KN
Tiebar clearance: 1500*1300mm
Casting force (Max): 1295KN
Casting speed: 0.1~10m/sec
Casting weight (Max): 35kg

Die Spotting Machine

Brand: SHUNXING
Type: SX800YC-II
Table size: 4200*3500mm
Clamping force: 800T
Mold opening force: 190T
Table Load Capacity (Max): 160T



Equipment

Processing Machine

QC Machine

DC Machine

Others

No.	Category	Brand	Type	Travel (mm)	Quantity
1	CNC (Computer Numerical Control)	MAKINO	F5-900	900*500	1
2		MAKINO	E33	600*450	1
3		FANUC	D14MiA	500*400	1
4		FANUC	D21MiA	500*400	1
5		DAHLIH	MCV-860	860*550	6
6		DAHLIH	MCV-1200	1200*600	3
7		DAHLIH	PT-128A	1200*900	5
8		JTGK	JTGK-600C	500*600	2
9		GDM	GDM-850	800*500	1
10		GDM	GDM-1060	1000*600	1
11		HAWEST STAR	HS1690G	1600*900	1
12		HAWEST STAR	HS1276G	1200*700	5
13		HAWEST STAR	HS955	900*550	1
14		HAWEST STAR	HS850	800*500	2
15		BAOFENG	BF-1613V	1600*1300	2
16	Four-axis Double-table Computer Numerical Control	OKUMA	MAR-630H-e	1000*800	4
17	Five-axis Computer Numerical Control	DMG	75 monoBLOCK	750*650	1
18		MAKINO	D500	500+30\~120	1
19	Gantry CNC	AWEA	SP-2016	2100*1600*960	1
20		AWEA	LP-3021YZ	3000*2800*1200	1
21	EDM (Electrical Discharge Maching)	DAEHAN	TURBO EDM-500CNC	800*590	1
22		DAEHAN	TURBO EDM-700CNC	900*600	1
23		HSPK	Double Heads HE180	1800*900	1
24		HSPK	HE70	900*500	2
25		HSPK	HE100	1000*500	1
26		JIAHENG	ZMC-450	500*400	2
27		DIC-W	DW-4050	500*400	2
28		MAKINO	EDNC106	1000*600	1
29	WEDM (Wire Cut Electrical Discharge Machining)	TELUE	TL-8063BH	800*630	1
30		TELUE	TL-5040H	400*500	2
31		BIG IRON	DK800	1200*800	1
32		XINKUAI	DK7740	450*550	1
33		XINKUAI	DK7750	500*630	1
34		XINKUAI	DK7763	630*800	1
35		MAKINO	U86	800*600	2
36	CMM	ZEISS	CONTURA 7/10/6 RDS	700*1000	1
37		HEXAGON	EXPLORER CLASSIC 06.08.06	600*800	1
38		HEXAGON	EXPLORER CLASSIC 10.12.08	100*1200	1
39		AEH	DAISY8106	800*1000	1
40	YVM	Easson	4030	400*300	2
41	Ultrasonic Flaw Detector	OLYMPUS	EP650-LX-ACC-K	-	2
42	Optical Emission Spectrometer	Skyray	OES 8000S	≥φ20	1

Equipment

Processing Machine

QC Machine

DC Machine

Others

No.	Category	Brand	Type	Travel (mm)	Quantity
43	3D Scanner	GOM	ATOS Compact Scan	100-1200	1
44	Metallographic Microscope	Novel	MR5000	≥φ10	1
45	Metallographic Inlay Machine	Veiyee	XQ-2B (30mm)	φ30	1
46	Metallographic Grinding Machine	Veiyee	MoPao@2	φ250	1
47	Pendulum Impact Testing Machine	WANCE	PIT452D	/	1
48	X-ray Measuring Machine	YXFord	Global XT 7600-160KV	φ800	1
49	Thermal Imager	BOSCH	GTC400C	-	1
50	Hardness Tester	G&R TECHNOLOGY INC	HT-1001A	-	3
51	Rockwell Hardometer	Zwick/Roell	ZHR4150-TK	Thickness≤150	1
52		HUANGXING	HR-150A	150	1
53	Precision Milling Machine	JIASHENG	JS-DX1500	1500*800	1
54	Twin-head CNC Milling Machine	GOODA	TH-700NC	700*700	1
55	Vertical Gun Drilling	LIGONG	D1165	1100*650	2
56	Seven Axes Gun Drilling	ACCURATE	AMG18	1300*1200*700*1100	1
57	Radial Drilling	ZHONGJIE	Z305016-1	1600*1250	2
58	Broacher	CHAONENG	CSL-Y	10*10*55	1
59	Grinding Machine	KENT	KGS-84AH	920*450	2
60	Cnc Lathe	ZHONGJIE	CAK 5085	D400*770	1
61	High Temperature Furnace	BlueSky	SXC-4-13C	150*150*50	1
62	Tempering Furnace	ZD	HX4A-48-600	1000*1000	1
63		FX	FXL-120-6	1400*1400	1
64		FX	FXL-120-6	1100*1000	1
65	Quick Clamping Fixtures	3A	ITS	-	23+1800
66	Die Casting Machine	LK IMPRESS-III	DCC500	500T	1
67		LK IMPRESS-III	DCC800	800T	1
68		UBE	1650IV-J	1650T	1
69	Die Spotting Machine	NICE	NC70-1007	1000*700	1
70		SHXMACHINE	SX300JM	2200*1800	1
71		SHXMACHINE	SX800YC-II	4200*3500	1
72	Crane	HUARUI	60T+30T	-	1
73		HUARUI	20T+10T	-	1
74		HUARUI	10T+5T	-	1
75		HUARUI	10T	-	1
76		HUARUI	5T	-	2
77		HUARUI	3T	-	2
78		YONGTONG	2.8T	-	1
79		DAXINGFA	5T	-	1
80		TIANKUN	10T+5T	-	1
81		TIANKUN	10T	-	1
82		TIANKUN	5T	-	3
83		TIANKUN	2T	-	1