



**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):  $\Phi 650$ mm  
Rated spindle speed: 20000rpm  
Positioning accuracy: 0.0025mm



## Five-axis CNC

Brand: DMG  
Type: 75 monoBLOCK  
Travel distance: 750\*650\*560mm  
Rotation diameter (Max):  $\Phi 650$ mm  
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: 44  
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:  $\pm 0.015$ mm  
Bearing capacity: 8 tons



### Gantry CNC

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

# QC

Pendulum Impact Testing Machine

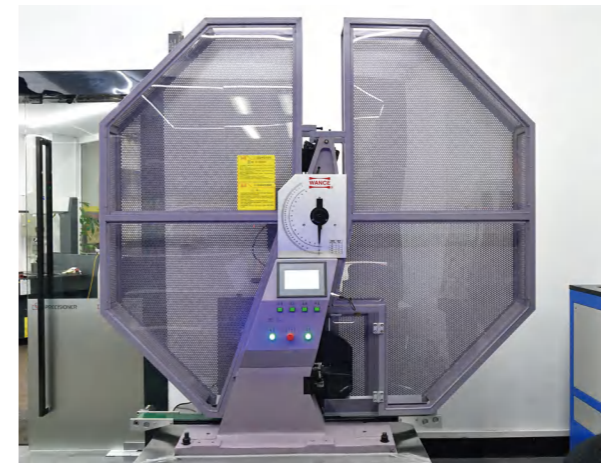
X-ray Measuring Machine

3D Scanner

Rockwell Hardometer Tester

## 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 Tester

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

Item	Category	Brand	Type	Travel (mm)	Quantity (set)
1	CNC(Computer Numerical Control)	MAKINO	D500	550*1000*500	1
2		DMG	75 monoBLOCK	750*650*600	1
3		MAKINO	F5-900	900*500*450	1
4		MAKINO	E33	600*450*450	1
5		FANUC	D14MiA	500*400*330	1
6		FANUC	D21MiA	500*400*330	1
7		OKUMA	MAR-630H-e	1000*800*810	1
8		DAHLIH	MCV-860	860*550*550	6
9		DAHLIH	MCV-1200	1200*600*500	3
10		DAHLIH	PT-128A	1200*900*560	5
11		AWEA	SP-2016	2100*1600*760	1
12		AWEA	LP-3021YZ	3000*2100*1000	1
13		BAOFENG	BF-1814V	1800*1500*580	2
14		BAOFENG	BF-1613V	1600*1400*600	7
15		BAOFENG	BF-VH630	1200*780*800	1
16		HAWEST STAR	HS1690G	1600*900*650	1
17		HAWEST STAR	HS1276G	1200*700*600	5
18		HAWEST STAR	HS955	900*550*500	1
19		HAWEST STAR	HS850	800*550*600	2
20	EDM (Electrical Discharge Machining)	DAEHAN	TURBO EDM-500CNC	800*590*350	1
21		DAEHAN	TURBO EDM-700CNC	900*600*400	1
22		HSPK	Double Heads HE180	1800*900*700	1
23		HSPK	HE70	700*400*300	2
24		HSPK	HG100	1000*500*400	1
25		HSD	HSD450	500*400*400	2
26	WEDM (Wire cut Electrical Discharge Machining )	TELUE	TL-8063BH	630*800*400	1
27		TELUE	TL-5040H	400*500*220	2
28		BIG IRON	AQ750	550*700*400	1
29		XINKUAI	DK7763	630*800*450	1
30		HSD	HSD560	500*630*350	1
31	HSD	HSD450	450*550*300	1	
32	Die Casting Machine	UBE	UBE1650iV	1650T	1
33		LK IMPRESS-III	DCC500	500T	1
34		LK IMPRESS-III	DCC800	800T	1
35	CMM	ZEISS	CONTURA 7/10/6 RDS	700*1000*600	1
36		HEXAGON	EXPLORER CLASSIC 06.08.06	600*800*600	1
37		AEH	DAISY8106	800*1000*600	1
38		HEXAGON	INSPECTOR CLASSIC 10.12.08	1000*1200*800	1
39	OMM	Easson	4030	400*300*200	2
40	Ultrasonic Flaw Detector	OLYMPUS	EP650-LX-ACC-K	-	2
41	3D Scanner	GOM	ATOS Campact Scan	1200*1200*1200	1
42	ABSOLUTE ARM Portable 3D Scanner	HEXAGON	RA 8520-7 PLUS	φ2480	1

# Equipment

Processing Machine

QC Machine

DC Machine

Others

Item	Category	Brand	Type	Travel (mm)	Quantity (set)
43	X-ray real-time imaging device	YXFord	Global XT 7600-160KV	φ800	1
44	Spectrum Analyzer	Skyray	OES 8000S	-	1
45	Steel-Charpy V-notch pendulum impact test Instrumented	WANCE	PIT452D	-	1
46	Impact test specimen notching broaching machine	CHAONENG	CSL-Y	-	1
47	Microscope	Novel	MR5000	-	1
48	Grinding and Polishing Machine	Veiyee	XQ-2B φ30mm	-	1
49	Grinding and Polishing Machine	Veiyee	MoPao2	-	1
50	Integrated programmed high temperature furnace	BlueSky	SXC-4-13C	-	1
51	Hardness tester	G&R TECHNOLOGY INC	HT-1001A	-	3
52	Rockwell hardness tester	Zwick/Roell	ZHR4150-TK	-	1
53		HUANGXING	HR-150A	-	2
54	Quick Clamping Fixtures	3A	ITS	-	23+1800
55	Seven Axes Gun Drilling	ACCURATE	AMG18	1300*1200*600 (1850*1360) (Multi-axis equipment,	1
56	Horizontal Gun Drilling	HONGJI	DH2016M	2000*1300*1800 φ2-φ42	1
57	Twin-head CNC Milling Machine	GOODA	TH-700NC	700*700*1400	1
58	Vertical Gun Drilling	LIGONG	D1165	1100*650*850	2
59	Radial Drilling	ZHONGJIE	Z305016-1	1600*1250	2
60	Grinding machine	KENT	KGS-84AH	920*450	2
61	Cnc Lathe	ZHONGJIE	CAK 5085	D400*770	1
62	Fitting Machine	NICE	NC70-1007	1000*700	1
63		SHXMACHINE	SX300JM	2200*1800	1
64		SHXMACHINE	SX800YC-II	4500*3500	1
65	Thermal Imager	BOSCH	GTC400C	-	1
66	Tempering Furnace	FX	FXL-120-6	1400*1400	1
67		FX	FXL-60-6	1100*1000	1
68	Discharge punching machine	HSD	-	500*400*400	2
69	Crane	HUARUI	60T+30T	-	1
70		HUARUI	20T+10T	-	1
71		HUARUI	10T+5T	-	5
72		HUARUI	10T	-	1
73		HUARUI	5T	-	9
74		HUARUI	3T	-	2
75		HUARUI	2.8T	-	3
76		DAXINGFA	5T	-	1
77		TIANKUN	5T	-	3
78		TIANKUN	10T	-	1
79		TIANKUN	2T	-	1