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): Φ650mm
Rated spindle speed: 20000rpm
Positioning accuracy: 0.0025mm



Five-axis CNC

Brand: DMG
Type: 75 monoBLOCK
Travel distance: 750 × 650 × 560mm
Rotation diameter (Max): Φ650mm
Rated spindle speed: 20000rpm
Positioning accuracy: 0.006mm





Four-axis Double-table CNC

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



CNC

Brand: MAKINO、DMG、FANUC、
DAHLIH
Quantity: 40+
Accuracy: <0.003mm

Processing

Gantry CNC





Gantry CNC

Brand: AWEA
Type: SP-2016
Travel distance: 2100 x 1600 x 700mm
Rated spindle speed: 12000rpm/min
Positioning accuracy: ±0.015mm
Bearing capacity: 8 tons

Gantry CNC

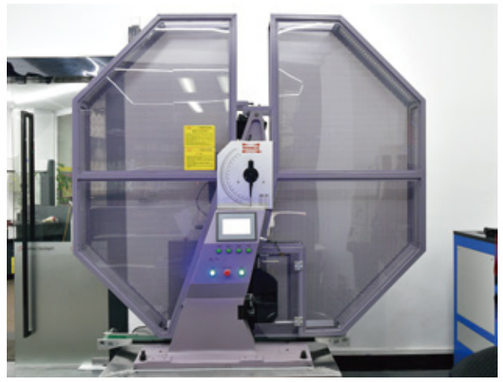
Brand: AWEA
Type: LP-3021YZ
Travel distance: 3000 x 2800 x 1200mm
Rated spindle speed: 12000rpm/min
Positioning accuracy: ±0.015mm
Bearing capacity: 10 tons

QC

Pendulum Impact Testing Machine
X-ray Measuring Machine
3D Scanner
Rockwell Hardometer

Pendulum Impact Testing Machine

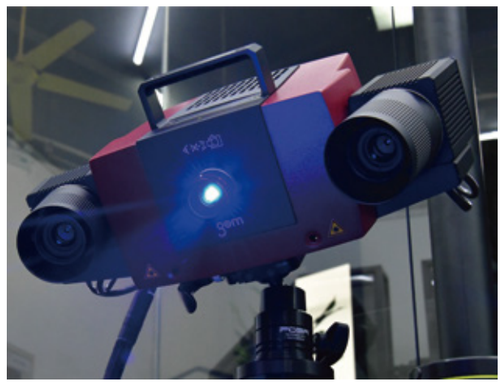
Brand: WANCE
Type：PIT452D
Impact energy(Max): 450J
Pendulum pre elevation angle: 150°
Angular resolution: 0.025°
Impact absorbing energy: ≤0.4%
Impact speed: 5.24m/s



X-ray Measuring Machine

Brand: YXFord
Type: Global XT 7600-160KV
Measuring range: 500 x 500 x 700mm
Penetrable thickness (Max): 2400l/mm (Al/Mg)
Detection precision (Min): 0.14mm
Bearing: 75 kg
Radiation leakage: <0.5 μ Gy/h







3D Scanner

Brand: GOM
Type: ATOS Com
Pixels: 12 million
Resolution: 4112 x 3008dpi
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 Trial

1650T Die Casting Machine

800T Die Spotting Machine

1650T Die Casting Machine

Brand: UBE
Type: 1650iV−J
Clamping force: 16500kn
Tiebar clearance: 1500 x 1300mm
Casting force(Max):1295kn
Casting speed: 0.1~10m/s
Casting weight(Max): 35kg



Die Spotting Machine

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

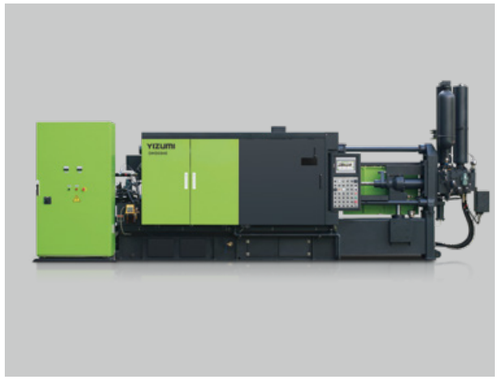


Die Trial

300T Die Casting Machine
500T Die Casting Machine
800T Die Casting Machine
1250T Die Casting Machine

300T Die Casting Machine

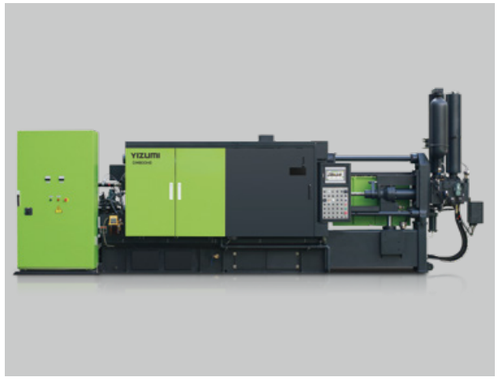
Brand：YIZUMI
Type：YZM 300 HII
Clamping force：306(3,000kn)
Tie bar spacing：570 × 570mm
Injection force：33.66 (330kn)
Injection area：750 ㎠（40mpa）



500T Die Casting Machine

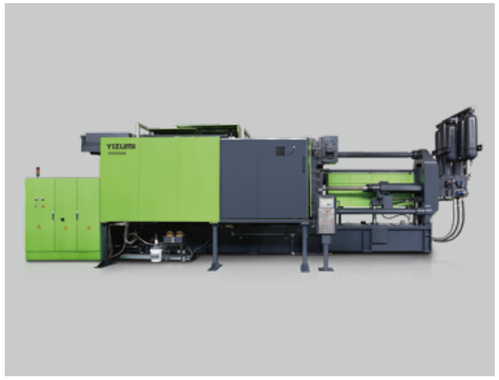
Brand：YIZUMI
Type：YZM 500 HII
Clamping force：510 (5,000kn)
Tie bar spacing：750 × 750mm
Injection force：49 (480kn)
Injection area：1250 ㎠（40mpa）





800T Die Casting Machine

Brand：YIZUMI
Type：YZM 800 HII
Clamping force：816 (8,000kn)
Tie bar spacing：930 × 930mm
Injection force：71.4(700kn)
Injection area：2,000 ㎠（40mpa）



1250T Die Casting Machine

Brand：YIZUMI
Type：YZM 1250 HII
Clamping force：1,275 (12,500kn)
Tie bar spacing：1,730 × 1,730mm
Injection force：112.2 (1100kn)
Injection area：3,125 ㎠（40mpa）

Die Trial

2500T Die Casting Machine

4500T Die Casting Machine

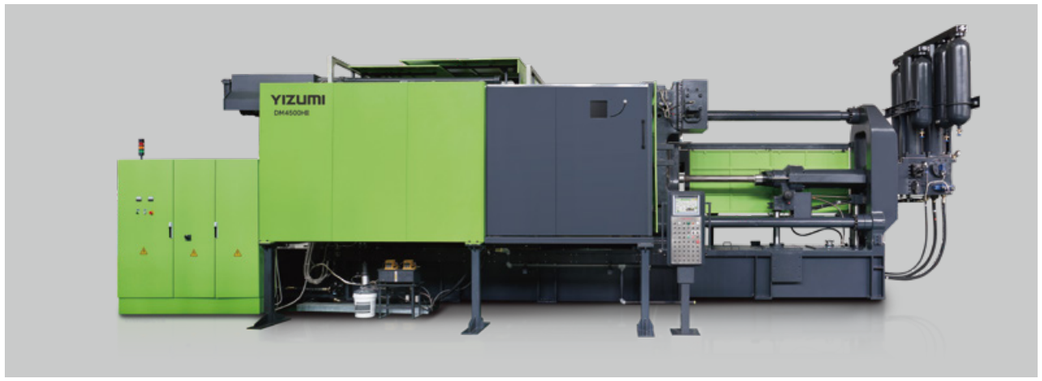
2,500T Die Casting Machine

Brand：YIZUMI
Type：YZM 2500 LEAP
Clamping force：2,550 (25,000kn)
Tie bar spacing：1,500 × 1,500mm
Injection force：234.6(2,300kn)
Injection area：6250 ㎠（40mpa）



4,500T Die Casting Machine

Brand：YIZUMI
Type：YZM 4500 HII
Clamping force：4,590 t（45,000 kn）
Tie bar spacing：1,950 × 1,950 mm
Injection force：285.6 t（2,800 kn）
Injection area：11,250 cm²（40mpa）



Equipment

Processing Machine

QC Machine

DC Machine

Others

Item	Category	Brand	Type	Travel (mm)	Quantity (set)
1	CNC(Computer Numerical Control)	MAKINO	D500	550 x 1000 x 500	1
2		DMG	75 monoBLOCK	750 x 650 x 600	1
3		MAKINO	F5-900	900 x 500 x 450	1
4		MAKINO	E33	600 x 450 x 450	1
5		FANUC	D14MiA	500 x 400 x 330	1
6		FANUC	D21MiA	500 x 400 x 330	1
7		OKUMA	MAR-630H-e	1000 x 800 x 810	1
8		DAHLIH	MCV-860	860 x 550 x 550	6
9		DAHLIH	MCV-1200	1200 x 600 x 500	3
10		DAHLIH	PT-128A	1200 x 900 x 560	5
11		AWEA	SP-2016	2100 x 1600 x 760	1
12		AWEA	LP-3021YZ	3000 x 2100 x 1000	1
13		BAOFENG	BF-1814V	1800 x 1500 x 580	2
14		BAOFENG	BF-1613V	1600 x 1400 x 600	7
15		BAOFENG	BF-VH630	1200 x 780 x 800	1
16		HAWEST STAR	HS1690G	1600 x 900 x 650	1
17		HAWEST STAR	HS1276G	1200 x 700 x 600	5
18		HAWEST STAR	HS955	900 x 550 x 500	1
19		HAWEST STAR	HS850	800 x 550 x 600	2
20	EDM (Electrical Discharge Machining)	DAEHAN	TURBO EDM-500CNC	800 x 590 x 350	1
21		DAEHAN	TURBO EDM-700CNC	900 x 600 x 400	1
22		HSPK	Double Heads HE180	1800 x 900 x 700	1
23		HSPK	HE70	700 x 400 x 300	2
24		HSPK	HG100	1000 x 500 x 400	1
25		HSD	HSD450	500 x 400 x 400	2
26	WEDM (Wire cut Electrical Discharge Machining)	TELUE	TL-8063BH	630 x 800 x 400	1
27		TELUE	TL-5040H	400 x 500 x 220	2
28		BIG IRON	AQ750	550 x 700 x 400	1
29		XINKUAI	DK7763	630 x 800 x 450	1
30		HSD	HSD560	500 x 630 x 350	1
31		HSD	HSD450	450 x 550 x 300	1
32	Die Casting Machine	UBE	UB1650iV	1650T	1
33		YIZUMI	DM4500HII	4500T	1
34		YIZUMI	LEAP2500U	2500T	1
35		YIZUMI	DM1250HII	1250T	1
36		YIZUMI	DM800HII	800T	1
37		YIZUMI	DM500HII	500T	1
38		YIZUMI	DM300HII	300T	1
39	CMM	ZEISS	CONTURA 7/10/6 RDS	700 x 1000 x 600	1
40		HEXAGON	Explorer Classic 06.08.06	600 x 800 x 600	1
41		AEH	DAISY8106	800 x 1000 x 600	1
42		HEXAGON	INSPECTOR classic 10.12.08	1000 x 1200 x 800	1
43		HEXAGON	INSPECTOR S Scan 15.22.10	1500 x 2200 x 1000	1
44	OMM	Easson	4030	400 x 300 x 200	2
45	Ultrasonic Flaw Detector	OLYMPUS	EP650-LX-ACC-K	-	2
46	3D Scanner	GOM	ATOS Campact Scan	1200 x 1200 x 1200	1
47	ABSOLUTE ARM Portable 3D Scanner	HEXAGON	RA 8520-7 PLUS	φ2480	1
48	X-ray real-time imaging device	YXFord	Global XT 7600-160KV	φ800	1

Equipment

Processing Machine

QC Machine

DC Machine

Others

Item	Category	Brand	Type	Travel (mm)	Quantity (set)
49	Spectrum Analyzer	Skyray	OES 8000S	-	1
50		SPECTRO	SPECTROMAXx	-	1
51	Steel-Charpy V-notch pendulum impact test Instrumented	WANCE	PIT452D	-	1
52	Impact test specimen notching broaching machine	CHAONENG	CSL - Y	-	1
53	Microscope	Novel	MR5000	-	1
54	Metallographic Specimen Mounting Press	Veiyee	XQ-2B φ30mm	-	1
55	Metallographic Specimen Grinding and Polishing Machine	Veiyee	MoPao2	-	1
56		Veiyee	MP-2	-	2
57	Integrated programmed high temperature furnace	BlueSky	SXC-4-13C	-	1
58	Hardness tester	G&R TECHNOLOGY INC	HT-1001A	-	3
59	Rockwell hardness tester	Zwick/Roell	ZHR4150-TK	-	1
60		HUANGXING	HR-150A	-	2
61	Quick Clamping Fixtures	3A	ITS	-	23+1800
62	Seven Axes Gun Drilling	ACCURATE	AMG18	1300 × 1200 × 600 (1850 × 1360) (Multi-axis equipment; travels: 600, 1850, and 1360 mm respectively)	1
63	Horizontal Gun Drilling	HONGJI	DH2016M	2000*1300*1800 φ2-φ42	1
64	Twin-head CNC Milling Machine	GOODA	TH-700NC	390 × 2 × 390 × 1000 mm (working range: width 700 mm, thickness 240 mm)	1
65		GOODA	TH-1000NC	500 × 2 × 500 × 1400 mm (working range: width 1000 mm, thickness 240 mm)	1
66	Vertical Gun Drilling	LIGONG	D1165	1100 x 650 x 850	2
67	Radial Drilling	ZHONGJIE	Z305016-1	1600 x 1250	2
68	Grinding machine	KENT	KGS-84AH	920 x 450	2
69	Cnc Lathe	ZHONGJIE	CAK 5085	D400 x 770	1
70	Fitting Machine	NICE	NC70-1007	1000 x 700	1
71		SHXMACHINE	SX300JM	2200 x 1800	1
72		SHXMACHINE	SX800YC-II	4500 x 3500	1
73	Thermal Imager	BOSCH	GTC400C	-	1
74	Tempering Furnace	FX	FXL-120-6	1400 x 1400	1
75		FX	FXL-60-6	1100 x 1000	1
76	Discharge punching machine	HSD	-	500 x 400 x 400	2
77	Crane	HUARUI	60T+30T	-	2
78		HUARUI	20T+10T	-	2
79		HUARUI	10T+5T	-	5
80		HUARUI	10T	-	1
81		HUARUI	5T	-	9
82		HUARUI	3T	-	1
83		HUARUI	2.8T	-	5
84		DAXINGFA	5T	-	1
85		TIANKUN	5T	-	3
86		TIANKUN	10T	-	1
87		TIANKUN	2T	-	1