



敬达机械
JINGDAJIXIE

Quanzhou jingda machinery co.,ltd



1号出入口

C3 号楼

Building Number Three



敬达机械

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company profile

Quanzhou Jingda Machinery Co., Ltd., the brand "Jingda Machinery", is located in the gathering area D-7 of Xunmei Industrial Zone, Fengze District, Quanzhou City, Fujian Province, China. It is a company engaged in technical process guidance, mold design field staff training and manufacturing water heating and sanitary ware complete sets of equipment products. The main products are: gravity casting machine, double-head automatic core-shooting machine, vertical core-shooting machine sand mixer, zinc alloy casting machine and pneumatic clamp, plane grinding machine and so on. In order to purchase equipment manufacturers, the company can train technicians free of charge, making it faster and more skillful to achieve the desired purpose.



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服务

成就卓越 感谢有您!

SERVICE EXCELLENCE, THANK YOU!

我们始终坚持以质量求生存，以科技求发展的宗旨，不断创新开拓、努力、钻研，以塑造卓越的产品，提高公司实力，完善管理体系，竭诚为广大用户提供完善的售后服务。



AOGGI
Sustainable products

KLF
凯乐洁具

XUEYU
雪雨



SINYO
SANTALAX TRADES

RWMA
MEMBER



MEILA
美拉五金

售后服务
After-sale service

品质，臻至完美 创造共赢

PERFECT QUALITY, CREATE A WIN-WIN SITUATION

在全方位了解客户对产品的需求和期望后，专业为客户量身定制解决方案，为客户提供产品售前、售中、售后全程专业化服务，真诚希望与国内外广大用户携手合作，共创新的辉煌。



铝合金铸造机系列



JDLL600简易型翻转浇注机



JDLF600翻转浇注机



JDWF650卧式型翻转浇注机



铝合金铸造机系列



JDL700立式浇注机



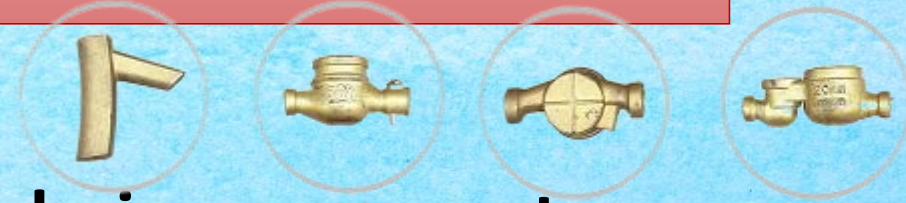
J451低压铸造机





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JD-AB500 Gravity casting machine



Technique parameter

- maximum outline diameter $\Phi 500$ mm
- maximum mold weight 150 kg
- maximum distance of mold baseboard 475 mm
- maximum stroke of assemble mold 265 mm
- the angle range of side pouring $0-90^{\circ}$
- the angle range of front pouring $0-110^{\circ}$
- the range of the mold immersion liquid $0-90^{\circ}$
- the working oil pressure 50-70 bar
- electric motor power 3.75+0.75+0.75kw
- three phase power 380v/50Hz
- oil tank capacity 210 L
- Mold immersion liquid groove capacity 375L+375L
- device net weight 2000 kg
- device maximum outline dimension $1650 \times 2300 \times 1720$ mm



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JD-361-A Automatic Core Shooting Machine



Technique parameter

Maximum weight of sand core: 6kg

Maximum size of core box:

400mm*280mm*200mm

Heating power: 6.4kw

Stroke under pressure of shooting head: <30mm

Stroke of mold opening: <250mm

Maximum stroke of core-pulling bar: 125mm

Conveyor belt size: 1650mm*400mm*100mm

Power: 6.7kw

Rise angle of conveyor belt: 2° -4°

Transmission speed: 72mm/s

Machine size: 2110mm*1550mm*2080mm



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JD-300-II heat box core shooting machine

Technique parameter

Maximum weight of sand core: 3.2 kg

Maximum core box size (L × W × H): 350mm × 260mm × 160mm

Stroke under pressure of shooting head: Less than 30 mm

Size of heating plate (L × W): 350mm × 20mm

Core-pulling stroke below: 125 mm

Core-pulling stroke between front and back: 50 mm

Adjustment angle of core-pulling between front and back: Less than 70 deg

Machine weight: 450 kg

Heating power: 6.5 kw

Machine size: 1250mm × 950mm × 1850mm





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JD-400-Z Automatic Double Head Sand Core Shooter Machines



Technique parameter

Greatest weight of sand cores: 3.2kg*2

The biggest size of core boxes(L x W x H):
380mmX280mmX200mm

Left and right Itinerary of plunger: 125mm

The longest Itinerary of clamping when vertical
clamping: 250mm

Heating power: 6.5kw

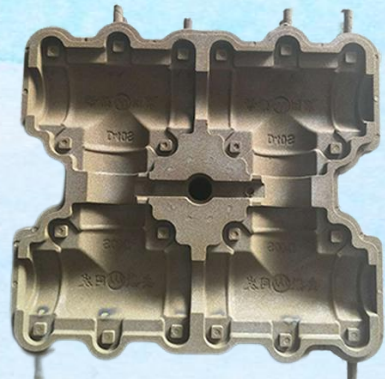
Equipment net weight: 425kg

Equipment maximum outlined size:
1420*680*1650mm



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JD-600-Z Automatic Core Shooter Machine



Technique parameter

- Maximum weight of sand core : $16 \text{ kg} \times 2$
- (2) Maximum core box size (L \times W \times H) : $530 \times 480 \times 280 \text{ mm}$
- (3) Maximum distance between operating platform and ejector : 570 mm
- (4) Shooting head stroke from left side to right side : 125 mm
- (5) Effective packing force of shooting head under pressure : 4900 N
- (6) Maximum effective clamping force of vertical clamber : 4900 N
- (7) Maximum clamping stroke of vertical clamber : 250 mm
- (8) Compressed air pressure : $(0.45 \sim 0.7) \text{ kpa}$
- (9) Sand hopper capacity : $(50 \times 2) \text{ kg}$
- (10) Consumption amount of free air : $0.1 \text{ square meters}$
- (11) Heating plate size (L \times H) : $(300 \times 220) \text{ mm}$
- (12) Machine weight : 650 kg
- (13) Machine size(L \times W \times H) : $1600 \times 860 \times 2000 \text{ mm}$



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JD-700 Shell Core Shooting Machine

Technique parameter

Template rotating cylinder: $\varnothing 80/\varnothing 40$

Template rotary mechanism: Gear tooth arrangement mechanism

Open and close die cylinder: $\varnothing 90/\varnothing 45-600$

Maximum mold size: 620*600

Static-dynamic distance: 300-900

Distance between the sand shot bucket and the static template: 150-240

Volume of shooting sand bucket: 18KG

Upper sand storage bucket volume: 150KG

Sliding cylinder of the sand shooting bucket: SC50

Shooting head lifting cylinder: SC125*100
motor: 3.75kw

Oil pump: V25A2

Tank volume: 80L

Working air pressure: 7bar

Maximum working pressure of hydraulic station: 10Mpa

Type of core sand used: Coated resin sand

Heating mode: Electric heat pipe electric heating

Control mode: Manual and automatic

Sliding cylinder of the sand shooting bucket: SC50

Shooting head lifting cylinder: SC125*100

Sand closing cylinder: SC50





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(45KW) 150kg Line-Frequency Cored Induction Furnace

Technique parameter

Rated power: 45kw

Rated voltage: 380VAC

Phase: Input: three phase; output: one-way

Power: 50Hz

Power factor: ± 0.9

Highest melting temperature: 1100°C

Melting rate: 150kg/h

Cooling way: water cooling

Cooling water pressure: 1.5-2.5kg/cm²

Cooling water flow: about 200L per hour

Transfer capacity: 50KVA 380VAC

Rated input current: 90A

Machine size: 1120×820×1150

Furnace chamber inner diameter: 300×300×2/hearts
(Adjust by actual requirements)

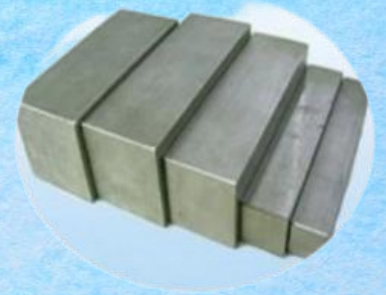
Furnace chamber capacity: about 600kg brass liquid



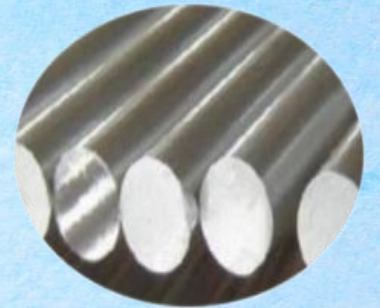


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Resistance furnace



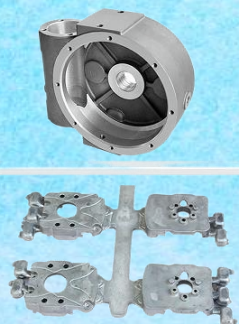
Iron



Aluminum



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JD-45 Low Pressure Casting Machine



Appellation	J451	J452	J455	J458
Furnace Capacity(kg)	150	200	500	800
Mold size Length width height	600X400X400	700X600X450	800X800X500	1000X1000X500
Horizontal opening cylindert	2/3	2/3/4	2/3/4	2/3/4
Bore/rod diameter	100/50	125/63	125/70	125/70
Stroke	200	250	300	350
Center height(can be adjusted)	110	130	150	160
Center height:bore/rod diameter	125/70	125/70	140/80	140/80
Closing cylinder:stroke	500	600	800	1000
Hydraulic system Pressure Flow	12/63	12/63	12/63	12/80
Compressed air	06	06	06	06
Power	30	40	50	60
Machine weight	~6	~8	~10.5	~15



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JD-600 Aluminum gravity casting machine



Technique parameter

The maximum size of the mold frame 600 * 500 * 600

Maximum clamping force 40KN

Maximum Opening Force 32KN

The minimum height of 350 closed

Dynamic Templates stroke 350

Top -core cylinder output 38KN

Table tilting angle 0 ° -90 °

Table tilting speed of 8 ° /S ≤ V ≤ 4 ° /S

Hydraulic Power Rating 3.75KW

Hydraulic system pressure rating 6.5Mpa

Hydraulic system working pressure 5.5-10Mpa

control manual and automatic





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JD700-5K Aluminum gravity casting machine



Technique parameter

The maximum size mold frame	(700*600*780)mm
Diameter of main cylinder/ Stroke:	Φ125/Φ60-400
The Maximum Opening/ Clamping Force:	90KN/120KN
Max Ejection force:	70KN
Maximum / Minimum Distance Between the two platen:	380-780
Diameter of Ejection Cylinder:	Φ110/Φ60-70
Diameter of Back Core pulling cylinder:	Φ100/Φ50-150
Diameter of side core pulling cylinder:	Φ100/Φ50-200
Table tilting angle:	0°-90°
Motor power:	7.5kw
Hydraulic system working pressure:	0~10MPa
Cooling way:	Water cooling
control:	manual and automatic
Machine size(L*W*H):	(3070*2270*1910)m
Machine weight:	3500kgs





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JD-800 aluminum gravity casting machine



Technique parameter

- The maximum size mold frame : 800*600*450
- Hoist Cylinder Size : $\Phi 125 \times \Phi 60 \times 400$
- The Maximum Opening/ Clamping Force 85kN/110kN
- Maximum / Minimum Distance Between Top and Bottom Formwork : 800mm/400mm
- Backform Cylinder Size : $\Phi 100 \times \Phi 60 \times 100$
- Max backform force:71kN
- Table tilting angle: $0^\circ - 90^\circ$
- Rated Power hydraulic station: 5.5KW
- Hydraulic system working pressure: 0~9MPa
- control :manual and automatic





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JD-800-5K aluminum gravity casting machine

Technique parameter

The maximum size mold frame : 800*700

Hoist Cylinder Size : $\Phi 125/\Phi 60-500$

The Maximum Opening/ Clamping Force 85kN/110kN

Max backform force:71kN

Maximum / Minimum Distance Between Top and Bottom
Formwork : 900mm/400mm

Backform Cylinder Size : $\Phi 110/\Phi 50-70$

Back Core pulling cylinder size: $\Phi 100/\Phi 50-150$

side core pulling cylinder size: $\Phi 100/\Phi 50-250$

Table tilting angle: $0^\circ -90^\circ$

Rated Power hydraulic station: 7.5KW

Hydraulic system working pressure: 12MPa

control :manual and automatic





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JD-800-6K aluminum gravity casting machine

Technique parameter

The maximum size mold frame : 800*700*900

Diameter of main cylinder/ Stroke : $\Phi 125/\Phi 60-500$

Diameter of side core pulling cylinder/ Stroke : $\Phi 100/\Phi 50-250$

Diameter of front and back core pulling cylinder/ Stroke :
 $\Phi 100/\Phi 50-200$

The Maximum Opening/ Clamping Force 85kN/110kN

Max Ejection force:71kN

Maximum / Minimum Distance Between the two platen :
400mm/900mm

Diameter of ejection cylinder/ Stroke : $\Phi 125/\Phi 60-100$

Table tilting angle: $0^{\circ} -90^{\circ}$

Motor power: 7.5KW

Hydraulic system working pressure: 12MPa

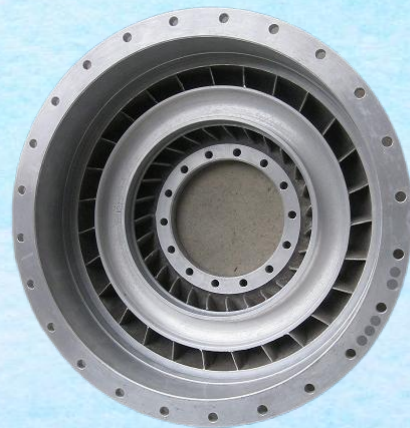
control :manual and automatic





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JD-1000 aluminum gravity casting machine



Technique parameter

The maximum size mold frame 1000x700x600

Maximum clamping force 125KN

Maximum Opening Force 80KN

The minimum height of closed 400

Dynamic Templates stroke 400

Top -core cylinder output 90KN

Table tilting angle $0^{\circ} - 45^{\circ}$

Table tilting speed of $8^{\circ} / S \leq V \leq 4^{\circ} / S$

Rated Power hydraulic station 11KW

Hydraulic system pressure rating 8Mpa

Hydraulic system working pressure 7-10Mpa

control manual and automatic



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JD-1180 aluminum gravity casting machine

Technique parameter

The maximum size mold frame	1100x800x550
Maximum clamping force	201KN
Maximum Opening Force	151KN
The minimum height of closed	450mm
Dynamic Templates stroke	600mm
Top -core cylinder output	154KN
Table tilting angle	0 ° -90 °
Table tilting speed of	8 ° /S ≤ V ≤ 4 ° /S
Rated Power hydraulic station	11KW
Hydraulic system pressure rating	8Mpa
Hydraulic system working pressure	0-10Mpa
control manual and automatic	





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JD-1200 Aluminum gravity casting machine

Technique parameter

The maximum size mold frame : 1200*1200*900

Diameter of main cylinder/ Stroke : $\Phi 140/\Phi 70-550$

The Maximum Opening/ Clamping Force 115kN/153kN

Max Ejection force:115kN

Maximum / Minimum Distance Between the two platen :
350mm/900mm

Diameter of ejection cylinder/ Stroke : $\Phi 140/\Phi 70-70$

Table tilting angle: $0^{\circ} -90^{\circ}$

Motor power: 11KW

Hydraulic system working pressure: 10MPa

control :manual and automatic





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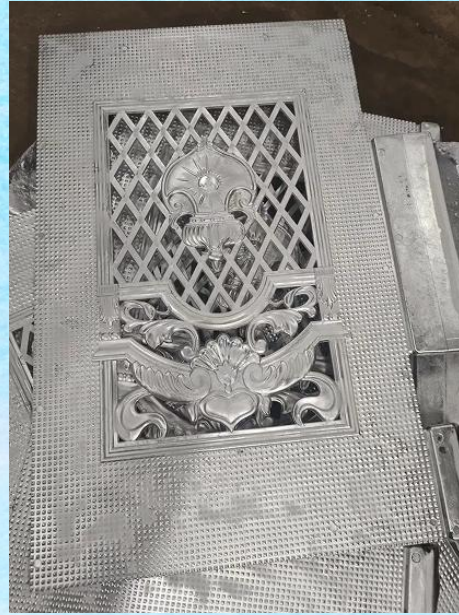
JD-1500 aluminum gravity casting machine





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JD-1800 aluminum gravity casting machine





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JD-600 aluminum gravity casting machine

Technique parameter

The maximum size mold frame : 600*500*450

Diameter of main cylinder/ Stroke : $\Phi 100/\Phi 50-550$

The Maximum Opening/ Clamping Force 32kN/40kN

Max Ejection force:38kN

Maximum / Minimum Distance Between the two platen :
350mm/900mm

Diameter of ejection cylinder/ Stroke : $\Phi 90/\Phi 50-70$

Table tilting angle: $0^{\circ} -90^{\circ}$

Motor power: 3.75KW

Hydraulic system working pressure: 7MPa

control :manual and automatic





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Cylinder head aluminum gravity Casting machine

Technique parameter

The maximum size mold frame : 1200*1300*(450-200)

Diameter of main cylinder/ Stroke : $\Phi 110/\Phi 50-375$

Diameter of side core pulling cylinder/ Stroke : $\Phi 100/\Phi 50-300$

The Maximum Opening/ Clamping Force 120kN/170kN

Max Ejection force:95kN

Maximum / Minimum Distance Between the two platen :
550mm/1300mm

Diameter of ejection cylinder/ Stroke : $\Phi 110/\Phi 50-100$

Table tilting angle: $0^{\circ} -90^{\circ}$

Motor power: 11KW

Hydraulic system working pressure: 10MPa

control :manual and automatic





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Aluminum alloy casting machine for Hanging ring





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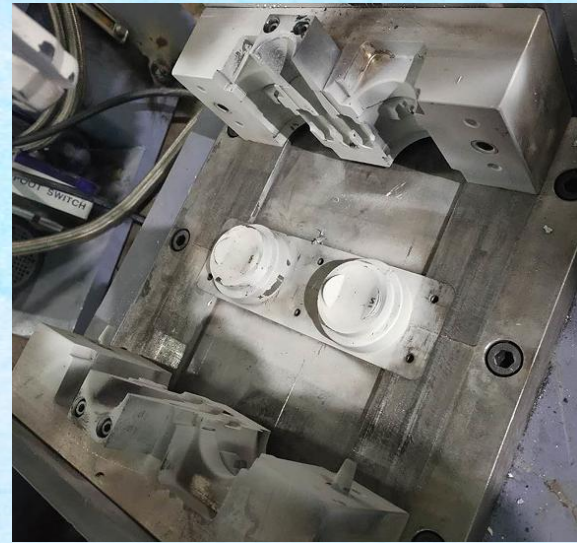
Aluminum alloy casting machine for Wheel





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Piston aluminium alloy casting machine





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50KG Sand Mixing Machine

Technique parameter

Quartz Sand Capacity 50kg

Turns of Speed Gear Machine 116r/min

Diameter of Sphere 600mm

Power of Machine 2.2kw

Net Weight of Machine 425kg

Size of Appearance of Machine(Lx Wx H) (1310x700x1230)mm





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Q324 Crawler shot blasting machine

Technique parameter

A track-side disc diameter : $\Phi 400\text{mm}$

Blasting chamber volume: 40L

Track-side disc revolutions : 3.6rpm / min

Track roller motor power: 0.75kw

Large workpieces to be cleaned most single weight: 5kg

Track roller maximum load (easy to roll artifacts): 50kg

hoist power: 0.75kw

productivity (gray cast) : 200-300kg / h

shot blasting (a): Q024II

Revolutions : 2900r / min

Impeller diameter: $\Phi 260\text{mm}$

Shot volume: 40kg / min

Shot Power : 4kw

dust wind: $2000\text{m}^3 / \text{h}$

ESP Power: 1.1kw

pill sand separator way : winnowing + filter

with a total installed power : 6.6kw

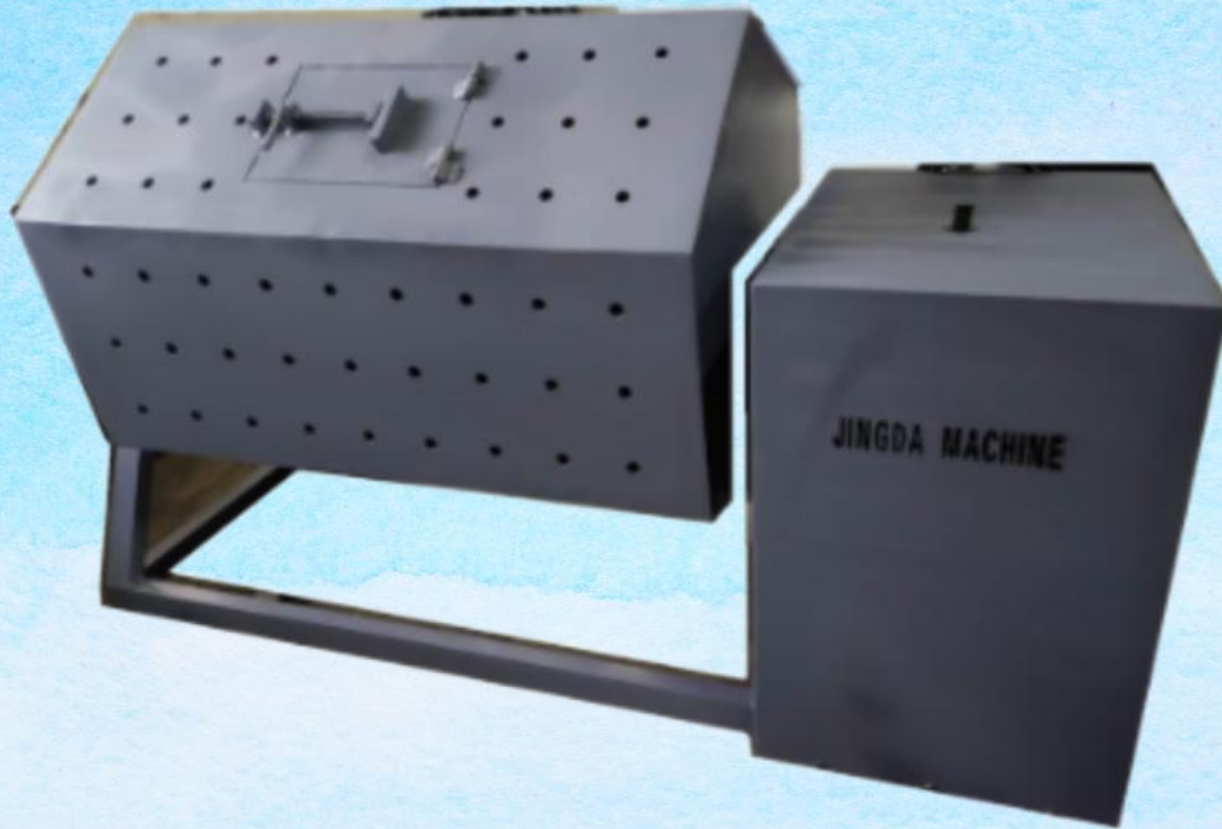
Overall dimensions (length \times width \times height) : 1180mm \times 1000mm \times 2400mm





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Casting for fall the sand machine





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JD-280 Vertical Drilling and Tapping Machine

Technique parameter

Maximum Bore Diameter: 50mm(brass)

Maximum Tapping Diameter: 40mm(brass)

Main Shaft Stroke: 120mm

Main Shaft Motor: 2.2-6kw, 3-4kw

Rotated Speed of Main Shaft(Drilling): 700-1100r/min

Rotated Speed of Main Shaft(Tapping): 380-650r/min

Size of the Machine: 1000mm*700mm*1900mm

Net Weight of the Machine: 850kg





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JD-Z500 Metal Cutting Machine



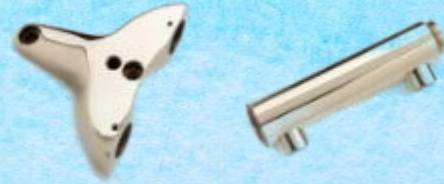
Technique parameter

- Maximum sawing ability: 500 mm
- (2) Maximum working height: 320 mm
- (3) Workbench size: 580mm*700 mm
- (4) Saw blade length: 3930 mm
- (5) Saw blade width: 5~19 mm
- (6) Inclination angle of workbench: 10 deg (front and back), 15 deg (left and right)
- (7) Motor power: 4 HP (stepless speed regulation)
- (8) Saw band speed: 0~1200 r/min
- (9) Welding power: 5 kv
- (10) Welding ability: 5~19 mm
- (11) Machine weight: ~600 kg
- (12) Machine size(L*W*H): 1270mm*890mm*1960mm



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Manual Sand Belt Polishing Machine





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Sand shaker machine

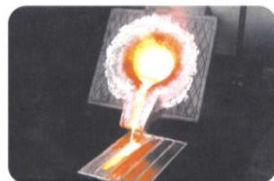




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Medium Frequency Induction Melting Furnace

Kw	V	A	Kw	A	V	T/H	Hz	V	T	KWH/T	
GW-0.01-50/1JJ	60	380	76	50	140	400	0.06	1000	750	0.01	850
GW-0.03-100/1JJ	100	380	160	100	200	500	0.09	1000	750	0.03	850
GW-0.05-100/1JJ	100	380	160	100	200	500	0.12	1000	750	0.05	800
GW-0.08-100/1JJ	100	380	160	100	200	500	0.12	1000	750	0.08	800
GW-0.15-100/1JJ	100	380	160	100	200	500	0.15	1000	750	0.15	820
GW-0.25-160/1JJ	180	380	256	160	320	500	0.24	1000	750	0.25	790
GW-0.5-250/1JJ	280	380	400	250	500	500	0.4	1000	1500	0.5	770
GW-0.75-400/1JJ	400	380	650	400	800	500	0.6	1000	1500	0.75	770
GW-1-500/1JJ	550	380	800	500	1000	500	0.8	1000	1500	1	750
GW-1-750/1JJ	800	380	1200	750	1500	500	0.9	1000	1500	1	720/660
		690	700		850	880		500	2600		
GW-1.5-1000/0.5JJ	1100	690	912	1000	1140	880	1.2	500	2600	1.5	700
GW-2-1500/0.5JJ	1650	690	1360	1500	1700	880	1.7	500	2600	2	675
GW-2-2000/0.5JJ	2200	690	1400	2000	2275	880	1.9	500	2600	2	650
GW-3-2500/0.5JJ	2750	690	2275	2500	2840	880	2.56	500	2600	3	610/560
		950	1700		2080	1250			3200		
GW-5-4000/0.5JJ	4400	690	2300	4000	4540	880	4.5	500	2600	5	





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Mould design





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Aluminum alloy casting process



模具预热 Mold preheating



下芯1 Next core 1



下芯2 Next core 2



合模 Matched molds



浇铸 Casting



倾转进料 Leans changes course the material



开模 Die sinking



顶出 Goes against

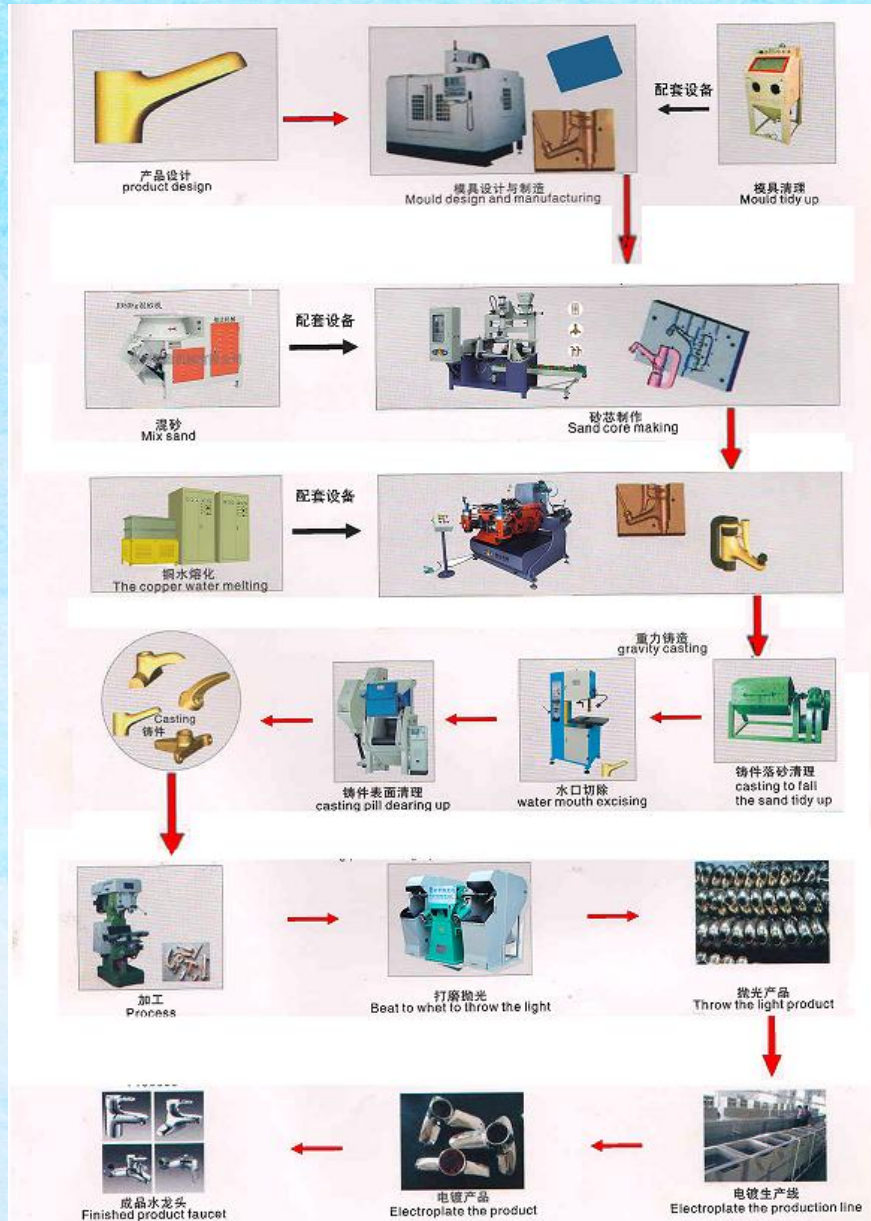


零件 Components



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Faucet body casting process





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