

JINGDA MACHINERY

GRAVITY CASTING AUTOMATION SOLUTIONS

泉州敬达机械有限公司

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JINGDA MACHINERY

GRAVITY CASTING EQUIPMENT AUTOMATION SOLUTION SERVICE PROVIDER

泉州敬达机械-重力铸造设备自动化方案服务商





泉州敬达机械有限公司

Quanzhou Jingda Machinery Co., Ltd.

COMPANY PROFILE

公司简介

GLOBAL SALES NETWORK

全球销售网络



- 俄罗斯 RUSSIA
- 台湾 TAIWANG
- 韩国 KOREA
- 日本 JAPAN
- 菲律宾 PHILIPPINES
- 越南 VIETNAM
- 泰国 THAILAND
- 马来西亚 MALAYSIA
- 美国 AMERICA
- 墨西哥 MEXICO
- 捷克 CZECH REPUBLIC
- 罗马尼亚 ROMANIA
- 塞尔维亚 SERBIA
- 埃及 EGYPT
- 南非 SOUTH AFRICA
- 摩洛哥 MOXROCCO
- 印度 INDIA
- 巴基斯坦 PAKISTAN
- 新加坡 SINGAPORE
- 阿联酋 UNITED ARAB EMIRATES
- 伊朗 LRAN
- 土耳其 TURKEY
- 西班牙 SPAIN
- 意大利 ITALY
- 埃塞俄比亚 ETHIOPIA

2000 年
公司成立
Business Formation

20 多年
行业经验
Industry Experience

20 余个
出口国家
Export countries

泉州敬达机械有限公司成立于 2000 年，是行业内重力铸造设备的先驱供应商之一。我们拥有二十多年的经验，专注于铝合金重力浇铸机、锌合金重力浇铸机、铜合金重力浇铸机、低压铸造机、射芯机、壳芯机、模具开发以及自动化解决方案。

我们的服务包括技术支持、人员培训、自动化解决方案、模具设计和制造以及高品质设备供应。目前已畅销国内地区，出口亚洲/东南亚/南美洲/欧洲等二十余个国家深得客户信赖和支持，年销百台！

我们致力于创新，并提供高效、可靠的解决方案，以满足全球客户的多样化需求。

Quanzhou Jingda Machinery Co., Ltd was founded in 2000 and is one of the pioneering suppliers of gravity casting equipment in the industry. We have over 20 years of experience, specializing in aluminum alloy gravity casting machines, zinc alloy gravity casting machines, copper alloy gravity casting machines, low-pressure casting machines, core shooting machines, shell core machines, mold development, and automation solutions.

Our services include technical support, personnel training, automation solutions, mold design and manufacturing, and high-quality equipment supply. At present, it has been sold well in domestic areas and exported to more than 20 countries in Asia/Southeast Asia/South America/Europe, etc., and has won the trust and support of customers, with annual sales of hundreds of units!

We are committed to innovation and provide efficient and reliable solutions to meet the diverse needs of global customers.



CORPORATE CULTURE 企业文化

自动化重力浇铸成套设备服务商
AUTOMATED GRAVITY CASTING COMPLETE EQUIPMENT SERVICE PROVIDER



ENTERPRISE QUALIFICATION 企业资质



COOPERATIVE PARTNER 合作伙伴



我们的愿景OUR VISION

创新发展，提供智能铸造设备和个性解决方案，与用户朋友们共同携手，铸就未来新篇章！

Innovative development, providing intelligent casting equipment and personalized solutions, working together with users and friends to create a new chapter in the future!



我们的理念OUR PHILOSOPHY

坚持以质量求生存，以科技求发展的宗旨，不断开拓、努力、创新，以塑造卓越的产品，提高公司实力，完备市场体系。

Adhere to the principle of survival through quality and development through technology, constantly explore, strive, and innovate to shape outstanding products, enhance the company's strength, and complete the market system.

KUKA

E6POS
ROBOTIC SOLUTIONS

SHANTUI



ABB

VPIC

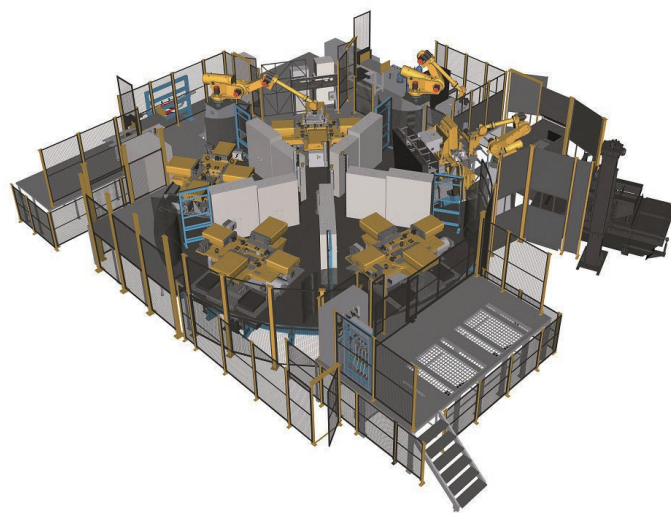
Schneider
Electric
施耐德电气



自动化重力浇铸方案 AUTOMATED GRAVITY CASTING SOLUTIONS

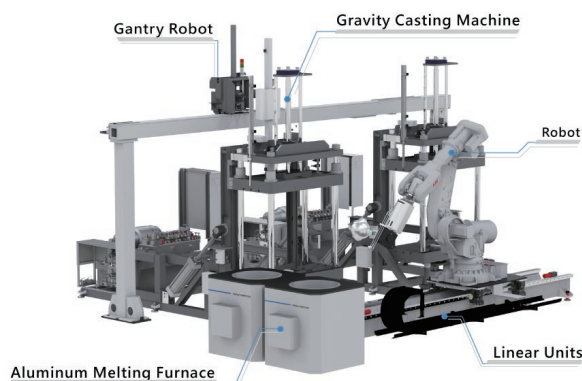
敬达机械-铝合金重力浇铸自动化方案

Jingda Machinery Aluminum Alloy Gravity Casting Automation Solution

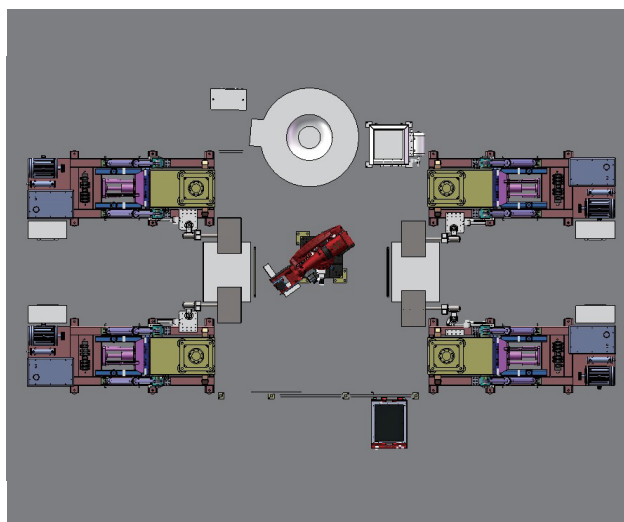
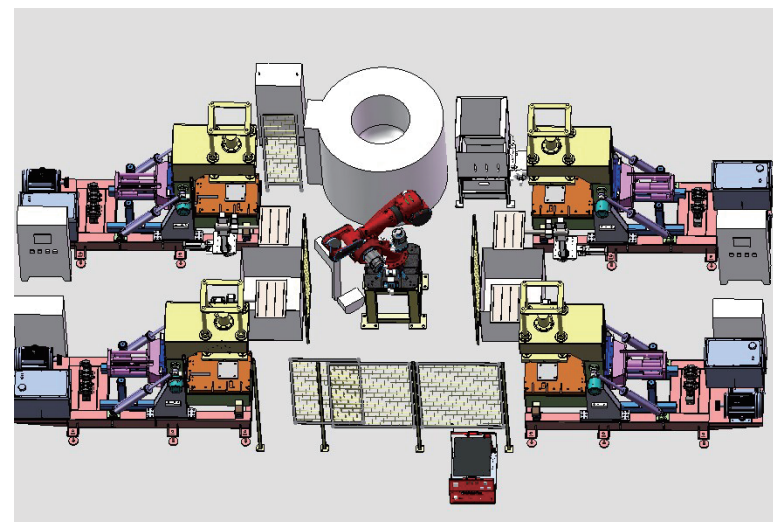
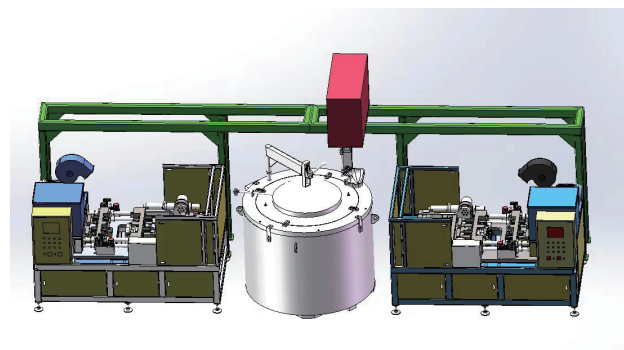
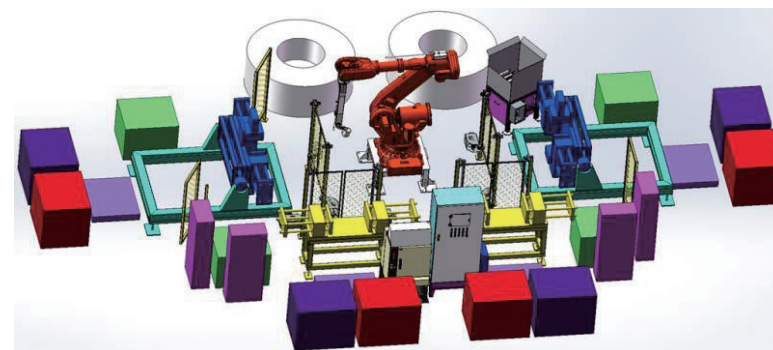


敬达机械致力于为企业提供降本增效，全自动化高效、智能、稳定的自动化生产解决方案。我们的设备结合先进的自动浇铸技术，通过精准控制每一个浇铸环节，确保铸件在密度、强度和外观上达到卓越品质。

Jingda Machinery is committed to providing enterprises with cost reduction and efficiency improvement, fully automated, efficient, intelligent and stable automated production solutions. Our equipment combines advanced automatic casting technology to ensure excellent quality in density, strength and appearance of castings by accurately controlling each casting link.



自动化重力浇铸方案 AUTOMATED GRAVITY CASTING SOLUTIONS



我们带来的价值 / THE VALUE WE BRING



经验成熟，技术领先 Mature experience and leading technology

多年技术积累，确保稳定可靠的浇铸工艺。

years of technology accumulation to ensure stable and reliable casting process.



高效生产，降低成本 Efficient production and cost reduction

减少人工干预，缩短生产周期，节省人工材料费用。

reduce manual intervention, shorten production cycle, and save labor and material costs.



智能监控，品质保障 Intelligent monitoring and quality assurance

全程智能监控，保证每个铸件的精确度与稳定性。

full intelligent monitoring to ensure the accuracy and stability of each casting.



量身定制，灵活应对 Tailor-made and flexible response

☑ 针对不同产品需求，提供专业定制化解决方案。

provide professional customized solutions for different product needs.

铝合金重力浇铸机
ALUMINUM ALLOY GRAVITY CASTING MACHINE

铝合金重力浇铸机
ALUMINUM ALLOY GRAVITY CASTING MACHINE

铝合金翻转重力浇铸机
Aluminum Alloy Tilting Gravity Casting Machine



主要规格和技术参数 / MAIN SPECIFICATION AND TECHNOLOGY PARAMETER

Appellation	JD-600	JD-700	JD-800	JD-1000	JD-1200
The max mould size(mm)	500*500	600*600	700*700	900*900	1200*1200
Open and clamp mould cylinder	Ø125/Ø60-400	Ø125/Ø60-400	Ø125/Ø60-500	Ø140/Ø70-800	Ø160/Ø80-1000
Ejection Cylinder	Ø110/Ø60-70	Ø110/Ø60-70	Ø110/Ø60-70	Ø140/Ø70-70	Ø160/Ø80-100
Maximum Opening/ Clamping Force(KN)	110/140	110/140	110/140	115/153	180/240
Max Ejection force(KN)	80	80	80	115	180
Distance Between the two platen(mm)	250-650	400-800	400-900	400-1000	500-1500
Table tilting angle	0°-90°	0°-90°	0°-90°	0°-90°	0°-90°
Motor power(KW)	3.75	7.5	7.5	11	15
Pump	PV2R1-23	PV2R1-23	PV2R1-23	PV2R2-41	PV2R2-41
Hydraulic system working pressure(Mpa)	0-12Mpa	0-12Mpa	0-12Mpa	0-12Mpa	0-12Mpa
Control	manual /automatic	manual /automatic	manual /automatic	manual /automatic	manual /automatic
Cooling way	Water cooling	Water cooling	Water cooling	Water cooling	Water cooling
Machine size (L*W*H) (m)	3.1*1.3*1.9	2.85*1.4*1.95	3.12*1.44*1.73	2.57*1.28*2.84	3.5*1.58*3.5
Machine weight(KG)	1200	2300	2350	3500	4500



铝合金翻转带抽芯重力浇铸机
Aluminum Alloy Tilting Gravity Casting Machine with Core Pulling



主要规格和技术参数 / MAIN SPECIFICATION AND TECHNOLOGY PARAMETER

Appellation	JD-600-2S-3K 上抽+后抽	JD-700-5K 左右抽+后抽	JD-800-6K 前后抽+左右抽	JD-1000-5K 左右抽+前抽	JD-1300-5K 左右抽+前抽
The max mould size(mm)	500*500	600*600	700*700	900*900	1200*1200
Open and clamp mould cylinder	Ø125/Ø60-370	Ø125/Ø60-400	Ø125/Ø60-500	Ø140/Ø70-600	Ø160/Ø80-900
Ejection Cylinder	Ø110/Ø60-70	Ø110/Ø60-70	Ø125/Ø60-100	Ø140/Ø70-100	Ø160/Ø80-100
Left and Right Core Pulling Cylinders	——	Ø100/Ø50-200	Ø100/Ø50-250	Ø125/Ø60-250	Ø140/Ø70-350
Center Height of Left and Right Core Pulling (mm)	——	180	200	320	450
Maximum Opening/ Clamping Force(KN)	110/140	110/140	110/140	110/150	180/240
Max Ejection force(KN)	80	80	110	110	180
Distance Between the two platen(mm)	330-700	400-800	400-900	600-1200	500-1500
Table tilting angle	0°-90°	0°-90°	0°-90°	0°-90°	0°-90°
Motor power(KW)	5.5	7.5	7.5	11	15
Pump	PV2R1-23	PV2R1-23	PV2R1-23	PV2R2-41	PV2R2-41
Hydraulic system working pressure(Mpa)	0-12Mpa	0-12Mpa	0-12Mpa	0-12Mpa	0-12Mpa
Control	manual /automatic	manual /automatic	manual /automatic	manual /automatic	manual /automatic
Cooling way	Water cooling	Water cooling	Water cooling	Water cooling	Water cooling
Machine size (L*W*H) (m)	3.1*1.3*1.9	3.3*2.22*1.63	3.12*2.7*1.73	2.57*1.28*2.84	3.5*1.58*3.5
Machine weight(KG)	2000	2970	3050	4500	5500



铝合金立式浇铸机
ALUMINUM ALLOY VERTICAL CASTING MACHINE

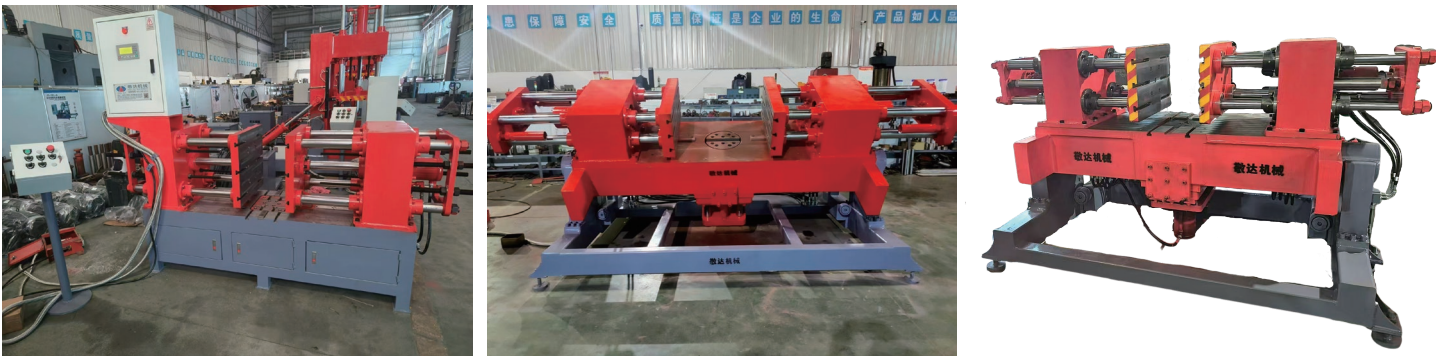


主要规格和技术参数 / MAIN SPECIFICATION AND TECHNOLOGY PARAMETER

Appellation	JDL-700	JDL-800	JDL-1000
模框最大尺寸 Maximum size of mold frame	700*700*800	800*800*900	1000*750*1100
最大合模力 Maximum mold clamping force	60KN	70KN	90KN
最大开模力 Maximum mold opening force	80KN	90KN	120KN
开合模油缸opening&clamping Mould cylinder	Ø100/Ø50-300	Ø125/Ø60-/500	Ø125/Ø60-750
动模板最大行程 Maximum stroke of moving platen	300-700	500-800	300-1000
最大顶模力 Max Ejection force(KN)	80KN	90KN	120KN
液压站额定功率 Rated power of hydraulic station	5.5KW-4级	5.5KW-4级	7.5KW-4级
液压系统压力 Hydraulic system pressure	12Mpa	10Mpa	10Mpa
液压系统工作压力 Hydraulic system working pressure	0-12Mpa	5.5-10Mpa	5.5-10Mpa
控制方式 Control method	手动/自动 Manual, Automatic	手动/自动 Manual, Automatic	手动/自动 Manual, Automatic
机器尺寸 Machine size	2450*1220*2500	2550*1200*2650	2700*1190*2950
机器重量 Machine weight	2800KG	3200KG	3800kg



铝合金卧式重力浇铸机
ALUMINUM ALLOY HORIZONTAL GRAVITY CASTING MACHINE



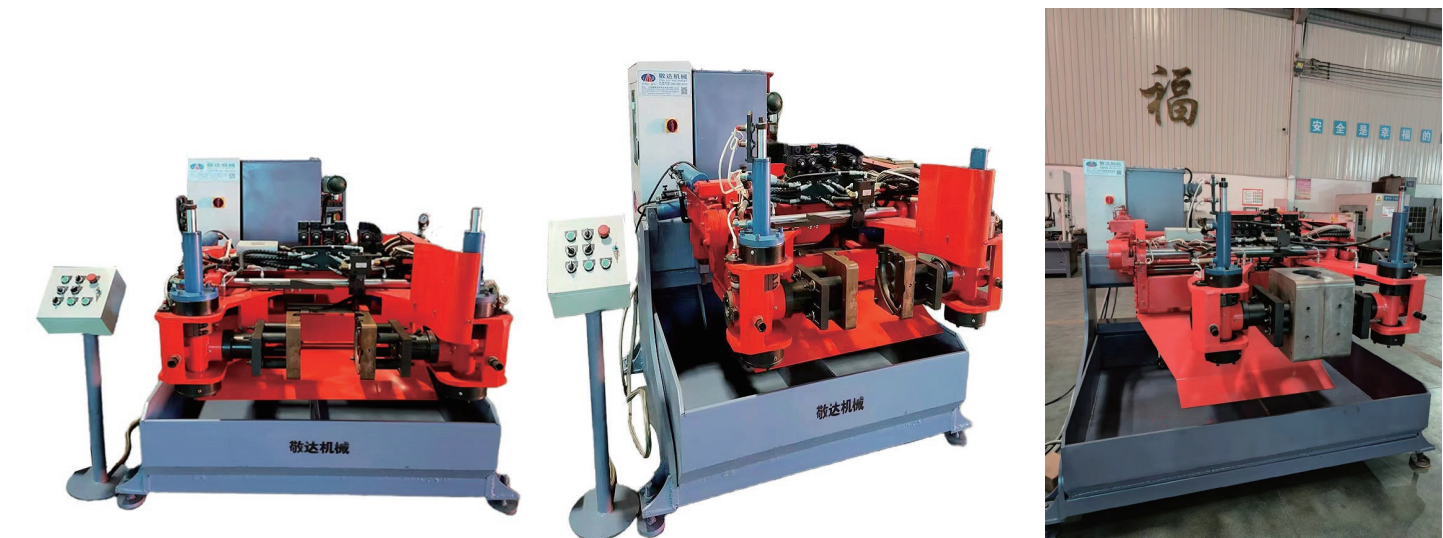
主要规格和技术参数 / MAIN SPECIFICATION AND TECHNOLOGY PARAMETER

Appellation	JDW-600	JDW-700	JDW-800
模框最大尺寸 Maximum size of mold frame	600*500*900	700*500*900	800*600*900
最大合模力 Maximum mold clamping force	78KN	85KN	147KN
最大开模力 Maximum mold opening force	58KN	41KN	113KN
开合模油缸Mould opening&clamping cylinder	Ø125/Ø60-/400	Ø125/Ø70-/450	Ø140/Ø70-500
动模板最大行程 Maximum stroke of moving platen	300-700	300-900	350-950
最大顶模力 Max Ejection force(KN)	78KN	85KN	113KN
液压站额定功率 Rated power of hydraulic station	7.5KW	7.5KW	7.5KW
液压系统压力 Hydraulic system pressure	10Mpa	10Mpa	10Mpa
液压系统工作压力 Hydraulic system working pressure	0-10Mpa	5.5-10Mpa	6.3-10Mpa
控制方式 Control method	手动/自动 Manual, Automatic	手动/自动 Manual, Automatic	手动/自动 Manual, Automatic
机器尺寸 Machine size	2800*600*1900	2900*700*2100	3000*850*2200
机器重量 Machine weight	2800KG	3200KG	3800kg



铜合金重力浇铸机
BRASS GRAVITY CASTING MACHINE

壳芯机
SHELL CORE MACHINE



主要规格和技术参数 / MAIN SPECIFICATION AND TECHNOLOGY PARAMETER

Appellation	JD-500	JD-700	JD-800
模具最大轮廓直径 Maximum mould contour diameter	Φ500 mm	Φ700 mm	Φ800 mm
模具最大重量 Maximum mold weight	150 kg	180 kg	200 kg
模具备最大间离 Maximum distance of mold platen	510mm	700mm	780mm
最大合模行程 Maximum clamping stroke	270mm	271mm	300mm
侧浇注角度范围 Angle range of side casting	0°-90°	0°-90°	0°-90°
前浇注角度范围 Angle range of front casting	0°-110°	0°-110°	0°-110°
模具泡水角度范围 Angle range of mold immersion	0°-90°	0°-90°	0°-90°
液压系统压力 Hydraulic system pressure	50-70bar	50-70bar	50-70bar
电机Motor power	5.5KW	5.5KW	5.5KW
电源 Power	three phase/380V/50Hz	three phase/380V/51Hz	three phase/380V/52Hz
油箱容积 Oil tank capacity	220L	100L	220L
设备净重 Net Weight of Machine	2000kgs	2001kgs	1545kgs
设备外形尺寸 Size of Appearance of Machine(L*W*H)	1650*2300*1720mm	2100*2244*1600mm	2000*2244*1750



主要规格和技术参数 / MAIN SPECIFICATION AND TECHNOLOGY PARAMETER

Appellation	JD-700	JD-800	JD-900	JD-1200
Mould platen rotating cylinder	Ø80/Ø40	Ø80/Ø40-200	Ø90/Ø45-550	Ø90/Ø45-800
Mould platen rotating mechanism	Gear tooth arrangement mechanism	Gear tooth arrangement mechanism	Gear tooth arrangement mechanism	Gear tooth arrangement mechanism
Mould opening&clamping cylinder	Ø90/Ø45-550	Ø90/Ø45-600	Ø110/Ø50-500	Ø140/Ø70-900
The max mould size(mm)	700*460	880*700	900*660	1200*1000
Distance between two mould platen	550-1000	300-900	560-1060	400-1200
Motor power	5.5kw	5.5kw	7.5kw	11kw
Volume of the sand hopper	30KG	60KG	40KG	60KG
Upper storage capacity of sand hopper	200KG	100KG	300KG	350KG
Oil tank capacity	80L	100L	120L	120L
work Atmospheric pressure	7bar	7bar	7bar	7bar
Hydraulic system work pressure	10Mpa	10Mpa	10Mpa	10Mpa
Type of sand	Coated resin sand	Coated resin sand	Coated resin sand	Coated resin sand
Heating method	Electric heating	Electric heating	Electric heating	Electric heating
Control method	Manual,/Automatic	Manual,/Automatic	Manual,/Automatic	Manual,/Automatic
Size of Appearance of Machine(L*W*H)	2400*460*2800	2150*700*2850	2500*660*2700	4000*1000*4000
Sand hopper sliding air cylinder	Shenzhou pneumatic	Shenzhou pneumatic	Shenzhou pneumatic	Shenzhou pneumatic
Head up and down air cylinder	Shenzhou pneumatic	Shenzhou pneumatic	Shenzhou pneumatic	Shenzhou pneumatic
Sand closing air cylinder	Shenzhou pneumatic	Shenzhou pneumatic	Shenzhou pneumatic	Shenzhou pneumatic



射芯机
CORE SHOOTING MACHINE

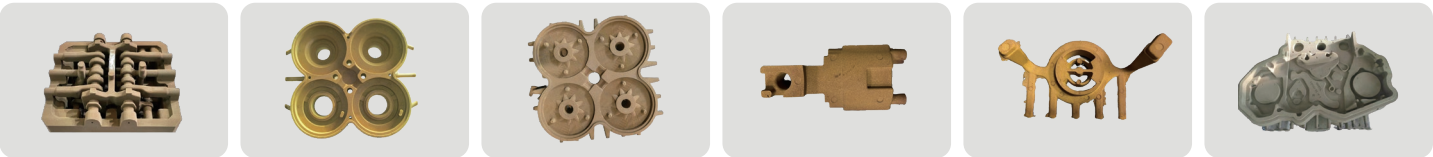


主要规格和技术参数 / MAIN SPECIFICATION AND TECHNOLOGY PARAMETER

Appellation	JD-600	JD-700	JD-800
Maximum sand core weight	10KG	15KG	20KG
Max core box size (L × W × H)	(530*480*280)mm	(650*650*370) mm	(740*740*570) mm
Maximum distance between table and shot	70-50mm	70-150mm	(70-250) mm
Shot head left and right stroke	125mm	125mm	125mm
Maximum distance between the top and bottom of the table	700mm	770mm	1150mm
Effective compression force under the shot head	4900N	15700N	—
Maximum effective clamping force of the vertical gripper	2300N	2300N	2300N
Maximum clamping stroke of vertical clamp	250mm	400mm	250mm
Compressed air pressure	(0.45-0.7) Mpa	(0.45-0.7) Mpa	(0.6-0.8) Mpa
Sand hopper volume	(90*2) kg	(120*2) kg	(150*2) kg
Consumption of free air	0.1m ²	0.1m ²	0.1m ²
Net weight of the machine	1.2T	1.4T	1.6T
Installation capacity of electrical equipment	6.4KW	6.4KW	6.4KW
Machine external dimensions (L*W*H)	(1600*860*2100) mm	(1780*930*2500) mm	(2100*1200*2900) mm

电气配置 / ELECTRICAL CONFIGURATION

序号 No	配件名称 Name	品牌 Brand
1	开关电源AC contactor	明纬MEAN WELL
2	交流接触器Proximity switches	施耐德Schneider
3	中间继电器Intermediate relay	旺荣WRG
4	气缸Air cylinder	神州气动SNZ
5	电磁阀Solenoid valve	拓牌VEC
6	变压器Transformer	天正Tengen



低压铸造机
LOW PRESSURE CASTING MACHINE

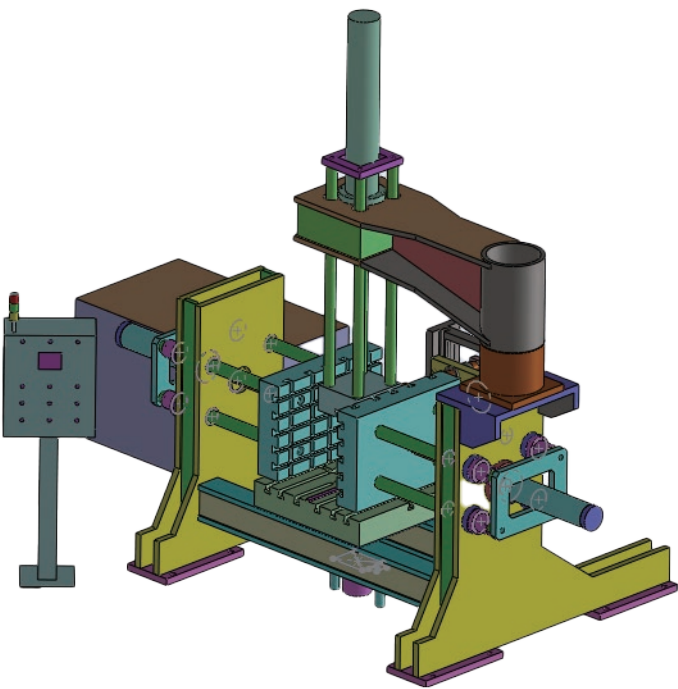


主要规格和技术参数 / MAIN SPECIFICATION AND TECHNOLOGY PARAMETER

Appellation	JD451	JD452	JD455	JD458
保温炉容量 Furnace Capacity(kg)	150	200	500	800
模具尺寸:长x宽x高 Mold size Length width height	600X400X400	700X600X450	800X800X500	1000X1000X500
水平开模缸:数量方 Horizontal opening cylindert	2 / 3-	2/ 3 / 4	2/ 3 / 4	2/ 3 / 4
缸径/杆径:mm Bore/rod diameter	100/50	125/63	125/70	125/70
行程:mm Stroke	200	250	300	350
中心高(可调) Center height(can be adjusted)	110	130	150	160
合模缸:缸径/杆径mm Center height:bore/rod diameter	125/70	125/70	140/80	140/80
合模缸:行程 mm Closing cylinder:stroke	500	600	800	1000
液压系统:压力mpa流量L/min Hydraulic systemPressure Flow	12/63	12/63	12/63	12/83
压缩空气: mpa Compressed air	06	06	06	06
电量:kw Power	30	40	50	60
机械重量:T Power	~6	~8	~10.5	~15



铝合金龙门浇铸机
UNIVERSAL ALUMINIUM GRAVITY DIE CASTING MACHINE



主要规格和技术参数 / MAIN SPECIFICATION AND TECHNOLOGY PARAMETER

最大开模尺寸Max opening horiz	1000 mm
最大开口垂直度Max opening vert.	1130 mm
工作台倾转角度Tilt Angle of the work table	0-45°
顶模行程Upper table stroke	150 mm
动静模板间最小距离Minimumstroke of moving plate	400 mm
动静模板间最大 Maximum stroke of moving plate	700mm
控制方式Control method	手动，自动Manual, Automatic
电机功率(KW)Motor power	7.5KW
液压系统工作压力 Hydraulic system working pressure	0-12Mpa

其他设备
OTHER EQUIPMENT



震砂机
SHOCK SAND MACHINE



混砂机
SAND MIXING MACHINE

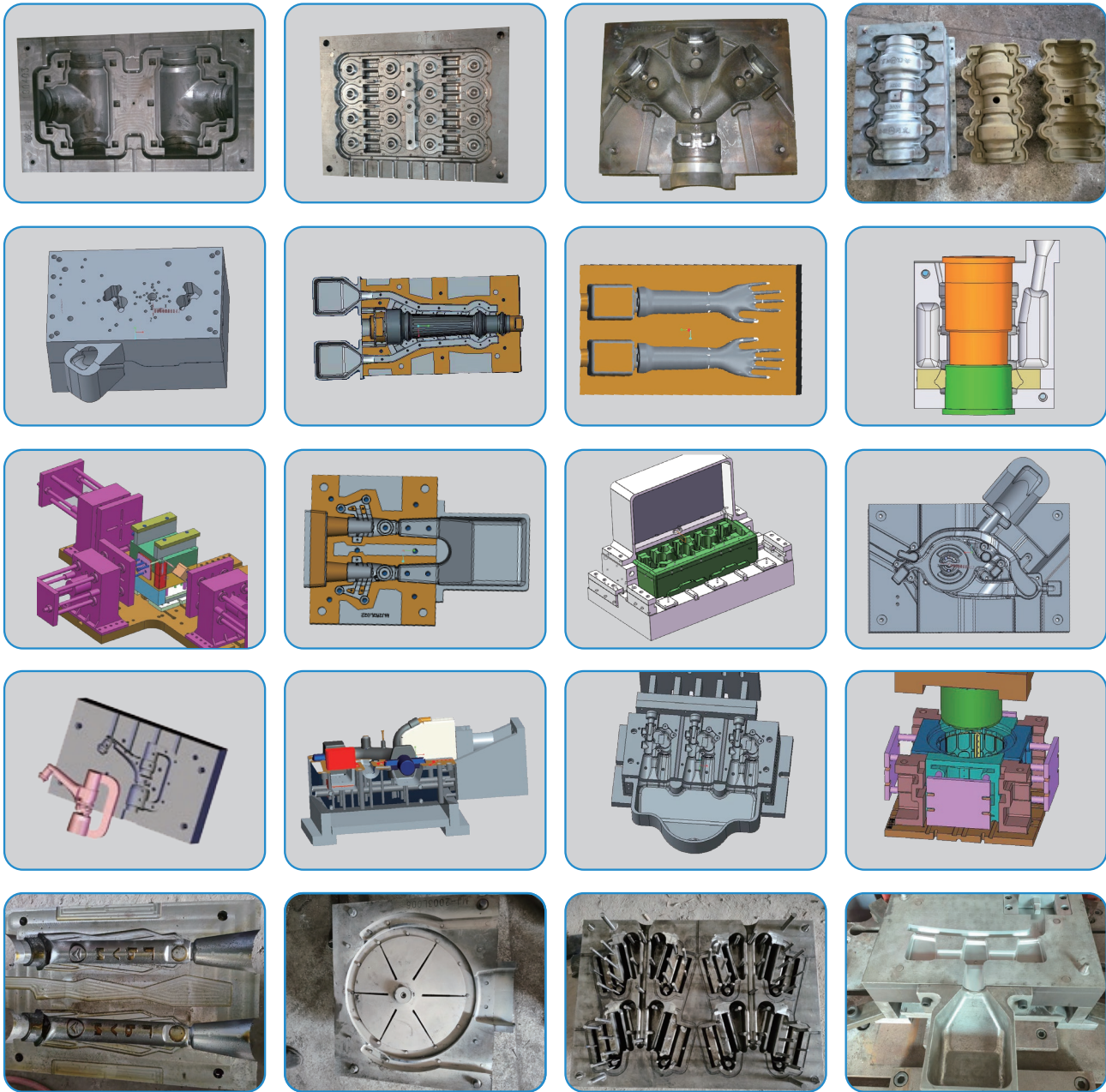


立式带锯床
VERTICAL BAND SAW



熔铝炉
FURNACE

• 模具开发&制作 / MOULD DESIGN & PRODUCTION



• 模流 / MOLD FLOW



铝合金铸件
ALUMINUM ALLOY CASTINGS

钥匙工程
KEY PROJECT



敬达机械提供一整套钥匙工程
Jingda Machinery provides a complete set of key projects



- 01 需求分析 Consultation & Requirement Analysis
- 02 方案设计 Solution Design
- 03 设备制造 & 试模 Manufacturing & Trial Casting
- 04 设备交付 & 安装调试 Delivery, Installation & Commissioning
- 05 操作培训 & 技术支持 Training & Technical Support
- 06 持续服务 & 维护支持 After-Sales Service & Maintenance



为什么选择我们的“钥匙工程”？
Why choose our 'Key Project'?



一站式交付
One stop delivery
从方案到生产线搭建，
全程无忧

From the plan to the construction of the production line, worry free throughout the entire process



试模验证
Trial model verification
确保铸件质量，
降低生产风险

Ensure casting quality and reduce production risks



快速投产
Rapid production
技术支持培训即可生产，
提高效率

Technical support training enables production and improves efficiency

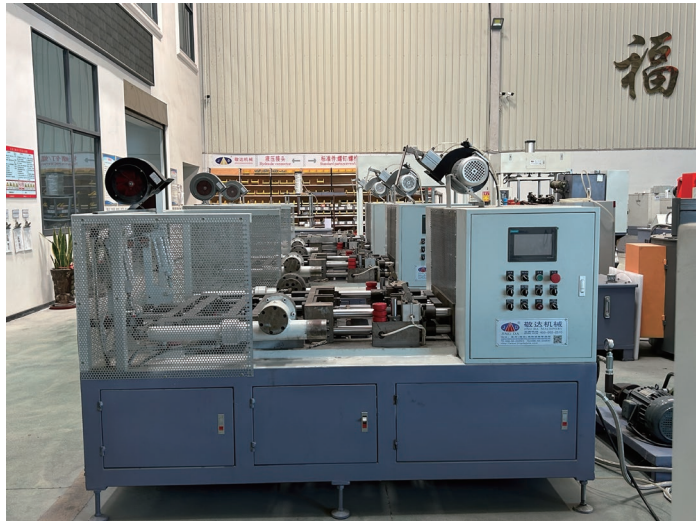


持续支持
Continuous support
专业团队售后无忧，
铸造更高效

Professional team ensures worry free after-sales service and more efficient casting

定制设备案例
CUSTOMIZED EQUIPMENT CASE

敬达机械专注于智能化铸造设备的研发与制造，致力于为全球客户提供高效、稳定的重力浇铸解决方案，让企业降本增效，让铸造变得更轻松简单。



定制设备案例
CUSTOMIZED EQUIPMENT CASE

Jingda Machinery specializes in the research and manufacturing of intelligent casting equipment, committed to providing global customers with efficient and reliable gravity casting solutions. Our mission is to enhance productivity, reduce costs, and simplify the casting process for enterprises worldwide.

