佛山市精泰机械制造有限公司
FOSHAN JINGTAI MACHINERY MANUFACTURE CO.,LTD.

金沥品牌
追求卓越
铸就辉煌

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JLM 金沥机械
JINLI MACHINERY

提高产量　稳定高效　节能环保　精度更高

专业铸造品质·服务创造未来
Profession makes quality · Service creates future

JLM 金沥机械
JINLI MACHINERY

公司简介
Company Profile

佛山市精泰机械制造有限公司（原金沥机械）成立于1995年，是一家集科研、生产、销售、服务于一体的铝型材挤压机生产厂家。本公司拥有多台欧洲进口的重型加工设备，采集先进的欧洲设计理念，结合现代化生产管理，逐步发展成为中国铝型材挤压机生产龙头企业。本公司生产的铝型材挤压机其机械性能，液压系统，电气控制设计着重于自动化，节能、智能。凭着25年技术经验的积累，秉着客户至上的原则，我司生产的铝型材挤压机引领着中国智造走向国际市场。现产品80%供应国内市场，20%远销美国、俄罗斯、黎巴嫩、埃及、埃塞尔比亚、摩洛哥、阿尔及利亚、突尼斯、肯尼亚、沙特、伊朗、约旦、利比亚、印度、马来西亚、印尼、泰国、缅甸、巴西、委内瑞拉、哥斯达黎加等国家。目前服务客户累计超过900家，年产值超过2亿。

Foshan Jingtai Machinery Manufacture Co., Ltd. (former Jinli Machinery) was established in 1995. It is an aluminum extrusion machine manufacturer integrating scientific research, production, sales and service. The company has many heavy-duty processing equipment imported from Europe, collects advanced European design concepts, and combines with modern production management, and gradually develops into a leading aluminum extrusion machine manufacturer in China. The mechanical properties, hydraulic system and electrical control design of the aluminum profile extrusion machine produced by our company focus on automation, energy saving and intelligence. With the accumulation of 25 years of technical experience and the principle of customer supremacy, the aluminum extrusion machine produced by our company leads China's intelligent manufacturing to the international market. 80% of the current products are supplied to the domestic market, and 20% are exported to the United States, Russia, Lebanon, Egypt, Ethiopia, Morocco, Algeria, Tunisia, Kenya, Saudi Arabia, Iran, Jordan, Libya, India, Malaysia, Indonesia, Thailand, Myanmar, Brazil, Venezuela, Costa Rica and other countries. At present, there are more than 900 service customers and the annual output value exceeds 200 million.

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JINLI MACHINERY

实力展示
Company Show

综合办公大楼 | Comprehensive office building

前台 | Front desk

办公室 | Office

加工车间 | Processing workshop

组装车间 | Assemble workshop

配件车间 | Accessories workshop

加工设备
Processing Equipment

先进的生产环境和现代化的生产设备，是实施高品质的硬件保障。精泰机械不断加大投入，形成了规模庞大的产能和集中高、尖、精设备的一体化硬件群。

大型精密卧式镗床
Large precision horizontal boring machine

大型精密卧式镗床
Large precision horizontal boring machine

大型立式车床
Large precision vertical lathe

CNC数控机床
CNC machine

JLM 金沥机械 JINLI MACHINERY

The advanced production environment and modern production equipment are the guarantee of implementing high-quality hardware. Jingtai Machinery has continuously increased investment, forming an integrated hardware group with large-scale production capacity and centralized high-end, sophisticated and sophisticated equipment.

CNC深孔钻
Deephole drilling machine

CNC加工中心
CNC maching center

车床
Lathe machine

大型卧式车床（加工工件长超过10米）
Large horizontal lathe (Capacity machining length more than 10 meters)

镗床
Boring machine

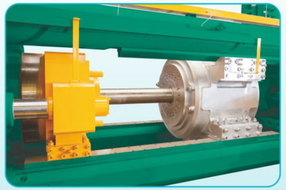
钻床
Drilling machine

长行程铝材挤压机
Long-stroke Aluminum Extrusion Press

产品优势 Advantage

- 技术成熟。
- 运行稳定。
- 易于操作与维护。
- 方形剪刀设计不仅提高了剪切精度和稳定性，并且使剪刀缸和压余组件的安装和维护更方便。
- 预应力导柱结构大大降低挤压变形弹性，提高精度和稳定性。
- 自动换模装置，节省换模时间。
- Mature technology.
- Stable performance.
- Easy operate & maintain.
- Square type shear rod design not only increase the shear accuracy & stability but also makes the installation and maintenance of the butt-knocker assembly & shear rod more convenient.
- Pre-stressed tie rod structure makes the elastic deformation of the extrusion is greatly reduced and improve the accuracy and stability.
- Automatic die changing device saves time for die changing.

剪切机构装置 | Shear system



预应力套 | Pre stressed sleeve

自动换模装置 | Automatic die changer

液压系统 | Hydraulic system

短行程前上棒铝材挤压机
Short-stroke Front Loading Aluminum Extrusion Press

产品优势 Advantage

- 非挤压时间更短，产量更高。
- 铝棒机械手采用伺服电机控制，使进棒速度更快，精度更高更稳定。
- 盛定筒加热管采用直接加热式，加热效率更高加热时间更短。
- 短行程移动挤杆挤压机比传统长行程铝材挤压机使用铝棒长度长30%，轻松挤压接驳棒，废品率降低25%-30%。
- 使用液压油容量减少，降低了生产成本，节能环保。

- Shorter dead circle time, higher production efficiency.
- Aluminum billet loader adopts servo-motor control, makes the feeding action faster, more accurate & reliable.
- Container heating type adopts insert heater direct heating, thermal efficiency is better and heating time will be faster.
- The aluminum billet length for short-stroke aluminum extrusion press is 30% longer than the conventional long-stroke aluminum extrusion press, easy extrude the joint- billet, 25%-30% reduction in scrap rate.
- Required hydraulic oil volume be reduced, lower production cost, energy-saving & environmental friendly.

操作台 | Control table

上棒系统 | Billet loading system

盛锭保温座 | Container holder

液压系统 | Hydraulic system

液压系统 | Hydraulic system

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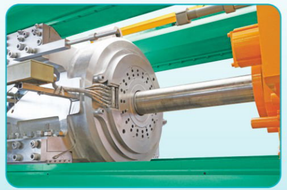
短行程移动挤杆铝材挤压机
Short-stroke Moving Stem Aluminum Extrusion Press

产品优势 Advantage

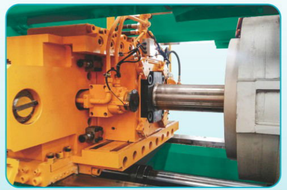
- 非挤压时间更短，产量更高。
- 铝棒机械手采用伺服电机控制，使进棒速度更快， 精度更高更稳定。
- 盛定筒加热管采用直接加热式，加热效率更高加热时间更短。
- 短行程移动挤杆挤压机比传统长行程铝材挤压机使用铝棒长度长30%，轻松挤压接驳棒，废品率降低25%-30%。
- 使用液压油容量减少，降低了生产成本，节能环保。
- 对铝棒的精度要求较低，可以适用热锯的铝棒。

- Shorter dead circle time, higher production efficiency.
- Aluminum billet loader adopts servo-motor control, makes the feeding action faster, more accurate & reliable.
- Container heating type adopts insert heater direct heating, thermal efficiency is better and heating time will be faster.
- The aluminum billet length for short-stroke aluminum extrusion press is 30% longer than the conventional long-stroke aluminum extrusion press, easy extrude the joint- billet, 25%-30% reduction in scrap rate.
- Required hydraulic oil volume be reduced, lower production cost, energy-saving & environmental friendly.
- Not require high precision aluminum billet, sawed billets are acceptable.



盛锭保温座 | Container holder

上棒系统 | Billet loading system



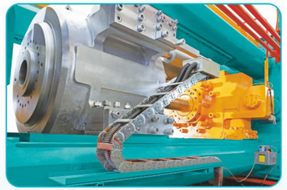
移动挤干座 | Moving stem

力士乐DFEN节能变频系统
Rexroth DFEN Energy Saving System

产品优势 Advantage

- 降低能源消耗，减少噪音，组装更简易。通过降低泵的驱动速度，从而达到更好的冷却效果。变量泵驱动能更明显的减少由冷却液压系统所产生的热量，降低生产成本和能源消耗。
- Reduced energy consumption, lower noise emission, and easier installation and commissioning. Easier cooling by lowering the average pump drive speed, variable-speed pump drives can significantly reduce gernerated heat, minimizing the cost and energy required to cool the hydraulic system.

轴向柱塞泵 | Axial piston pump

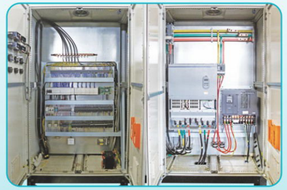


四点定位系统 | Four-point positioning

滑模座 | Die sliding system

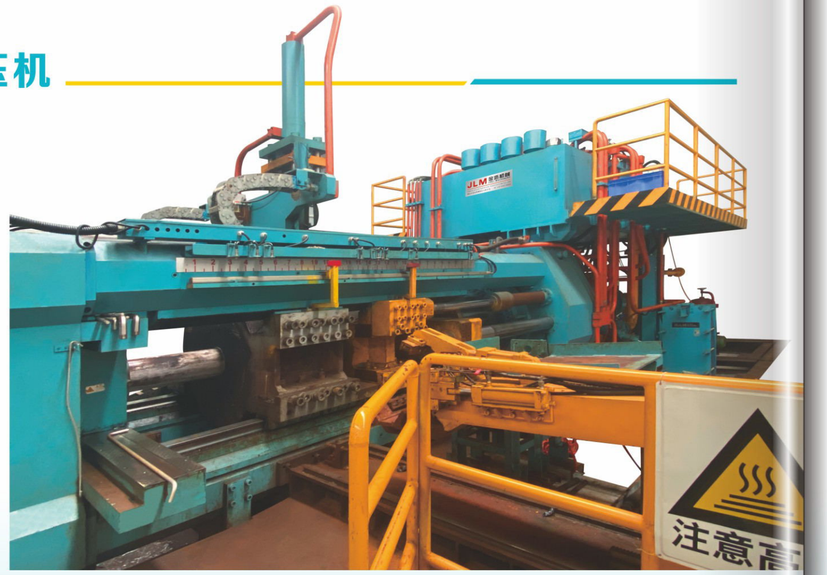
液压系统 | Hydraulic system

液压系统 | Hydraulic system



电柜 | Electric cabinet

铝型材无缝管双动挤压机
Double Action Extrusion Press (Indirect Extrusion)



产品优势 Advantage

- 间接挤压适用于生产硬质合金零件，如运输设备零部件材料。由于间接挤压可以在挤压过程中使盛锭桶和挤压杆同时运动，从而实现盛锭桶和铝棒之间最小摩擦的均匀金属流动。
- Indirect extrusion is suitable for production of hard alloy parts, such as materials of components for transportation equipment. Since indirect extrusion enables simultaneous movements of the container and the stem during extrusion, it realizes uniform metal flow with minimal friction between the container and the billet.

铝型材无缝管 | Seamless pipe

铝型材无缝管 | Seamless pipe

铝型材无缝管 | Seamless pipe

JLM 金沥机械 JINLI MACHINERY

技术服务
Technical Services

售后

在竞争中领先一步
One step ahead of the competition

为客户提供上门安装调试，挤压机操作和维护培训，时刻跟踪每台设备售后使用情况，故障分析，维修指导。

Provide on-site installation and commission service to customers, extrusion press operation & maintenance training. Follow up the use performance , failure analysis & maintenance guidance after sale.

品质

专业技术团队
Professional technical team

精泰技术人员占总人数的35%，精泰员工精心打造每一台金沥牌挤压机，严格把关每一个零部件，追求安装精度，研发创新与时俱进。

Jingtai technical personnel about 35% of the total number. Jingtai employees carefully build up each JLM brand extrusion press, strictly control every component, pursue the installation accuracy, R & D innovation keeps pace with the times.

保障

永续备件供应
Sustainable spare parts supply

为每个客户建立图纸档案管理，永续备件供应，库存量大，发货迅速，保质保量。

Establish drawing file management for each customer, sustainable spare parts supply, large inventory, rapid delivery, pursue quality & quantity.

发展

客户技术培训
Technical training for customer

精泰机械愿意与客户探讨技术专业知识。培训客户员工提高对我司产品性能认知度，提供挤压机使用建议，工艺建议，提高产品生产率，携手客户企业共同发展！

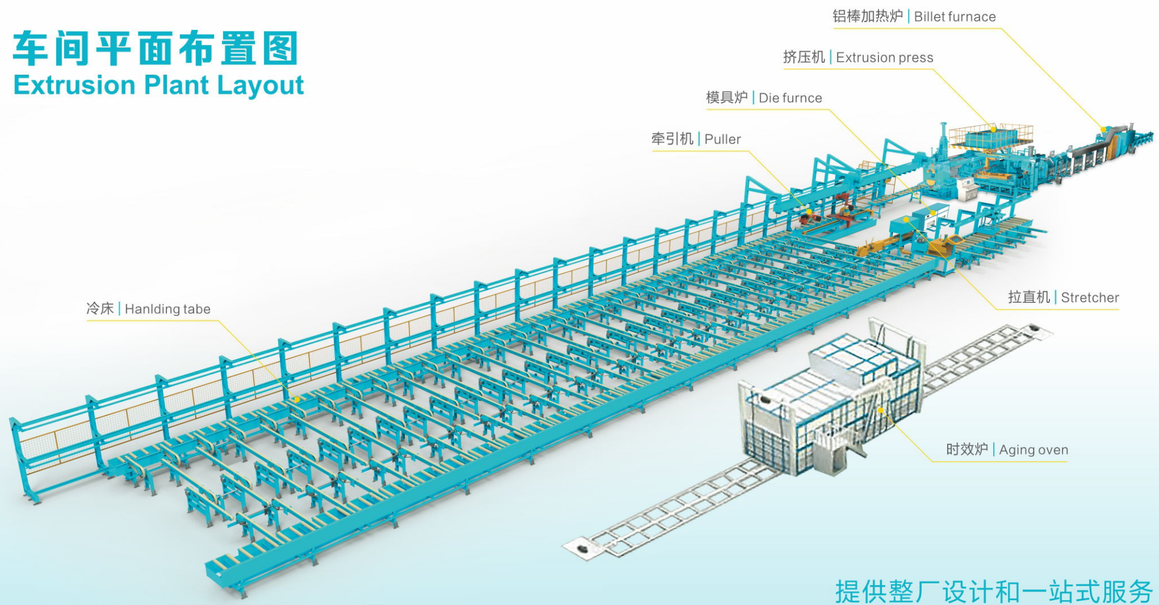
Jingtai Machinery is willing to share technical knowledge with customers. Train customers' s technicians to improve their awareness of the performance of our products, provide advice on the use of the extrusion press, provide process suggestions to help the customers improve product productivity, and work together with customers to develop together!

金沥挤压机技术参数
Technical Parameters of JLM Extrusion Press

挤压机型号 (公吨) Tonnage	铝棒尺寸 (毫米) Billet size (mm)	柱塞直径 (毫米) Piston diamater (mm)	系统压力 Working pressure (MPA)	模座尺寸 (毫米) Die stack size (mm)	出料口尺寸 (毫米) Discharge hole size (mm)	总功率 Total power (KW)	重量 (吨) Weight (Ton)	备注 Remark
650MT	90	580	22	220x240	120x150	125	28	
750MT	100	600	22	220x240	120x150	125	32	
900MT	110	650	22	240x240	155x180	182	48	
1100MT	127	750	22	280x278	165x200	195	62	
1100MT	127	700	26	250x280	155x180	195	55	
1100MT	127	750	22	280x278	165x200	195	66	短行程 Short stroke
1100MT	127	700	26	280x278	150x180	195	58	短行程 Short stroke
1450MT	152	870	22	350x350	200x250	350	85	
1450MT	152	800	26	350x350	200x250	350	78	
1450MT	152	800	26	350x350	180x230	350	82	短行程 Short stroke
1800MT	178	900	26	380x422	210x280	480	115	
1800MT	178	900	26	380x422	210x280	480	120	短行程 Short stroke
2200MT	203	1000	26	450x400	330x250	480	145	短行程 Short stroke
2600MT	228	1080	26	460x460	350x290	656	200	短行程 Short stroke
3100MT	254	1100	26	550x580	330x450	656	220	短行程 Short stroke
3600MT	280	1250	26	650x615	440x300	656	320	短行程 Short stroke
4500MT	305	1350	28	600x650	480x330	1200	380	
4800MT	330	1420	28	650x650	580x360	1200	400	
5200MT	330	1450	28	750x720	580x400	1200	420	短行程 Short stroke
5500MT	380	1520	26	800x800	650x450	1200	450	短行程 Short stroke

以上参数仅供参考，具体请参考实际生产情况。
Above parameter is for reference only,and subject to change according to actual product or actual specification.

车间平面布置图
Extrusion Plant Layout



提供整厂设计和一站式服务
Provide whole plant design and one-stop service