

*为了优化，技术参数调整以万格士实际产品为准，恕不另行通知
For optimization purposes, technical parameters are subject to actual WANGESHI products without prior notice.

WAN 万格士®
GE SHI

佛山市南海万格士机械设备有限公司
Foshan Nanhai Wangeshi Machinery Equipment Co.,Ltd.

电话 / TEL: 0757-85513911
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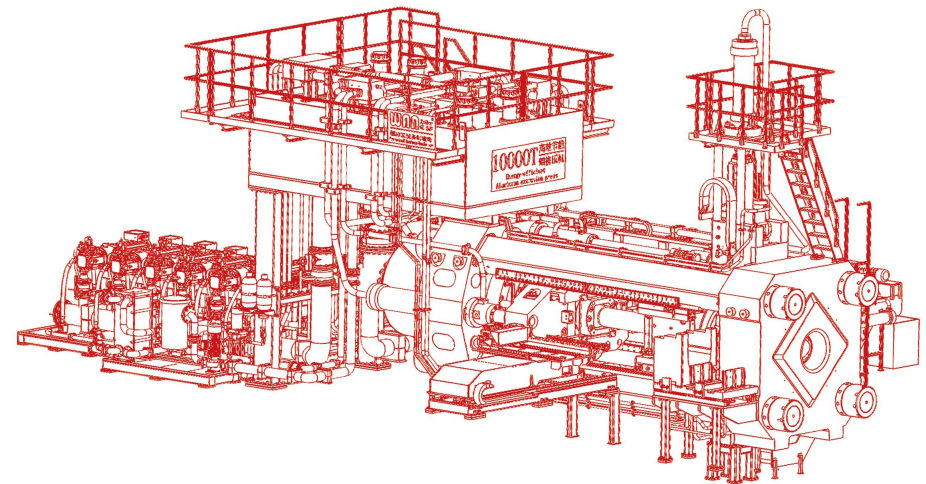
佛山欧达士机械设备有限公司
Foshan Oudashi Machinery Equipment Co.,Ltd.

电话 / TEL: 0757-81825888
官网 / WEB: www.outashi.com

WAN 万格士®
GE SHI

挤压机

ADVANCED EXTRUSION PRESS
WANGESHI CHINA



www.wangeshi.com

WAN 万格士®
GE SHI

「打造国际品牌」

TO BUILT AN INTERNATIONAL BRAND

WAN 万格士®
GE SHI

PREFACE

序言

万格士机械在铝材行业积累了20多年的实践经验，拥有一支匠心技术骨干团队，精挑细琢，精益求精，不断专研与改进技术，成功自主研发出一种新型高端的铝挤压机，具有高效节能的优点。我司生产的挤压机采用卧式三梁四柱预应力组合框架结构，高强度的金属材料，高精度的加工技术，从而使挤压机框架达到高精度高强度的状态；其次通过伺服电机控制系统直接驱动油泵，并配置世界先进的电气系统和液压控制元件，使挤压机的速度更平稳，实现恒速挤压和段速挤压。

With more than 20 years of practical experience in the aluminium industry, WANGESHI Machinery has a team of skilled technicians, who are dedicated to the research and improvement of technology, and have successfully designed an advanced high-end aluminium extrusion press with the advantages of high efficiency and energy saving. Our extrusion machine adopts horizontal three-beam and four-column pre-stressed frame structure, high-strength metal materials and high-precision processing technology, thus making the extrusion frame reach a high precision and high-strength state; secondly, the servo motor control system directly drives the oil pump and is equipped with the world's advanced electrical systems and hydraulic control components, making the speed of the extrusion machine more stable and achieving constant and segmental extruding speed.

ABOUT US

关于我们

万格士机械位于广东省佛山市南海区大沥镇—铝材之都，立足于行业20年，是一家集研发、设计、生产、组装、销售铝材设备于一体的企业。下辖一家铝材挤压子公司-佛山欧达士机械设备有限公司，总部位于佛山三水，产业布局全球，并以国际化思维及全球化视野进行延伸发展。

人才兴企，铸就品牌。自成立以来，公司围绕建立现代企业机制，通过持续实施引智工程，逐步建立起一支稳定的高素质技术水准专业团队。人才战略，为公司的超常规发展注入了强劲的后发优势。



WANGESHI Machinery is located in Dali Town, Nanhai District, Foshan City, Guangdong Province, an aluminium capital, based on the industry for 20 years, is an aluminium equipment enterprise of R&D, design, production, assembly and sales, managing an aluminium extrusion subsidiary - Foshan oudashi Machinery Equipment Co., Ltd. which is headquartered in Sanshui, Foshan, with a global industrial layout, an international mindset and global vision for extended development.

Talented people build up the enterprise and create the brand. Since its establishment, the company has built up a stable team of highly qualified technical professionals through the continuous implementation of intellectual attraction projects around a modern enterprise mechanism. The talent strategy has injected a strong advantage for the company's extraordinary development.

20年+

20年行业经验
20+ years of industry experience

公司专注于有色金属挤压，铝挤压整线、断桥隔热铝型材三大领域的产品、技术和提供服务，包括但不限于二步法穿条机，三步法穿条机，PA66尼龙隔热条生产线，木纹转印炉，模具炉，单棒热剪（锯）炉，多棒热剪（锯）炉，时效炉，冷床，双头牵引机，三头牵引机，水淬火，挤压机等高端铝材设备。

目前公司有实力生产600T-25000T铝挤压整线等系列产品，为客户提供一站式采购服务，助力客户在市场上更具竞争力与优势，赢得更多的市场与发展，我司将不忘初心坚持使命，继续开发出更具优势的产品，为力争国际市场而乘风破浪。

300+

300+员工
300+ employees

WANGESHI focuses on the provision of products, technologies and services in the three major fields of non-ferrous metal extrusion, aluminium extrusion line and thermal insulation aluminium profiles, including but not limited to two-step and three-step thermal break assembly machine, PA66 nylon thermal insulation strip production line, wood grain transfer furnace, mould furnace, single billet furnace with hot shearing (sawing), multi-billet furnace with hot shearing (sawing), aging furnace, handling table, double-head puller, three-head puller, quenching system, extrusion press, etc.

5

5个生产基地
5 production bases

At present, the company has the strength to produce 600T-25000T aluminium extrusion line and other series of products, providing customers with one-stop procurement services and helping customers in the market to be more competitive and advantageous. In order to strive for the international market and ride the wave, our company will not forget the original intention to adhere to the mission, continue to develop more advantageous products.



工艺设计
Process Design



产品研发
R&D



产品生产
Product Production

APPLICATION FIELD

应用领域

汽车轻量化、新能源汽车、航天航空、军工、门窗、幕墙、轨道交通
Automotive lightweight, new energy vehicles, aerospace, military, doors and windows
curtain walls, rail transit



新能源汽车
New Energy
Vehicles



太阳能光伏
Solar Photovoltaic



军事工业
Military Industry



航天
Aerospace



航空
Aviation



门窗
Doors and Windows



铁路运输
Rail Transportation



其它
More

R&D

研发

我司研发中心团队专注于铝型材机械设备的新材料和新技术的研发、设计和分析。针对客户的不同技术要求，提供从产品配置到生产落地的一站式服务。

截止目前，工程中心已获得12项实用新型和6项发明专利授权。

我司注重研究开发成果的转化，将专利技术应用到铝型材挤压系列设备中，制造的设备可以应用于新能源汽车、太阳能光伏、军工、航天航空等高端铝型材和民用材行业。



12 项
实用新型专利授权
Utility model patent

6 项
发明专利授权
Invention patent

Our R & D center team focuses on the research and development, design and analysis of new materials and new technologies for machinery equipment. According to the different technical requirements of customers, we provide one-stop service from product configuration to production landing.

Up to now, the engineering Center has obtained 12 utility model and 6 invention patents.

Our company pays attention to the transformation of research and development results, and applies patented technology to aluminum extrusion series equipment. The equipment manufactured can be applied to new energy vehicles, solar photovoltaic, military, aerospace and other high end aluminum civil aluminum industry.



先进的加工设备

ADVANCED PROCESSING EQUIPMENT



为了强化产品的技术研发和创新的物质基础，工程中心配备了直径8m立式数控车床，直径5m立式数控车床，200立式数控镗铣床，160立式数控镗铣床，130镗铣床，宽5m*长32m大型龙门加工中心，1600mm*1300m卧式车床，850mm*600m卧式车床，7132平面磨床，钻床φ80，铣床φ50，数控车床（卧式），北一立铣400K，普通车床（卧式），普通铣床（卧式），北一大立铣320K等多台先进的机械

In order to strengthen the material basis for product technology development and innovation, the engineering centre is equipped with 8m diameter vertical CNC lathe, 5m diameter vertical CNC lathe, 200 vertical CNC boring and milling machine, 160 vertical CNC boring and milling machine, 130 boring and milling machine, 5m wide * 32m long large gantry machining centre, 1600mm * 1300m horizontal lathe, 850mm * 600m horizontal lathe, 7132 Surface grinding machine, drilling machine(φ80), milling machine(φ50), CNC lathe (horizontal), Beiyi 400K vertical milling machine, normal lathe (horizontal), normal milling machine (horizontal), Beiyi 320K vertical milling machine and many other advanced machining equipment.

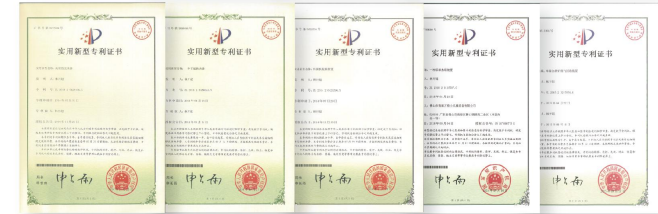
HONOR

企业荣誉



- 国家高新技术企业
- 细分行业龙头企业
- “专精特新”中小企业
- 铝加工突出贡献奖
- 中国铝业协会会员单位
- 铝材设备卓越品牌奖
- 广东省守合同重信用企业
- 中国铝加工行业（挤压机辅助设备）优秀供应商
- 年度十佳厂商
- 中国名优品牌
- 广东省最佳诚信企业
- 质量技术先进单位
- 全国产品质量稳定合格企业
- 中国质量500强
- 质量标杆活动先进单位
- 行业质量诚信示范单位
- 用户满意企业
- National high-tech enterprise
- Subdivided industry leading enterprise
- Specialized characteristics of small and medium-sized enterprise
- Outstanding Contribution to Aluminum Processing Award
- Member of China Aluminum Association
- Outstanding Brand Award for Aluminum Equipment
- Creditable Enterprise of Guangdong Province
- Outstanding Supplier of Aluminum Processing Industry (Extruder Auxiliary Equipment) in China
- Top Ten Manufacturer of the Year
- China Famous Brand
- Best Integrity Enterprise in Guangdong Province
- Advanced Quality and Technology Unit
- National Product Quality Stability Qualified Enterprise
- China Top 500 Quality Enterprise
- Advanced Unit of Quality Benchmarking Activities
- Industry quality and integrity demonstration unit
- Enterprise that customer is satisfied with

拥有多项专利技术 PATENTS



国际认证 INTERNATIONAL CERTIFICATION



TECHNICAL STRENGTH

技术优势



高精度

HIGH PRECISION

设计-我司技术团队有着几十年的机械设计经验,由多位机械工程师、电气工程师、液压工程师、自动化工程师组成。他们总结了国内外技术优缺点,重新开发出更加适合时代发展的设备。首创高精度700T挤压机(固定挤压头),通过合理的机械设计以及配备的高精度组装零件,我司设备挤压机速度稳定,误差控制在±0.03mm/s。

加工-主要的机械部件都是自主加工,机械加工人员拥有超过30年的加工经验,同时生产基地配备有大型CNC机加工设备,可满足600T-25000T有色金属挤压设备锻件的配套加工。

检测-材质的达标问题是衡量设备优劣的重要因素,我司生产的零件全部经过严格的检测,防止尺寸不合格,存在误差。

组装-我司组装人员有着丰富的安装经验,零件经过严格检验,去毛刺,试装后才会进行正式的组装。

调试-设备组装好后在公司试运行并测试各个指标是否合格,其中前梁、导柱、后梁、主缸的各方面数据合格后方可送至客户要求的安装地点。

Our technical team has decades of experience in mechanical design and consists of a number of mechanical engineers, electrical engineers, hydraulic engineers and automation engineers. They have summarized the advantages and disadvantages of domestic and foreign technology and redeveloped the equipment to be more suitable for the development of the times. Pioneering high-precision 700T extrusion press (fixed dummy block), through rational mechanical design and high-precision assembly parts, our machines have a stable extrusion speed with an error control of ±0.03mm/s.

Processing-Main mechanical components are processed independently, and the processing personnel have over 30 years of processing experience. The production base is also equipped with large CNC machining equipment, which can meet the matching the requirement of processing forgings for 600T-25000T non-ferrous metal extrusion equipment.

Testing - The issue of material standards is an important factor in measuring the performance of the equipment, our parts are all subject to strict testing to prevent unqualified dimensions and errors.

Assembly - Our assembly personnel have rich experience in installation, and the parts are strictly inspected, deburred and trial assembled before they are formally assembled.

Commissioning - After the equipment is assembled, it is tested in our company to see if all indicators of parts are qualified, including the front platen, tie rod, back platen and the main cylinder, before it is sent to the installation site requested by the customer.

50^{KWH}



高效率

HIGH EFFICIENCY

每吨铝材
可以节省50度电左右

During extrusion, we can save about 50 degrees of electricity for each ton of aluminum profile.

在设计制造挤压机时,我们从软件和硬件两个维度提出了高要求,有效减少了设备的非挤压时间,可以提高30%的产量。

When designing and manufacturing the extrusion machine, we have set high requirements in both software and hardware dimensions, which effectively reduces the dead time of the machine and can increase the output by 30%.



低能耗

ENERGY CONSERVATION

通过优化设计和引进先进的机电技术,万格士挤压整线的能耗大大降低,较业内目前的平均水平,每吨铝材可以节省50度电左右。

Through optimal design and the introduction of advanced mechanical and electrical technology, compared with the current average level of the industry, the energy consumption of the whole extrusion line of WANGESHI is greatly decreased. During extrusion, we can save about 50 degrees of electricity for each ton of aluminum profile.



PRODUCT INTRODUCTION

产品介绍

「为客户提供一站式采购服务
助力客户在市场上更具竞争力与优势」

Providing customers with one-stop procurement services and helping customers
in the market to be more competitive and advantageous.

wan 万格士®
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技术参数

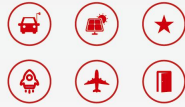
TECHNICAL PARAMETER

机型 / Model	铝棒尺寸 / Billet Size	出料口尺寸 / Outlet Size
700T	Ø100/650mm	Ø130/150mm
1100T	Ø127/800mm	Ø160/180mm
1250T	Ø135/900mm	Ø170/210mm
1500T	Ø152/900mm	Ø180/220mm
1800T	Ø178/1000mm	Ø210/250mm
2000T	Ø178/1100mm	Ø230/300mm
2500T	Ø203/1200mm	Ø250/350mm
2750T	Ø228/1200mm	Ø300/400mm
3000T	Ø254/1300mm	Ø330/450mm
3600T	Ø305/1400mm	Ø330/450mm
4000T	Ø320/1400mm	Ø350/450mm
4500T	Ø330/1450mm	Ø380/550mm
5000T	Ø355/1500mm	Ø420/550mm
5500T	Ø381/1600mm	Ø450/600mm
6000T	Ø381/1600mm	Ø480/600mm
7500T	Ø432/1700mm	Ø500/750mm
9000T/10000T	Ø483/1800mm	Ø580/800mm
11000T	Ø508/2000mm	Ø650/900mm
12500T	Ø559/2200mm	Ø750/1100mm
15000T/16000T	Ø610/2400mm	Ø850/1200mm
17500T/18000T	Ø660/2500mm	Ø950/1300mm
22500T/23500T	Ø762/2600mm	Ø1050/1500mm
25000T	Ø813/2800mm	Ø1150/1800mm

*可根据客户要求更改 Can be changed according to customer request

700T

固定挤压头挤压机
700T Extrusion Press With
Fixed Dummy Block



产品概况

PRODUCT PROFILE

结构 / Structure: 长行程后上料 (600T-1100T)
Long-stroke back-loading

铝棒尺寸 / Billet size: Ø100/650mm

出料口尺寸 / Outlet size: Ø130/150mm

挤压材料 / Material: 铝合金、铜合金和镁合金 (管、棒、型材) Aluminium, copper and magnesium alloys (tubes, bars and profiles)

挤压结构和工艺 (可选) / Extrusion structure and process (optional):

可根据客户产品特点, 设计短行程前上棒、短行程后上棒、长行程后上棒结构、正、反向和单动、双动挤压工艺
According to the characteristics of products, we can design short-stroke front-loading, short-stroke back-loading or long-stroke back-loading structure, direct or indirect extrusion and single action or double action extrusion process.

地址: 广东省佛山市三水区乐平镇三水工业园创新大道西8号

Address: 8 West Innovation Avenue, Sanshui Industrial Zone, Leping Town, Sanshui District, Foshan City, Guangdong Province



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配置 ADVANTAGES

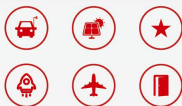
- 固定挤压头
Fixed dummy block
- 液氮冷却装置
Liquid nitrogen cooling device
- 伺服电机系统
Servo motor system
- 模具加热装置
Mould heating device
- 前梁带凸台
Front platen convex
- 电动调节模具装置
Mould adjustable electrical device
- 平移机械手
Billet Loader
- 主剪配耐磨硬轨
Main shear with wear-resistant guide rails
- 快换挤压杆
Quick change extrusion stem
- 无焊接油管
Weldless oil pipes
- 一键式换挤压筒
Quick change extrusion container (one click)
- 前梁软管少
Front platen with few hoses
- 防震锚固装置
Anchor device (to prevent strong vibration)
- 分散式油路块
Distributed oil circuit blocks
- 挤压筒快速冷却系统
Extrusion container air cooling device
- 液压油加热系统
Hydraulic oil heating system

供应商 SUPPLIER



1500T

高效节能挤压机
1500T Energy-efficient
Extrusion Press



产品概况

PRODUCT PROFILE

结构 / Structure: 短行程前上料或后上料(1500T-25000T)
Short-stroke front-loading or back-loading

铝棒尺寸 / Billet size: Ø152/900mm

出料口尺寸 / Outlet size: Ø180/220mm

挤压材料 / Material: 铝合金、铜合金和镁合金 (管、棒、型材) Aluminium, copper and magnesium alloys (tubes, bars and profiles)

挤压结构和工艺 (可选) / Extrusion structure and process (optional):

可根据客户产品特点, 设计短行程前上棒、短行程后上棒、长行程后上棒结构、正、反向和单动、双动挤压工艺

According to the characteristics of products, we can design short-stroke front-loading, short-stroke back-loading or long-stroke back-loading structure, direct or indirect extrusion and single action or double action extrusion process.

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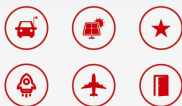
- 前梁带凸台
Front platen convex
- 固定挤压头
Fixed dummy block
- 防震锚固装置
Anchor device (to prevent strong vibration)
- 液氮冷却装置
Liquid nitrogen cooling device
- 电动模座微调装置
Mould adjustable electrical device
- 伺服电机移动挤压杆
Moving extrusion stem (servo motor)
- 前梁软管少
Front platen with few hoses
- 液压油加热系统
Hydraulic oil heating system
- 伺服电机系统
Servo motor system
- 平移机械手
Billet Loader
- 挤压筒快速冷却装置
Extrusion container air cooling device
- 模具加热装置
Mould heating device
- 主剪配耐磨硬轨
Main shear with wear-resistant guide rails
- 无焊接油管
Weldless oil pipes
- 分散式油路块
Distributed oil circuit blocks

供应商 SUPPLIER



3600T

高效节能挤压机
3600T Energy-efficient
Extrusion Press



产品概况

PRODUCT PROFILE

结构 / Structure:	短行程后上料(1250T-6000T) Short-stroke back-loading
铝棒尺寸 / Billet size:	Ø305/1400mm
出料口尺寸 / Outlet size:	Ø330/450mm

挤压材料 / Material: 铝合金、铜合金和镁合金 (管、棒、型材) Aluminium, copper and magnesium alloys (tubes, bars and profiles)

挤压结构和工艺 (可选) / Extrusion structure and process (optional):

可根据客户产品特点, 设计短行程前上棒、短行程后上棒、长行程后上棒结构、正、反向和单动、双动挤压工艺
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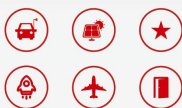
- 伺服电机系统
Servo motor system
- 快换挤压杆
Quick change extrusion stem
- 模内剪
Bolster shear
- 垂直锁模油缸
Vertical mould-locking cylinder
- 液氮冷却装置
Liquid nitrogen cooling device
- 模具位置电动微调装置
Mould adjustable electrical device
- 无焊接油管
Weldless oil pipes
- 分散式油路块
Distributed oil circuit blocks
- 固定挤压头
Fixed dummy block
- 一键式换挤压筒
Quick change extrusion container (one click)
- 防震锚固装置
Anchor device (to prevent strong vibration)
- 油缸自动锁模座
Cylinder driven automatic mould clamping seat
- 模具加热装置
Mould heating device
- 主剪配耐磨硬轨
Main shear with wear-resistant guide rails
- 前梁软管少
Front platen with few hoses
- 液压油加热系统
Hydraulic oil heating system

供应商 SUPPLIER



6000T

高效节能挤压机
6000T Energy-efficient
Extrusion Press



产品概况

PRODUCT PROFILE

结构 / Structure:	短行程后上料 Short-stroke back-loading
铝棒尺寸 / Billet size:	∅381/1600mm
出料口尺寸 / Outlet size:	∅480/600mm

挤压材料 / Material: 铝合金、铜合金和镁合金 (管、棒、型材) Aluminium, copper and magnesium alloys (tubes, bars and profiles)

挤压结构和工艺 (可选) / Extrusion structure and process (optional):

可根据客户产品特点, 设计短行程前上棒、短行程后上棒、长行程后上棒结构、正、反向和单动、双动挤压工艺
According to the characteristics of products, we can design short-stroke front-loading, short-stroke back-loading or long-stroke back-loading structure, direct or indirect extrusion and single action or double action extrusion process.

地址: 广东省佛山市三水区乐平镇三水工业园创新大道西8号

Address: 8 West Innovation Avenue, Sanshui Industrial Zone, Leping Town, Sanshui District, Foshan City, Guangdong Province



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微信公众号

配置 ADVANTAGES

- 伺服电机系统
Servo motor system
- 快换挤压杆
Quick change extrusion stem
- 模内剪
Bolster shear
- 垂直锁模油缸
Vertical mould-locking cylinder
- 液氮冷却装置
Liquid nitrogen cooling device
- 模具位置电动微调装置
Mould adjustable electrical device
- 无焊接油管
Weldless oil pipes
- 分散式油路块
Distributed oil circuit blocks
- 固定挤压头
Fixed dummy block
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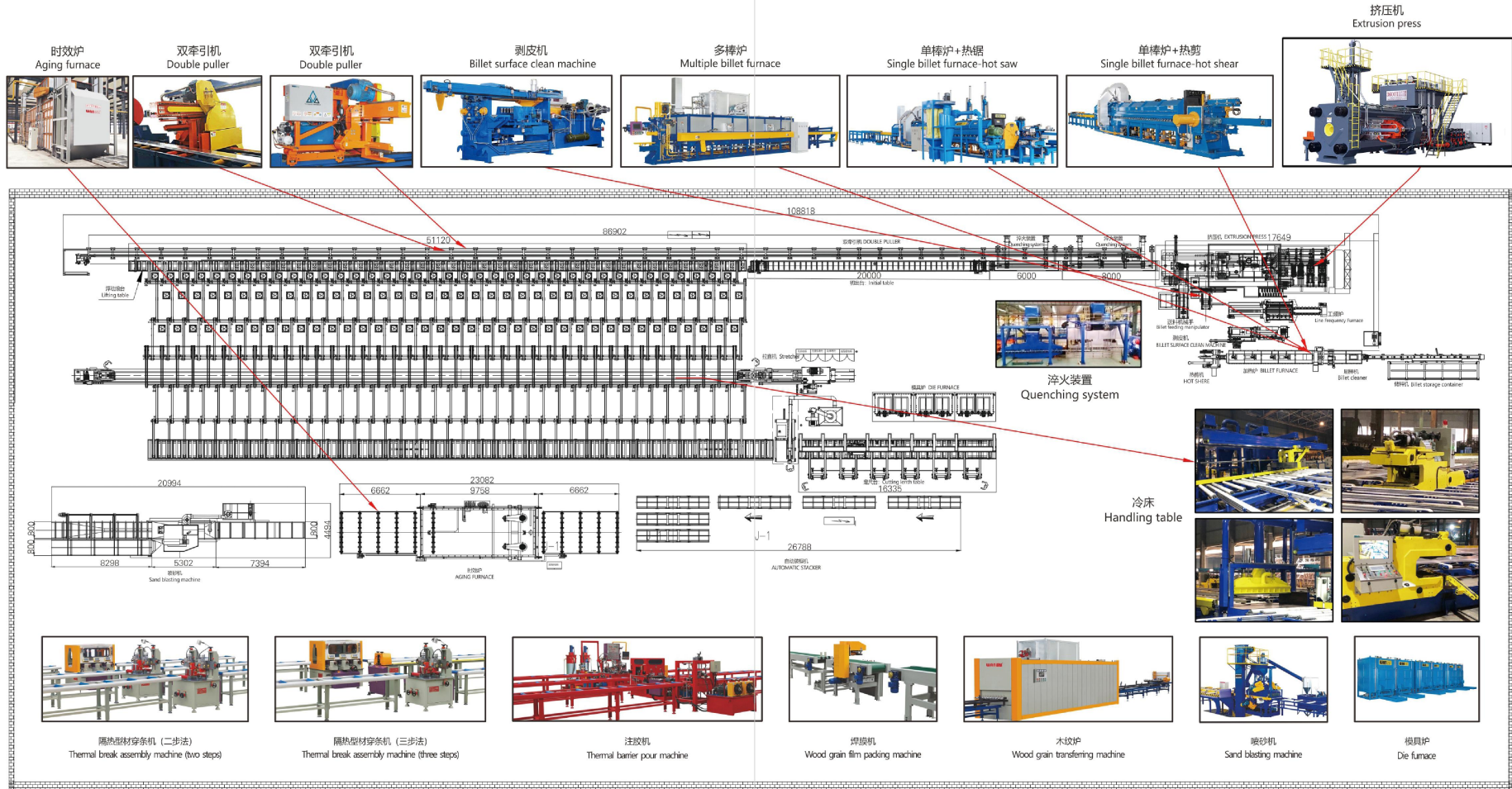
供应商 SUPPLIER



CORPORATE BUSINESS

铝挤压整线 Aluminum Extrusion Complete Line

公司产品



AROUND THE WORLD

万格士畅销全球



产品出口到以下国家

Exported to
following countries



美国
USA



土耳其
Türkiye



也门
Yemen



巴西
Brazil



德国
Germany



斯里兰卡
Sri Lanka



巴基斯坦
Pakistan



乌克兰
Ukraine



加拿大
Canada



叙利亚
Syria



亚美尼亚
Armenia



澳大利亚
Australia



韩国
South Korea



俄罗斯
Russia



乌兹别克斯坦
Uzbekistan



泰国
Thailand



墨西哥
Mexico



约旦
Jordan



沙特阿拉伯
Saudi Arabia



利比亚
Libya



马来西亚
Malaysia



越南
Vietnam



埃及
Egypt



印度尼西亚
Indonesia