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国家高新技术企业  
The national high-tech enterprise



ISO9001:2015 认证企业  
ISO9001:2015 certification enterprise

广东省铝型材挤压装备工程技术研究中心

Aluminum extrusion equipment engineering  
technology research center in Guangdong Province



- 始于 1964

考迈托（佛山）挤压科技股份有限公司  
COMETAL(FOSHAN)EXTRUSION TECHNOLOGY CO.,LTD.

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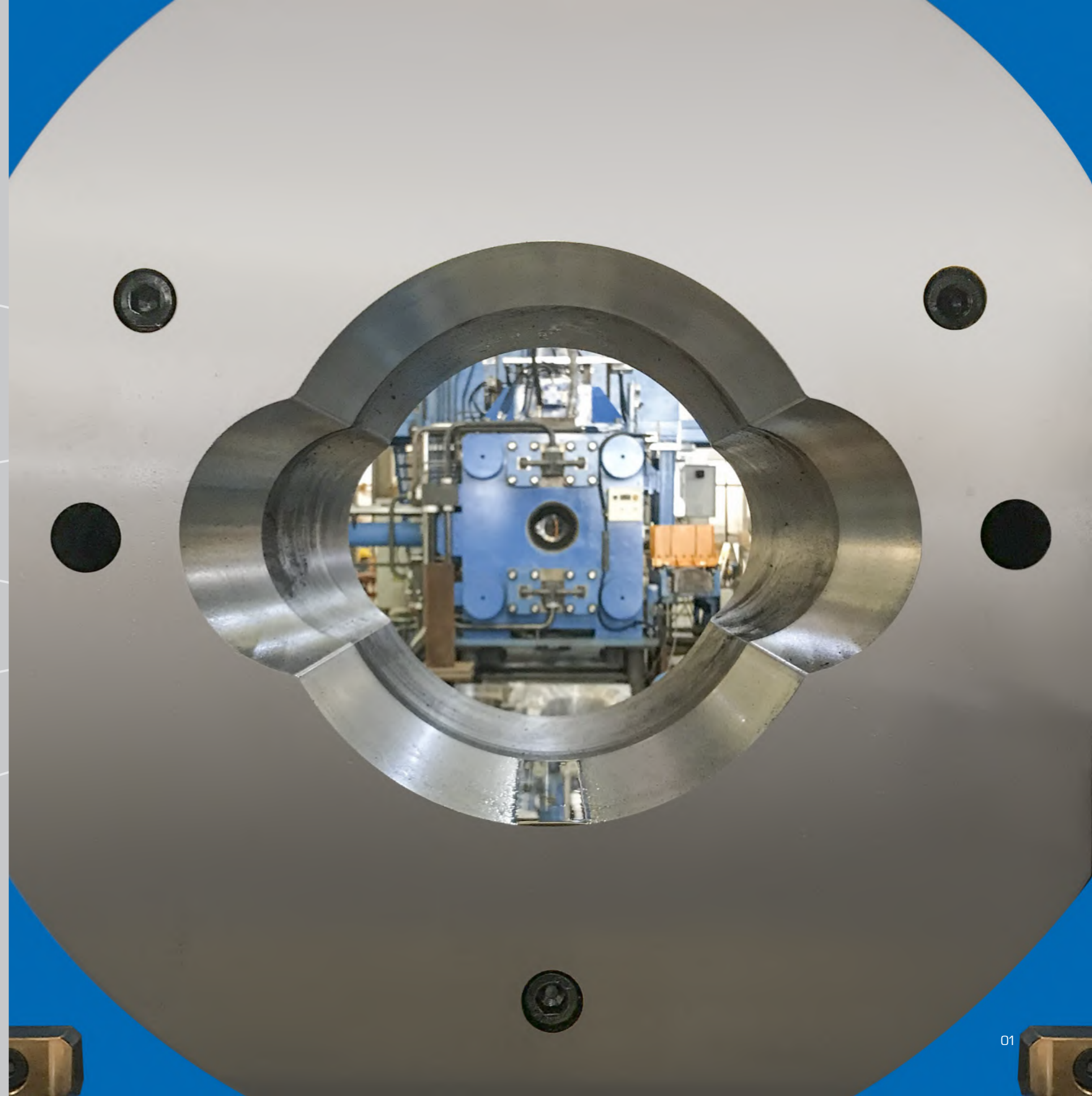
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Information

**60**年铝镁挤压装备技术全球典范  
GLOBAL MODEL OF ALUMINUM MAGNESIUM EXTRUSION EQUIPMENT TECHNOLOGY FOR 60 YEARS

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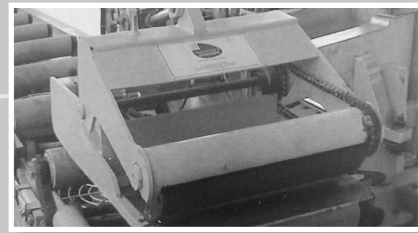




# HISTORY

考迈托为客户制造安装首台牵引机，它可能是世界上第一台牵引机。

Cometal manufactured and installed the first puller for customers. It may be the first puller in the world.



1964

1975

1981

1998

2004

2013

2015

2017

2019

2020

2022

2023

2023

考迈托设计制作的第一条配置自动拉伸和型材堆垛的挤压线已经开始运行。

The first extrusion plant with automatic stretching and profile stacking designed and manufactured by Cometal was running in 1981.

考迈托在中国建厂。

Cometal established a factory in China in 2004.



考迈托(佛山)挤压科技股份有限公司在新三板挂牌。

Cometal (Foshan) Extrusion Technology Co., Ltd was listed in National Equities Exchange and Quotations in 2015.

由考迈托设计制造的日资泰国企业 25MN 全自动化生产线投入运营。

The 25MN fully automated production line designed and manufactured by Cometal, a Japanese funded Thai enterprise, has been put into operation.

为日本 YKK 设计、改造 27MN 挤压相关设备。

Design and renovate 27MN extrusion related equipment for YKK Japan.

考迈托按欧洲工业标准，设计制造 75MN 大型挤压机。

Cometal designs and manufacture a 75MN large extruder according to European industrial standards.



Cometal and WSP from Aachen University of Technology in Germany jointly developed the world's first BICS balanced cooling system.

考迈托与德国亚琛工业大学 WSP 共同研发世界第一台 BICS 均衡冷却系统。

Cometal designed and manufactured an 18.7MN extruder according to European industrial standards.

考迈托按欧洲工业标准设计、制造 18.7MN 挤压机。

Foshan Cometal Industrial Machinery Co. Ltd has 6 fully automated aluminum extrusion production lines for extrusion machines put into operation.

佛山考迈托工业机械有限公司有 6 条全自动化挤压生产线投入运行。

The 125MN fully automatic extrusion line designed and manufactured by Cometal (Foshan) Extrusion Technology Co., Ltd. began to put into operation in 2017.

由考迈托(佛山)挤压科技股份有限公司生产制作的 125MN 全自动挤压生产线开始运行。

Cometal(Foshan) Extrusion Technology has signed a 44MN fully automatic extrusion line with well-known domestic aluminum enterprises.

考迈托(佛山)挤压科技股份有限公司与国内知名铝材企业签订 44MN 全自动挤压整线。

Cometal (Foshan) has signed a total of 10 fully automatic low energy extrusion production lines with domestic and international partners.

考迈托(佛山)与国内、外共签订 10 条全自动低能耗挤压生产线。



# SOLUTION



## 解决方案

考迈托 ----- 铝挤压智能化工厂的提供者。我们不单是客户的设备供应商，更是客户的合作伙伴。公司拥有强大的设计和研发部门，为客户提供全方位的挤压设计方案。并实施完成挤压机器的制造、安装及调试。全球几百条挤压机生产线的运营，为我们积累了成熟的技术方案。

## SOLUTION

Cometal - a provider of intelligent aluminum extrusion factories. We are not only the customer's equipment supplier, but also the customer's partner. The company has a strong design and research and development department, providing customers with comprehensive extrusion design solutions. And complete the manufacturing, installation, and debugging of the extruder. The operation of hundreds of extrusion machine production lines worldwide has accumulated mature technical solutions for us.

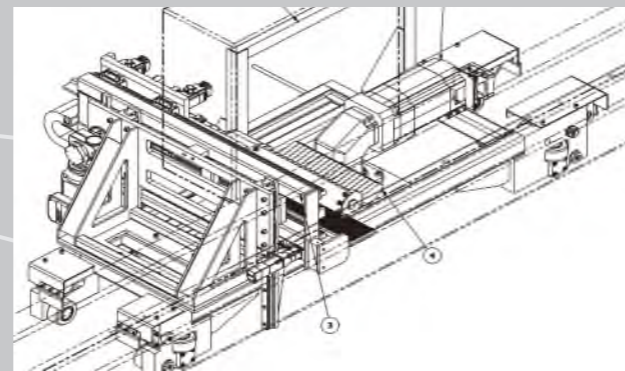
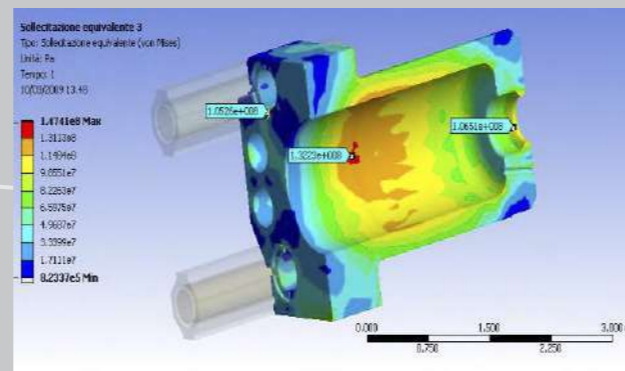
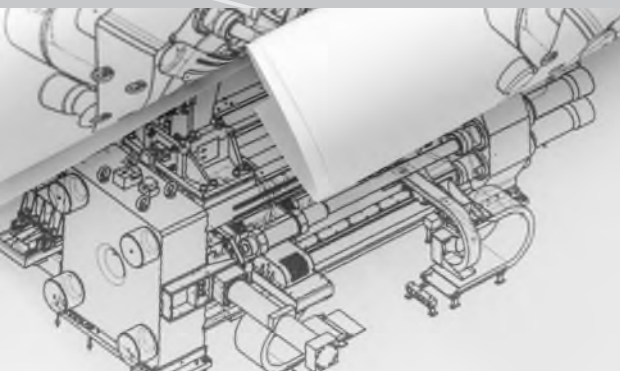




# DESIGN R&D

## 设计研发

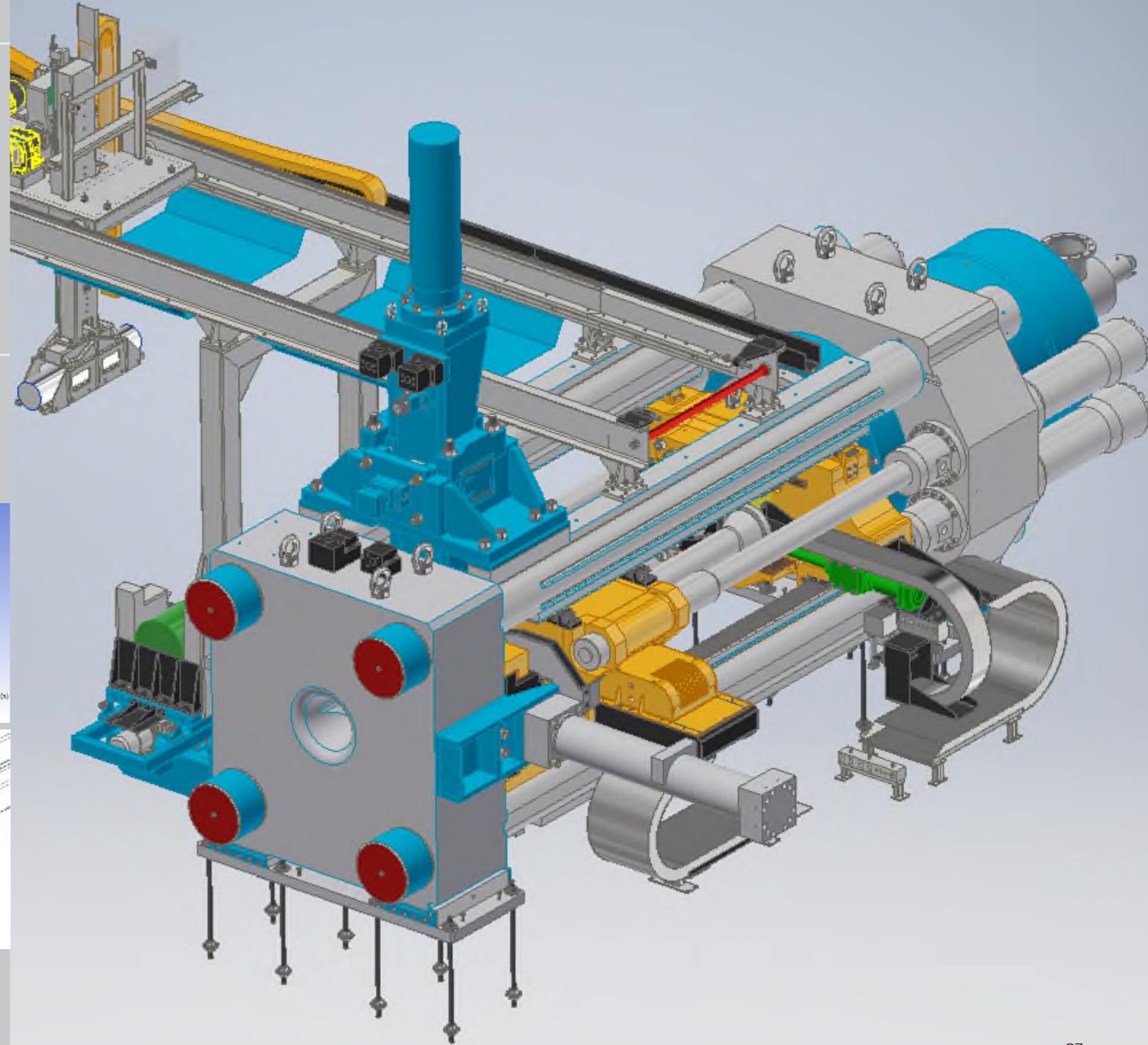
考迈托中国秉承意大利欧洲工业标准设计理念，已成为一家国际化的铝挤压设备提供者。从图纸设计、计算机 3D 仿真、有限元受力分析，到实物的 TUV 检测验证。考迈托的设计团队通过不断结合现场工艺与设计原理，完善设备的每一个细节，成为考迈托在市场上最具竞争力的核心技术。



## DESIGN R&D

Cometal China adheres to the design concept of Italian European industrial standards and has become an international supplier of aluminum extrusion equipment. From drawing design, computer 3D simulation, finite element stress analysis,

to physical TUV testing and verification. cometal design team continuously combines on-site processes and design principles to improve every detail of the equipment, becoming cometal most competitive core technology in the market.





# PRODUCTION

## 加工制造

我们拥有优秀的工匠团队，能熟练使用现代化智能化高精度加工设备，提高加工部件的质量和确保设备的交货期。



## PRODUCTION

We have an excellent team of craftsmen who are proficient in using modern intelligent high-precision processing equipment to improve the quality of processed components and ensure the delivery time of the equipment.





# PRODUCTS

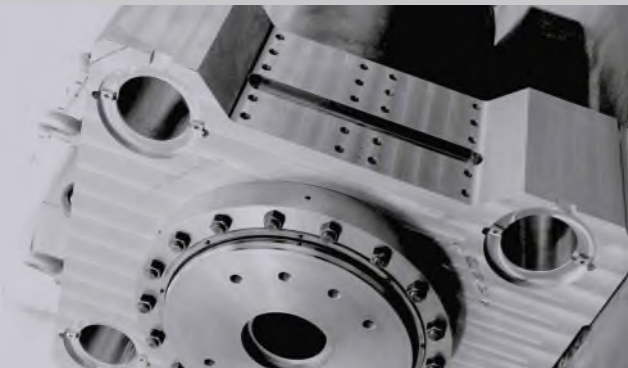
## 产品

公司产品涵盖了铝挤压工厂所需的设备，考迈托中国着重于给客户提供整体解决方案。主要从以下四个方面给客户提供解决方案：

- ① 挤压前：铝棒存储中心，铝棒加热炉，铝棒的剪切或者锯切，铝棒刷棒机，铝棒剥皮机等；
- ② 挤压机：工艺，技术全部采用意大利设计；主机结构件采用锻造工艺制作，挤压机吨位 11MN 到 75MN；

③ 挤压辅助设备：均衡激速冷却系统，牵引机系统，冷床设备，自动拉直扭拧设备，自动定尺锯切，自动装框机；

- ④ 型材时效处理：自动物流线可以与装框机完美对接，实现成品料框的自动输送，自动叠框，自动时效，自动卸框，提高生产效率，降低人为风险，保障挤压线的全天候运行。
- 以上完整的全自动化生产线，仅需 2-3 人操作。



aluminum rod peeling machine, etc;

② Extruder: The process and technology are all designed in Italy; The structural components of the main engine are made using forging technology, and the extruder has a tonnage of 11MN to 75MN

③ Extrusion auxiliary equipment: balanced speed cooling system, traction machine system, cooling bed equipment, automatic straightening and twisting equipment, automatic length sawing and cutting, automatic framing machine;

④ Timely processing of profiles: The automatic logistics line can perfectly connect with the framing machine, achieving automatic conveying of finished material frames, automatic folding, automatic aging, and automatic unloading, improving production efficiency, reducing human risks, and ensuring the 24-hour operation of the extrusion line.

The above complete fully automated production line only requires 2-3 people to operate.

## PRODUCTS

The company's products cover the equipment required for aluminum extrusion factories, and Cometal China focuses on providing customers with overall solutions. We mainly provide solutions to customers from the following four aspects:

- ① Before extrusion: aluminum rod storage center, aluminum rod heating furnace, aluminum rod cutting or sawing, aluminum rod brushing machine,







# AUTOMATION, DIGITIZATION, AND INTELLIGENCE



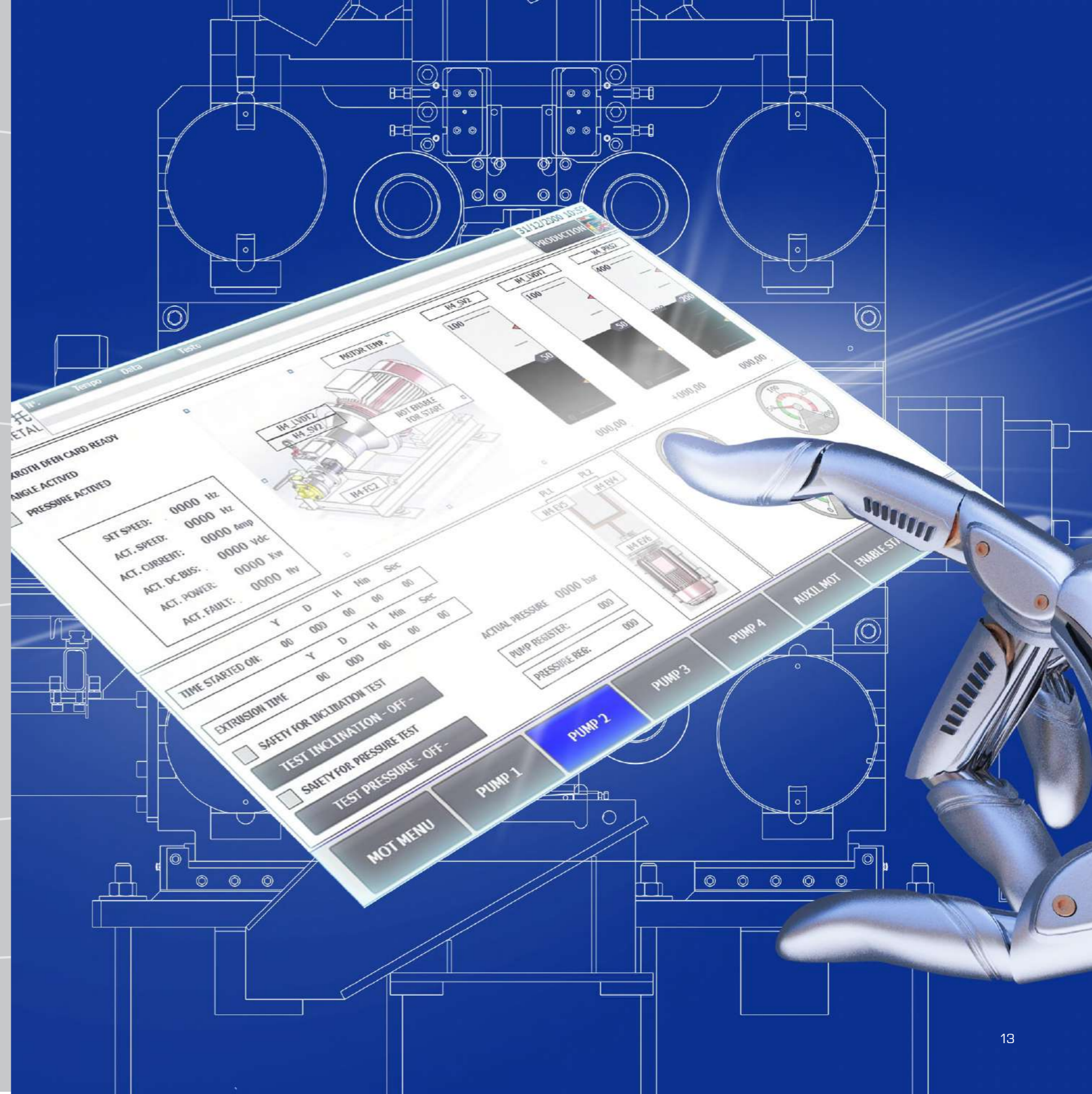
## 自动化、数字化、智能化

通过多年来融入中国市场，结合意大利考迈托的自动化控制理念，考迈托中国公司拥有完全自主的铝挤压控制系统。欧洲标准的电柜布线布局，先进的控制理念，友好的人机控制界面，都确保了整个电气系统的稳定性和先进性。通过电气控制与机械动作的完美结合，使得整个挤压线里所有的设备互联互通，共用数据库，为挤压工厂实现智能化发展，数据化管理，提供了稳定可靠的数据基础。

## AUTOMATION, DIGITIZATION, AND INTELLIGENCE

After integrating into the Chinese market for years and combining with the automatic control concept of Cometal Italy, Cometal China has its own technology to control the complete cycle of the aluminum extrusion. The electrical cabinet is built according to the European standard, has the advanced control concept, and friendly man-machine control interface to ensure the stability

and advancement of the entire electrical system. Through the perfect combination of electrical control and mechanical actions, all the equipment in the entire extrusion line are interconnected and shared with the database, which provides a stable and reliable data foundation for the intelligent development and data management of the extrusion plant.



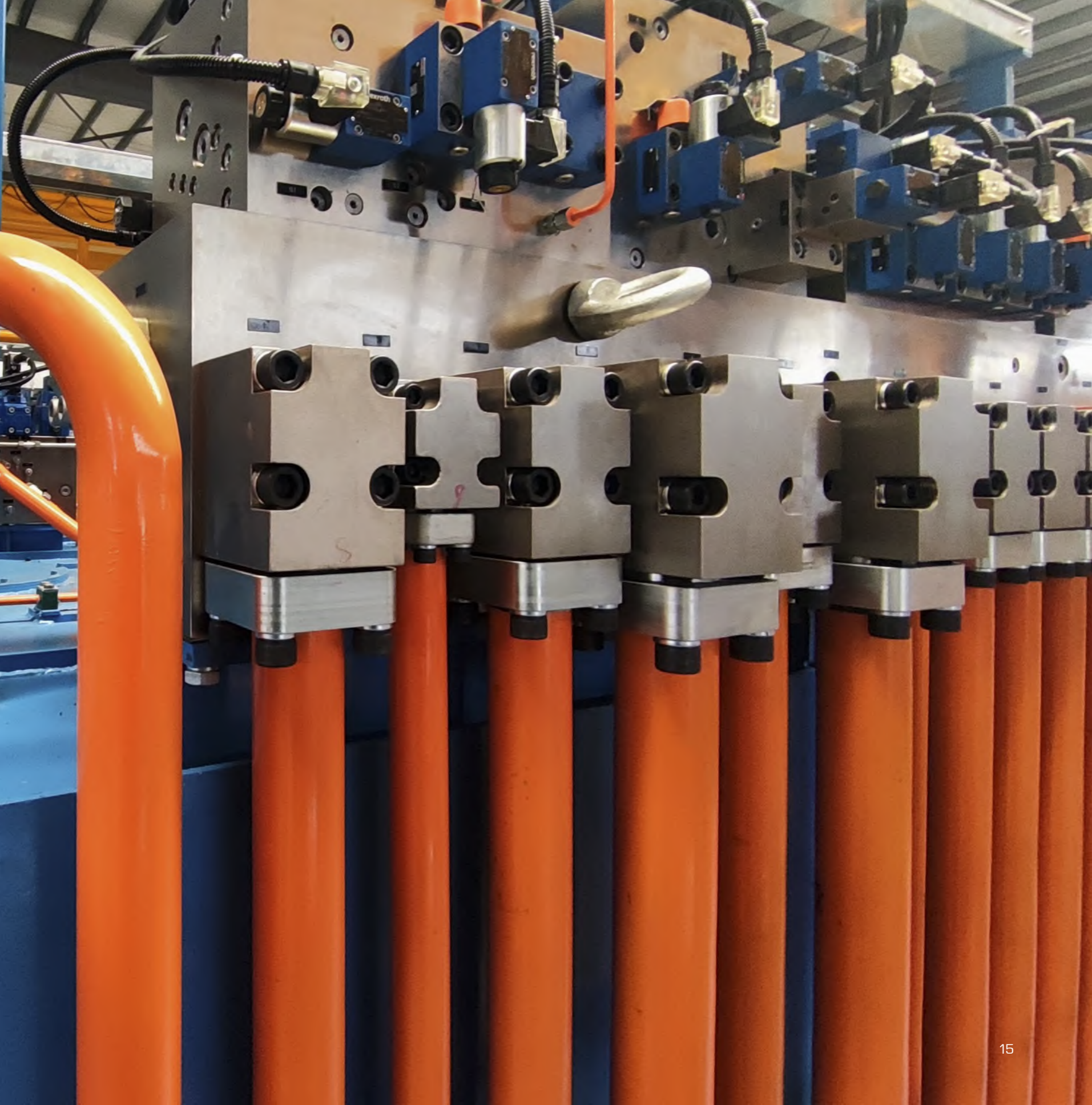


# SERVICE

## 服务

考迈托中国不断结合欧洲的先进挤压理念，结合国内市场实际挤压情况，一直坚持为客户提供先进的铝挤压方案，持续引领国内铝挤压最高水平。此外还可以为客户提供合理的可行性研究和铝挤压投资财务方案，以现代

化的管理模式满足客户需求。及时、快速的售后服务响应，确保考迈托挤压设备的顺利运行。精准的设计，精准的服务，为你选择考迈托设备保驾护航。



## SERVICE

Cometal China continues to combine the advanced extrusion concepts in Europe and the actual extrusion situation in the domestic market. It has always insisted on providing customers with the advanced aluminum extrusion solutions and constantly leads the highest level of domestic aluminum extrusion. In addition, we can also provide customers with the feasibility

studies and the financial plans of the aluminum extrusion investment, and meet customer needs with modern management models. Timely and fast response to after-sales service ensures the smooth operation of Cometal's extrusion equipment. Precise design and precise service will escort you to choose Cometal equipment.



### 生产线

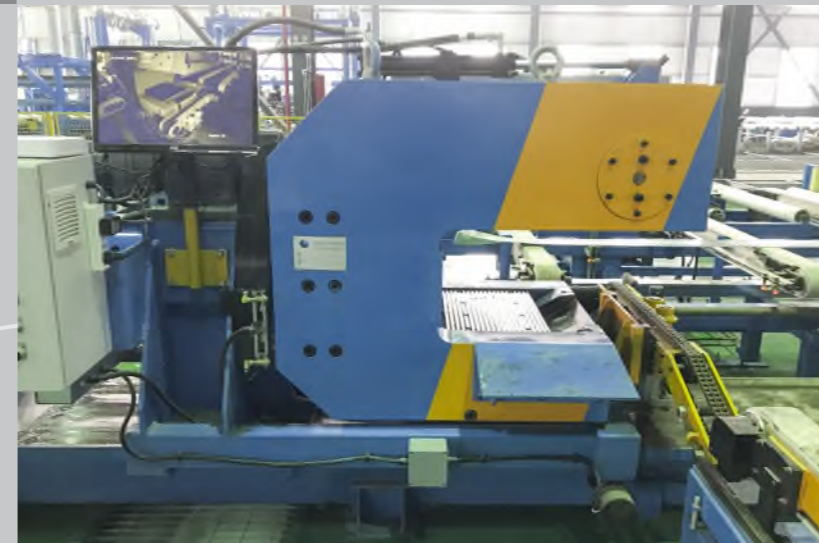
该产线展示了从上铝棒到时效完成的整线挤压布局图。  
 增加单机产量，减少占地面积，降低人工成本，提高成品率，一直是考迈托努力的方向。

### EXTRUSION LINE

The production line shown in the layout is the entire extrusion from the aluminum log application to the completion of the ageing process.  
 By this way, it increases the single machine output, minimize the floor space, reduces the labor costs, and improves the yield have always been the direction of Cometal.

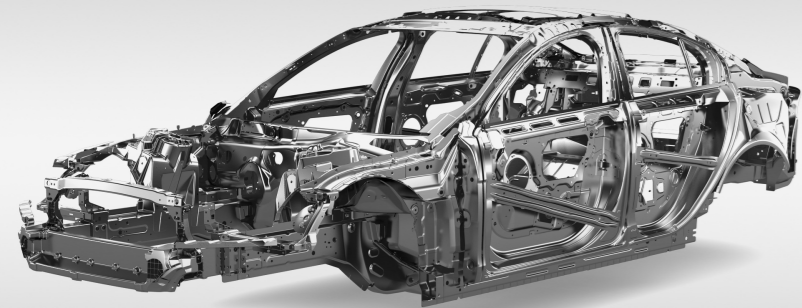


# EXTRUSION LINE





# APPLICATIONS



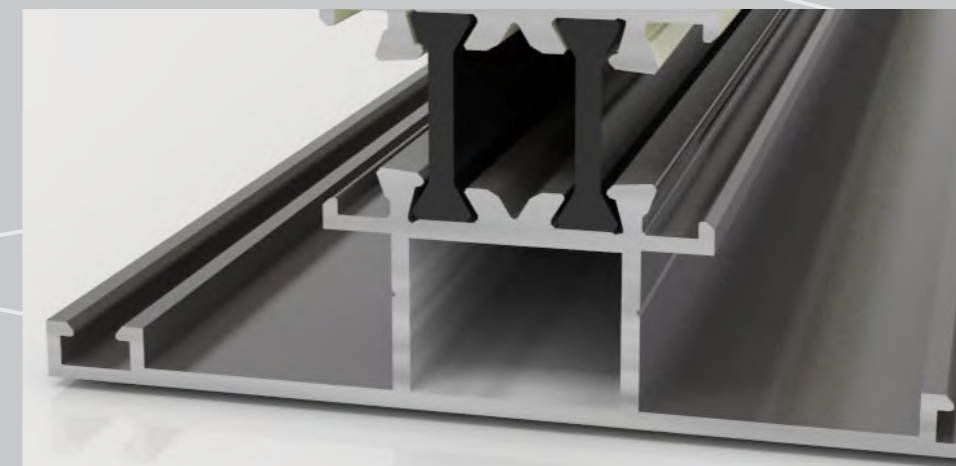
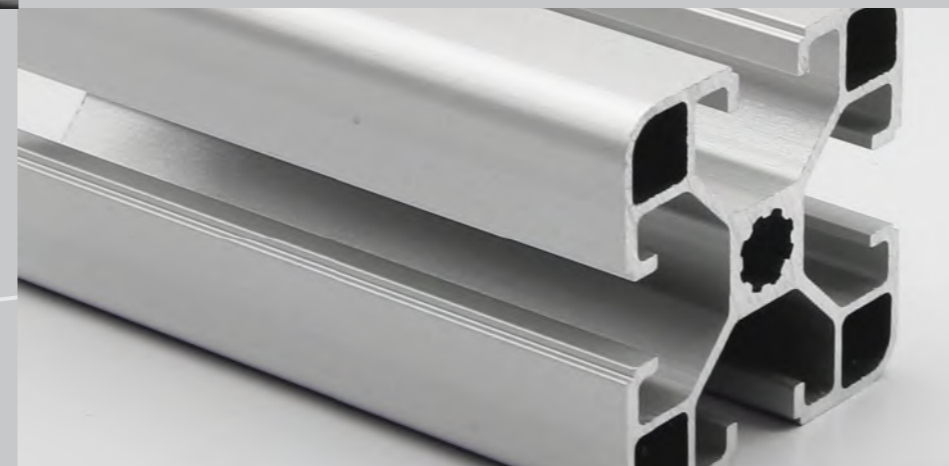
CAR FRAME  
汽车轻量化

AEROSPACE ALUMINUM  
航天铝材



TRAIN FRAME  
高铁车体

INDUSTRIAL PROFILES  
工业型材



BUILDING PROFILE  
建筑型材

MARINE MATERIALS  
船舶材料





# PROJECTS

## 工程案例

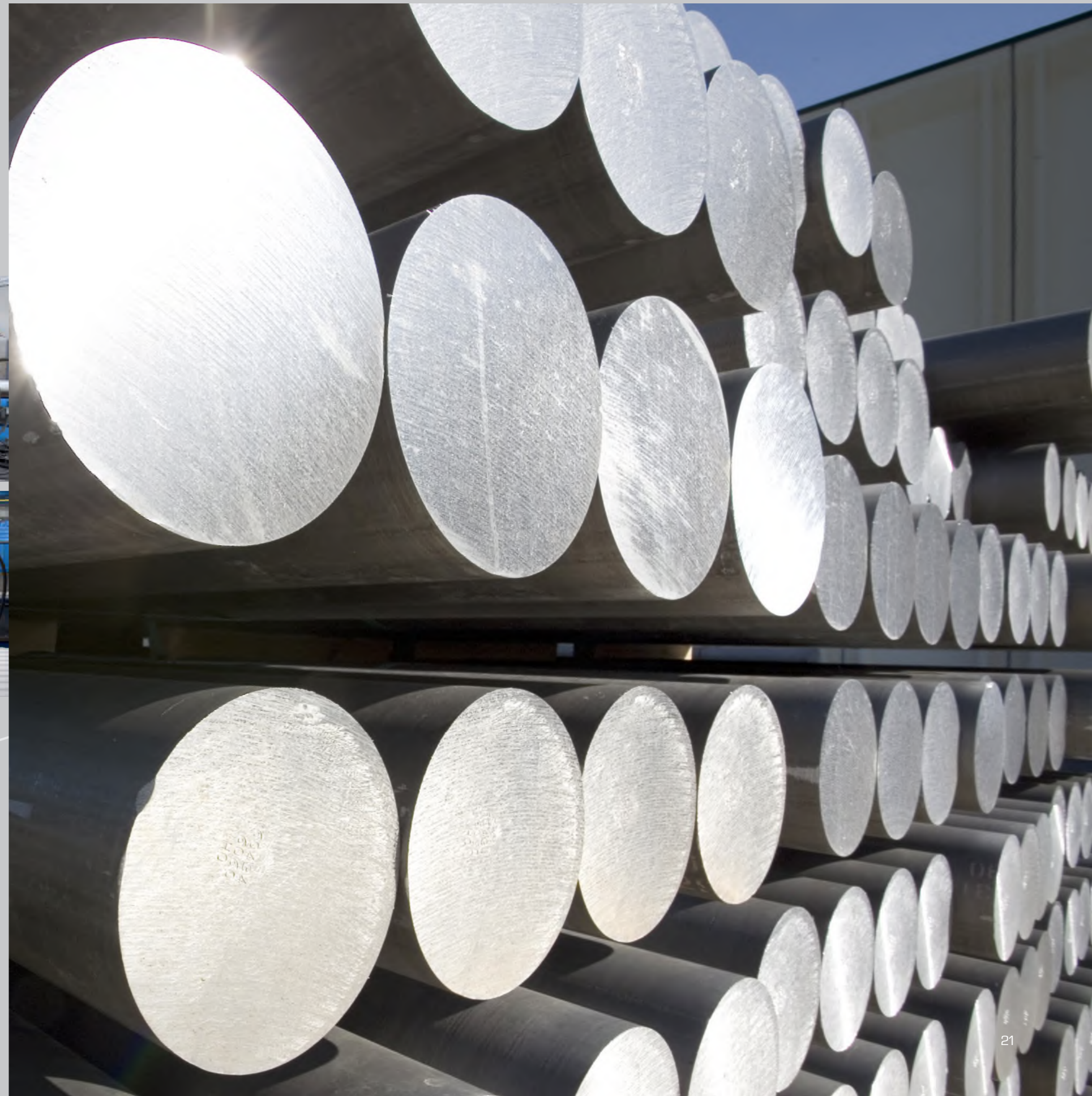
从 2004 年成立至今，考迈托中国公司在国内外已经服务超过 200 家铝型材企业，涉及产品从单台设备到整条挤压线设备。公司一直遵循为客户提供交钥匙工程，大大降低客户不同设备间的衔接风险。整线的互联互通，为保障设备的良好运行打下坚实基础，免去客户的后顾之忧。从产能设计，到最终回归产能，考迈托始终坚守质量，为客户提供优质产品和服务。

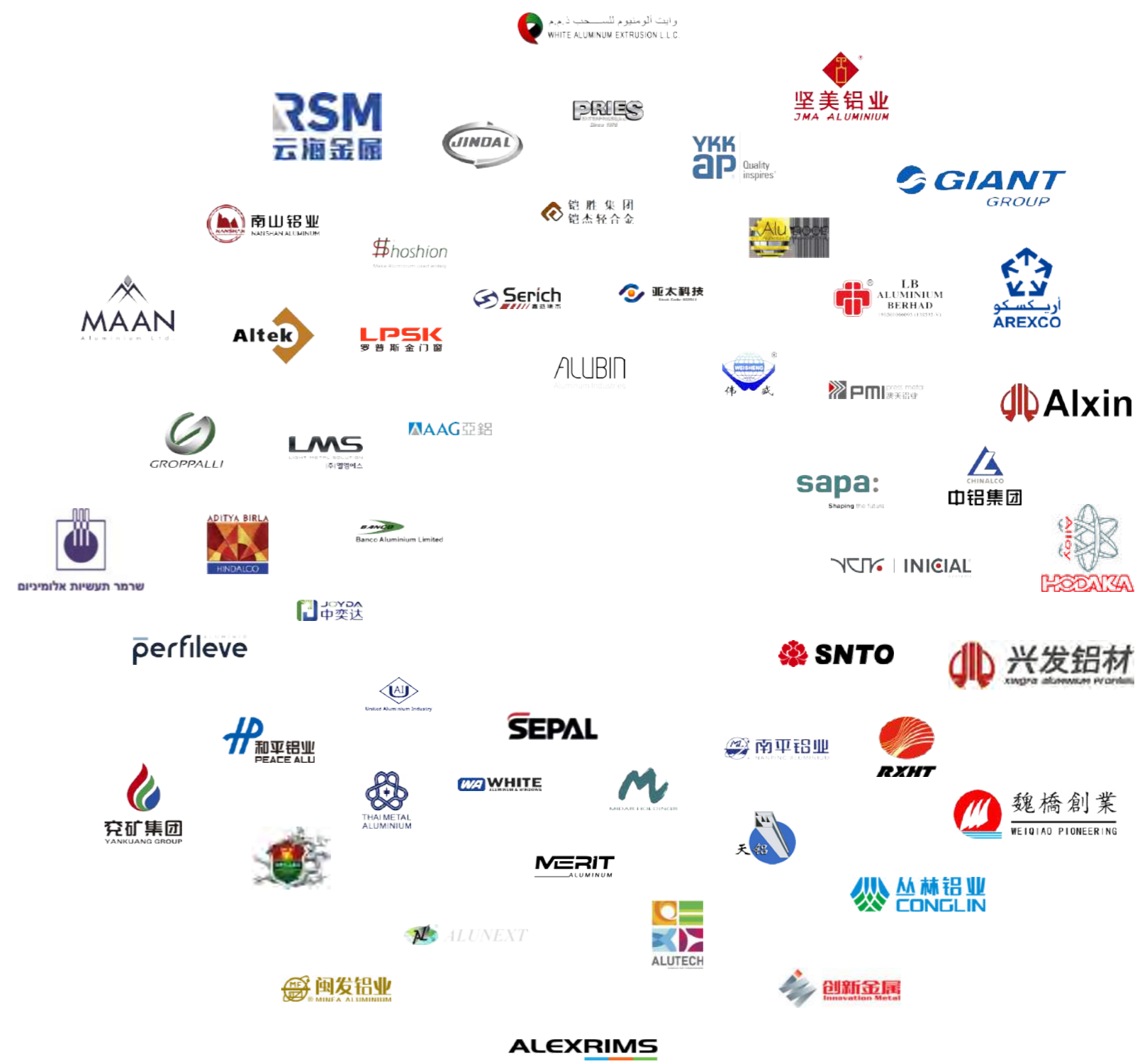


## PROJECTS

Since its establishment in 2004, Cometal China has served more than 200 aluminum profile enterprises both at home and abroad, covering products of the single equipment and the equipment of the entire extrusion line. The company has always been providing the customers with the turnkey projects, thus greatly reduces the risk of connection among

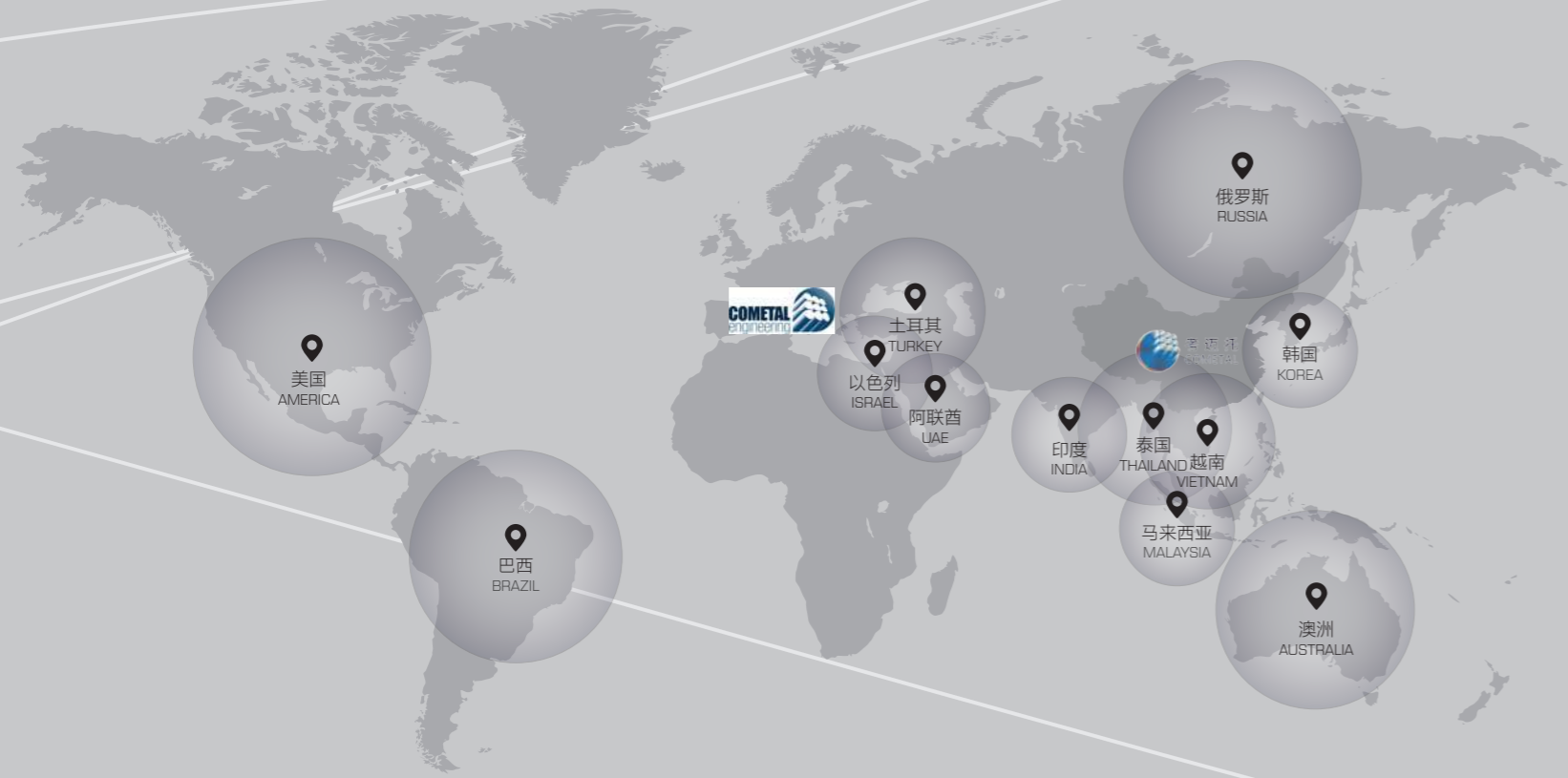
the customers' machine of the various supplies. The interconnection of the entire line lays a solid foundation for the good operation of the equipment and eliminates the worries of the customers. From production capacity design to the final return to production capacity, Cometal has always adhered to quality and provided customers with high-quality products and services.







# GLOBAL SERVICE



## 服务全球

考迈托中国，作为总公司全球唯一的海外工厂，秉承意大利考迈托的设计理念和先进技术，为全球客户服务，客户涵盖中国、美国、俄罗斯、土耳其、以色列、

阿联酋、巴西、越南、马来西亚、印度、泰国、澳洲等。考迈托不仅是先进装备供应商，更是客户真正的合作伙伴。

## GLOBAL SERVICE

Cometal China, as the only overseas factory of the head office in the world, upholds the design concept and advanced technology of Cometal Italy, and serves global customers, including China, the United States, Russia, Turkey,

Israel, UAE, Brazil, Vietnam, Malaysia, and India, Thailand, Australia, etc. Cometal is not only a supplier of advanced equipment, but also a true partner of customers.