



## 制造橡胶型材和胶管的生产线

根据不同产品要求而设计的挤出机和挤出机头是所有橡胶型材和胶管生产线的核心部分。生产方案由一家供应商提供具有明显的优点：1) 只有一家对整个生产过程负责的制造商；2) 在制造技术和质量方面所有结构特征都是一致的；3) 在不同的机器上尽量使用相同的部件。通过这些途径，作为整条生产线的供应商，特乐斯特公司可以帮助它的用户实现生产高质量的橡胶型材和胶管的目标。

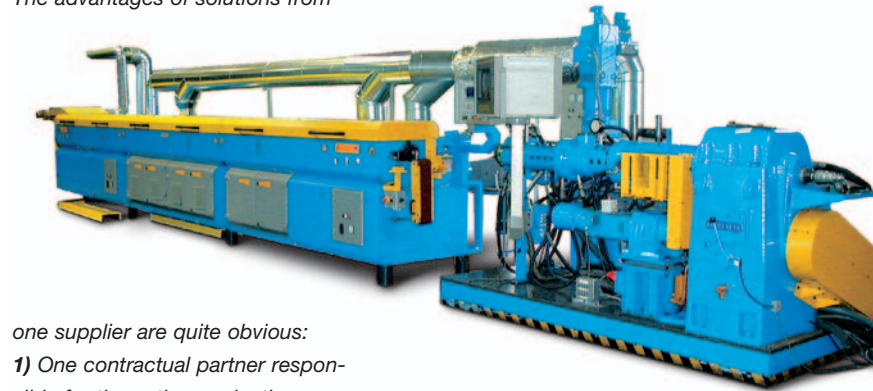
同样地，后续设备—盐浴、热空气硫化装置或微波硫化装置以及所有其它辅机都具有“德国制造”的保证。这些设备技术完善、操作简单，而且产量高。从象特乐斯特公司这样的单一供应商处采购的设备，可以毫无疑问地组合成功能完善的生产线。

为了保证用户顺利地进行试生产,特乐斯特生产线的所有组成部分在出厂前都已全面地测试和调试过。因此,用户不仅在单机的试运行阶段,而且在整条生产线的试生产阶段,肯定能获得针对各种具体应用情况的专业技术和创新方法。

为了了解特乐斯特公司制造橡胶型材和胶管设备的所有优点，请跟您附近的特乐斯特代理商进行当面会谈，或与德国汉诺威的特乐斯特责任有限公司&两合公司直接取得联系。

**Lines  
for the Manufacture  
of Profiles and Hoses**

*The heart of every production line for profiles and tubes are the extruders and extrusion heads which are matched to the individual requirements of the particular application. The advantages of solutions from*



one supplier are quite obvious:

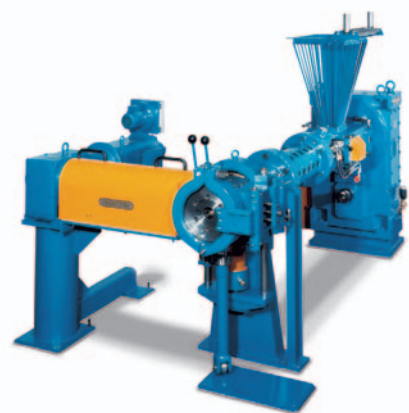
**1)** One contractual partner responsible for the entire production process; **2)** uniformity of all design features concerning technical aspects as well as the quality philosophy of the manufacturing process; **3)** wherever possible identical components in different units. In this way TROESTER as a supplier of complete lines is in a position to support customer's demand to produce profiles and tubes of outstanding quality.

*Solid reassurance associated with »Made in Germany« is also given by the downstream salt bath, hot air or microwave vulcanization systems and all other peripheral line components which all stand out for technical perfection, easiest handling and excellent production results. Machines from a single line supplier like TROESTER can be interconnected easily into a functional production facility.*

*All TROESTER line components undergo extensive pre-market testing and are designed to work with one another in order to ensure smooth and rapid on-site commissioning. TROESTER customers therefore can be sure to get specialist know-how and innovative solutions for*

any individual application referred  
not only to complete lines but  
also to individual machines.

*For more detailed information  
on our Profile and Hose Lines,  
please apply to the TROESTER  
representative in your area, or  
contact the TROESTER Head-  
quarter in Germany directly.*



挤出机-齿轮泵机组  
*Extruder-Gear pump combination*

我们的产品，  
助您成功

## 制造橡胶型材和胶管的生产线



## Profiles & Hoses



**TROESTER**

EXCELLENCE IN EXTRUSION.

Für etwaige Quantität oder Qualitätseinsparungen ist ausschließlich der Vertrag zwischen Kunden und TROESTER maßgebend. Die hier gemachten Angaben stellen keinerlei Zusicherungen irgendwelcher beschriebener Eigenschaften dar, sie dienen lediglich der allgemeinen Information und können im Einzelfall abweichen. Ansprüche irgendwelcher Art können hieraus nicht abgeleitet werden. Die Beachtung gewerblicher Schutzrechte ist in jedem Fall Sache des Kunden. *No contract between the customer and TROESTER is binding for any guarantee and commitment. The particulars of the observation of commercial trade secrets shall in every case be purely for general information purposes and may differ in individual cases. No claims of any nature may be derived herefrom. The observation of commercial trade secrets of patients shall in every instance be the responsibility of the customer.*

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Bother van Cleef Design & Kommunikation

TROESTER:  
A TRADITION OF INNOVATION



## Profiles & Hoses

## Delivery Program for Cable Manufacturers and the Rubber Processing Industry:



|  |   |   |   |   |
|--|---|---|---|---|
| Complete lines                                       | ✓ | ✓ | ✓ | ✓ |
| Extruders  | ✓ | ✓ | ✓ | ✓ |
| Multi-component extrusion heads                      | ✓ | ✓ | ✓ | ○ |
| Calender lines                                       | ○ | ✓ | ○ | ✓ |
| Roller head lines                                    | ○ | ✓ | ○ | ✓ |
| Single-roll roller die (SRRD) systems                | ○ | ✓ | ○ | ✓ |
| Continuous vulcanization lines                       | ✓ | ○ | ✓ | ○ |
| Winders, accumulators                                | ✓ | ✓ | ✓ | ✓ |
| Various downstream equipment                         | ✓ | ✓ | ✓ | ✓ |
| Electrical equipment, automation, control technology | ✓ | ✓ | ✓ | ✓ |

*Machines and complete lines built by TROESTER are known all over the world and are synonymous with technological advancement, quality and outstanding performance in the fields of rubber and cable processing.*

***www.troester.de***

**TROESTER**

EXCELLENCE IN EXTRUSION.

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我们的产品，  
助您成功

## 技术信息

# TECHNICAL INFORMATION

来自一家企业的橡胶型材和胶管生产线:  
总是高质量的保证

在与特乐斯特世界各地的用户的紧密合作中不断发展的技术，保证了机器和生产线能够经济地生产，而且生产出高质量的产品。

制造橡胶型材和胶管的生产线，当它们来自于一家制造商时更具有上面这些优点。从生产线的制造和运输，到安装和试生产，用户面对的总是一个合作伙伴：特乐斯特。

在世界范围内特乐斯特橡胶型材和胶管生产线的用户众多，而且用户对特乐斯特作为生产线的供应商极其满意，除了上述原因之外，还有其它原因。例如，从不断开发的耐用和高效机器和生产线中获得的尖端工艺技术。完善的机器和生产线控制的系统技术也起着决定性作用。另外，特乐斯特拥有一支高素质的服务和支持队伍，他们能够给用户准确地提供用户所需的援助，使生产线从投产之后就能制造出高质量的橡胶型材和胶管。

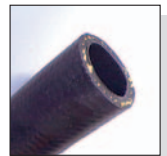
## Profile and Tube Lines from one Supplier: always a Safe Guaranty for Outstanding Quality.

Permanent technical further development in collaboration with TROESTER customers from all over the world provides a security for economically working machines and lines that stand out for their excellent product quality.

Lines for the manufacture of profiles and tubes offer these advantages especially if they are from one supplier. From the design work over the manufacture and transport to the installation and commissioning there is only one contact partner for the customer: TROESTER.

The large number of worldwide installed lines for tubes and profiles as well as the great customer satisfaction with TROESTER as line supplier has of course many more reasons. For example the superior process technology resulting from the development of efficient machines and lines with a long service life. Further the perfected system technology for machine and line control play a decisive roll. Another criterion is the qualified TROESTER service and support which provides customers with the exact support required, enabling them efficiently to produce high-quality profiles and tubes after the starting phase.

胶管样品图  
Product examples  
hoses



橡胶型材样品图  
Product examples  
profiles

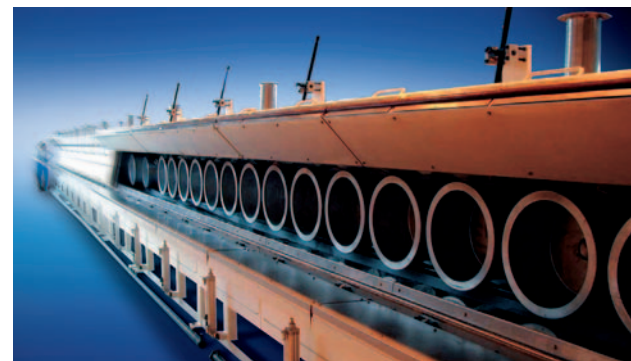
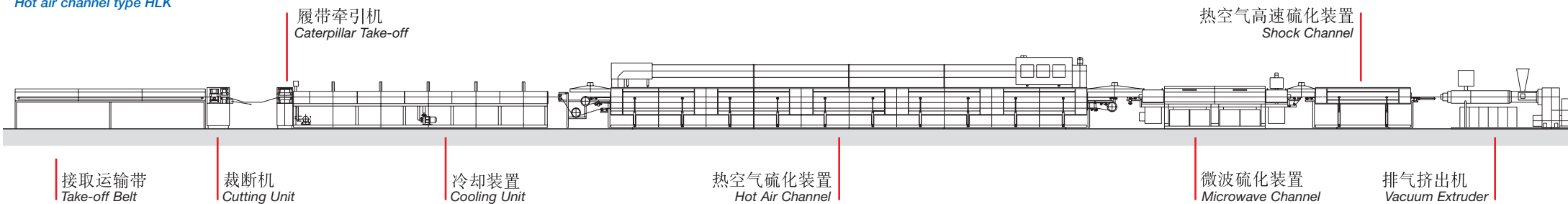


这里列举的所有胶管和橡胶型材  
生产线方案都是生产线配置的可行  
性实例。除此之外，特乐斯特  
可以随时提供专门根据用户产品  
要求而设计的生产线。

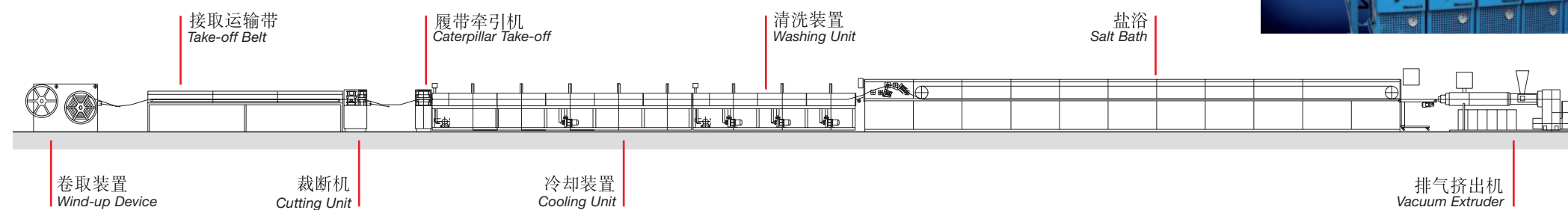
**All presented tube and profile line  
concepts are examples of possible  
line configurations.  
For the particular applications  
TROESTER will supply tailor-made  
solutions matching the specific  
product requirements.**



HLK 型热空气硫化装置  
Hot air channel type HLK

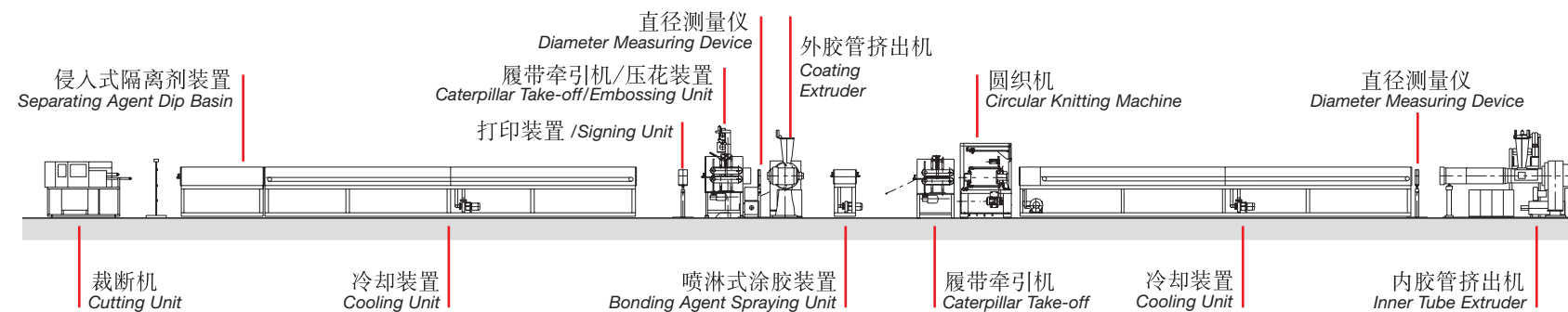


LCM型盐浴硫化装置 / Salt bath type LCM



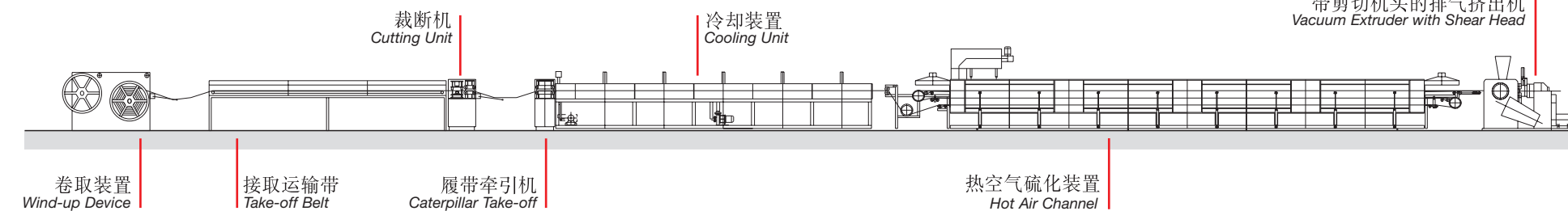
## 胶管生产线实例

# EXAMPLE HOSE LINE

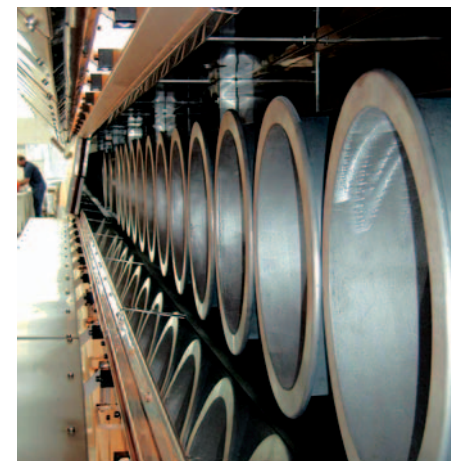


## 橡胶型材生产线实例

# EXAMPLES PROFILE LINES



LCM 型盐浴硫化装置 / Salt bath type LCM



GS Vak型排气挤出机  
Vacuum extruder type GS Vak



MWK型微波硫化装置  
Microwave channel  
UHF type MWK

