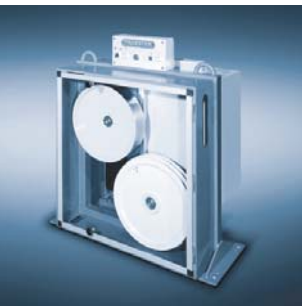
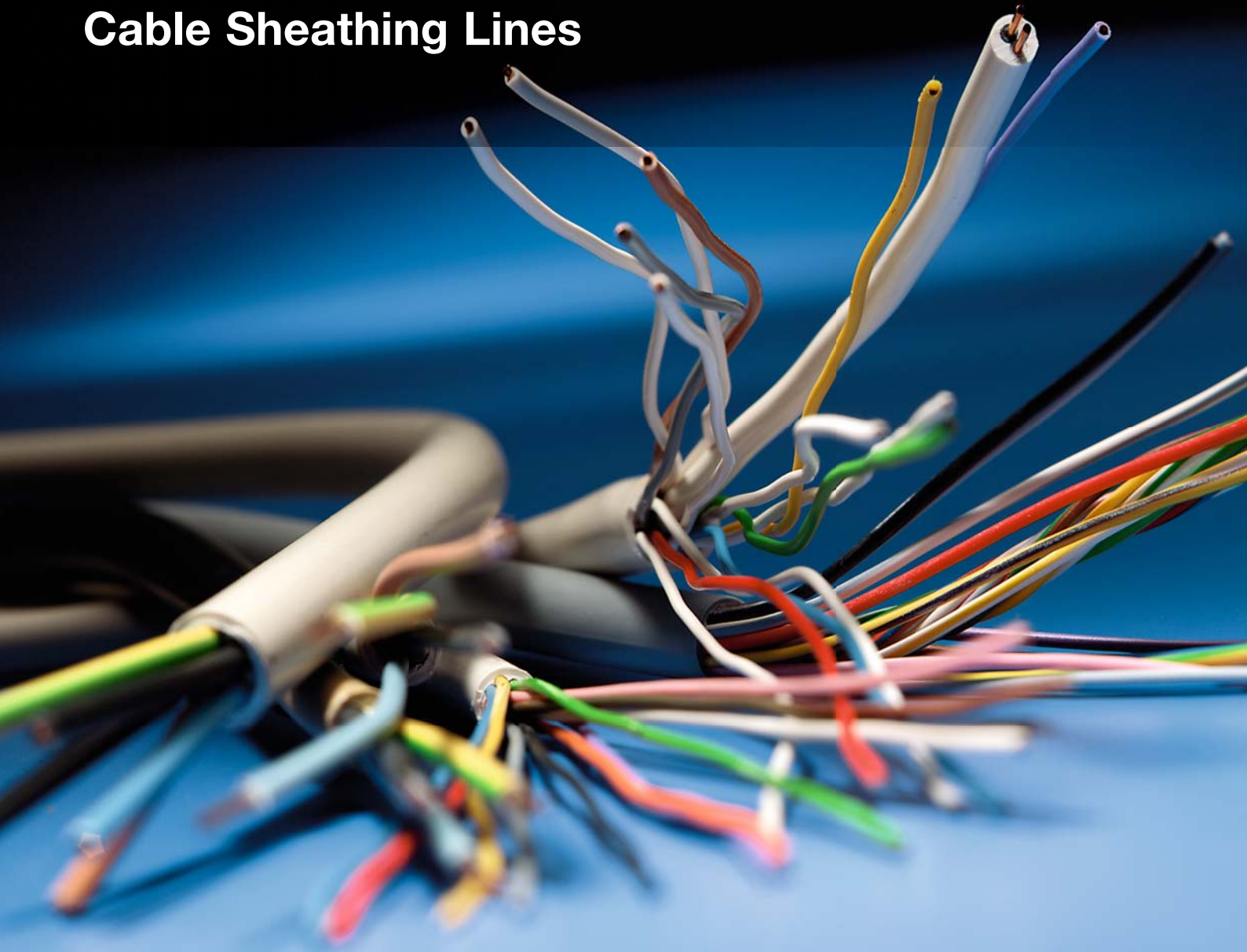


Core Insulation and Cable Sheathing Lines



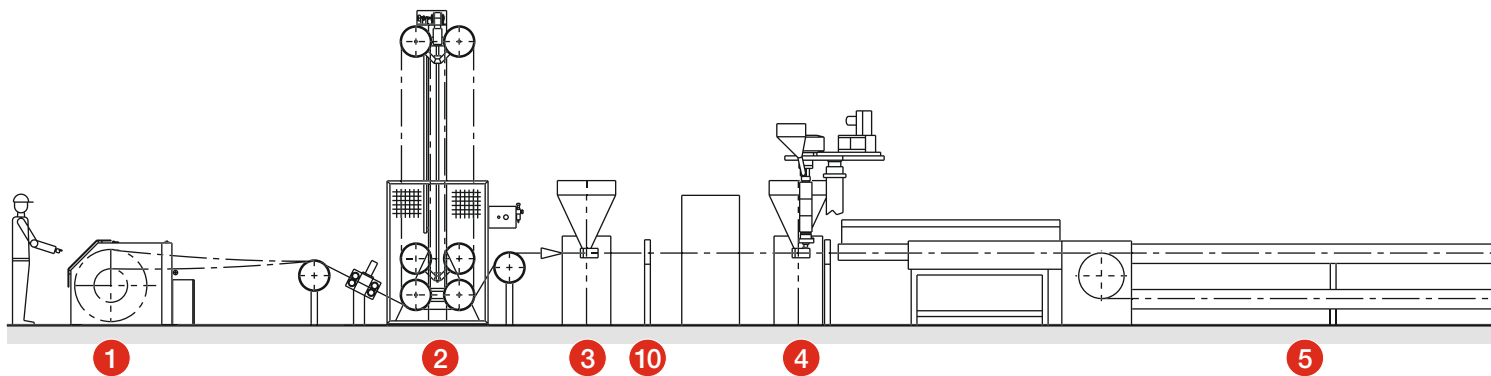
TROESTER

EXCELLENCE IN EXTRUSION.

Core Insulation and Cable Sheathing Lines



Dual Capstan DAF in a core insulation line



TROESTER core insulation and cable sheathing lines are designed for a wide range of applications and stand out by their excellent achieved tolerances

The wide area of core production requires well designed insulation lines for each application. Automotive wire, building wire and THHN cables demand high speed production and color change systems, multipurpose insulation/sheathing lines put their emphasis on flexibility and diversity. For this demanding product range TROESTER supplies solutions on highest technological level.

In the R & D laboratory engineers continuously develop extrusion screw and cross head designs in close cooperation with all well-known material suppliers. As a result, optimized screws and material flow channels for all different PE, XLPE, flame retardant and halogen-free materials can be provided to ensure very good product uniformity at high production speeds.

All TROESTER cable machines are designed with AC drive technology with low maintenance and wear which significantly reduces downtime and facilitates stepless control of the production speed. A TROESTER-developed control system, optimally matched to each line, ensures safe and easy operation.

Main Advantages of TROESTER Core Insulation and Cable Sheathing Lines

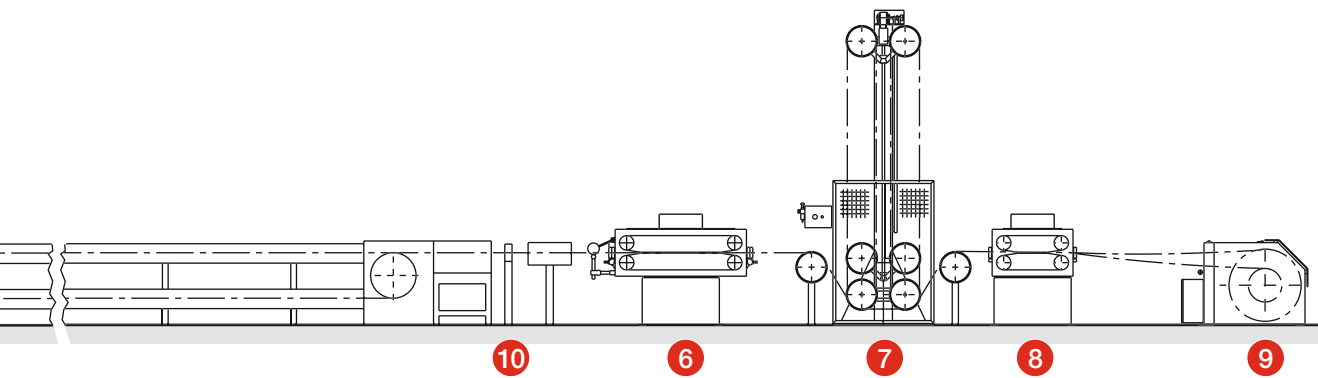
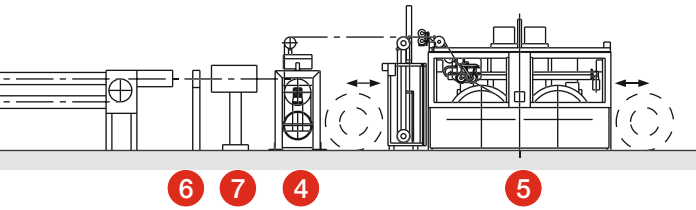
- > **Efficient production of cables over a chosen production range**
- > **Smooth cable transport and tension control**
- > **Maintenance friendly cable machines**
- > **Material processing with individual concepts**
- > **Efficient and economical cable drying**
- > **Spooler for direct winding on shipping reels in sheathing lines**
- > **User-friendly, state-of-the-art line control**
- > **High safety standards**



Insulation Extruder

Design of a Core Insulation Line

- 1 Dual flyer pay-off stand with wire brake
- 2 Extruder for core insulation (Option: extruder for application of skin or stripe)
- 3 Cooling section (Option: reversing cooling section, if required, with integrated haul-off)
- 4 Double capstan
- 5 Automatic double spooler (Option: dual take-up stand with accumulator)
- 6 Diameter or wall thickness measuring device
- 7 Spark tester
- Line control system

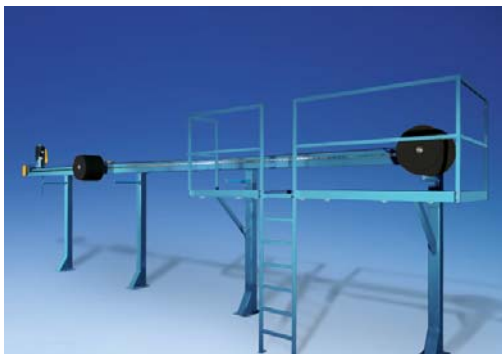


Design of a Cable Sheathing Line

- 1 Reel- or portal-type pay-off stand
- 2 Accumulator on pay-off side
- 3 Filling extruder
- 4 Sheathing extruder with skin extruder
- 5 Cooling section (Option: reversing cooling section)
- 6 Belt-type caterpillar (as tractive unit)
- 7 Accumulator on take-up side
- 8 Helper caterpillar
- 9 Reel- or portal-type take-up stand
- 10 Diameter or wall thickness measuring device
- Line control system



Extrusion Group



Accumulator HMSL



Automatic Double Spooler DAF



Pay-off Stand SAB



Double Capstan DAG

Insulation Lines
Insulation/Sheathing Lines
Automotive Cable Lines
Building Wire Lines
THHN Insulation Lines
Infrared Silicon Lines

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TROESTER GmbH & Co. KG
 Am Brabrinke 1-4
 30519 Hannover, GERMANY
 Phone +49-511-87040
 Fax +49-511-864028
 E-mail innovations@troester.de
www.troester.de

TROESTER Machinery, Ltd.
 300 Loomis Avenue
 Cuyahoga Falls, Ohio 44221, USA
 Phone +1-330-928-7790
 Fax +1-330-928-7239
 E-mail info@troester-usa.com
www.troester-usa.com

TROESTER Machinery (Shanghai) Co., Ltd.
 Workshop No. 1, Area C
 No. 6999 Chuan'sha Road, Pudong
 Shanghai 201202, PR CHINA
 Phone +86-21-58598308
 Fax +86-21-58598310
 E-mail info@troester.cn
www.troester.cn

TROESTER Moscow
 RUS-Moscow, 109815
 Phone +7-495-76014233
 E-mail lusia13710@mail.ru

X-Compound GmbH
 Hardmatt 932
 CH -5082 Kaisten, Switzerland
 Phone +41-62-869 10 30
 Fax +41-62-874 32 08
 E-mail info@x-compound.com
www.x-compound.com