WE ARE THE FIRST POINT OF CONTACT TO OUR CUSTOMERS
Rosendahl Maschinen GmbH is a world leader in providing manufacturing solutions for the global fiber, cable and wire market. Our expertise ranges from extrusion, corrugation and optical fiber to SZ-stranding.

Our technical knowledge is reflected in a wide range of cable manufacturing systems and covers R&D, manufacturing, control and software systems, installation and commissioning as well as staff training and maintenance.

Rosendahl is the leading partner in the industry, providing competent consulting and having competitive know-how and experience.
It was in 1959 when the company Rosendahl was established. Over the years, the company invested intensively in technological development and constantly broadened its product portfolio for a variety of industries.

In 1997, Rosendahl became a member of the globally active Knill Gruppe. Today Rosendahl Maschinen GmbH is a world leader in providing manufacturing solutions for the global cable & wire, battery, bakery and metal tube & hose market. Working together with its sister company Nextrom, a premium supplier of manufacturing solutions for fiber and optic cable equipment, Rosendahl operates in over 100 countries and employs around 500 people at six locations.
A historical milestone was the development of the first extrusion line. The extrusion technology, under continuous development over the years, forms one of Rosendahl’s key areas of expertise and strengths. The development in SZ-stranding, foaming and in the fiber optic cable segment motivated Rosendahl to enlarge its product range in order to serve the evolving market. Later, RF welding and corrugation technology solutions were also developed and have since then successfully supported Rosendahl’s current field of expertise.

Rosendahl steadily invests in its development. The ROEX extruder generation and the enlarged crosshead series are important results enabling Rosendahl to serve the market with continuous technological advancements.

MODERNIZATION, EXPANSION AND INTERNATIONALIZATION
Rosendaal's ROEX extruders are designed to meet the special needs of cable production. Continuous improvement of screw design and process control guarantee state-of-the-art technology for all applications.
Rosendahl SZ-stranding merges know-how with economic advantages. This technology allows for continuous, high-speed production. The successful SZ-series enables very long production lengths due to stationary pay-off stands.
Rosendahl developed solutions in corrugating various product types in supporting smooth or corrugated product design. It is a unique welding technology for continuous production that is customized to tape materials and application requirements.
For the production of premium optical fibers, Nextrom offers turn-key solutions in the fields of preform and fiber production, utilizing VAD, MCVD & OVD technology. Rosendahl’s and Nextrom’s fiber optic cable manufacturing systems support the market requirements for customized production.
Rosendahl manufactures a wide range of products for the low voltage building and power cable market. Our range of systems provides simple to fully automated solutions, achieving reliable top quality and productivity. Additionally, we provide materials and extrusion expertise ranging from PVC, PE, LSOH to XLPE with liquid & dry silane.

Wide range of insulation lines for various conductors and materials
Combined SZ-stranding – filling – jacketing lines [round and sector shaped]
Screening applications in SZ-technology
Flat cables & jacketing lines
Rewinding lines
Corrugation lines
Insulation of single conductors and battery cables
Jacketing of multi-conductors and shielded elements
Jacketing of bus- and POF elements

Permanent development in the automotive industry is a continuous challenge for material and equipment suppliers. In an attempt to address production flexibility and cable quality within the changing market requirements, Rosendahl has developed the Rocomat which achieves the shortest colour change length.
Rosendahl & Nextrom – the technology and market leaders in extrusion and SZ-stranding lines for the fiber optic cable production industry – provide world-class solutions including cables for indoor and outdoor applications, access networks and FTTH solutions.

FIBER OPTIC CABLE

Fiber colouring and ribbon lines
Loose tubes, micro tubes, mini-bundles and ribbons – secondary coating lines
SZ-Stranding lines for dry and/or jelly filled cables
Jacketing lines for duct, direct buried and ADSS cables
Tight buffering and premises cable production lines
Plastic optical fiber (POF) coating lines
Mechanical and optical measuring & test equipment
Insulation lines for solid, chemical and physical foamed cores (PE, PP)
Insulation lines for high temperature applications (FEP, PFA)
Jacketing lines for copper LAN cables

Rosendahl completes its total range of products with a broad scope of material properties, from PE to fluoro materials, combined with precision-manufactured multi-layer extrusion crossheads.
The combination of Rosendahl's physical foaming technology with its welding and corrugation lines forms the basis for turnkey projects supporting our partners in cable design, process and material know-how guaranteeing a reliable performance. Audits of existing equipment and suggesting upgrades for all kinds of RF and coaxial cable production lines for drop, trunk, feeder, jumper and low attenuation cable help secure up-to-date production equipment.

### Insulation lines for physical & chemical foamed mini-coaxial and CATV products

### Insulation lines for physically foamed RF products

### Forming, welding & corrugation lines

### Jacketing lines for coaxial cables

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COAXIAL CABLE

EXTRUSION • CORRUGATION
Power cable insulation/jacketing for various materials

Single and multi-layer insulation/jacketing, including quick colour change for automotive wires

Single and multi-layer FOC for tight coating, loose tubes and jacketing

Multi-layer foaming of PE, PP and fluoro materials for LAN

Oil temperature controlled crosshead for RF cables

Single and multi-layer applications for micro coaxial cables with PE, PP and fluoro materials

The Rosendahl crosshead series is designed to meet the needs and requirements for different types of cables and fits every extrusion line. The series is comprised of crossheads for insulation and jacketing purposes. The Rosendahl crosshead series prevents process-deviations and increases quality and efficiency.
Continuous high investment in R&D is one of the key factors to our success. We focus on discovering new knowledge and reconsider our present methods. This strategy enables us to apply the newly discovered and up-graded methods to our products, processes and services in order to satisfy market needs at the highest and best possible level.
Customer focus is a central value at Rosendahl. In order to cope with the demands of today and tomorrow, we always strive for the right solution with the right service to fulfil the customers’ needs for varying applications.
Detailed Information on Service and Sales Centers: www.rosendahlaustria.com