

LINE DESIGN

Architects at your service



Extron pays wonderful attention to the operators and develops solutions that make everything run smoothly.

Kai Vesala, Operations manager at Rani Plast Ltd.

Extron is the expert in designing and manufacturing automated extrusion lines, units and parts for the plastic industry. Our comprehensive selection includes high-quality solutions for pipe, blown film and coating lines, such as extruders, die heads, winders and a variation of tools to boost and control the whole extrusion process.

SEAMLESS INTEGRATION

Blown film, pipe and coating lines often consist of equipment from more than one supplier. Our extrusion units and devices are designed to operate seamlessly as an efficient part of the line.

MAINTENANCE AND SUPPORT

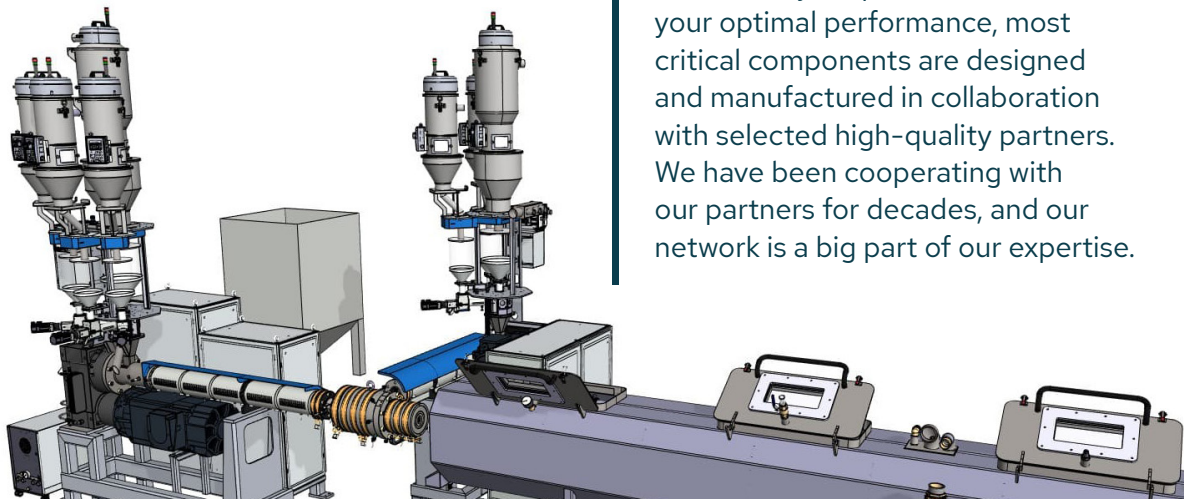
We know all the steps of the extrusion process. Thanks to our expertise in design, maintenance and manufacture, your line operates efficiently and reliably throughout its service life.

UNITS FOR YOUR NEEDS

We provide our high-quality products such as extruders, gravimeters, winders, MECARING sealing units, raw material transfer equipment and VASTE application to ensure maximum performance.

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HIGH-QUALITY LINE IS BUILT FROM HIGH-QUALITY ELEMENTS



From our wide range of products and turnkey solutions, you can choose just the elements you need to streamline your process. To secure your optimal performance, most critical components are designed and manufactured in collaboration with selected high-quality partners. We have been cooperating with our partners for decades, and our network is a big part of our expertise.

BLOWN FILM LINES

From thin masking films to packaging films and heavy-duty sack film, we always consider the high requirements of the plastics industry professionals. In addition to unit design and delivery, we provide training and preventive maintenance to keep your production running. Our intelligent design and reliable delivery cover all blown film line units from silo to storage.

Blown film line example: 1-layer blown film line for medical film products. Web width 180mm, thickness 150um, output 40kg/h and line speed 30m/min.

PIPE LINES

We design and provide extruders, pipe die heads and inserts, calibration tools and gravimetric systems, as well as associated downstream equipment including vacuum calibration baths, water cooling baths, haul-offs, cut-off saws, coilers and more. Our partial or complete delivery always includes the desired level of automation, adjustable layout and the necessary equipment.

Pipe line example: Three-layer pipe line NS 32-110 with online belling and ring inserting. Output 400kg/h PP and line speed 15m/min. Possibility to run 30% filling material.

COATING LINES

We offer a wide range of solutions for coating and laminating stations and raw material handling. Our main expertise is in the design, manufacturing, implementation and development of extrusion section of your line. All our projects are customized to match your unique needs.

Extrusion coating line example: Web width 3400 mm and line speed 500 m/min. Two coating stations 3 x EX-160 each. Type of coating: 1- and 2-sided PE, PET, BIO. Coating output per station max 3000kg/h.

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