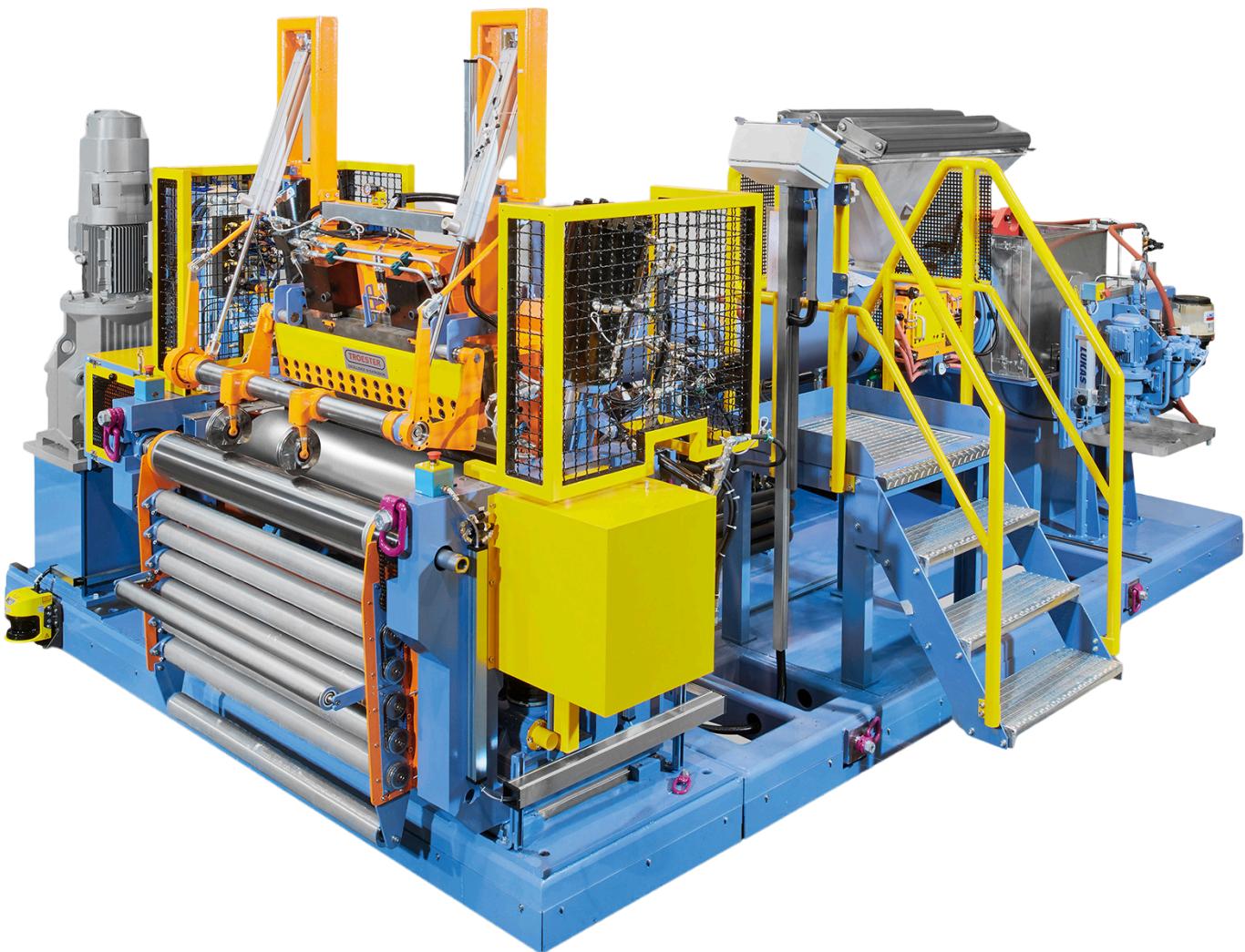


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SINGLE-ROLL ROLLER DIE SYSTEMS

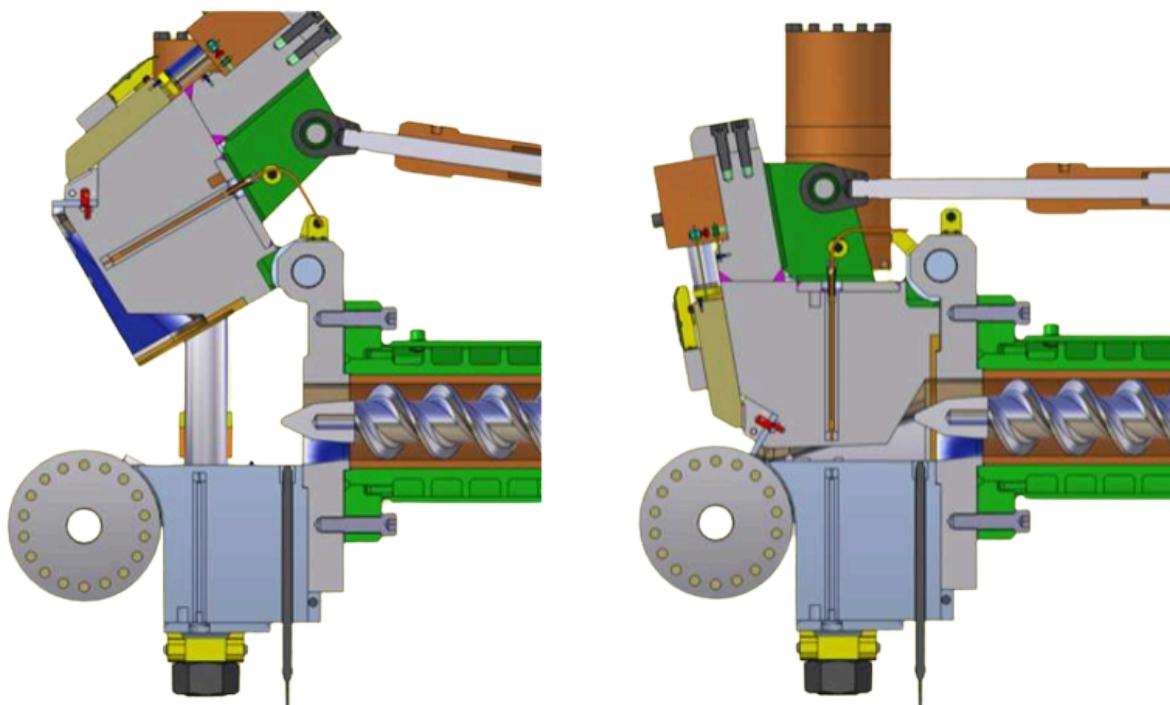


PRECISION IN RUBBER PROCESSING - SINGLE-ROLL ROLLER DIE SYSTEMS

The Single-Roll Roller Die can be used to produce high-quality profiled rubber sheets in different widths and thicknesses, such as, for example, sidewalls for automobile tires, rim strips, profile strips (also with undercut and highly sensitive, thin wall sections), treads, apex strips, inner liners and rubber sheets.

THE SINGLE-ROLL ROLLER DIE SYSTEMS CONSISTS OF THREE MAIN PARTS:

- The temperature-controlled head with flow channels
- An exchangeable plate die on the hinged upper part of the head
- The temperature-controlled roll in a diameter range 120 to 400 mm



ADAPTABLE FOR DIFFERENT APPLICATIONS:

- CoEx-version available with two extruder
- Trimless for certain applications
- Product width from 20 to 1050 mm

MICRO SINGLE-ROLL ROLLER DIE SYSTEMS

PROCESS ADVANTAGES AND TECHNICAL DATA

- Short change-over times due to easy tooling changes
- Suitable for undercut profiles
- Material swelling after shaping can be controlled by roll speed and roll/die distance
- No porosity even with thicker profiles
- Low compound temperatures due to low die pressure



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