



GermanTwinscrews GmbH

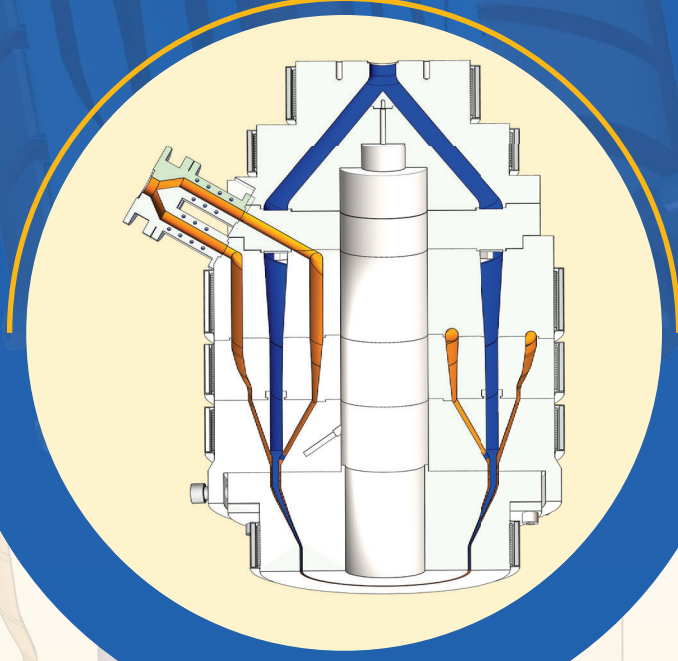
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We invite you to contact us to learn more about our products and services. Our team is ready to discuss your specific requirements and offer customized solutions.

Best regards,

Your GermanTwinscrews GmbH Team

♥ of Extrusion



SPIDER PIPE HEADS

About Us

Since 1995, GermanTwinscrewS has been at the forefront of extrusion technology, specializing in counter-rotating twin screws. Our focus on energy efficiency, environmental responsibility, and uncompromising quality standards has made us a trusted partner in over 100 countries.

We design and manufacture spider pipe heads for mono- and co-extrusion, covering diameters up to 400 mm.

Our Strengths

Outstanding melt quality and high output

Exceptional pipe surface and dimensional accuracy

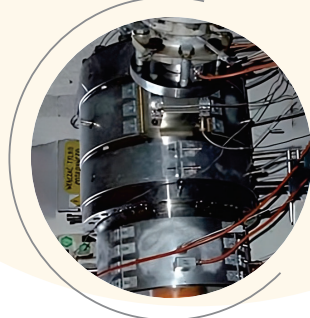
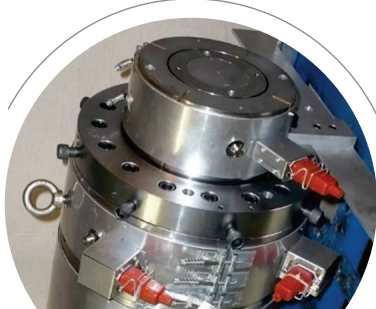
Optimized energy efficiency

Cost-effective, durable solutions

Optimized Flow Channel Design

Our advanced flow channels allow a large melt volume to relieve stress and ensure perfect fusion of the melt streams. This design also maximizes pressure in the parallel section at the die exit, guaranteeing a flawless surface finish inside and out.

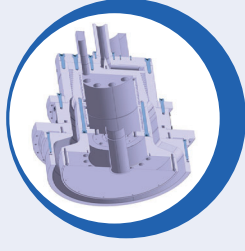
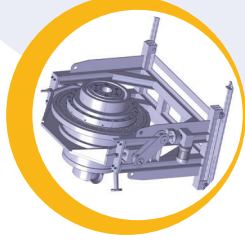
All pipe heads can be equipped with optional thermal die centering. For C-PVC pipes, channels are specially modified and hard-chrome coated (60 µm), manufactured using 5-axis CNC machines with fully automated control.



Spider Pipe Heads

Suitable for all pressure pipe classes according to EN 1452 (DIN 8062). Compatible with most PVC types (Pb-, Ca-Zn-, Sn-, organic stabilizers, foamed or high-filler formulations) and various thermoplastics such as PO.

All spider parts (RG 1 to RG 3) are made of stainless steel, ensuring easy assembly and disassembly.



Multi-Layer Pipe Heads (RCO Series)

Ideal for multi-layer and foam core pipes (90 x 1.8 mm to 400 x 3.2 mm). Supports two or three extruders for different formulations and layers.

Offers easy cleaning and maintenance, with optional configurations for up to 60% higher output or specialized co-extrusion projects.

