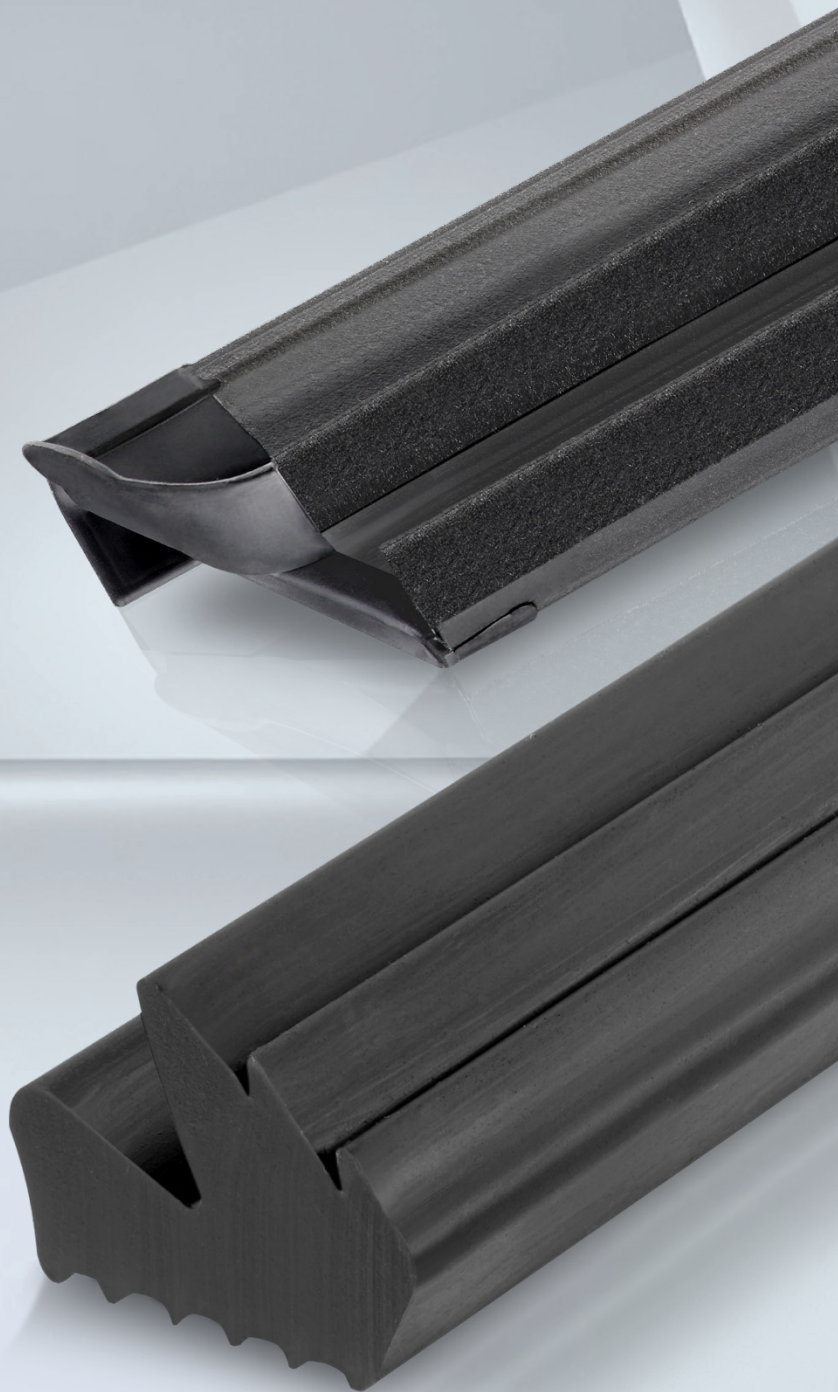


INNOVATION AND TRADITION IN PERFECT HARMONY

DISCOVER OUR HYBRID PROFILE
PRODUCTION LINES

KraussMaffei
Pioneering Plastics

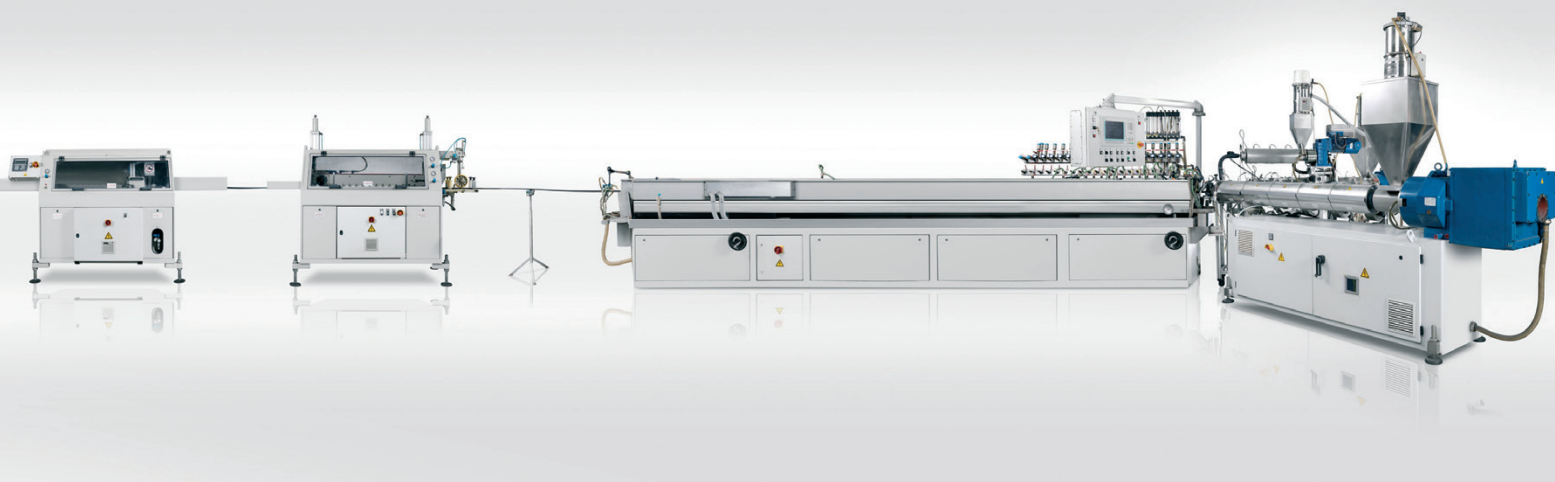


FLEXIBILITY FOR SUCCESS – PERFECT SYMBIOSIS OF INNOVATION AND RELIABILITY

Hybrid profile production lines are our future-oriented answer to ever-increasing market challenges in the field of multi-component plastics profiles, in particular on TPV and PP basis or EPDM and PP basis, further material combinations after consultation. The lines combine pioneering extrusion technology with unparalleled engineering expertise.

Benefits of hybrid profiles as compared to rubber profiles

- Easy processing
- Maximum design freedom
- Suitability for multi-component configuration (rigid/soft components)
- Up to 100% recyclability depending on the material
- Low energy consumption
- No post-treatment required (material-dependent)
- No vulcanization required (material-dependent)
- Straightforward engineering solutions
- Low component weight
- Wide variety of durable coloring options
- No batch variations



Extrusion line for the production of TPV/PP profiles

YOUR BENEFITS:

- Minimum set-up times
- Continuously high output rates
- Maximum machine availability

For your profile production we also design and manufacture technological pioneering systems for the incorporation of steel inserts, flocking systems, co-extruders, winders and cutters and measuring instruments.

Extrusion technology

KraussMaffei single-screw extruders stand out for:

- Uncompromising production safety combined with high output rates
- Premium product quality throughout the entire performance range
- Long service life thanks to a machine concept designed for permanent pressure profile optimization and reduced wear rate
- Excellent cost-performance ratio

Extrusion head

- Optimized flow channel geometry
- Easy head opening
- Rapid die change

Calibration cooling channel

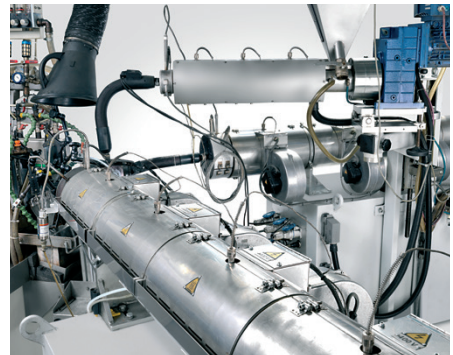
- Function and performance tailored to meet the specific requirements of hybrid profile production lines
- Multi-step immersion cooling system provides uniform profile cooling
- No contamination or calcium deposits thanks to closed cooling water circuit
- Tank and pump are integrated into the modular system
- All components in contact with water are made of high-quality special steel
- Blow-off station equipped with flexible air nozzles



Perfectly matched calibration cooling channel



Central operator panel for easy control of the profile production line



Extrusion head for up to 5 different compound components

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