

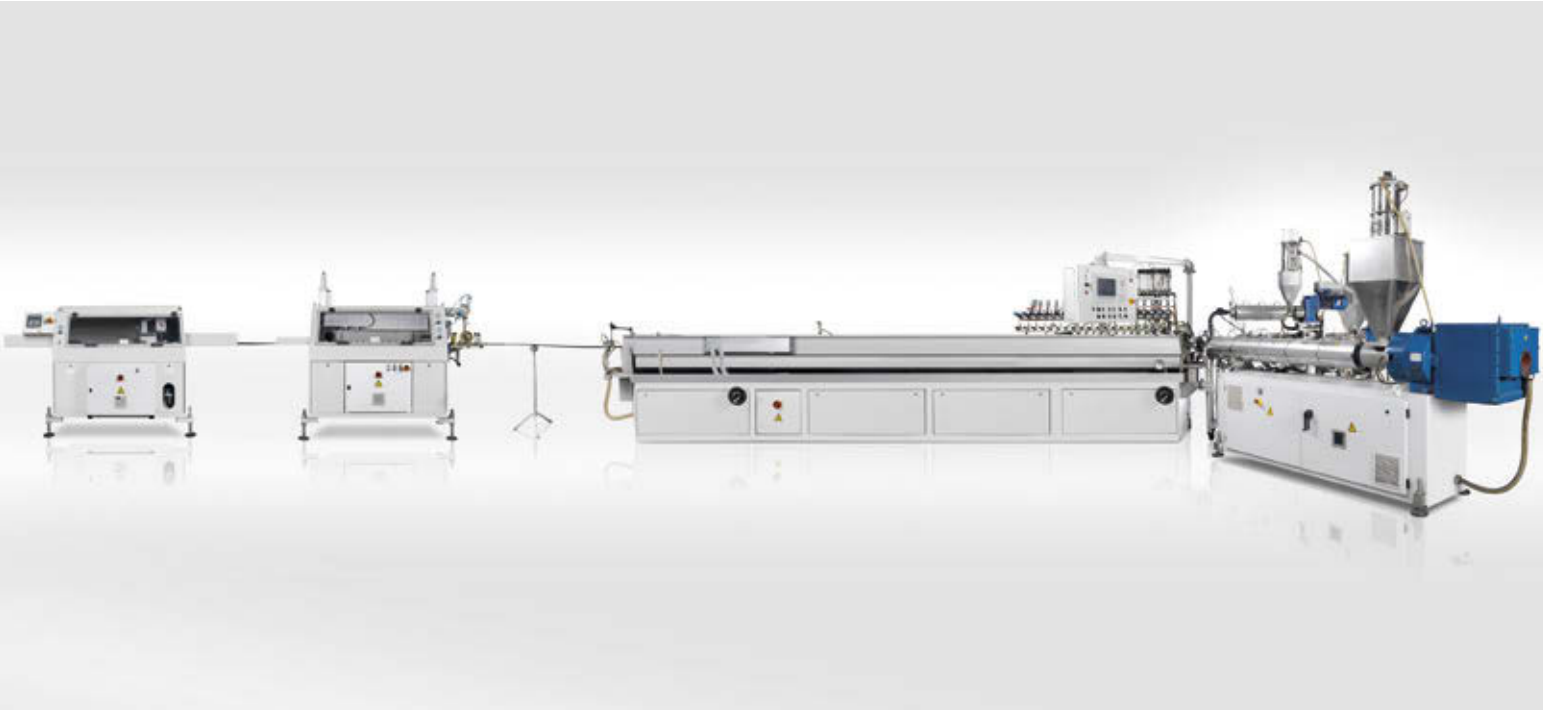


Innovation and tradition in
perfect harmony.
Hybrid profile production lines

Engineering Value

Krauss Maffei
Berstorff

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 TPE and PP basis. KraussMaffei Berstorff 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)
- 100% recyclability
- Low energy consumption
- No post-treatment required
- No vulcanization required
- Straightforward engineering solutions
- Low component weight
- Wide variety of durable coloring options
- No batch variations



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

Extrusion technology

KraussMaffei Berstorff 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

Your benefits:

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

The KraussMaffei Berstorff product portfolio also includes design and manufacture of state-of-the-art auxiliary equipment for your profile production – from innovative solutions for the incorporation of steel inserts, flocking systems, co-extruders, winders and cutters right through to measuring instruments.

Innovation and tradition in perfect harmony. Hybrid profile production lines

Reliable and straightforward machine engineering is a crucial factor for hybrid profile production lines. Low investment costs, reduced set-up times, maximum machine availability and continuously high product quality even with complex profile geometries involving up to five different components are characteristic performance features of KraussMaffei Berstorff hybrid profile production lines.



OEE Plus
Boosting cost-efficiency for you

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