

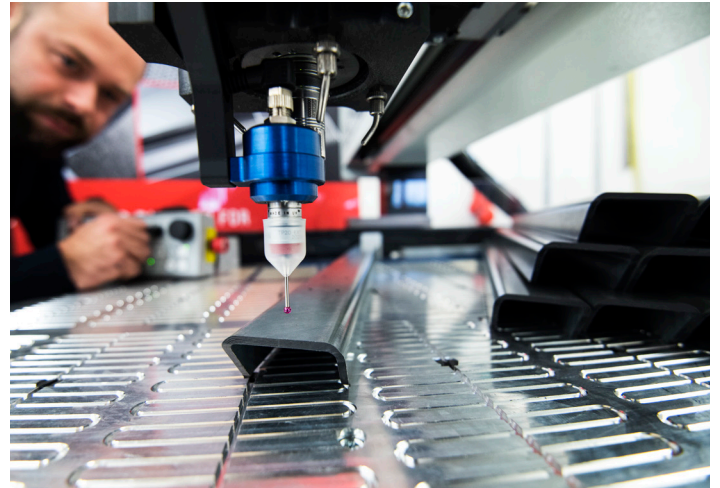
XELIS – THE FOUNDER OF X-CCM[®] (CONTINUOUS COMPRESSION MOULDING)

THERMOPLASTIC COMPOSITE SOLUTIONS

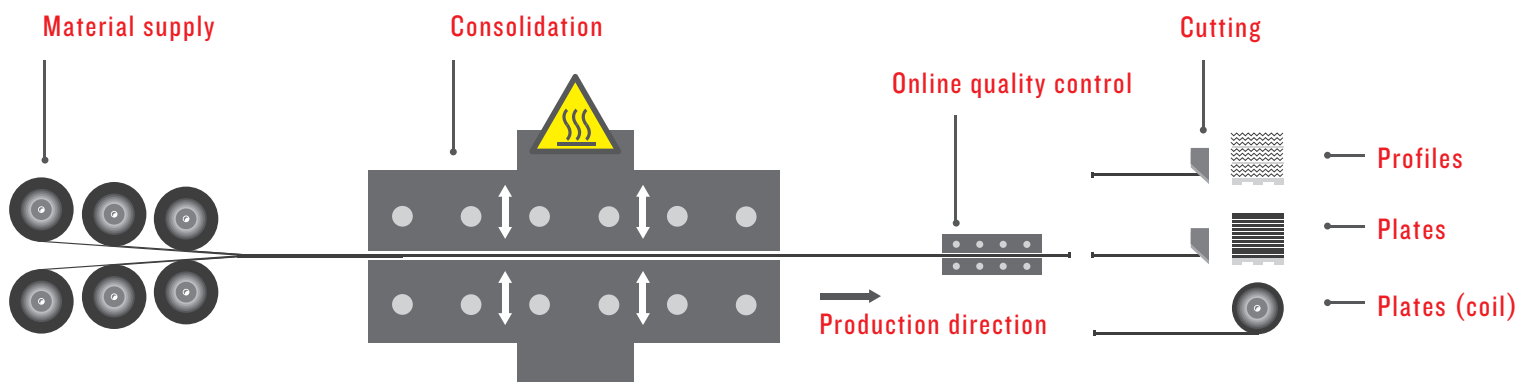
THERMOPLASTIC COMPOSITES

- High fatigue performance
- Excellent mechanical performance
- No propagation of defects
- Low to none moisture absorption
- Short manufacturing cycles
- Excellent machining performance
- Infinite shelf life without extra cooling requirements
- Reparability solutions
- Environmental advantages through recyclability
- High damage tolerance
- Unrivalled processing time





For more than 25 years, XELIS has been utilizing the Continuous Compression Moulding (X-CCM®) on in-house developed and designed X-CCM® machines.



Processing of Thermoplastic Composites

- X-CCM® of profiles and laminates
- Hot stamp forming
- Post processing
- Destructive and Non-Destructive Inspection

X-CCM® – Continuous Compression Moulding

- Fully automated with single operator
- High fabrication speed, lowest void content, full consolidation
- Established for laminate production
- Applicable for various shapes such as J-, T- and I-beams
- Aircraft OEM qualified
- In-process quality control



From the original idea to the production process: we offer the entire product cycle from a single source.



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