YOUR EXPERT SUPPLIER
OF CUSTOMIZED
PRODUCTION SYSTEMS
With decades of experience Hille is a well-established player in the field of special mechanical engineering and process development of composite and textile technologies. Among a team of highly qualified engineers we develop and supply customized production systems for high-performance composite parts and technical textiles. Companies worldwide trust in our technologies and are operating in the following sectors:

- Aerospace
- Automotive and Transportation
- Energy and Environment
- Research and Development
- Textile Industry

The filament winding and the processing of technical textiles accounts for the majority of our core businesses. In these segments we are one of the leading technology specialists for highly dynamic and ultra-precise tension control systems as well as impregnation technologies.

We are always interested in challenging and innovative projects and look forward to discussing any of your ideas.
Efficient production technologies for your high-performance composite pipes and vessels

Hille offers complete state-of-the-art production systems for the series production of high-quality composite pipes and vessels. We cover the entire process chain of filament winding with our innovative machines and process technologies.

Our technology range includes:

- Multi-spindle filament winding machines
- Creels with ultra-precise tension control systems
- Modular and ‘easy to clean’ impregnation tools
- Advanced process monitoring and control systems
- Mandrels, tools and extractor systems
- Custom-designed production equipment
Innovative manufacturing solutions for the processing of technical textiles and webs

Hille is a well-experienced partner in technical issues concerning the precise processing of textiles and webs. In addition to upgrading existing process chains with our technologies we also offer complete customized textile production systems.

Our portfolio is essentially composed of:

- Complete production lines for textiles and webs
- Adaptive and precise edge control technologies
- Precise and dynamic web tension control systems
- Diverse cutting and joining process solutions
- Process-matched in- and off-line quality control
- Custom-designed production systems
• Supplying composite & textile technologies
• Customizing advanced production systems
• Developing innovative process solutions

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