



# HEXCEL COMPOSITES

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Hexcel's plant was established in Welkenraedt in 1967. It is Hexcel's European center of excellence for Engineered Core (HexWeb® EC), the name we give to our processed honeycomb parts that are machined and finished in any number of ways and then supplied as ready to fit "drop-in" parts to customers. Key applications for products made at Hexcel's Welkenraedt plant are aerospace structures - for civil and defense aircraft, helicopters and aero-engines. Our facility is ISO 9001, AS/EN9100 Rev. C and NADCAP certified for composites processing.

HexWeb® EC encompasses a wide range of unique processing technologies used to add value to blocks or slices of HexWeb® honeycomb, also known as flat core. With advanced computer-aided design and manufacturing techniques, flat core is formed, shaped, machined and/or bonded to create high quality core details and assemblies to precise customer specifications. With over 60 years of honeycomb manufacturing experience, Hexcel is the leading supplier of Engineered Core used in commercials and military aircraft including engine and nacelle applications. The expertise of our manufacturing and engineering staff, combined with extensive research and unique core processing technologies, results in precise complex shapes and core assemblies that allow our customers to streamline their production process and eliminate capital investment through the purchase of Drop In point of use components.

HexWeb® EC provides the following advantages for your volume production program:

- I. High quality components
- II. Precise dimensional tolerances
- III. Fewer manufacturing stages and processes
- IV. Dedicated technical support from Hex-Web® EC experts

Hexcel Corporation is one of the largest US producer of carbon fiber; the world's largest weaver of reinforcement fabrics; the number one producer of composite materials such as honeycomb, prepregs, film adhesives and sandwich panels; and a leading manufacturer of composite parts and structures.

