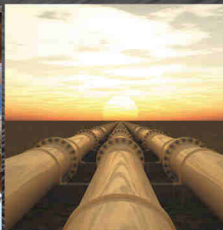




ENGINEERING TECHNOLOGY CORP.

Toray Group



GLOBAL
EXPERT IN
FILAMENT
WINDING &
COMPOSITE
SOLUTIONS

FiberGrafix[®]
THE FILAMENT WINDING SOLUTION

WINDING PATTERN
GENERATION



MORE THAN MACHINES

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DESIGNED & MADE IN THE USA

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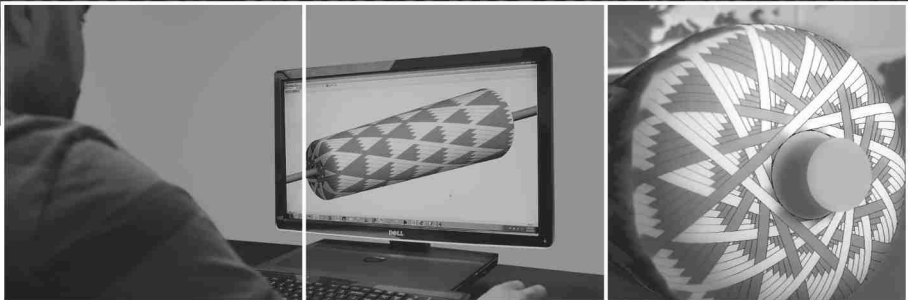


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FiberGrafix®

Winding Pattern Generation



- Innovative software application for filament winding pattern generation
- Simplifies machine motion creation for up to six axes of motion
- Ideal for all phases of composite part creation
- Microsoft Windows 10 compatible

Features

Layer Management	Easily create, modify and organize composite layers
Mandrel Creation	Intuitive creation of axisymmetric geometries with DXF import
Fiber Path Engine	Precisely control fiber placement by accounting for fiber slip and bridging tendencies
Winding Simulation	Import winder CAD data and simulate part winding
Machine Motion Editor	Enhanced machine motion editing capabilities
Finite Element Analysis	Define and output 3D shell models to FEA software package
Production Data	Determine production rates and fiber consumption