

COMPOSITES &
AUTOMATED SOLUTIONS

Comprehensive Composites & Automated Solutions

Cincinnati, Forest-Liné, Dufieux and Lund

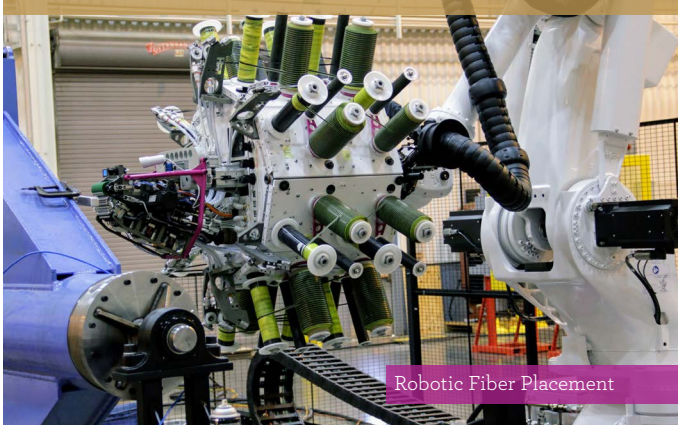


Delivering performance for the industry of the future

- Automated Tape Lamination (ATL)
- Automated Fiber Placement (AFP)
- Hybrid Tape Lamination (Slalom)
- In-Process Inspection technology (COAST)
- Process & Automated Solutions
- Custom Lamination Equipment
- Fives Service & Support

Fives is responsible for the largest install base of fiber placement and tape laying machines in the world.

Standard Equipment



Robotic Fiber Placement

Wide range of standard products and platforms for:

- Automated Fiber Placement (AFP): Cincinnati VIPER
- Automated Tape Laying (ATL): Cincinnati CHARGER and Forest-Liné ATLAS
- Hybrid Wide-Tow Tape Laying: Lund SLALOM

Custom Equipment



Spar Forming

Purpose designed/built to match the application

- Forming - Spars, Stringers, Frames
- Laminating
- Fillers

Process & Automated Solutions



Forest-Liné Madras

Focusing on developing the future through:

- COAST: Composite Optical Automated Surface Tracking
- Process automated solutions in material handling, material delivery, and assembly
- Net Thickness and Ply by Ply Forming
- Spar/Fuselage Co-Bond

Services & Support



End-to-End Support

Customer care

- Application Engineering
- Process Optimization
- Advanced Training
- Maintenance
- Install Base Productivity Enhancements:
 - AFP
 - ATL

The information provided on this document is for information purposes only and does not constitute a legal obligation or a warranty, express or implied, of any kind.

CONTACT

Fives Machining Systems, Inc
 fivesmsi-sales@fivesgroup.com
 T +1 (859) 534 4600

Fives Machining Systems, Inc
 2200 Litton Lane | Hebron, KY 41048
 www.fivesgroup.com

