



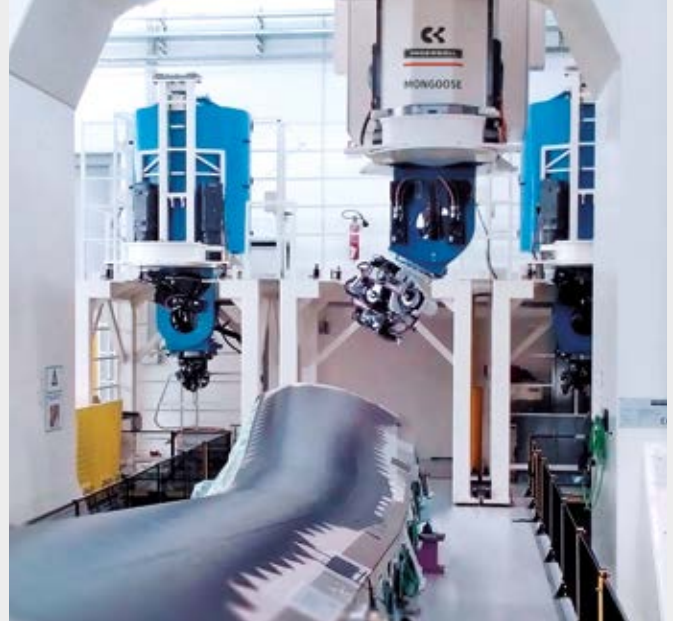
INGERSOLL

Machine Tools

# MONGOOSE HYBRID™ MULTIPURPOSE CENTER FOR COMPOSITE MANUFACTURING



# MONGOOSE HYBRID™



**Mongoose Hybrid™** is the latest evolution of **Ingersoll Machine Tools** iconic AFPM first released in 2009.

**Mongoose Hybrid™** is a multipurpose center for composites manufacturing that complements the original **Mongoose™** fiber placement unique capabilities with a complete array of additional modules that let you also tape lay, trim, inspect, 3D-print and mill.

These multiple configurations are automatically exchanged and operated to increase the quality and the productivity of your lay-up process.

**Mongoose Hybrid™** can fiber-place, tape-lay and inspect a wide variety of carbon fibers materials from the most common to the most challenging including epoxies, BMI, thermoplastics, carbon fiber, glass fiber, and more.

**Mongoose Hybrid™**'s size and configuration can be easily tailored and optimized to fit your process and meet your end-user needs.

## Configuration:

- 4 to 32 tow varieties (1/8", 1/4", or 1/2" wide)
- Multiple modules automatically exchanged:
  - fiber place
  - tape laying
  - trimming
  - automated inspection
- Siemens 840D
- Programming, simulation, optimization, and diagnostics performed through Ingersoll proprietary software.

## Sector:

- Aerospace
- Naval

**Ingersoll Machine Tools, Inc.**  
707, Fulton Avenue  
Rockford, 61103 Illinois  
USA  
Tel. +1 815 987 6000  
info@ingersoll.com

