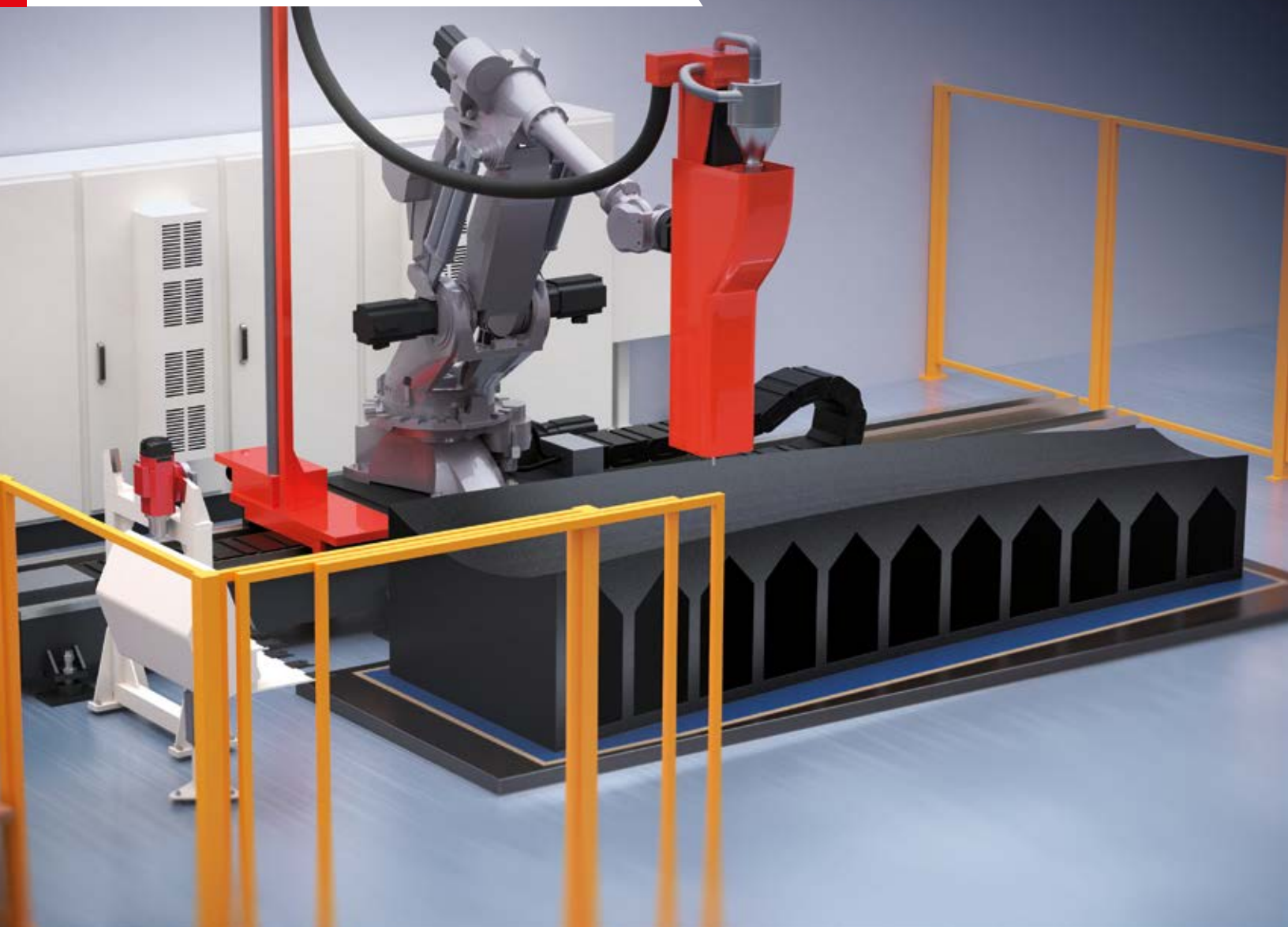




**INGERSOLL**

Machine Tools

# **MASTERPRINT ROBOTIC™ ROBOTIC THERMOPLASTIC 3-D PRINTER**



# MASTERPRINT ROBOTIC™

**MasterPrint Robotic™** is just one addition of **Ingersoll Machine Tools'** family of Additive Manufacturing robotic equipment that provides your company with the ability to seamlessly program, simulate, 3D print and mill large composite parts in a single piece.

**MasterPrint Robotic™** has disrupted and transformed the traditional way to procure and manufacture large tools by:

- shortening the lead time from months to weeks
- reducing manufacturing cost by 90% (no cutting, welding, stress relieving, minimal milling and assembly)
- fast prototyping provisional tools for short programs and pre-production runs
- overprinting, re-milling, improving, re-using existing 3D-printed tools
- choosing and 3D-printing the polymers most suitable for your application

## Configuration:

- Available as hybrid with multiple modules operated by the same robot:  
3D-printing, milling, fiber placement, tape laying, inspection, trimming
- Siemens 840D SL CNC
- Ingersoll proprietary software for programming, simulation, optimization and diagnostic

## Sector:

- Aerospace
- Naval

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## Specifications

Working volume starts 3 m long - 1.5 m high- 1.2 m wide

Extruder throughputs go from 150 lbs/h to 350 lbs/h fed by equal size drier equipment

