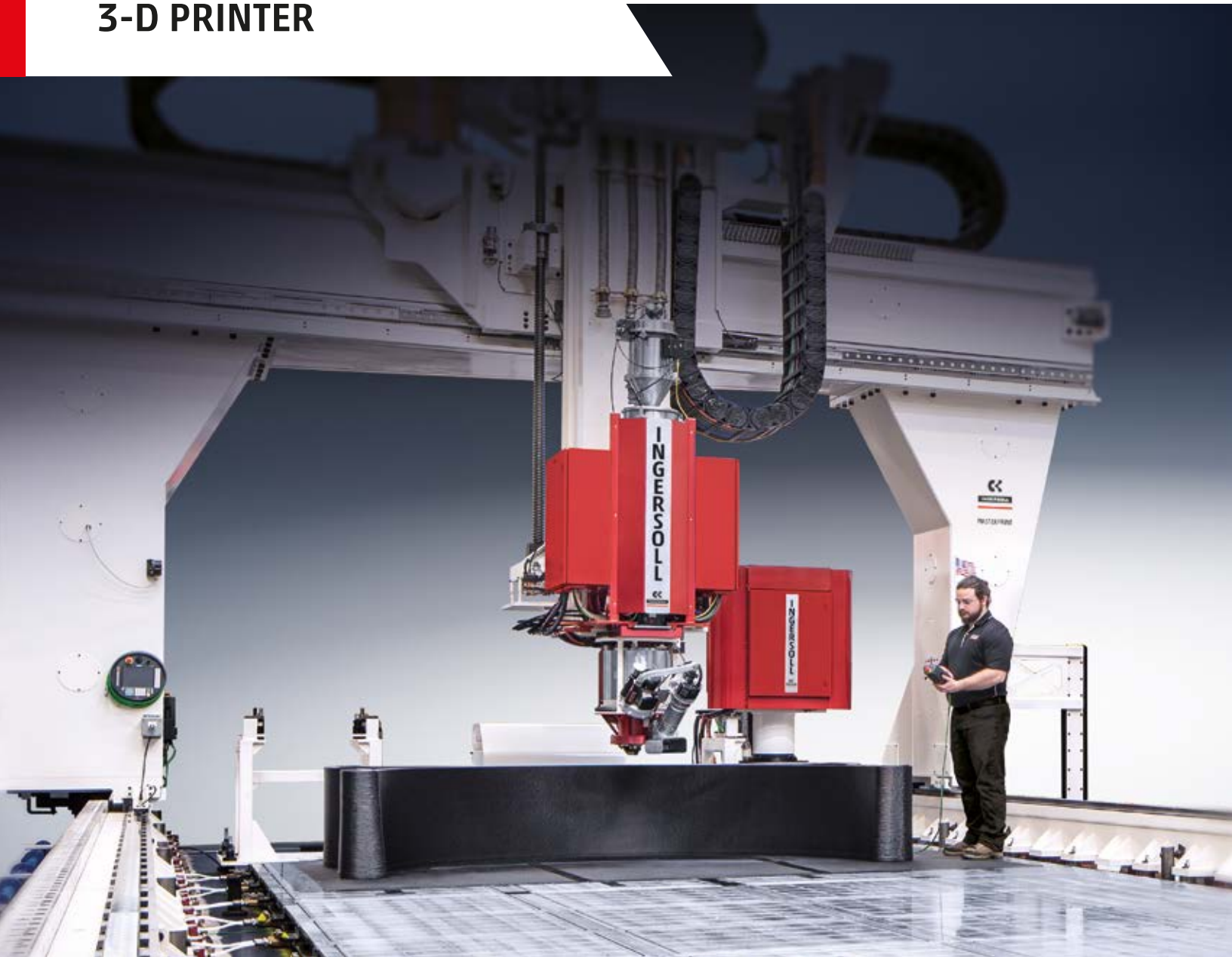




INGERSOLL

Machine Tools

MASTERPRINT™ **LARGE THERMOPLASTIC** **3-D PRINTER**



MASTERPRINT™

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

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

- shortening the lead time from months to weeks
- reducing manufacturing cost by 90% (no cutting, no 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 under the same gantry:
 - 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 at X 6 m – Y 4 m – Z 2 m

Extruder Nominal throughputs go from 150 Lbs/h to 1.000 Lbs/h fed by equal size drier equipment

5 axis milling head outputs 25kW pf power and has 18.000 rpm max spin - HSK 63A

