

CI SOLIDIFIES RESOURCE MEMBERSHIP WITH IACMI

December 2016 Press Release

Cincinnati Incorporated, builder of innovative, durable and high performance machine tools, solidified its Resource Membership agreement in November with IACMI-The Composites Institute, a 100+-member University of Tennessee, Knoxville and Department of Energy led consortium committed to increasing domestic production capacity and manufacturing jobs across the U.S. composites industry.

The commitment as a five-year resource member leverages \$3M of equipment at the Tennessee Materials and Processing Center and includes a range of benefits on important issues such as strategic planning, road mapping and development of future projects.

“Cincinnati Incorporated has built its reputation on innovation, performance and endurance, and we’re eager to extend our longstanding partnership with a truly unique member that will bring vast capabilities to IACMI’s portfolio of assets,” said Bryan G. Dods, IACMI CEO.

In 2014, the century old small business partnered with the Department of Energy’s Oak Ridge National Laboratory to develop an innovative large-scale 3D printer, called BAAM or Big Area Additive Manufacturing. The breakthrough technology received the “JEC Composites Magazine Special Prize” at the 2016 JEC World Composites Show And Conference for two fundamental advancements to the platform; screw-extrusion technology for deposition, which allows the BAAM system to deposit material 200 times faster than existing systems using a low-cost pelletized feedstock to reduce the cost of production by a factor of 20; and development of an industry-first ability to deposit carbon fiber-reinforced plastic pellets, which can double the strength of components and increase the stiffness by a factor of four to seven.

Cincinnati Incorporated Vice President of Engineering, Randy Adams, states, “From metal fabrication to additive manufacturing, we look forward to new product development capabilities and subsequent sales as a result of IACMI’s positive impact and

partnership. By working together, we can better deliver game-changing products, services and technologies that continue to redefine the future of manufacturing.”

ABOUT CINCINNATI INCORPORATED

Headquartered in Harrison, OH, CI engineers and builds machine tools to the standard of ruggedness required in the North American market – with premium engineering features that stand

up to years of rigorous use in demanding environments. Since the late 1890s, we’ve built our reputation on three principles: innovation, performance and endurance. Over the years we’ve continually solidified our leadership position by providing manufacturers with accurate, dependable laser cutting and automation, as well as metal fabrication equipment, including press brakes, shears and conveyor systems, powder

metal presses, and most recently, the BAAM (Big Area Additive Manufacturing) large-part additive system. Today we continue to remain responsive to the changing needs of industry embracing new ideas and technology – while staying true to our heritage and principles.

ABOUT IACMI-THE COMPOSITES INSTITUTE

The Institute for Advanced Composites Manufacturing Innovation (IACMI), managed by the Collaborative Composite Solutions Corporation (CCS), is a partnership of industry, universities, national laboratories, and federal, state and local governments working together to benefit the nation’s energy and economic security by sharing existing resources and co-investing to accelerate development and commercial deployment of advanced composites. CCS is a not-for-profit organization established by The University of Tennessee Research Foundation. The national institute is supported by a \$70 million commitment from the U.S. Department of Energy’s Advanced Manufacturing Office, and over \$180 million committed from IACMI’s partners. Find out more at IACMI.org.

