Companies

ESCO Turbine Technologies-Cleveland Invests in New Equiax Shell Room

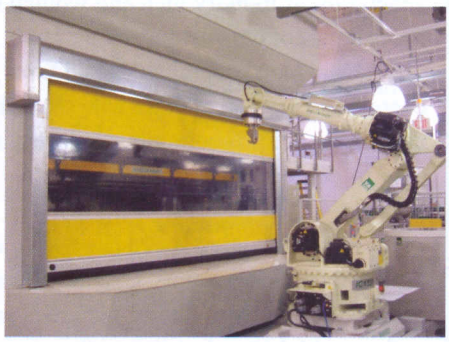
Responding to strong customer demand for equiax castings for aerospace and power generation applications, ESCO Turbine Technologies has purchased robotic shell room equipment from VA Technologies (UK). The equipment will be housed in a new 3,500 square-foot equiax shell room at the company's Cleveland facility and will provide enhanced process control, safety and capacity for further growth.

The new shell room equipment allows equiax molds to move from pattern wash, through the entire shell build process without human intervention, to be presented complete and ready for dewax.

According to Brian S. Hoover, President, ESCO Turbine Technologies - Cleveland, the layout of the new shell room within the Cleveland facility "enhances product flow from wax injection through shell build, and incorporates a temperature-controlled mold inspection and insulation room. Wasted motion is significantly reduced, and unnecessary transport of molds is being eliminated."

"This investment shows ESCO's strong commitment to strategically align capital purchases with the market's demand for more capacity, and opens the door for additional business growth opportunities for ESCO Cleveland," he continued. "Purchasing this state-of-the-art equipment from VA Technologies allows ESCO to be more competitive and will reduce waste in material usage and scrap."

ESCO Turbine Technologies - Cleveland

ESCO Turbine Technologies-Cleveland's new equiax shell room. The complete system includes two robots and tanks, sanders, rinse and blow-off stations and transfer stations. Clockwise, from upper left: robot, producer (vertical storage conveyor for drying), and drum sander; close-up of robot and producer; prime drying conveyor; final drying conveyor.

With more than 300 employees, ESCO Turbine Technologies-Cleveland provides a wide array of critical components to the aerospace and power generation industries. The facility produces hot gas path (HGP) components such as directionally solidified (DS), single crystal (SC) and equiaxed blades, nozzles, vanes and structural castings. ESCO-Cleveland also provides and manages such post-cast processes as machining, grinding and stem drilling.

VA Technology Ltd. is a primary supplier of shell room systems and equipment solutions throughout the global investment casting industry.

ESCO Corporation is a global manufacturer of engineered metal wearparts and components for industrial applications – including mining, construction, power generation and aerospace. For nearly a century, the privately held company has been headquartered in Portland and currently has more than 3,600 employees worldwide.