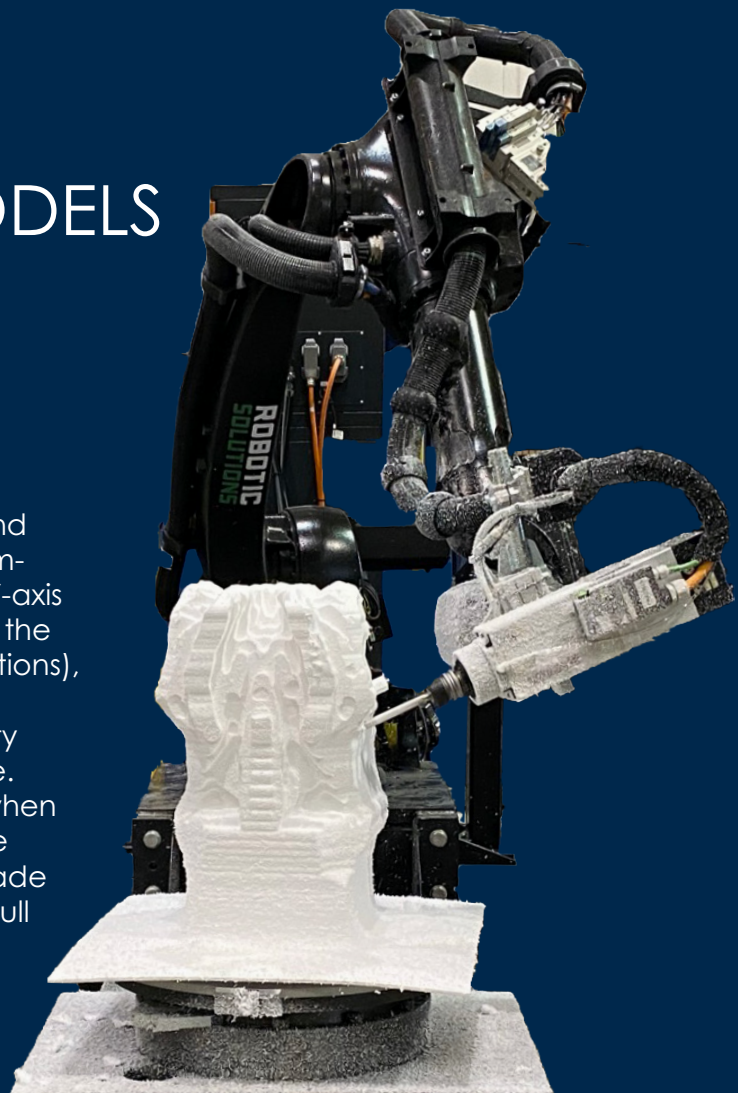


WE MAKE YOUR 3D MODELS COME TO LIFE!

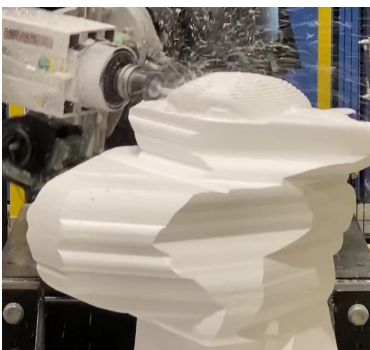
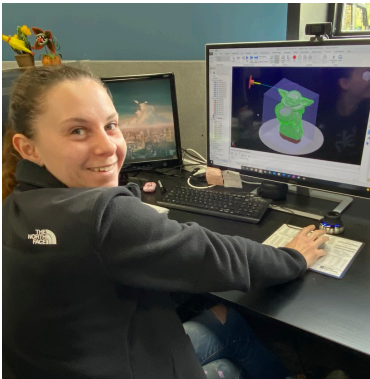
MEET "THE KUKA"

Our Robotic Machining Cell, the RMC60, speeds up and simplifies machining processes. The RMC60 is a medium-size, high-accuracy system for components requiring 7-axis machining capability. Manufactured by KUKA (one of the world's leading suppliers of intelligent automation solutions), and integrated by Robotic Solutions (an Official KUKA System Partner), our robot machines low to high density foams up to 8' tall and/or 8' diameter in a single piece. Our robot provides high accuracy and repeatability when milling complex dimensions, and allows for a complete digital workflow by precisely transferring 3D models made on the computer to real-life sculptures. Our robot has full CNC-type operations including automated tool changers, tool pre-setters, hotwire harps, probes, 3D scanners, and so much more.



HOW DOES IT WORK?

Our technicians model your design and vision on the computer using PowerMill® by Autodesk programming. KUKA software translates the model for the robot. The robot begins work on your object by first cutting away extraneous foam using a hotwire. When needed, the robot automatically changes milling tools to suit the job. During milling, the robot uses precise calibration to detect the position of the tool in relation to the workpiece. Position determination is essential for exact implementation of the computer model. Within a few hours the object has been carved. It is then coated with a layer of resin so that the object can withstand the rigors of usage. Need multiple versions of the same object? No problem! Once programmed, objects can be rapidly duplicated.



RECYCLE: SCRAP FOAM MATERIAL MANAGEMENT

Our Avangard Innovative Heat Melt Densifier safely processes the unusable foam block cutaways by shredding, heating, and forming them back into foam blocks which can then be recycled. (All Avangard Innovative foam densifiers have passed rigorous air quality testing for health and environmental safety.)

OUR STUDIO

Scenic Solutions is a full-service manufacturing shop. We utilize state-of-the-art equipment to fabricate scenery, environments, and displays to your specifications creating experiences that captivate and inspire.

WHO WE ARE

Dedicated to quality and craftsmanship, Scenic Solutions provides services for the entertainment industry and other entities needing products associated with entertainment, display, or custom fabrication. Mary Beth McLaughlin and Dan McLaughlin, founded Scenic Solutions in 1996 to address the needs of local theatre organizations and venues. With a culture based on equity, diversity, and inclusion, Scenic Solutions is a family-oriented company with a history of providing peerless service to our clients.



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