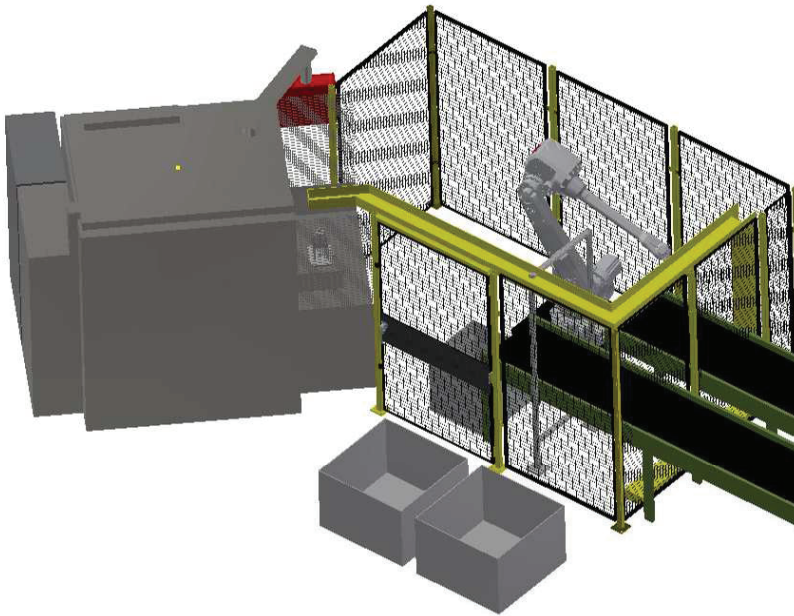


# AUTOMATION & ROBOTICS



## CAPABILITIES

- Design, build, install and commission your automation and foundry requirements
- Complete 3D design and robotic simulation
- Experienced in aluminum robotic pour and extraction
- Foundry Material Handling & Automation
- Robot and Barinder auto grinding system load and unload cells
- Robotic grinding and finishing cells

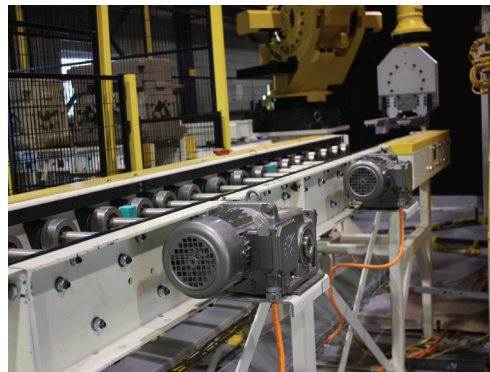
## AUTOMATION & ROBOTICS

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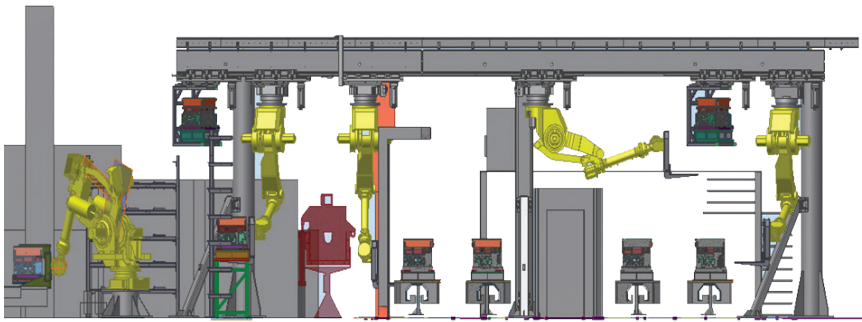
EASE OF  
INTEGRATION

CUSTOMIZED  
DESIGNS

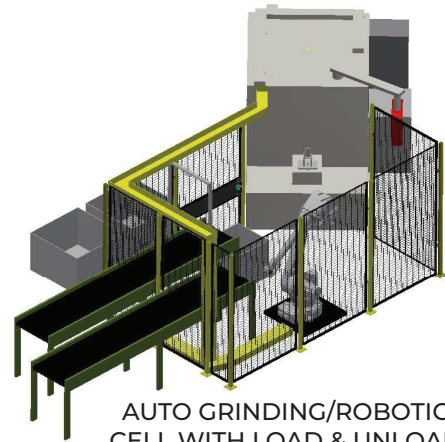
COMPLETE  
AUTOMATED SYSTEMS



# AUTOMATION & ROBOTICS



GANTRY ROBOT & ROBOTIC CELL



AUTO GRINDING/ROBOTIC  
CELL WITH LOAD & UNLOAD

## APPLICATION EXAMPLES



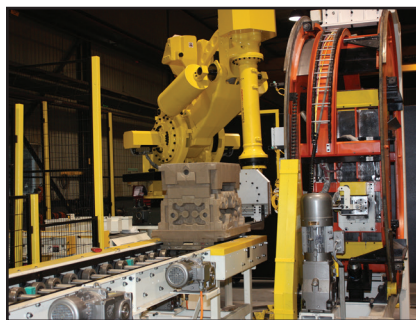
ROBOTIC GRINDING



ROBOTIC ALUMINUM  
POURING



BARINDER AUTO GRINDING  
SYSTEM & ROBOTIC  
LOAD/UNLOAD



ENGINE BLOCK ROBOTIC  
HANDLING SYSTEM



ROBOTIC DEGATING



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