



Robotic Material Removal

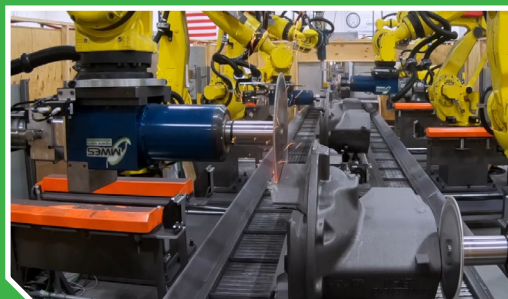
Automating metal removal, degating and deflashing of castings, and even material handling applications, can overcome a shortage of workers that many foundry and casting firms struggle with.

Using cutting-edge technologies including the latest in robotic technology and machine vision, MWES can achieve desired casting finishing production and quality goals while producing more consistent parts and reducing reliance on manual labor.

With today's industrial robots' flexibility and articulation capabilities, robots can easily clear holes, process interior features or passageways, and remove sand defects or parting lines. Our systems' heavy-duty pneumatic or electric spindles can be expanded using automated tool-changing capabilities for applications that require many processes, increasing each robot's utility.

COMMON APPLICATIONS

- Deburring
- Casting Finishing
- Gate & Flash Removal
- Laser Drilling
- Plasma Cutting
- Sanding & Grinding
- Cutting & Sawing



MIDWEST ENGINEERED SYSTEMS INC.

📍 W238N1800 Rockwood Drive Waukesha, WI 53188

☎ 1.414.327.0000

✉ info@mwes.com

🌐 mwes.com



WHY PARTNER WITH

Midwest Engineered Systems

Since 1991, MWES has provided automated manufacturing solutions that our customers and partners trust and depend on. We bring our world-class capabilities to any project with solutions that will bring about improved throughput and a return-on-investment.

No matter the industry, our dedicated staff of engineers are adept at understanding specialized and diverse processes from a variety of production environments, to deliver systems that are designed to solve the unique problems each customer is looking to solve.

YOUR AUTOMATION Solutions

- Full Factory Automation
- Assembly Line Automation
- Robotic Welding
- AGV & AMR Integration
- AS/RS Buffer Systems
- Web Handling & Converting
- Case Packing Automation
- Robotic Palletizing & Depalletizing
- Food Handling & Forming
- Vial Filling Automation
- Robotic Press Brake
- Standard Machine Tending
- Robotic Bin Picking
- Robot Laser Cutting
- Custom Machines
- New Product Introduction
- Additive Manufacturing
- Proof of Principle Testing

INTELLIGENT

EXPERIENCED

DEDICATED

WE ARE INNOVATION THROUGH AUTOMATION

RESPONSIVE

EFFICIENT

SUPPORTIVE

TRUST US WITH YOUR DATA

MWES is ITAR Compliant

We pride ourselves on our secure facilities, systems and processes that ensure our customer's and partner's trade secrets is our top priority.

WE HAVE YOUR BACK WITH 24/7

Customer Service & Support

We offer prompt **24/7** service and support for all of our products and provide support for systems developed by other automation integrators.

- Technical support
- Preventative maintenance
- Replacement parts
- On-site system integration
- Operator, programmer & maintenance training
- Field service for most robot brands
- Productivity improvements
- System retrofits & upgrades
- HMIs – standard & custom
- System modernization
- Offline programming
- Entire automation system audits

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