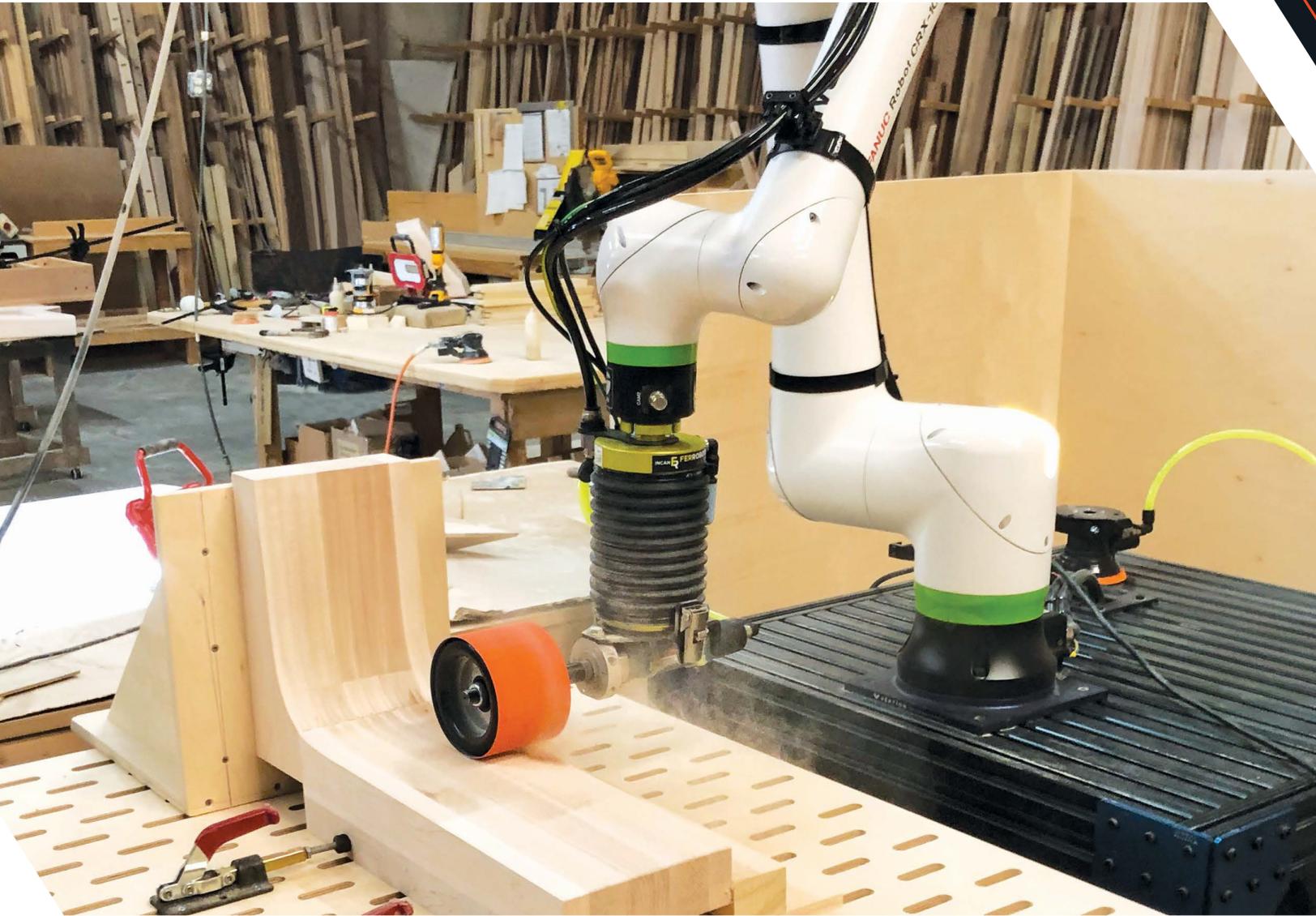




AUTOBRADE™

A **DYNABRADE** Company

Automation and Robotic Solutions



- ▶ Improve Consistency
- ▶ Increase Output
- ▶ Save Time & Rework

- ▶ Automate Dangerous & Repetitive Jobs
- ▶ New Ways to Perform Traditional Skilled Labor

WWW.AM-IND.COM

Headquarters & Sales Office
Rahway, NJ
800.864.2660

Safety Services
Avenel, NJ
800.610.5600

Northern NJ Office
Fair Lawn, NJ
800.622.1363

New England Office
West Lebanon, NH
800.225.6711

CT Office
Middletown, CT
800.771.1233

PA Office
Stroudsburg, PA
855.207.0400

A&M
INDUSTRIAL
PRODUCTS | SERVICES | SOLUTIONS

How we can help...

- ▶ Proven application **KNOW HOW!**
- ▶ A Dynabrade company with over 50 Years of solving industrial applications.
- ▶ We offer the widest range of **ROBOT END-EFFECTORS** to compliment any application including: grinding, sanding, deburring, polishing and deflashing.
- ▶ Our tools are designed to perfectly integrate with collaborative robots, ensuring simple set-up, reliable operation, smooth user experience, and easy programming. The result is fast, smooth, and low-risk integration.
- ▶ Being experts in process solutions, Autobrader can solve a customer's finishing concerns by providing proof of concept work at our in-house laboratory.
- ▶ **Surface Finishing Tools that include:** Small Belt Sanders, Grinders, Random Orbital Sanders, In-Line Stroke Sanders, Die Grinders, Slow Speed Surface Finishing Abrasive Tools, and much more!
- ▶ Full line of ISO flanged tools with millibar connection ready to be commissioned.
- ▶ Clean Air Solutions including explosion proof vacuums, wood downdraft tables and metal downdraft tables to keep your environment clean and safe.

The FerRobotics Perfect Touch

- ▶ Add the human sense of touch.
- ▶ Use active compliance to get superior results on parts that have slight variations.
- ▶ Full range of Active Contact Flange-Kit™ (ACF-K™) flanged tools.
- ▶ Ease programming complexity with active force compliance.



Active Contact Flange-Kit™ (ACF-K™)

VERSATILE AUTOMATION KIT FOR COBOT SURFACE TREATMENT

ACTIVE COMPLIANT TECHNOLOGY

Interactive compensation for surface tolerances up to 35 mm with guaranteed consistent contact force. No adaptation of the robot tracks.

SIMPLE SYSTEM INTEGRATION HIGHEST QUALITY STANDARDS

Cleverly simple integration using standard interfaces. The constant feedback on the contact situation, position and actual force smoothly performs the quality inspection.

INTEGRATED GRAVITATION COMPENSATION

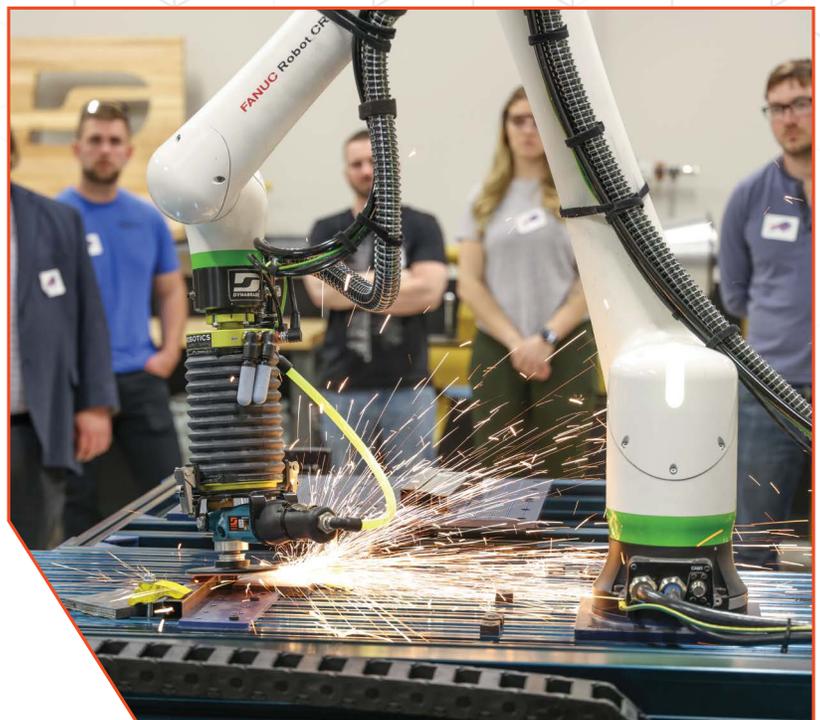
The process force remains constant even with changing orientations. No additional application programming required.

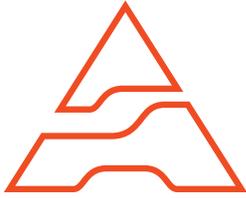
PASSIVE SECURITY AND HIGH-SPEED CONTROL

Mechatronic actuator & sensor element with a high degree of process security using a robust mechanical construction with integrated passive safety and high-speed control.

PLUG'N PLAY SOLUTION

Attach the Dynabrade tools simply to the ACF-Kit™. Fast-Simple-Efficient.





AUTOBRADE™

A **DYNABRADE** Company

**Take On The Work Yourself or
Let Autobrade Integrate
A Complete Cell for You!**



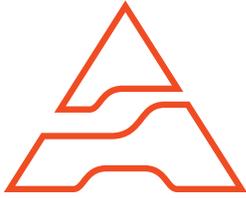
Wide Range of Hardware Solution and Expert Services

Real-Time & Simulated Services Offered:

- ▶ Proof of Concept to ensure desired results before committing to project.
- ▶ Programming and Turn-Key Integration Services.
- ▶ Cell Design & Layout consists of consulting with our network of partners to create the right solution for you.
- ▶ Risk Assessment & Training to ensure safe operation.
- ▶ Future upgrades available.
- ▶ Expand your in-house capabilities to handle more complexity and become self-sufficient.
- ▶ Follow-up service available.

Have a partner to help find your best solution!





AUTOBRADE™

A **DYNABRADE** Company

Automation Solutions

Pneumatic Tools for Connection
to Robotic Systems

*50mm ISO
Flange-Ready*



**5" & 6" Dynorbital® Supreme
Random Orbital Sanders**



**3-1/2" Dynorbital® Supreme
Random Orbital Sander**



**Dynabug®
Finishing Sander**



**Dynaline
Finishing Sander**



**Type 27 Depressed Center
Wheel Grinders**



**4", 4-1/2", 5" and 7"
Disc Sanders**



**Type 41
Cut-Off Wheel Grinders**



**Dynastraight®
Abrasive Finishing Tool**



Straight-Line Die Grinder



**Dynafile® III
Abrasive Belt Tool**



**Dynabelter®
Abrasive Belt Tool**



Features & Benefits

- ▶ Easy to set-up.
- ▶ High-durability pneumatic motors allow continuous operation.
- ▶ Tools can be quickly changed for multiple finishing processes.
- ▶ Solenoid accessory allows auto on/off operation of the tool.
- ▶ Dynabrade tools are proudly designed, engineered and manufactured in the USA.

