



Dry Deburring & Finishing
MINI 9 / MINI 9i

MINI 9 (DRY) COMPACT DEBURRING & FINISHING MACHINES

Midwest Automation is pleased to offer the new MINI 9 and MINI 9i to their line of Dry Deburring and Finishing Machines, a perfect companion to the new Niagara DC 500 Wet Dust Collector. The Mini 9 is a compact 9-inch wide machine built to be versatile and reliable in any production environment. The MINI 9i is the heavy-duty, industrial model built in 3 phase electrical. Perfect Parts Made in USA. No Bull!



MIGHTY MINI 9 STANDARD FEATURES

- Rugged cantilevered design for ease of abrasive belt change, and increased part width in 2 pass operation
- Heavy-duty conveyor bed weldment is precision ground to insure flatness
- Standard 3 inch diameter contact drum with press fit rubber sleeve
- Reliable abrasive belt tracking system; no compressed air required
- Identical size (9 inch x 48 inch) abrasive and conveyor belts for ease of dressing contact drum and conveyor belt
- 4 inch maximum part thickness
- Spring-loaded 1.5 inch pinch rollers on 5 inch centers
- 5 HP abrasive belt motor
- Analog amp meter
- 0.25 HP conveyor belt motor with 17 fpm feed speed
- 208/230 volt single phase electric with 110V control voltage
- Dust collection hookup
- Infeed end safety bar
- Optional DC 500 wet dust collector



INDUSTRIAL MINI 9i STANDARD FEATURES

- Same Great Features as the Mighty Mini 9 PLUS:
- Manual thickness adjustment with digital readout
 - 7.5 HP abrasive belt motor
 - 0.50 HP conveyor belt motor with 17 fpm feed speed
 - 3 phase electrical
 - Optional vacuum bed
 - Optional contact drum with spiral-grooved neoprene rubber
 - Optional variable speed conveyor

Metal Part Before



Metal Part After



Performance Data & Specifications

DESCRIPTION	MINI 9	MINI 9i
Maximum Panel Width - Single Pass - Dual Pass	8 inch on single pass 16 inch on dual pass	8 inch on single pass 16 inch on dual pass
Working Thickness - Minimum <i>determined by application</i> - Maximum	TBD 4 inches	TBD 4 inches
Minimum Part Length - Standard - w Vacuum Bed	5 inches N/A	5 inches < 5 inches depending upon application
Conveyor Motor - Single Head Models	0.25 HP	0.50 HP
Feed Speed	17 FPM	17 FPM
Abrasive Belt Motor	5 HP	7.5 HP
Dust Collection Requirement (per head)	500 cfm	500 cfm
Maximum Power Consumption	TBD	TBD

Check out Midwest MINI 9 Videos online at www.midwestautomation.com or [click here.](#)

MINI 9 - Introduction/Overview

MINI 9 - Graining A Small Aluminum Part

MINI 9 - Grinding A Flat On A Shaft

MINI 9 - Graining An Aluminum Bracket



Optional Niagara DC 500 Compact Wet Dust Collector



Optional Small Part Vacuum Bed



Made in USA!

YOUR REQUIREMENTS DRIVE OUR BUSINESS.

Midwest Automation is a family owned U.S. manufacturing company located in Minneapolis Minnesota.

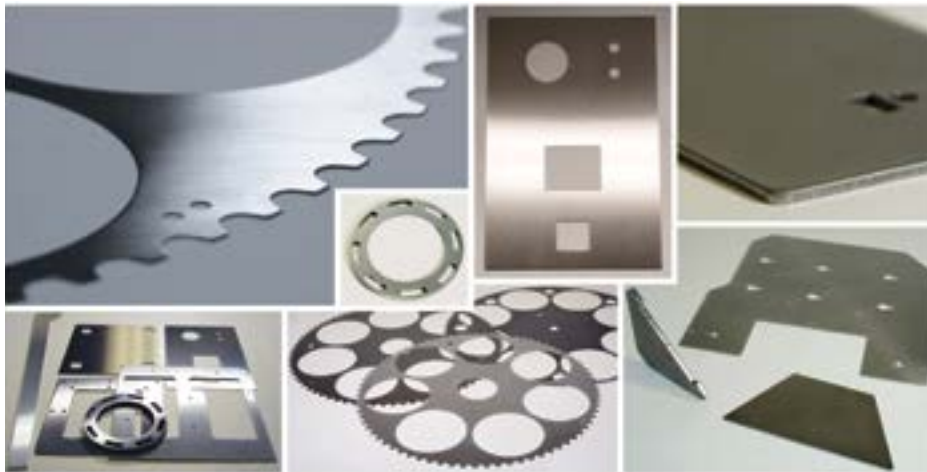
For companies who care where the products they buy are made, it will come as no surprise that buying American is not as easy as it used to be. If you look closely you will discover that many of the machines represented to be "American made" are in fact imported from foreign countries.

For over 60 years, Midwest Automation has manufactured industrial machinery for the woodworking, composite panel and metalworking industries using U.S. labor, and locally available components whenever possible.

Our extensive application knowledge, coupled with creative machine designs, allows us to provide unique and reliable solutions that improve your manufacturing processes, supported by local parts and service.

If you are looking for an industrial machinery manufacturer with real application expertise, contact Midwest Automation today.

Manufacturing results since 1959.



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