



WE LISTEN. WE OBSERVE. WE OPTIMIZE.

ROBOTIC SANDERS TOOLS & KITS



AVAILABLE NOW

SANDING EXCELLENCE MEETS AUTOMATION TECHNOLOGY

Dynabrade has earned a reputation for excellence and a position of leadership in the innovative design and manufacturing of unique portable pneumatic abrasive power tools, related accessories, and clean air solutions.

Introducing Dynabrade Sanders for Robots

Dynabrade has joined with Universal Robots as a Universal Robots+ Partner. As an UR+ Partner, our tools are adapted to and part of the approved list of end effectors and accessories to perfectly integrate with UR collaborative robots, ensuring simple set-up, reliable operation, smooth user experience, and easy programming. **The result is fast, smooth, and low-risk integration.**

Features and Benefits

- Easy to set-up
- Control of sanding process and improved consistency.
- Control of sanding force, pattern, abrasive changes.
- Eliminates operator fatigue and potential ergonomic injuries.
- High durability of pneumatic motor allows continued operation.
- Tools can be quickly changed for multiuse sanding and polishing.
- Solenoid accessory allows auto on/off operation of the tool for the best finish possible.

DYNABRADE SANDERS & SOLUTIONS FOR ROBOTS

Dynabrade robotic tools can be used at all levels of production to help increase productivity, reduce injury, and provide consistency of finish.

The Dynabrade solutions for Robotic application are:

Model No. Tool Only	Model No. Tool Kit ¹	Model No. Tool Kit / Vacuum ²	Description
56819B	56819BK	56819BKV	5" Dynorbital Supreme® Central Vac ROS, 12,000 RPM, 3/16" Orbit
56854B	56854BK	56854BKV	5" Dynorbital Supreme® Central Vac ROS, 12,000 RPM, 3/32" Orbit
56830B	56830BK	56830BKV	6" Dynorbital Supreme® Central Vac ROS, 12,000 RPM, 3/16" Orbit
56863B	56863BK	56863BKV	6" Dynorbital Supreme® Central Vac ROS, 12,000 RPM, 3/32" Orbit
57404B	57404BK	57404BKV	2-3/4" x 8" Dynaline® Central Vac Sander, 2,400 SPM, 3/8" SL
57814B	57814BK	57814BKV	3-2/3" x 7" Dynabug® Central Vac Sander, 10,000 RPM, 3/32" Orbit

1 include Millibar Tool Changer, End Effector and Solenoid

2 include tool kit (Millibar Tool Changer, End Effector and Solenoid) + Raptor Vac® (Model No. 61421) with a 20' Air-line/Vac Hose

Specifications

Model No.	Pad Size Inch (mm)	Orbit Dia. Inch (mm)	Power hp (W)	Air Consumption SCFM (LPM)	Tool Weight Pound (Kg)	Length Inch (mm)	Height Inch (mm)
56819B	5 (127)	3/16 (5)	.28 (209)	18 (510)	2.2 (1)	7.4 (188)	3-1/2 (89)
56854B	5 (127)	3/32 (2.5)	.28 (209)	18 (510)	2.2 (1)	7.4 (188)	3-1/2 (89)
56830B	6 (152)	3/16 (5)	.28 (209)	18 (510)	2.2 (1)	7.9 (200)	3-1/2 (89)
56863B	6 (152)	3/32 (2.5)	.28 (209)	18 (510)	2.2 (1)	7.9 (200)	3-1/2 (89)
57814B	3-2/3 X 7 (93 X 178)	3/32 (2.5)	.24 (179)	16 (453)	2.8 (1.3)	8.25 (210)	4 (101)
Model No.	Pad Size Inch (mm)	Stroke Length Inch (mm)	Power hp (W)	Air Consumption SCFM (LPM)	Tool Weight Pound (Kg)	Length Inch (mm)	Height Inch (mm)
57404B	2-3/4 X 8 (70 X 203)	3/8 (10)	.3 (224)	18 (510)	2.8 (1.3)	9.25 (235)	4 (101)

Additional Specifications Air Inlet - 1/4" NPT | Air Hose I.D. - 1/4" (6 mm) | Air Pressure - 90 PSIG (6.2 Bar)

For the most current tool specifications, visit dynabrade.com

Ideal Industries:



Compatible with:



**UNIVERSAL
ROBOTS**

