

AOV-10

Compliant Orbital Sander



*AOV-10 Compliant
Orbital Sander*

Product Description

ATI Industrial Automation's AOV-10 Axially-Compliant Orbital Sander, patent pending, is the ideal robotic solution for surface preparation and finishing. With built-in compliance, the AOV-10 is well-suited for many robotic applications—even those that require a very light touch. A pneumatically actuated compliance mechanism allows for dynamic control of contact forces to ensure consistent results. Double-acting motion offsets the weight of the tool to produce the desired finish no matter how the tool is oriented. The user's ability to integrate industry-standard media and vary the air pressure and contact forces on the workpiece makes the AOV-10 extremely versatile.

Product Features

Built-in compliance produces consistent contact force when path or part geometry is not exact.

Compact, lightweight design enables compatibility with various robot models.

Flexible mounting options suit multiple work cell configurations.

Direct access housing provides serviceability with minimal downtime.

Vacuum-Ready option manages dust and debris in the work cell.

Specifications	Values
Weight	5.9 lb (2.7 kg)
Compensation (Axial)	0.5 in (12.7 mm)
Idle Speed	10,000 rpm
Orbit Pattern	3/16 in (5.0 mm)
Pad Size*	5 in or 6 in
Vacuum Ready**	Yes

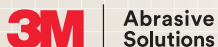
ATI reserves the right to change these specifications.

* All units supplied with 'hook and loop' pads, adhesive pad options available.

**For use with Central Vacuum System.

For more information, visit www.ati-ia.com/AOV.

Optimized for



1031 Goodworth Drive, Apex, NC 27539 USA +1 919.772.0115 +1 919.772.8259 fax www.ati-ia.com

© Copyright by ATI Industrial Automation, Inc. 2020. All rights reserved. 9205-50-1018-01