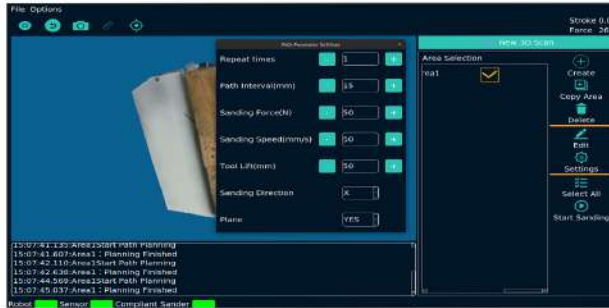


Cobot Sanding Solution

Admetal Cobot Sanding Solution is designed for sanding, polishing, and finishing with high precision and efficiency. Our robotic system adapts to various workspaces, reduces labor, boosts productivity, and consistently delivers high-quality results. This product is ideal for various materials.



Components

Cobot

- ◆ 1300 mm reach
- ◆ IP 54 rating
- ◆ ± 0.02mm repeatability



3D Camera

- ◆ 3D point cloud, using TOF sensor
- ◆ Up to 120 ° FOV
- ◆ Accurate and precise measurements



Force Control Unit

- ◆ Provides precise and stable force/position control
- ◆ Light-weight and compact design
- ◆ Floating axial compliance



Features



Easy Operation

Quick setup and does not require programming



Adaptive Flexibility

Automatically adapt to various workpiece sizes and shapes



Cost-Efficient

High ROI of up to 8 months



Enhanced Safety

Boosts safety by reducing exposure to hazards

Specifications

- ◆ Power Requirements: Voltage: 120 V, 60 Hz
- ◆ Working Temperature: 5°C-45°C
- ◆ Force Repeatability: 0~100N ± 1N
- ◆ Air Requirements: Air pressure: >0.6 Mpa
Air Flow: 420 L/min
- ◆ IP Classification: IP54 or IP65



Applications

Admetal sanding solution is engineered to minimize manual labor while ensuring high efficiency, even for customized or small-quantity products. It is ideal for sanding, polishing, and finishing various materials.



Wood



Metal



Stone



Plastics and Composites

