

# TABLETOP SAM™

[Standup Abrading Machine]



## Single 6" Random Orbital

The Single 6" SAM is configured with a 6" pad allowing for versatile surface preparation. Less aggressive than its 5" counterpart, this SAM provides artisans an easier method of sanding horizontal or gently curved surfaces positioned on a stand or table.

Temple Allen's patent-pending Tabletop Standup Abrading Machine (SAM™) is a 100% pneumatic sanding system that delivers a variety of surface preparation tools while shielding artisans from the health and safety problems associated with traditional operations. SAM incorporates the same vibration-reducing technology first developed for our EMMA™ products with an ergonomic handle designed to best position the artisan and the sander(s) for a given application.

By taking the sander itself out of the artisan's hand, SAM eliminates the vibration injuries and fatigue that make the work so difficult.



# Single 6" RO

### OPERATOR CONTROLS

The Control Handle incorporates Operator Presence Controls for the sanding head and the integrated vacuum. The handle's ergonomic shape allows for a comfortable working position.

**CARRY HANDLE**  
Padded handle located at the center of gravity for convenient transport of the device.

**VIBRATION-DAMPING CORE**  
Designed to meet stringent international vibration exposure restrictions, this feature minimizes the extent to which the vibration generated by the tool can reach the operator.

**END-EFFECTOR**  
The End-Effector assembly holds the sander(s) at the end of the Vibration-Damping Core. Multiple configurations are available. The system has passive degrees of freedom (roll and pitch) that allow the sanders to stay flat and conform to the working surface.

### SUSPENSION ATTACHMENT POINT

In some production environments, artisans find it convenient to hang tools above the worktable within easy reach.

**INTEGRATED DUST COLLECTION SYSTEM (NOT SHOWN)**  
The SAM can be equipped with an integrated vacuum for dry sanding applications. Particulate and dust are captured at the sander and fed into 3M™ Clean Sanding Filter Bags or site-supplied vacuum hoses.

