

TABLETOP SAM™

[Standup Abrading Machine]



Single 8" Random Orbital

The Single 8" SAM is configured with an 8" pad allowing for smooth and "faired" surface preparation. Less aggressive than its 5" or 6" counterparts, the 8" SAM provides artisans a better method of sanding larger flat or gently curved horizontal 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 EMMATM 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.



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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.

Single 8" RO

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.