

SAM™

[Standup Abrading Machine]



Random Orbital — 5"

Temple Allen's patent-pending 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. Most SAM models incorporate 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.

This SAM is configured with a 5" pad as an alternative for those applications requiring moderately-aggressive scuffing, sanding and removal of paint. While not as aggressive as its Paint Stripping counterpart, this SAM is an ideal tool for moderate levels of surface preparation.

TEMPLE ALLEN INDUSTRIES

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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.

INTEGRATED DUST COLLECTION SYSTEM

The SAM is 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.

CARRY HANDLE

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

HOSE GUIDE (OPTIONAL)

Artisans can route their air supply hose through this hook to minimize obstructions on the floor.

HARNES STRAP ATTACHMENT POINT

Artisans working at height or near an edge can strap the tool to a fall-arrest system, preventing accidents.

FIXED OR TELESCOPIC SHAFT

Available in two configurations, the shaft enables artisans of any height to position the device at the most comfortable angle and distance.

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.

RESTING PEGS

The SAM™ normally hangs for storage, but during use if the operator wants to put it down, such as when changing sandpaper, the padded resting pegs keep the tool off the ground.

END-EFFECTOR

The End-Effector assembly holds the sander(s) at the end of the SAM™ Control Handle. 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.

