

SAM™

[Standup Abrading Machine]



Dual Random Orbital

Less aggressive than the Single Random Orbital SAM, the Dual Random Orbital SAM is best suited for those applications requiring scuffing and sanding of larger horizontal surfaces. The dual-sander configuration enables greater coverage with a single pass and provides consistent contact force between the sanders.

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.



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Dual 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.

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.

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.