

SAM™

[Standup Abrading Machine]



Single Random Orbital

The 6" Random Orbital SAM is configured with a 6" pad allowing for versatile surface preparation, from cleaning to de-painting. Less aggressive than its 5" counterpart, this SAM provides artisans an easier method of sanding horizontal surfaces than a traditional tool.

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.

TEMPLE ALLEN INDUSTRIES

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Single RO

OPERATOR CONTROLS

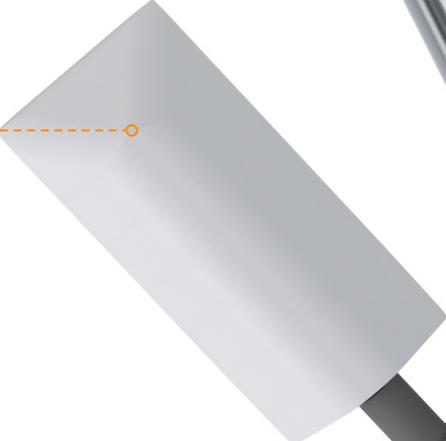
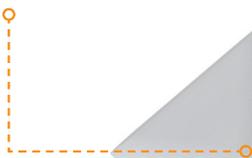
The Control Handle incorporates Operator Presence Controls for the sanding head and the integrated vacuum. The handle's ergonomic shape allows for a comfortable working position.



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

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.



FIXED SHAFT
The pivoting shaft enables artisans to position the controls at the most comfortable height.

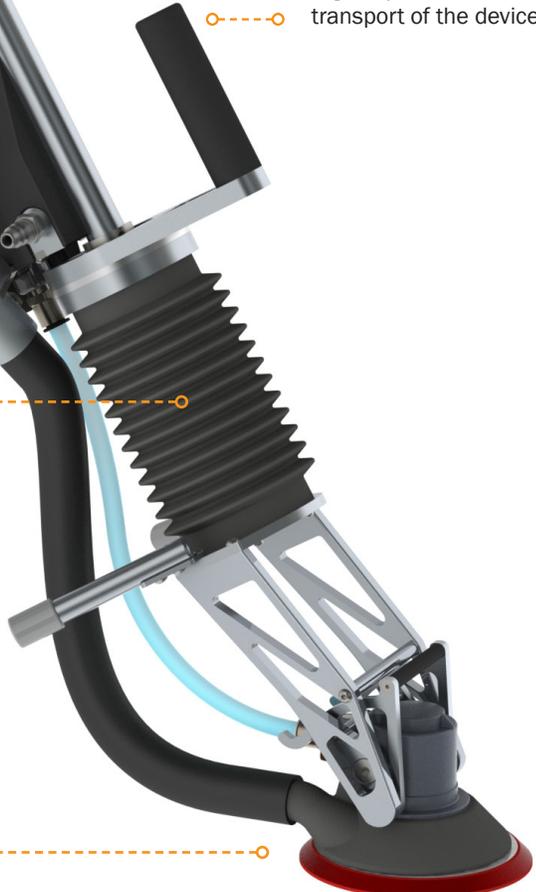


CARRY HANDLE
Padded handle located at the center of gravity for convenient transport of the device.



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.

