

SAM™

[Standup Abrading Machine]



Paint Stripping

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.

The Paint Stripping SAM is a multi-purpose system, featuring two 5" or 6" Random Orbital sanders, that allows for the choice of two sanding modes – standard and enhanced. A simple toggle satisfies the artisan's desire to get the job done quickly while making a less aggressive option available on the fly for feathering around edges and other lighter work. This one-of-a-kind SAM has a demonstrated ability to boost productivity.

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Paint Stripping

OPERATOR CONTROLS

The Control Handle incorporates Operator Presence Controls for the sanding head, integrated vacuum, and choice of sanding mode. 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 tool's center of gravity for convenient transport of the device.

HARNESS 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.

PAINT STRIPPING END-EFFECTOR

The Paint Stripping End-Effector assembly holds the tools at the end of the SAM™ Control Handle and integrates two pneumatic motors that boost the aggressiveness of the tools. The system has passive degrees of freedom (roll and pitch) that allow the tools to stay flat and conform to the working surface.