

SAM™

[Standup Abrading Machine]



Scaling 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.

The SAM Scaling Tool offers an ergonomic alternative to manually wielding 20+ pound scaling and scarifying tools for the removal of non-skid surfaces, paint, rust, and scale. Currently the most aggressive model, this SAM safely combines our technology with the popular Aurand Scaling Tool, enabling artisans to complete their tasks while remaining in an upright position.

Scaling Tool

OPERATOR CONTROLS

The Control Handle incorporates Operator Presence Controls for the scaling tool, integrated vacuum, and the Lift Piston. 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 Scaling Tool is equipped with an integrated vacuum. Particulate and dust are captured at the tool shroud and fed into 3M™ Clean Sanding Filter Bags or site-supplied vacuum hoses.



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.



LIFT PISTON

The Lift Piston allows the artisan to start the Scaling tool while it is off the surface, lower the tool to the correct working position, and raise it again when finished.



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

END-EFFECTOR
The End-Effector holds the 8" Aurand MP6 at the end of the Control Handle. The system's ability to freely pitch keeps the scaling tool flat on the working surface.