

# SAM™

[Standup Abrading Machine]



## Scaling Tool

SAM Scaling Tools offer aggressive removal of non-skid coatings, rust, paint, and epoxy primer from ship or submarine decks. With SAM tools, maintainers are protected from exposure to the vibration and high-grip forces that can lead to injury. The SAM Scaling Tool is easily maneuvered during operation and easily transported to the work site. Controls on the handlebar power up the tool and adjust cut depth. SAM Scaling Tools bring additional benefits to the tried and true Aurdand scaling tool.

Temple Allen Industries provides elegant mechanical solutions for industry's toughest jobs. We value our client relationships and pride ourselves on using their feedback to drive innovation and improvements in our tools.

- Available Configurations:
- 8" or 12" width
  - Central Vacuum Kit
  - Variety of cutter bundle types

# Scaling Tool

## HANDLEBARS

The ergonomically designed handlebars have the on/off lever and buttons to adjust the tool's cutting depth.



## THROTTLE CONTROL

The extruded shaft provides a throttle control at the top where it can be easily reached during operation.

## FALL ARREST ATTACHMENT RING

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

## EXTRUDED SHAFT

The pivoting shaft enables maintainers to position the handlebars at the most comfortable height. The extrusion provides secure channels for pneumatic air flow.

## 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 maintainer.

## CARRY HANDLE

Padded, angled carry handle allows for transporting the SAM Scaling Tool up and down tight passages and on deck.

## SCALER END-EFFECTOR ATTACHMENT POINT

The Scaler End-Effector on SAM Tools can be easily swapped out so the same handle can be used for both 12" and 8" Scaler operations, reducing weight and cost.

## DEPTH OF CUT INDICATOR

Confirms depth of cut setting for maintainer.

## SCALER END-EFFECTOR

The End-Effector deploys the 8" or 12" Aurand scaling tool.

## Significant Benefits:

- Incorporates the already-approved Aurand MP6 scaler
- Eliminates poor postures, vibration, and high grip forces
- Produces a more consistent, higher-quality finish
- Dramatically increases "trigger-on" time
- Provides real-time depth-of-cut control
- 100% pneumatic system (95 psi)

