

CORNER-CUTTER[®]

from Pentek

For Dustless Cleanup of Concrete and Steel Surfaces

The **CORNER-CUTTER[®]** is designed to remove lead-based paints, radioactivity and other hazardous contaminants from both steel and concrete surfaces in an environmentally safe manner. Pentek developed the **CORNER-CUTTER[®]** to scarify walls, joints, ceilings, stairs, girders, pipes, and other areas which are inaccessible to our MOOSE[™] and SQUIRREL[®]-III surface preparation products.

The **CORNER-CUTTER[®]** operates on the same principle as a pneumatically operated needle scaler. Specially hardened needles operate within an evacuated stainless steel enclosure which prevents the escape of dust, debris and airborne contamination to the environment. Standard shrouds are provided with each unit to allow the cutters to conform to *inside corners, outside corners, and flat surfaces*. Special shrouds are available to conform to particularly odd geometric shapes, such as door and window frames.

The **CORNER-CUTTER[®]** incorporates unique vacuum flow design features which provide high efficiency performance in contaminated or clean room environments that require stringent control of loose material. Users will find that the **CORNER-CUTTER[®]** mitigates the need for the respiratory protection of operating personnel from airborne radiological and toxic particulate hazards. The need to erect tents or temporary enclosures to protect nearby operating equipment from flying dust and debris is also reduced.

The **CORNER-CUTTER[®]**'s light weight, low reaction forces and infinitely adjustable vacuum enclosure minimize operator fatigue and provide for comfortable operation in any position. The ergonomic design of the operator's handle provides complete operator control and is equipped with a quick-release-to-off safety feature. A depth adjustment feature controls the cutting of cementitious surfaces.



CORNER-CUTTER[®] scarifies inside corners, outside edges, and flat surfaces!

CORNER-CUTTER[®] APPLICATIONS

Surface Preparation

- ◆ Power Plants
- ◆ Water Tanks
- ◆ Public Housing
- ◆ Bridges & Tunnels
- ◆ Shipyards
- ◆ Industrial Plants
- ◆ Pulp & Paper Mills
- ◆ Food Processing Plants

Removes

- ◆ Radioactivity
- ◆ Lead Based Paint
- ◆ PCBs
- ◆ Concrete
- ◆ Rust & Corrosion
- ◆ Asbestos Gaskets
- ◆ Epoxy Coatings
- ◆ Chemical Spills

CORNER-CUTTER® *Safely Removes Lead-Based Paints, PCBs, Radioactivity and Other Hazardous Materials from Concrete and Steel Surfaces.*

Specifications

- ◆ Production Rate: Flat surfaces -- 20-30 square feet per hour (Nominal)
Edges and corners -- 30-60 linear feet per hour (Nominal)
- ◆ Cutting Width: 1-3/4 inches
- ◆ Length: 14 inches
- ◆ Weight: 9 lbs.
- ◆ Cutting Needles: 3mm diameter steel needles for concrete or steel, or
2mm diameter needles for steel surface preparation which meets SSPC-SP11 specifications for "Power Tool Cleaning to Bare Metal."
- ◆ Air Consumption: 5 scfm @ 90 psig. Unit requires a 1/2-inch diameter air supply hose.
- ◆ Vacuum Flow: To ensure adequate containment of dust/debris/contamination, the user must supply a **minimum 50 scfm vacuum source** at the 1 1/2-inch diameter vacuum hose connection. The unit will interface with Pentek-designed VAC-PAC® self-cleaning HEPA filtered vacuums or other high capacity, industrial quality vacuums.
- ◆ Price: F.O.B. Pittsburgh, Pennsylvania. Price is subject to change without notice.
- ◆ Options: Buffed and polished stainless steel surfaces.
Vacuum hose with tool end cuff.
Air supply hose.
Quick-disconnect hose coupling at tool end.
Custom shrouds for odd contours.
Vibration-damped needle drivers.
- ◆ Availability: Stock item; 3-4 weeks maximum delivery for special orders.
- ◆ Limited Warranty: The **CORNER-CUTTER®** is warranted to be free of defects in material or workmanship for a period of 90 days from the date of delivery. Pentek makes no other warranties or representation, expressed or implied, with respect to functionality or fitness for use of a particular purpose. In no event shall Pentek be liable for any incidental or consequential damages arising out of the application or use of any products provided.



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