

ROTO-PEEN Scaler

from Pentek

For Dustless Coatings Removal from Steel, Concrete, Brick and Wood

Pentek's **ROTO-PEEN Scaler** with localized exhaust is designed to remove hazardous protective coatings (including lead-based paints) from steel, concrete, brick and wood in an environmentally safe manner. The **ROTO-PEEN Scaler** is designed to operate independently or in conjunction with Pentek's full suite of integrated decontamination equipment, including **CORNER-CUTTER®** needle guns and the **VAC-PAC®** high performance / self-drumming waste collection system.

The **ROTO-PEEN Scaler** is excellent for flat areas and large vertical surfaces, including beams, girders, and tank shells, near walls or within confined spaces. It has proven effectiveness in coatings removal from industrial structures such as bridges, tanks and towers, as well as public housing components: walls, siding, and doors. On steel surfaces, the **ROTO-PEEN Scaler** removes coatings fast and cleans to a bare metal finish comparable to abrasive blasting--providing an anchor profile suitable for application of new protective coatings. Pentek's **ROTO-PEEN Scaler** is rugged, manufactured of solid cast alloy able to weather the daily wear and tear of field operations; yet the basic tool weighs only 6.5 pounds, making it highly portable and easy to maneuver.

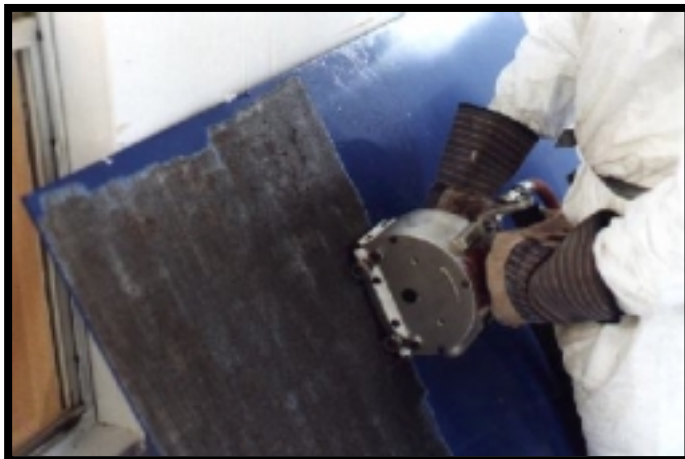
The **ROTO-PEEN Scaler** is equipped with 3M™ Heavy Duty Roto Peen Flaps, each studded with rows of tough tungsten carbide cutters and mounted on a rotating hub. Paint, corrosion, oxide, and mill scale are fractured and removed by the impact of the tungsten carbide against the work surface. This 100% mechanical action occurs within an evacuated enclosure designed to prevent the

escape of dust, debris, and airborne contamination into the environment. This feature minimizes the need for both containment and worker protection. Hazardous waste disposal costs are drastically reduced: since only the paint is removed without the use of abrasives, water, or chemicals, the waste from 2,500 square feet of work surface can be contained in a single 55-gallon drum.

Interchangeable cutting media are available for a variety of applications. Cutting media range from the standard flap (**Type C**) for general coatings removal from steel, concrete, brick, and wood, to more aggressive concrete scarification flap types. See **Cutting Media** on back for specific flap types to suit your particular application.

The **ROTO-PEEN Scaler** has many other exclusive features to improve worker safety and contractor profitability:

- ◆ Speed Adjustment: to vary surface profile from 0.5 to 4 mils
- ◆ Depth Control: allows for exact positioning of cutters to properly dress the working surface
- ◆ Adjustable Handle: 3 distinct positions provide easier access for hard-to-reach areas
- ◆ Safety-lock Throttle: to prevent accidental start-ups
- ◆ 1 1/2-inch Vacuum Port Cuff: for standard vacuum hook-up
- ◆ **Standard** and **Right-Angled ROTO-PEEN Scaler** models: provide production flexibility (See **Options** on back).



PENTEK'S **ROTO-PEEN Scaler** is fast - 40-50 ft.²/hr. - on flat steel, concrete, brick and wood surfaces!



The dustless PENTEK System can operate up to 10 shrouded power tools, while minimizing the need for containment and worker protection.

ROTO-PEEN Scaler

Safely Removes Lead-Based Paints, PCBs, Radioactivity, and Other Hazardous Materials from Steel, Concrete, Brick & Wood Surfaces.

Specifications

- ◆ Production Rate: Flat Surfaces -- 40-50 square feet per hour (nominal).
Corners and edges -- Not applicable. See **CORNER-CUTTER®** Bulletin No. M-306
- ◆ Cutting Width: 2 inches.
- ◆ RPM: User adjustable to 2,400 rpm.
- ◆ Cutting Media: **Type C Flaps** - Designed for descaling steel, removing coatings from steel and concrete, or preparing steel or concrete to accept coatings.
Star Cutter - Designed for removing thick epoxy coatings and concrete substrate.
- ◆ Air Consumption: 30 scfm @ 90 psig. Unit requires 1/2-inch diameter air supply hose. An in-line Lubricator-Regulator-Filter is also required.
- ◆ Vacuum Flow: To ensure adequate containment of dust/debris/contamination, the user must supply a minimum of 75 cfm vacuum source at the vacuum hose connection. The unit will interface with Pentek's **VAC-PAC®** self-drumming/HEPA vacuum system or other high-capacity, industrial HEPA vacuums.
- ◆ Options: **Right-Angled ROTO-PEEN Scaler** (Model RA) has a right-angled motor/drive for access to narrow webbing on I-beams and stair risers.
- ◆ Availability: Stock item.
- ◆ Limited Warranty: The **ROTO-PEEN Scaler** 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 representations, 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 the application or use of any products provided.

ROTO-PEEN SCALER APPLICATIONS

- ◆ Industrial Plants
- ◆ Bridges & Tunnels
- ◆ Power Plants
- ◆ Commercial Buildings
- ◆ Food Processing Plants
- ◆ Storage Tanks
- ◆ Shipyards
- ◆ Pulp & Paper Mills
- ◆ Public Housing Components
- ◆ Industrial Hard Woods



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Cushioned Abrasive Wheel

New



The Roto-Peen with Cushioned Abrasive Wheel offers the following:

- Grinding and Finishing
- Coated Abrasive Belts
- Non-Woven Belts
- Use on: Soft Metal, Wood, Plastic, Ceramic, Fiberglass & Composites
- Variable Firmness
- Brush shrouds designed to maximize control of debris
- Dead-man trigger
- RPM control
- Localized exhaust port for dustless operations
- Right-Angle motor option to maximize productivity in tight areas

Pentek's family of dustless Roto-Peen Scaler tools can now be equipped with traditional flaps, the more aggressive Star Cutter hub, or our new Cushioned Abrasive Wheel. The ability to accommodate three forms of accepted, effective coatings removal, decontamination and surface finishing media provides versatility not previously available. And the Cushioned Abrasive Wheel operates with the same high standards of dust control built into all Pentek dustless power tool and VAC-PAC[®] system combinations.

Available media now includes:

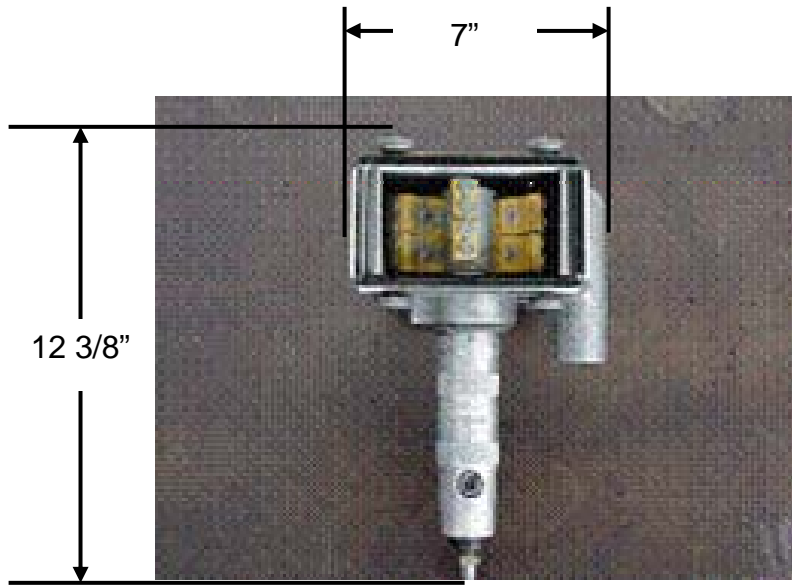
- 40 Grit to 320 Grit Aluminum oxide & zirconia alumina coated abrasive belts
- 3M[®] Scotch-Brite[®] and other non-woven abrasive belts

Selection of media type, wheel speed, contact height, and applied pressure offer new levels of protection against unwanted abrasion on sensitive surfaces.

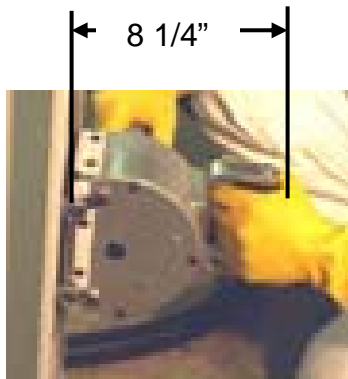
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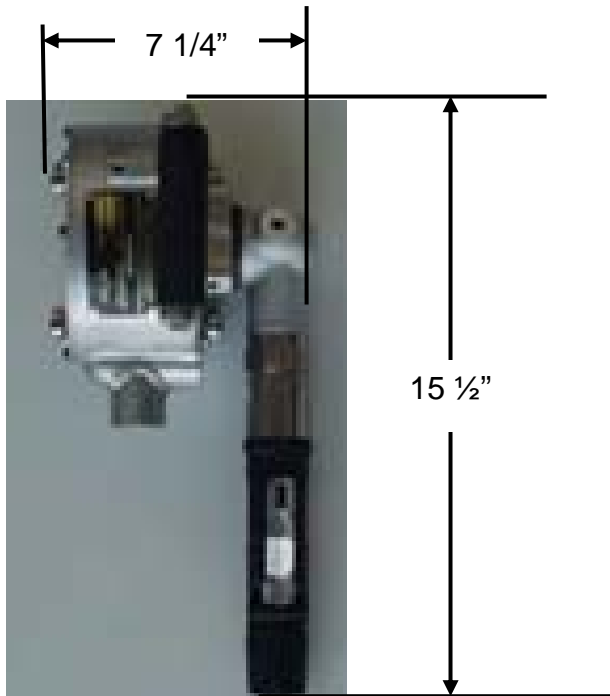
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Standard Roto_Peen



Either Model



Right Angle Roto-Peen