

SQUIRREL[®]-II from Pentek

For Decontamination of Cracks in Concrete Floors and Slabs

The **SQUIRREL[®]-II** is a single piston, pneumatically driven scabber with localized exhaust that safely removes radioactivity, PCB's, chemical residues and other hazardous materials from cracks in concrete floors and slabs. This manually operated scabber has been specifically designed to follow random cracks in concrete floors and slabs in an environmentally safe manner with a unique vacuum flow design that offers high efficiency control over dust, debris and airborne contamination.

The **SQUIRREL[®]-II** uses high-speed reciprocating tungsten carbide tipped bits to access deeply settled contamination within cracks or fractures in floors. The operator manually guides the specially designed floating work head with fingertip ease along the cracks, while standing erect to eliminate operator fatigue. This specially designed work head also isolates vibration from the operator and eliminates fatigue associated with conventional scabblers. The **SQUIRREL[®]-II** is engineered with a sighting hole that is pneumatically illuminated, allowing the operator to view the crack and cutting bit at all times. In addition, the **SQUIRREL[®]-II** is equipped with an accurate depth control mechanism that allows for precise incremental scabbling up to 2-inches deep.

The **SQUIRREL[®]-II** is capable of cleaning out 50-60 linear feet of cracks at a depth of 1/4-inch per hour. The vacuum flow design eliminates cross contamination and the need for containment structures, while also minimizing the need for respiratory protection. The **SQUIRREL[®]-II** also allows for absolute minimum waste generation because of its mechanical removal process and the 7/8-inch surgical cutting path.

The **SQUIRREL[®]-II** can function as an independent tool or as an integral component of the Pentek Dustless Decontamination System. Engineering controls to protect the environment and the worker are standard with all Pentek's manual and robotic tools: **CORNER-CUTTER^â** needle guns, **ROTO-PEEN** Scalers, **SQUIRREL^â-III** and **SQUIRREL^â-I** floor scabblers and **MOOSE^â** robotic scabber. The **SQUIRREL[®]-II**, like the equipment above, is anchored by the **VAC-PAC^â** high performance HEPA vacuum and drumming system that has a two-stage filtration system and offers an *automatic self-cleaning* mechanism that minimizes filter overload and eliminates downtime and maintenance.



*6-inch wheels allow for control with fingertip ease in forward, backward and side-to-side motion.

SQUIRREL[®]-II

*...safely remove deeply settled contamination
from cracks in concrete floors and slabs...*

SPECIFICATIONS:

Production Rate:	50-60 linear feet at ¼-inch depth
Height:	37-inches, floor-to-handle 18-inches, access clearance beneath equipment and structures
Width:	21-inches (wheel base) 25-inches (handle)
Length:	58-inches (excluding air supply hose)
Weight:	180 pounds
Scabbling Bits:	One 4-point bit; 7/8-inch diameter, 2-inches
Air Consumption:	38 scfm at 90 psig. Unit interfaces with standard 1-inch Chicago fitting.
Vacuum Flow:	User must supply 150 cfm of vacuum flow if dust/debris contamination control is required. Unit interfaces with 2 ½-inch vacuum hose. The unit will interface with Pentek designed VAC-PAC [®] self-cleaning HEPA filtered vacuum and drumming systems.
Availability:	Non-stock item; please allow 4 weeks for delivery.
Limited Warranty:	The SQUIRREL[®]-II 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 for 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 product provided.

