

PRODUCT DESCRIPTION

The PiHab™ is a flexible, transparent, abrasive blasting enclosure to be used with the Pinovo® closed loop grit blasting units PiSys™ 100 or PiSys™ 1000. The PiHab™ is easily adaptable to various complex pipe- or beam-based structures. No significant clean-up or further work is required following the Pinovo® preparation process, the surface is ready for painting or other post-treatment.

The low dust Pinovo® surface preparation process minimizes the impact on surrounding trades and equipment.

Reuse of Pinovo® Blasting Grit up to 25 times reduces the abrasive media consumption up to 90 %.



Patented

RECOMMENDED USE

The PiHab™ is primarily intended for spot blasting and blast cleaning of pipe-based complex geometries, such as flanges, supports, valves, bends, pipe-tees. In addition, the PiBag™ is also suited for blast cleaning of beam-based structural elements.

TOOL PROPERTIES

Enclosure size:	ca. 230 x 190 cm (depending on version)
Nozzle type:	6.4 mm Venturi nozzle
Compressed air consumption:	6 Nm ³ /min – 1.5 Nm ³ /min (blasting), 4.5 Nm ³ /min (vacuum recovery)
Grit consumption:	15 kg/m ² , depending on operating and recycling conditions
Blast width:	depending on stand-off distance
Blast pressure:	< 5 bar
Capacity:	depending on operating and surface conditions

ABRASIVE BLAST MEDIA

Pinovo® Blasting Grit is the preferred blast media to be used with PiHab™. Grit size F 12 and smaller

QUALITY

Primary surface preparation quality:	SA 2 ½ (SSPC-SP 10 / NACE No. 2); up to SA 3 (SSPC-SP-5 / NACE No. 1)
Secondary surface preparation quality:	P SA 2 ½; up to P SA 3
Surface texture / Anchor profile:	up to Rz 120 µm, depending on blast pressure, grit size, and surface

HEALTH AND SAFETY

Noise level:	ca. 92 dB(A), depending on blast pressure and surroundings
Vibration:	Low vibration
PPE:	Minimum requirements
Conformity:	CE Ex II 2G IIA T4

ENVIRONMENT

Contamination:	No flying grit emissions to surroundings
Waste management:	Closed loop waste management system

Nesttun – Norway
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PINOVO AS reserves the right to make changes due to technical improvements. Pictures may differ from actual product. Non-binding document.