

## 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 %.



Patent pending

## 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

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

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

## HEALTH AND SAFETY

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

## ENVIRONMENT

|                          |  |
|--------------------------|--|
| <b>Contamination:</b>    | No flying grit emissions to surroundings |
| <b>Waste management:</b> | 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.