

## PRODUCT DESCRIPTION

The PiConnect™ is a hand held closed loop grit blasting tool to be used with the Pinovo® closed loop grit blasting units PiSys™ Flex, PiSys™ 100 and PiSys™ 1000.

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 noise and dust free Pinovo® surface preparation process minimizes the impact on surrounding trades and equipment.

Reuse of Fused Brown Alumina blast media up to 25 times reduces the abrasive media consumption up to 90 %.



## RECOMMENDED USE

The PiConnect™ is primarily intended for spot blasting and blast cleaning of small and medium sized metal structures.

## TOOL PROPERTIES

<b>Tool size:</b>	124 mm x 176 mm x 62 mm
<b>Nozzle type:</b>	6.4 mm Venturi nozzle
<b>Compressed air consumption:</b>	5.5 Nm <sup>3</sup> /min – 1.5 Nm <sup>3</sup> /min (blasting), 4 Nm <sup>3</sup> /min (blasting)
<b>Grit consumption:</b>	6 kg/m <sup>2</sup> , depending on operating and surface / coating conditions
<b>Blast width:</b>	25 mm
<b>Capacity:</b>	up to 2.5 m <sup>2</sup> /h, depending on surface / coating conditions

## ABRASIVE BLAST MEDIA

Brown Fused Aluminum Oxide (Acc. to ISO 11126-7; Mohs hardness  $\geq 9.0$ )  
Grit size F 12 and smaller

## QUALITY

<b>Primary surface preparation quality:</b>	up to SA 3 / SSPC-SP-5 / NACE No. 1
<b>Secondary surface preparation quality:</b>	up to P SA 3 Feathered edges
<b>Surface texture / Anchor profile:</b>	up to R <sub>z</sub> 120 $\mu$ m, depending on blast pressure, grit size, and surface

## HEALTH AND SAFETY

<b>Noise level:</b>	L <sub>pA</sub> $\leq$ 84 dB at 1m distance (NS 4815-2:2006)
<b>Vibration:</b>	Low vibration
<b>PPE:</b>	Minimum requirements
<b>Conformity:</b>	CE Ex II 2G IIA T4

## ENVIRONMENT

<b>Contamination:</b>	Zero emission to surroundings
<b>Waste management:</b>	Closed loop waste management system

## ACCESSORIES

A wide variety of adapters for different surface geometries and a support tool, PiStick™, for stress relief during prolonged overhead work is available for the PiConnect™ closed loop grit blasting tool.

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