

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™ 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 %.



Registered Design

RECOMMENDED USE

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

TOOL PROPERTIES

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

ABRASIVE BLAST MEDIA

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

QUALITY

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

HEALTH AND SAFETY

Noise level:	L _{pA} ≤ 84 dB at 1m distance (NS 4815-2:2006)
Vibration:	Zero vibration
PPE:	Minimum requirements
Conformity:	CE Ex II 2G IIA T4

ENVIRONMENT

Contamination:	Zero emission to surroundings
Waste management:	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.