

MontiPower Pneumatic Bristle Blaster



Innovative surface preparation solutions to achieve blasting quality without grit. Whether onshore or offshore, whether removing, cleaning or profiling, MontiPower®'s innovative blasting technology ensures the best possible bond.

The Bristle Blaster® is the first hand-held brush belt system in the world that produces a quality of surface roughness comparable to that achieved by 'grit blasting'

The Bristle Blasting process is an innovation that both removes corrosion and generates an anchor profile by using specially designed rotary bristle belts. This belt consists of wire bristle tips that are bent forward and dynamically tuned by a hand-held power tool which operates at approximately 2,500 rpm.

Features

- Removes corrosion, coatings and other contaminants – without removing healthy material
- Generates compressive residual stress (works hardens) for crack growth resistance, improved life and improved corrosion resistance
- Generates anchor profiles ranging from 40µm - 80µm on weld seams, edges, around bolts and on surface irregularities
- Cleans and profiles with long lasting, safe Bristle Blaster Belts – eliminating the need for costly abrasive blast equipment.
- Restores corroded and pitted surfaces to near-white metal or white metal appearance – no grinding or polishing
- ATEX-approved, incl Dust control

Technical Specifications

Voltage / Frequency version

Part Number	SP-647-BMC
Length	350 mm
Height (incl. handle)	160 mm
Width	70 mm
Weight	1,1 kg
Belt diameter (outer)	110 mm
Required flow pressure	6.2 bar
Average air consumption	17.5 cfm 0.5 m³/min
Idle speed (±5%)	3,500 rpm
Threaded air inlet	Rp 1/4"
Required hose diameter (interior)	9.5 mm 3/8"
Vibration	2 m/sec²
Belt Sizes	11mm & 23mm



Packing List

Bristle Blaster Pneumatic Unit
Bristle Blaster Dust Exhaust Attachment - Pneumatic
Bristle Blaster Adaptor System for 23mm
Bristle Blaster Adaptor System for 11mm
Bristle Blaster Accelerator Bar - Steel for 23mm Belts
Bristle Blaster Accelerator Bar - Steel for 11mm Belts
Bristle Blaster Belts - Steel 23mm Red (x5)
Bristle Blaster Belts - Steel 11mm Red (x5)
Bristle Blaster Air Pressure Regulator - 23mm (incl coupling)
Bristle Blaster Air Pressure Regulator - 11mm (incl coupling)

Applications

Wind Turbine Maintenance	Spot Repair	Port Facilities
Pipelines	Bridge Maintenance	Offshore
Weld Seam	Power Plant	Textured Surfaces
Floodgate / Lock	Ship Construction & Repair	

Videos

Click on the images below to view the videos



How to Remove Rust and Corrosion at Heights?



How to use the Bristle Blaster



MONTI Bristle Blaster® -
Blasting without grit!
Applications



Welcome to the world of
MONTIPOWER

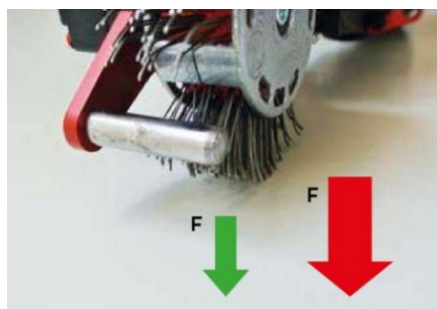
Instructions



Press down lightly on the machine and move over the surface by making oscillating movements.



Correct direction of operation.



Less contact pressure = longer service life and higher performance.
Note that excessive pressure will lead to damaging the Bristle Blaster Belt