

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 m ³ /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/sec ² |
| 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

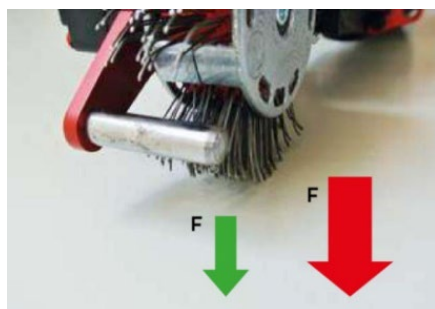
Instructions



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