

The Pre-Bristle Blaster® Step

Heavy Coating and Corrosion
Removal by MontiPower®



From Heavy Coating & Corrosion Removal to Surface Activation: A Complete System



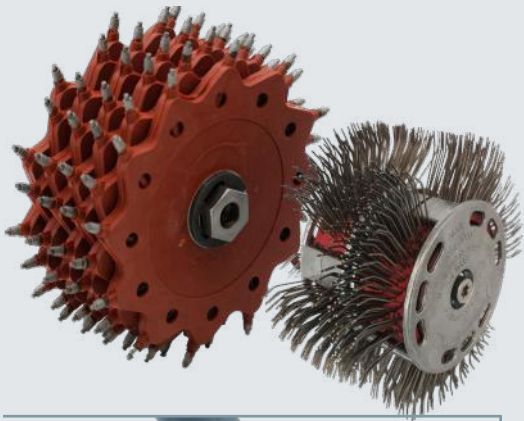
At MontiPower®, we redefine surface preparation through innovative tools that cover the entire coating preparation process - from removal to activation.

Our integrated approach ensures every step works in harmony.

Strip and Prep: One Tool.

Stripping rust and coating is a crucial quick preparatory step prior to Bristle Blasting surface preparation, ensuring a surface quality comparable to ISO 8501-1 Sa 3 / AMPP SSPC SP-5 / NACE 1 standards.

Two for One.



One Machine, Two Options

One drive unit powers two preparation steps, reducing equipment investment and simplifying your tool inventory.

HIGH PRODUCTIVITY

Removes coatings up to 5 mm thick with ease, dramatically reducing preparation time on heavy-duty projects.

BRISTLE BLASTER® BELT EXTENSION & SAVINGS

Extends the life of your Bristle Blaster® belts by handling the heavy thick tough coating removal first.

SAFE ON ALL SURFACES

Effective on steel, concrete, bitumen, and rubber.

FAST CHANGEOVER

Swap from stripping set of discs to Bristle Blasting on one machine with ease in 30 seconds.

How This Pre-Blasting Step Works

Flexible SBR Discs

The SBR discs contain **tungsten carbide pins** positioned at a specific angle for optimal impact force.

Centrifugal Force Activation

When rotating, centrifugal force causes the pins to strike the surface in a controlled **pendulum motion**.

Hammering Impact

This hammering effect removes old **paint, bitumen, epoxy, rust, and corrosion layers** without generating heat.

Very thorough Cleanliness and Roughened Surface

Even tough materials like coal tar epoxy, adhesives, or sealants are easily removed, leaving surfaces **ready for Bristle Blasting**.

The Two-Step MontiPower® Method

Step 1: Stripping Heavy Coating & Rust

Removes thick coatings, corrosion, tar, and rubber layers from steel or concrete surfaces efficiently.

Result: Clean and metallic shiny Substrate

Step 2: Bristle Blaster® Activation & Profiling

Prepares and activates the surface, creating a uniform profile in accordance with ISO 8503 and achieving cleanliness according to ISO 8501-1 / Sa 2½ to Sa 3.

Result: Deep Clean and High Peak Count Surface Profile for the optimal bond

Together, they form a complete surface preparation system – from removal to activation – powered by the same MontiPower® drive unit.

This integrated approach eliminates the need for multiple specialized tools, streamlining your workflow while delivering professional-grade results that meet the most stringent international surface preparation standards.

Drive Unit Example:

BRISTLE BLASTER® Ultimate Electric



230V SE-1401
120V SE-1501

Power	910W
Weight	ca. 3,8 kg
Speed Range	ca. 2.300 rpm
Cable Length	ca. 3,6 m

Also applicable with the BRISTLE BLASTER® Ultimate*:

- Cordless
- Pneumatic Double

**Use the ZU-038 cap, designed to fit the stripping discs diameter*



Disc-Pack - The 8-Pack
ZU-230

Lifetime: approx. 100 m² surface area of
Rustgrade B corrosion per disc pack

Disc Specifications

Disc Diameter	126 mm ± 0,8 mm
Disc Thickness	6,7 mm ± 0.3 mm
Shaft Size	8 mm hex
Rubber Hardness	50 Shore A
Pin Material	Tungsten Carbide
Pin Hardness	1500 HV
Recommended Speed	2.300 rpm
Maximum Speed	4,000 rpm

Tercoo® is exclusively available via the
MontiPower Global Network

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