

# The Pre-Bristle Blaster® Step

Heavy Coating and Corrosion  
Removal by MontiPower®



**MONTIPOWER**  
Ultimate Surface Preparation

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

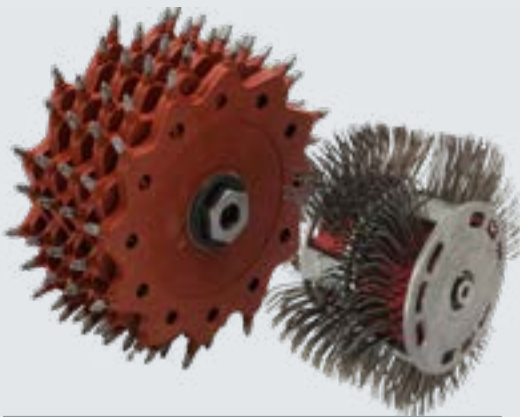


At MontiPower®, we redefine surface preparation through innovative tools that cover the entire coating preparation process - from removal to activation. Our integrated approach ensures every step works in harmony.

## **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 coaltar 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

## 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

Also applicable with the  
BRISTLE BLASTER® Ultimate\*:

- Cordless
- Pneumatic Double

*\*Use the ZU-O38 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

Tercoo® is exclusively available via the  
MontiPower Global Network