



ROTARY BRUSH CLEANERS

ABOUT SDI

SDI is the largest independent manufacturer of contact cleaning systems in the world.

Founded in 1979, we offer highly engineered products dedicated to yield improvement in dust-critical production areas.

RB Range



Features

- ◇ Single-sided rotary brush cleaner
- ◇ Retrofit or OEM install
- ◇ Air motor turns the brush - no electricity needed
- ◇ Vacuum provided by factory or simple industrial floor vac.
- ◇ Low cost, instant yield improvement

Applications

- ◇ **Web Printing**
 - ◇ An inexpensive pre-print web cleaner with no consumables
- ◇ **Web Print Finishing**
 - ◇ Use prior to rewind after die-cutting or hot foil stamping
- ◇ **Converting**
 - ◇ Slitting—where space precludes a full roller cleaner, a small format RB unit can be installed (usually in pairs on a lateral slide) to clean the edges of newly slit rolls.
- ◇ **Screenprinting**
 - ◇ Use on moving table or cylinder screen presses prior to printing.
- ◇ **Forming**
 - ◇ The RB can be installed in many industrial areas where multiple low-cost cleaning stations are required.
- ◇ **Conveyors**
 - ◇ The RB is an ideal conveyor cleaner

The list of applications for the RB Range is almost limitless.

Ideal for use when price is the driving force, the RB can be installed virtually anywhere to give quick results in removing even heavy contamination.

A choice of brush types means that the aggressiveness of the cleaning can be carefully specified for the application.

The RB range can even act as a pre-cleaner to SDI's roller cleaning systems, very important when contamination levels are high.





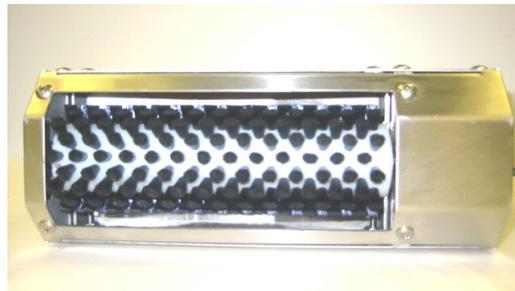
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Machine Options

- ◇ **Electric motor**
 - ◇ Though the majority of customers prefer the simplicity of the air motor, we can supply the RB with an electric motor to rotate the brush.
- ◇ **Installation / Orientation**
 - ◇ The RB Range can be specified to operate in either direction, and at any angle. The vacuum conduit and air regulator can exit from multiple points.



Specifications

- ◇ **Cleaning Widths (CW)**
 - ◇ 76mm
 - ◇ 152mm
 - ◇ 229mm
 - ◇ 305mm
 - ◇ 356mm
 - ◇ Large format custom sizes can be made, or multiple smaller units can be staggered
- ◇ **Services Required**
 - ◇ Vacuum (for <400mm cleaning width)
5kW, 90 litres per second
 - ◇ 5 bar clean dry air

Dimensions	
A	CW + 78mm
B	CW/2 + 62mm
C	206mm
D	96mm
E	73mm
F	8.38mm
G	63.5mm

BRUSHES

The standard brush supplied is: -

- ◇ 1550 bristles per inch
- ◇ Medium Density
- ◇ 0.2mm bristle
- ◇ White nylon

Depending on the application, different brushes might be more suitable.

We can vary: -

- ◇ Bristles per inch
- ◇ Brush density
- ◇ Bristle thickness
- ◇ Colour

IMPORTANT

Material thickness is only a guide to how well a substrate can be processed.

It is *rigidity* rather than thickness that determines a substrate's ability to be cleaned by our systems.

If in doubt, please send samples to our laboratory for testing at the SDI AMERICAS address.

