



BRUSHING SYSTEM DRB WCS

for wires, cables & tubes



**Mechanical surface treatment
with rotating spiral brush**

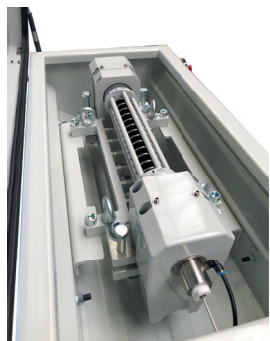
- ▶ Reduction of drawing agent residues & metal particles
- ▶ Removal of loose scale residues
- ▶ Extension of the maintenance intervals of forming machines such as spring & wire bending machines



- Sturdy, Compact, Effective
- Improves brush wiping action & reduces dirt build-up on filaments
- Budget friendly
- Simplest operation



BRUSH SYSTEM DRB WCS



The DRB WCS brushing system is a compact, environmentally friendly and cost-effective system for the mechanical in-line treatment of round materials. For this purpose, the material to be cleaned passes through a spiral brush fixed in a rotating unit. The Rotation enhances the wiping action of this proven tool and effectively reduces dirt build-up on the bristles. Depending on the application and material, brushes with plastic, steel or stainless steel bristles are used. The system consists of a sturdy steel frame with a conically downward shaped working box with exhaust connector. Inside the chamber is the rotation unit for holding a spiral brush. The chamber is fitted with a lid. If required, an air wipe can be installed behind it to finally blow off loose residual particles.

Removed contaminants are collected in the box and can be discharged by means of a suction device, connected to the exhaust connector (not included in the scope of delivery). Finally, loose residual particles are blown off with a compressed air nozzle. To change the used spiral brush, the two-part rotation unit is opened and a new brush is clamped in place.

The DRB WCS brush system is successfully used for:

- Removal of loose scale residues, metal particles and dust / Reduction of drawing agent residues such as Ca and Na stearates / Reduction and uniform distribution of talc on insulated conductors.

EQUIPMENT / TECHNICAL DATA:

- Made of powder coated steel
- Exhaust connection for connection to an on-site suction system
- Rotation unit (stainless steel) for clamping a cut-to-length spiral brush $\varnothing$ 57 mm with a length of up to max. 330 mm
- Cover safety device with electrical interlock
- Feed-throughs on the inlet and outlet side with brush seal
- Drive: three-phase motor, power 1.1 kW
- Adjustable motor speed
- Speed brush cage: max. 550 1/min
- Inlet height: 920mm – 1110mm (adjustable feet)
- Throughput direction selectable
- Connection: 400 V AC; 16 A
- Dimensions (LxWxH): 1350 x 550 x 1100 mm
- 1 spiral brush from the GEO standard range (length 1 m)
- 1 compressed air nozzle (selection according to wire diameter)

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