Plastics attract dust due to static electricity. The dust particles stick firmly to the surface, which makes it difficult to remove them. Due to their configuration, numerous plastic products have to be neutralized from a distance. For this purpose, SIMCO has developed ionising air blowers. The emitter points of the anti-static bar ionize the air which is blown towards the electrostatically charged object. The part is then neutralized by the ionized flow.

The BlowION ionizing air blower has been designed for multifunctional applications. It features an ergonomic, robust designed extruded anodized aluminum housing. The integrated fans and the intelligent positioning of an anti static bar and a high effective neutralizing technique to provide long range ionization over a large area. The patented built-in cleaner brush maintains the ionization production at optimum results by simply sliding from right to left. No HV wiring is required as the power supply is incorporated (only line cord).

The provided bolts (or optional Mounting hinges) warrant a simple installation and a quick Plug and Play of the unit. The BlowION is available in standard lengths from 520 mm effective length up to 1960 mm, in increments of 160 mm which covers most un- and rewinding applications.
Technical specifications

**Mechanical**
- Material housing: Anodized aluminium, coated steel
- Size: 158 (h) x 313 (w) x ... (l) mm
- Weight: BI-520 = 11 kg *
- Effective working width: 10 different sizes available: BI-520, 680, 840, 1000, 1160, 1320, 1480, 1640, 1800 and 1960 mm
- Ambient temperature: 0- 50 °C
- Noise level (at 100 cm distance): BI-520 low speed 49 dB (A)*
- BI-520 high speed 60 dB (A)*
- Air volume: BI-520 750 m³/h*
* Specifications for larger models upon request

**Electrical**
- Operating voltage: 100-240 V AC
- Current Max.: 3.5 A (I∞= 1.0 A at 230 V AC) (I∞= 2.0 A at 115 V AC)
- Frequency: 50 / 60 Hz
- Cable: 2 m, Euro-connector IEC-320-C14

**Options**
- Filter: Open cell, 30 ppi (pores per inch)
- Fan speed control: Variable

**Anti-static bar**
- Working distance: 40 - 1000 mm * (see chart)
- High Voltage circuit: Current limited, max. 0,7 mA from emitter point to earth

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