

Three Phase Industrial Vacuum

DG50 ENDLESS BAG IECEX Certified

This model has been specially developed by Delfin to meet the Australian Standard IECEX certification. It is ideal for vacuuming solids, dusts, and liquids in explosion hazard zones. Thanks to its powerful side channel blower, integrated manual filter shaker, 'endless' collection bag and large polyester filter, the DG50 IECEX Endless Bagging option easily stands out as the best three phase machine for IECEX certified areas. This unit is available with optional stainless steel tub.



SUCTION UNIT

The suction unit is a side channel blower, with a coupling directly between the motor and impeller fan. It is designed without any transmission system, and therefore is silent, totally maintenance free, and suitable for continuous duty operations. A pressure relief valve protects the motor, and provides additional air for cooling.



FILTRATION UNIT

The filter can be cleaned using an integrated mechanical system: an external lever shakes the filter vertically and enables the operator to clean the filter thoroughly and safely, maintaining constant suction performance and preventing any dispersion of dust in the environment. An antistatic polyester star filter is placed inside the steel filter chamber. A HEPA filter is also included as standard, which will hold the finest of dusts and guarantees cleanliness.



COLLECTION UNIT

The vacuum is assembled onto a sturdy steel chassis with industrial quality wheels that make it suitable for mobile service even when used on rough surfaces. Material is collected in a 20m 'endless' bag or optional stainless steel tub.

Main Features:

- IECEX certified
- Low noise level
- Pressure relief valve for motor protection
- Disposable bags for safe disposal of hazardous dusts
- Large surface antistatic filter
- Conceived for fine and hazardous dust suction
- Additional HEPA filter included
- Side channel blower motor, powerful, silent & totally maintenance free



MODELS AND DATASHEET

| MODELS | DG50 IECEX ENDLESS BAG |
|--|--------------------------|
| Power (V - Hz) | 400 - 50 |
| Power (kW) | 4 |
| Max Water Lift (mmH2O) | 2300 |
| Max Air Flow (m3/h) | 420 |
| Suction Inlet (mm) | 80 |
| Noise Level (EN ISO 3744) - dB(A) | 72 |
| Filter Type | Star |
| Surface Diameter (cm2-mm) | 30,000 - 500 |
| Material - Efficiency (IEC 60335-2-69) | Polyester - Antistatic M |
| Cleaning System | Manual |
| Secondary Filter | HEPA |
| Collection Tank | 20m Endless Bag |
| Capacity (Metres) | 20 |
| Dimensions (cm) | 70 x 120 x 150h |
| Weight (kg) | 137 |



ALUMINIUM AND PVC



RUBBER



WINE



WOOD



CEMENT