

INDUSTRIAL THREE-PHASE DG50 EXP Asbestos

The DG50 EXP ASBESTOS is the direct result of Delfin's twenty years of expertise in the construction of three phase industrial vacuum cleaners. Thanks to the TÜV H ASBEST certification, the DG 50 EXP ASBESTOS can vacuum fine and toxic dust (like the most dangerous one: asbestos dust) to secure the worker. Large capacity, power and robustness make it a safe investment for any enterprise.

SUCTION UNIT

The suction unit is a side channel blower, with direct coupling between the motor and the impeller fan. It is designed without any transmission system, and is therefore silent, totally maintenance free and suitable for continuous duty operations. Waste material coming from the turbine is channelled through a hose to the outside of the contaminated area. This way, hazardous dusts do not come in contact with the surrounding environment.

FILTRATION UNIT

The large surface star filter, located inside the filter chamber, is made of polyester and provides high resistance against clogging and passage of fine dust. A vacuum gauge enables to check constantly the state of the filter and detect possible clogging, warning the operator that the filter must be cleaned. It is possible to clean the filter using an integrated mechanical system: an external lever shakes the filter vertically and enables to clean the filter thoroughly and safely, maintaining constant suction performance and preventing any dispersion of dust in the environment.

COLLECTION UNIT

Safe bagging system for the safe disposal of the sucked dusts. The vacuum is assembled onto a sturdy steel chassis, and provided with industrial quality wheels, that make it suitable for mobile service even when used on rough surfaces.



Main Features:

- Industrial vacuum to safely collect all the asbestos dust
- Maintenance free motor suitable for 24/7 continuous duty
- Can vacuum dust, liquid and solid material at the same time.
- High surface star filter with integrated filter cleaning and filter efficiency detector.
- High capacity detachable container with possibility of using disposable bags
- Class M filter
- Class H14 filter

MODELS AND DATASHEET

MODELS	DG50 EXP Asbestos
Power (V - Hz)	400 - 50
Power (Kw)	4
Max Waterlift (mmH2O)_	3200
Max Airflow (m3/h)	450
Suction Inlet (mm)	80
Noice Level (EN ISO 3744) - dB(A)	72
Filter Type	Star
Surface Diameter (cm2-mm)	30,000 - 500
Material - Efficiency (IEC 60335-2-69)	Polyester - M
Cleaning System	Manual
Discharge System	Roll-out container
Capacity (Litres)	100
Dimensions (cm)	66 x 118 x 145H
Weight (kg)	137

