

DG EXP 50 SE - INDUSTRIAL THREE PHASE



ALUMINUM AND PVC



BUILDING AND CONSTRUCTION



METALWORKING



VEHICLE - TRANSPORT CLEANING



- ✓ Easy filter replacement
- ✓ Complete steel construction
- ✓ Suitable for high specific weight material
- ✓ Side channel blower motor, powerful and silent, totally maintenance free, suitable for continuous duty

- ✓ Vacuum gauge to detect filter clogging
- ✓ Largest surface filter in its category
- ✓ Very suitable for the suction of large quantities of material
- ✓ Compact and mobile



SUCTION UNIT

Voltage	V - Hz	400-50 3~
Power	kW	4,3
Electrical protection	IP	55
Max waterlift	mmH2O	5100
Max air flow	m ³ /h	320
Suction inlet	mm	80
Noise level (EN ISO 3744)	dB(A)	73



FILTRATION UNIT

Filter Type		Star
Surface - Diameter	cm ² -mm	30.000-500
Material - Efficiency	IEC 60335-2-69	Polyester - L
Air load on filter	m ³ /m ² /h	107
Cleaning system		Manual



COLLECTION UNIT

Discharge system		Roll-out container
Capacity	lt.	100



VOLUME

Dimensions	cm	66x118x145h
Weight	kg	145



SUCTION UNIT

The suction unit is a side channel blower, with direct coupling between the motor and the impeller fan. It designed without any transmission system, and is therefore silent, totally maintenance free and suitable for continuous duty operations.



FILTRATION UNIT

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. The large surface star antistatic 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.



COLLECTION UNIT

The detachable steel collection tank has a quick release system for the rapid disposal of the sucked material.

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.



OPTIONALS

- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER
- ✓ STAINLESS STEEL COLLECTION TANK
- ✓ TOTAL STAINLESS STEEL CONSTRUCTION
- ✓ ANTISTATIC FILTER CLASS L
- ✓ ANTISTATIC FILTER CLASS M
- ✓ ABSOLUTE HEPA FILTER
- ✓ FILTER FOR FINE DUST - CLASS M
- ✓ PTFE COATED FILTER CLASS M
- ✓ PRESSURE RELIEF VALVE
- ✓ EARTH GROUNDING