

## DG50 EXP - INDUSTRIAL THREE PHASE



ALUMINUM AND PVC



BUILDING AND CONSTRUCTION



METALWORKING



VEHICLE - TRANSPORT CLEANING



- ✓ Easy filter replacement
- ✓ Compact and mobile
- ✓ Extractable collection container with optional use of disposable bags
- ✓ Largest surface filter in its category
- ✓ Side channel blower motor, powerful and silent, totally maintenance free, suitable for continuous duty
- ✓ Vacuum gauge to detect filter clogging



### SUCTION UNIT

Voltage	V - Hz	400-50 3~
Power	kW	4
Electrical protection	IP	55
Max waterlift	mmH2O	3200
Max air flow	m <sup>3</sup> /h	450
Suction inlet	mm	80
Noise level (EN ISO 3744)	dB(A)	72



### FILTRATION UNIT

Filter Type		Star
Surface - Diameter	cm <sup>2</sup> -mm	30.000-500
Material - Efficiency	IEC 60335-2-69	Polyester - L
Air load on filter	m <sup>3</sup> /m <sup>2</sup> /h	150
Cleaning system		Manual



### COLLECTION UNIT

Discharge system		Roll-out container
Capacity	lt.	100



### VOLUME

Dimensions	cm	66x118x145h
Weight	kg	137



## 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 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 vacuumed material is collected into a wheeled steel detachable container, which can be extracted for easy disposal and can be used with optional disposable bags, for safer and handier disposal.



## OPTIONALS

- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST
- ✓ REMOTE CONTROL
- ✓ CYCLONE FOR FILTER PROTECTION
- ✓ STAINLESS STEEL TANK AND FILTER CHAMBER
- ✓ STAINLESS STEEL COLLECTION TANK
- ✓ TOTAL STAINLESS STEEL CONSTRUCTION
- ✓ ACTIVATED CARBON FILTER
- ✓ ANTISTATIC FILTER CLASS L
- ✓ ANTISTATIC FILTER CLASS M
- ✓ ABSOLUTE HEPA FILTER
- ✓ EXTRA LARGE FILTER CLASS L