

## ZEFIRO EL T4 - INDUSTRIAL THREE PHASE



BUILDING AND CONSTRUCTION



FOOD INDUSTRY



METALWORKING



SURFACE PREPARATION



- ✓ Compact and mobile
- ✓ Complete steel construction
- ✓ Extractable collection container with optional use of disposable bags
- ✓ Integrated filter cleaning system
- ✓ Reduced downtime of machine tools
- ✓ Side channel blower motor, powerful and silent, totally maintenance free, suitable for continuous duty
- ✓ Simultaneous suction of solid, dust and liquid material
- ✓ Vacuum gauge to detect filter clogging



### SUCTION UNIT

Voltage	V - Hz	400 - 50
Power	kW	4
Electrical protection	IP	55
Max waterlift	mmH <sub>2</sub> O	3.200
Max air flow	m <sup>3</sup> /h	400
Suction inlet	mm	80
Noise level (EN ISO 3744)	dB(A)	76



### FILTRATION UNIT

Filter Type		Star
Surface - Diameter	cm <sup>2</sup> -mm	20.000 - 500
Material - Efficiency	IEC 60335-2-69	Polyester - L
Air load on filter	m <sup>3</sup> /m <sup>2</sup> /h	200
Cleaning system		Manual



### COLLECTION UNIT

Discharge system		Roll-out container
Capacity	lt.	60



### VOLUME

Dimensions	cm	67x66x170h
Weight	kg	95



## 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

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.

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.



## COLLECTION UNIT

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.

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



## OPTIONALS

- ✓ ABSOLUTE HEPA FILTER
- ✓ ANTISTATIC FILTER CLASS L
- ✓ ANTISTATIC FILTER CLASS M
- ✓ CYCLONE FOR FILTER PROTECTION
- ✓ EARTH GROUNDING
- ✓ FILTER FOR FINE DUST - CLASS M
- ✓ HEAT RESISTANT FILTER (UP TO 250° CELSIUS)
- ✓ OTHER VOLTAGES AND FREQUENCIES AVAILABLE UPON REQUEST
- ✓ PRESSURE RELIEF VALVE
- ✓ PTFE COATED FILTER CLASS M