







DG300 HD PN ACD - INDUSTRIAL THREE PHASE



CEMENT



BUILDING AND CONSTRUCTION







PACKAGING



- ✓ Hour meter for planned maintenance
- ✓ Star-triangle switchboard
- ✓ Reduced downtime of machine tools
- ✓ High filtration efficiency
- ✓ Integrated automatic filter cleaning system









/	Side channel blower motor, powerful and
	silent, totally maintenance free, suitable for
	continuous duty

- ✓ Tangential suction inlet with integrated separation cyclone
- ✓ Complete steel construction
- ✓ Pressure relief valve for motor protection
- ✓ Vacuum gauge to detect filter clogging

SUCTION UNIT						
Voltage	V - Hz	400 - 50 3~				
Power	kW	25 - 46				
Electrical protection	IP	65				
Max water lift	mmH□O	4.000				
Max air flow	m³/h	2.050				
Suction inlet	mm	120				
Noise level (EN ISO 3744)	dB(A)	78				

FILTER UNIT		
Filter Type		Cartridge
Surface - Diameter	cm²-mm	260.000
Material - Efficiency	IEC 60335-2-69	Polyester - ANT M
Cleaning system		Automatic PN
Cartridge number		4

COLLECTION UNIT					
Capacity	I	220			
VOLUME					
Dimensions	cm	92x220x220h			
Weight	kg	825			





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.

A pressure relief valve protects the motor, providing additional air for cooling.



FILTER 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.

The suction inlet is tangential, with an internally welded cyclone that deflects the incoming material.

The polyester cartridges inside the filter chamber guarantee large filter surface and prevent filter clogging.



COLLECTION UNIT

The vacuumed material sets down into the container equipped with castors. Thanks to the safe and complete frontal discharge it's easy to empty the container without get in contact with dirt. The industrial vacuum is mounted on a robust epoxy painted chassis, with polyurethane castors and forklift intakes.