



## Electric abrasive vacuums recovery

VC industrial vacuums recovery are the most powerful range of industrial vacuum cleaners. From 7.5 kW to 110 kW power, VC industrial vacuums recovery have been specifically configured for vacuum work during blasting and painting applications that take place in shipyards, maintenance docks, metal structures or tank cleaning. Compact and robust in design, they are extremely powerful suction units for the recovery and transfer of abrasives during surface preparation using long technical suction hoses with anti-abrasive interior coatings.





## INDUSTRIAL EQUIPMENTS



VC ABRASIVE VACUUM RECOVERY MODELS								
	VC 7.5	VC 18.5	VC 30	VC 37	VC 45	VC 55	VC 75	VC 90
Capacity (t/h)	0.5-1	0.8-2	1.2-4	1.5-5	2-7	3-8	5-12	6-15
Electric Engine (kW)	7.5	18.5	30	37	45	55	75	90
Fan speed (rpm)	3740	3660	3680	3680	3300	2965	3710	3710
Engine speed (rpm)	2910	2930	2945	2945	2955	2965	2970	2975
Vacuum Pump (AERZEN Fan)	GM 4S	GM 15L	GM 25S	GM 25S	GM 30L	GM 50L	GM 50L/60S	GM 60S/80L
Flow rate consumed at 500 mbar (m³/min)	3.98	12.6	18.2	25.7	33.8	42.7	54.6	72
Final temperature at outlet (°C)	74	70	67	67	66	66	65	67
Suction distance (recommended)	8	15	20	25	30	40	50	60
Maximum suction distance (m)	15	22	32	40	50	60	80	100
Quantity of filters (pcs)	1	2	2	2	2	4	4	4
Filtering surface (m²)	2	8	20	22	24	40	40	60
Start-Stop Method	star-delta	star-delta	star-delta	star-delta	star-delta	star-delta	star-delta	star-delta
Noise level (dB)	75	75	80	85	85	85	90	90
Electrical supply	380 V-50 Hz / 440 V-60 Hz o 380 V-60 Hz o 220 / 440 V 60 Hz / bajo pedido							
Dimensions l x w x h (mm)	1000 x800 x1600	1150 x1100 x2100	1300 x1190 x2150	1300 x1190 x2150	1400 x1350 x2300	1650 x1600 x2650	1690 x1650 x2650	1890 x1750 x 2750
Weight (kg)	850	1150	1300	1400	1650	2100	2350	2800
Recommended silo (m³)	0.8	1	1.5	1.5	2.5	3.5	4	5

\*Other configurations on request





## Questionnaire

1. Type of industry: \_\_\_\_\_

2. Material to be collected/transported: \_\_\_\_\_

3. Composition of the material to be vacuumed:

\_\_\_\_\_

Solids:

\_\_\_\_\_

Escoria:

\_\_\_\_\_

Liquids:

\_\_\_\_\_

Other:

4. Bulk density \_\_\_\_\_

5. Suction capacity required: \_\_\_\_\_

6. Maximum temperature of the material to be sucked up: \_\_\_\_\_

7. Maximum/minimum moisture content: \_\_\_\_\_

8. Particle size (mm) \_\_\_\_\_

9. Maximum distance from the base to the collection point:

\_\_\_\_\_

Horizontal:

Vertical: \_\_\_\_\_

10. Maximum distance from the base to the unloading point: \_\_\_\_\_

11. Execution: stationary, truck transport, portable, etc...: \_\_\_\_\_

Other relevant information, including possible drawings/sketches determining the circumstances of the workplace.



The Surface Finishing Expert



## PRODUCT AND SERVICES

Portable blasting equipments / Nozzles and nozzle holders / Hoses and couplings / Lighting systems / Wet blasting / Dust-free Vacuumblast / Waterjetting / Abrasive vacuum recovery systems / Dust collectors / Dehumidifiers / Blast rooms / Blast cabinets / Internal pipe cleaners / Airless painting equipment / Plural component systems / Internal pipe painting / Low pressure painting equipments / Dry ice blasting / Personal protection / Measuring instruments / Abrasives

## CONTACT

**Couto Industrial**

P.I. Mora Garay

C/ Marie Curie 47

32211 Gijón

Principado de Asturias / España

**T.** (+34) 985 30 84 65 /66

**Fax:** (+34) 985 32 46 30

info@coutoindustrial.com

**www.coutoindustrial.com**

