

Sand Series

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The ultimate vacuum cleaning solutions for heavy industry
SAND SERIES
Truck-mounted, Trolley-mounted, Diesel engine-driven, Electrical motor-driven



High Power Vacuums are irreplaceable tools in heavy industries to collect big quantity of dry bulk granular or dusty materials released during the working process.

The SAND series is composed of highly mobile heavy duty vacuums to be used in cement, steel and power plants, in the production of glass, plaster, lime, ceramics. In general every situation where the collection of tonnes of material per hour is required.

The SAND series can be installed on truck or on trolley. It means it can better perform in large compounds. The SAND series is installed on a platform and this solution allows the customer to choose between a wide range of vehicles, either new or second-hand.

The SAND series

- The main features are:
- Sturdy construction
 - Diesel engine from 32 kW to 140 kW.
 - Electrical motor from 30 KW to 55 kW
 - Rotary Roots pump
 - High capacity filters
 - High capacity container
 - High suction power
 - High versatility
 - Simple use control box and commands



TECHNICAL DATA	SAND 44	SAND 90	SAND 130 Trolley	SAND 130 Truck
Diesel engine power-kW	32.5	66.0	97.0	97.0-140.0
Electrical motor power-kW	22-30	37-45-55	/	/
Max. vacuum - mbar	700-800	700	700	700
Max. airflow - m³/h	1,300-2,000	1,800-2,800	3,200	3,200-4,000
Filter surface - m²	12.0	16.0	26.0	26.0
Container capacity - m³	1.0	4.0	6.0	6 - 10
Security filter surface - m²	1.8	9.5	13.0	13.0



Small unit trolley-mounted and very mobile. Standard version driven by a 3-cylinder Diesel engine, water cooled and 54 L fuel tank. Available also with electrical motor. Large filter mounted in the vacuum unit with automatic mechanical shaker. 150 L Fine dust compartment. Many inspection doors. 1 m3 hopper with level sensor, cyclone head and D250mm discharge valve. D80mm sucking inlet.



Medium size truck-mounted unit. Standard version driven by a 4-cylinder Turbo-charged Diesel engine, water cooled and 85 L fuel tank. Available also with electrical motor. Large filter mounted in the container automatic mechanical shaker. Hydraulic system for discharging container. Container fitted with level sensor. Double suctions inlets D100mm.



Big size trolley-mounted unit. Standard version driven by a 6-cylinder Turbo-charged Diesel engine, water cooled and 120 L fuel tank. Large filter mounted in the vacuum unit automatic mechanical shaker. 400 L fine dust compartment. Hydraulic system for discharging container. Container fitted with highly efficient cyclone head. D100mm or D120mm suction inlet.



Big size truck-mounted unit. Standard version driven by a 6-cylinder Turbo-charged Diesel engine, water cooled and 82 L fuel tank. Large filter mounted in the container with automatic mechanical shaker. Hydraulic system for discharging container. Container fitted with level sensor. Double suctions inlets D100mm or D120mm. Side room for placing accessories.