



# comatex



## CA ATEX: explosion-proof industrial vacuum cleaners

CA ATEX industrial vacuum cleaners are certified to operate in areas where maximum operational safety is required. Explosion-proof and ATEX-certified for dust zone 22, these vacuum cleaners are essential to minimize the risk of explosions in potentially hazardous atmospheres and have been designed to vacuum dust with a potential low risk of explosion.

Therefore, they can be safely used in:

- Bakeries
- Chemical-pharmaceutical sector
- Flour and grain mills
- Cereals and wood pellet warehouses
- Metallurgical companies and mines

And generally in environments where electrostatically charged dusts are present.

### THE ADVANTAGES OF CA ATEX

- Essential vacuum cleaners to minimize the risk of explosions in potentially dangerous environments.
- Very quiet vacuum cleaners.
- Explosion proof ATEX certified for dust Zone 22, a place in which an explosive atmosphere in the form of a cloud of combustible dust in air is not likely to occur in normal operation but, if it does occur, will persist for a short period only.
- The large filtration surface area and the large air flow allow to work in the presence of large amounts of dust.
- The filter has an above-average life span due to presence of the separator cyclone and the tangential inlet.
- The possibility to install numerous accessories makes these vacuum cleaners extremely versatile and therefore suitable to be used in various applications.
- Tanks and filter chamber are produced in AISI 304 stainless steel
- The coaxial induction turbine provides powerful suction, continuous service, a long life and does not require maintenance.
- Equipped with antistatic class L star-shaped filters.



CA ATEX22 30 XS  
Tank capacity: 30 l  
Type: industrial  
Suction: turbine single-phase



CA ATEX22 40M  
Tank capacity: 60 l  
Type: industrial  
Suction: turbine three-phase



CA ATEX22 40L  
Tank capacity: 100 l  
Type: industrial  
Suction: turbine three-phase

## Details that matter:



### COAXIAL TURBINE

The Comac technology for reducing waste and increasing performance.

A coaxial type turbine means having a direct connection between motor and turbine. This solution enables reductions in wasted energy due to the drive system, and also guarantees a lower noise level and less maintenance. Thanks to the use of high efficiency induction motors, it is possible to work continuously. The life of the turbine is significantly increased compared to vacuum cleaners with belt drive turbine, which means the investment retains its value over time.



### SMART TURBINE SUPPORT

The technological solution by Comac that allows easy access to the filter.

Smart mechanism for lowering and detaching the tanks by lifting a practical lever. This functionality lever (CA ATEX22-40M AND CA ATEX22 40L models), together with the wheeled tank, make the emptying operations extremely convenient. Both tanks can be easily, effortlessly and quickly pulled out. The turbine always remains in place and it is not necessary to lift it to access the filter.

### FILTER SHAKER

The autonomous filter cleaning mechanism makes it vibrate continuously during use. Practical filter shaker knob positioned on the tank.

### TANGENTIAL VACUUM INLET

Creates a vortex of the incoming dust helping to keep the filter clean.

### REAR WHEELS WITH BRAKES

To secure the unit in place.

### EASY TO HANDLE VACUUM CLEANERS

The good mobility offered by the large diameter wheels allows the use of vacuum cleaners even in confined spaces.

In addition, the tank can be uncoupled with a handle and easily moved thanks to its four castor wheels.

### INTERNAL CYCLONE CONE

It further protects the filter against dust and debris.

### STAINLESS STEEL TANK

Tanks are produced in AISI304-stainless steel.



## Available kits and accessories for CA Atex



**217182**

Antistatic kit - Ø40 mm



**217183**

Antistatic kit - Ø50 mm



**401008**

Hose: Oregon - polyurethane, antistatic, oilproof - Ø40 mm



**401009**

Hose: Oregon - polyurethane, antistatic, oilproof - Ø50 mm



**412509**

Hose: Steel - Ø40 mm



**426769**

Hose: Steel - Ø50 mm



**229271**

Exhaust air cartridge HEPA filter kit  
HEPA class H14 - Model XS



**445659**

Antistatic polyester pre-filter



**217848**

Complete antistatic  
star filter - class L - Models M - L



**222903**

Complete antistatic  
star filter - class L - Model XS



**231920**

HEPA filter kit - Models M - L



**400582**

Reducer cuff 70 > 50 inox steel



### Legend

- standard
- ◇ optional

TECHNICAL DESCRIPTION	CA ATEX22 30 XS	CA ATEX22 40M	CA ATEX22 40L
Voltage-Frequency	V-fase-Hz	230-1-50	400-3-50
Power	W - Hp	2200 - 3hp	3000 - 4hp
Turbine	Type	Coaxial induction - single stage	Coaxial induction - single stage
Water lift	mm H <sub>2</sub> O	3200	3200
Airflow	cu.m./h	350	350
Tank capacity	l	30	100
Type of collection	-	Tank	Tank
Filtration surface area	sq.m	13000	19500
Noise level	dB	71	71
Dimensions (Lxhxw)	mm	660x600x1300	630x860x1550
Net weight	kg	60	94

\*other voltages available on request



Industrial



Cleaning  
contractors



HoReCa



Handicraft



Automotive



Logistics



Transport



COMAC S.p.A. Via Maestri del Lavoro, 13 - 37059 Santa Maria di Zevio - Verona - ITALY  
Tel. 045 8774222 - www.comac.it - com@comac.it

Comac S.p.A. org. cert. ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, SA 8000:2014

