





## Product range

	Model	Type	Applications
	<b>NEUMATIC® JK8 – JK16 CENTRAL UNIT</b>	High vacuum unit	All type of dust excluding sticky dust
	<b>NEUMATIC® JE – JR</b>	Dust collector for centralised vacuum cleaning	Equipped with pocket: all type of dust Equipped with rigid element: Chemical/ Pharmaceutical
	<b>NEUMATIC® JK8 – JK16</b>	Dust collector for high pressure centralized vacuum system	All type excluding sticky dust
	<b>NEUMATIC® JK10</b>	Dust collector for centralised vacuum cleaning	All type excluding sticky dust For small tonnages of powder and granules

# NEUMATIC® JK8 – JK16

## HIGH-VACUUM UNIT



Suitable for cleaning floors, production machinery and portable tools

The **NEUMATIC® JK** unit comprises

- + A filter vessel with filter elements cleaned with compressed air
- + A vacuum unit (low flow at high vacuum pressure)
- + An electrical cabinet to control operation, vacuum unit protection and unclogging of filter elements within the filter vessel.



### ATEX VERSION

In ATEX version, the NEUMATIC® JK can be used to extract dust with a risk of explosion. It is then equipped with devices allowing:

#### Reduction of explosion risk

- + Antistatic filter cartridges
- + Grounding of metal parts

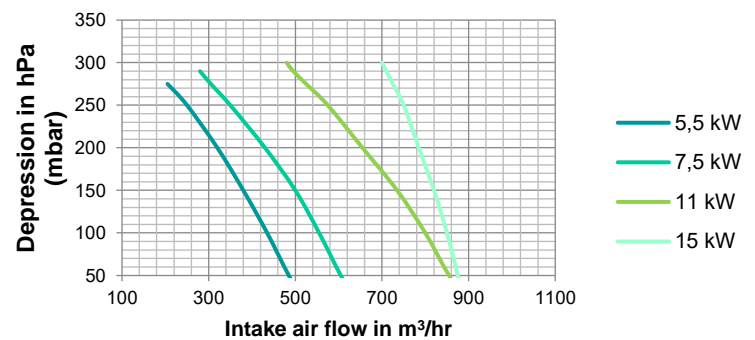
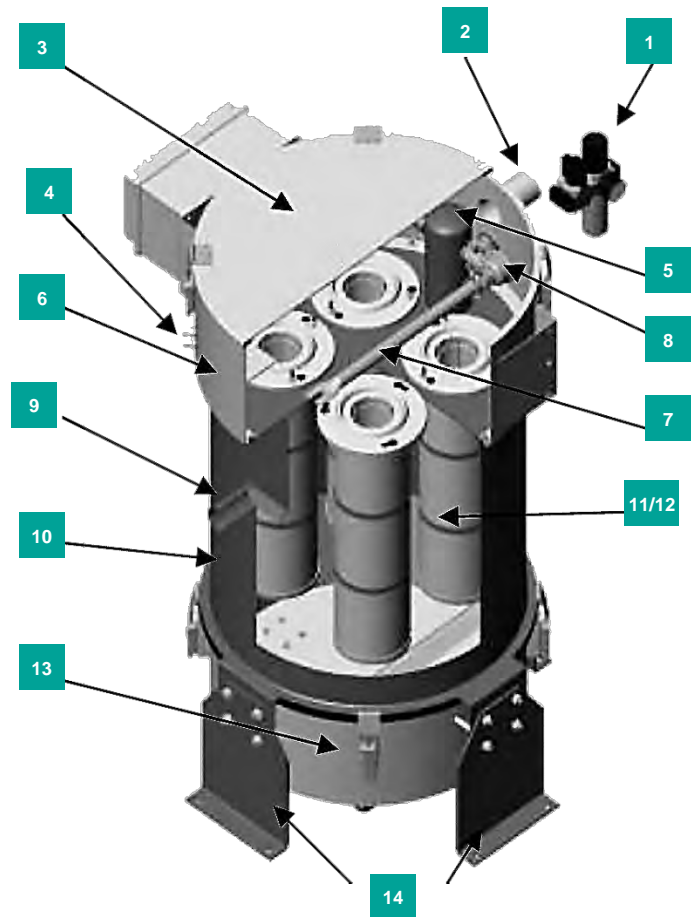
#### Reduction of their effects

- + Decompression vent on one side.
- + Possibility to install INDOOR vents.



## DESCRIPTION (Filter receiver alone)

1	Filter / pressure-reducing gauge assembly (optional)
2	Clean air outlet
3	Top cover
4	Pressure connections + wall opening
5	Compressed air cylinder
6	Clean air chamber
7	Blowing tube
8	Unclogging valves
9	Dust-laden air inlet
10	Dust-laden air chamber
11	Antistatic filter element
12	Element basket
13	68-litre dust collection bin
14	Support feet



## CHARACTERISTICS

	Filtering Surface in m <sup>2</sup>	Power in kW	Weight in kg		Sound level in dB(A)*
			Standard Version	ATEX Version	
<b>Neumatic® JK8 unit</b>	8,4	5,5 - 7,5	320 - 335	340 - 355	77,1 - 77,6
<b>Neumatic® JK16 unit</b>	16,8	11 - 15	385 - 440	410 - 470	81 - 84,7

\* Measured in free field at 1 m according to NF EN ISO 3744



# NEUMATIC® JE - JR

## FOR CENTRALISED VACUUM CLEANING

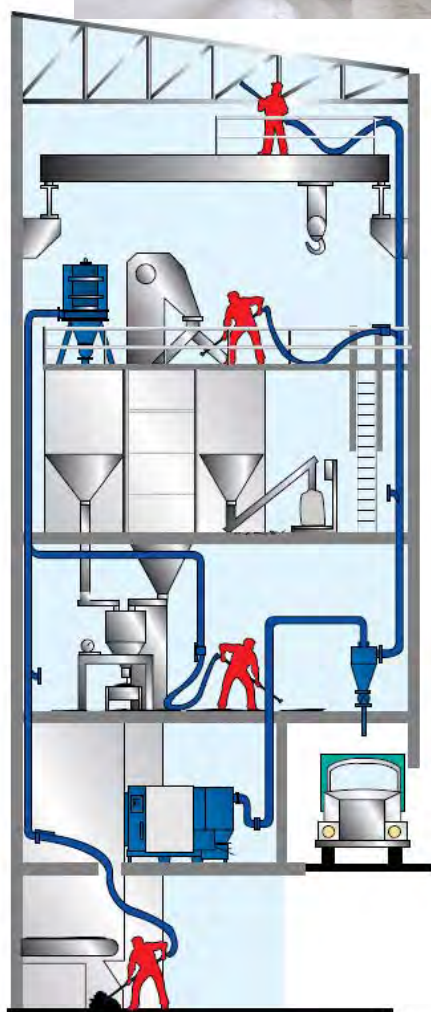


The **NEUMATIC® JE-JR** is a dust collector with automatic cleaning by injection of compressed air and constitutes the major part of a centralised cleaning installation.

**Clean premises help to improve safety and working conditions and reduce the risk of explosion.**

A centralised vacuum cleaning system generally consists of the following:

- + Dust collection accessories (flexible, cane, suction nozzle)
- + Material reception devices
- + Negative pressure element
- + Sound insulation
- + Conveying pipe
- + Automatic cleaning filter
- + Material collecting system



### OPERATING PRINCIPLE

- + The dust air arrives laterally. A wide deflector allows a direct settling of the largest particles in the hopper.
- + The finest dust passes through the filter media from the outside to the inside, depositing dust on the outside of the filter media.
- + The clean air is then evacuated to the outside of the filter.
- + Unclogging is achieved by a very short injection of compressed air into the filter bag via a venturi.



Available in ATEX version : vent on one side or above



1	Clean air exhaust
2	Compressed air connections
3	Hopper flange on filter casing
4	Dust air inlet
5	Sequencer
6	Collecting bin

### OPTIONS

- + 95L bin on wheels with cover (pre-equipped for equi-pressure system)
- + Complete kit for equi-pressure (flexible + couplings)
- + Shutoff valve with 2 sleeves, plate, nuts and bolts

### RANGE

Model	Filtering surface (m <sup>2</sup> )	Weight approx. with complete filter body (kg)	Hopper weight with tangential inlet (kg)	Set of 4 standard feet		Set of 4 raised feet for valve option	
				Length (mm)	Weight (kg)	Length (mm)	Weight (kg)
NEUMATIC® JE6	6	270	100	1 340	55	1 604	65
NEUMATIC® JE12	12	360	100	1 340	55	1 604	65
NEUMATIC® JE20	20	500	190	1 543	60	1 807	70
NEUMATIC® JE30	30	600	280	1 796	65	2 060	80
NEUMATIC® JR12	12	290	100	1 340	55	1 604	65
NEUMATIC® JR24	24	380	100	1 340	55	1 604	65
NEUMATIC® JR40	40	520	190	1 543	60	1 807	70

### ACCESSORIES



# NEUMATIC® JK8 - JK16

## DUST COLLECTOR FOR HIGH PRESSURE CENTRALIZED VACUUM SYSTEM



The **NEUMATIC® JK** is a dust collector with filter cartridges. It is a circular filter vessel with filter elements unclogged by the injection of compressed air inside the filter elements. They are specially designed to be integrated in high vacuum suction installations such as floor, machines and workstations cleaning or collection facilities on portable tools (orbital sander or others).

### OPERATING PRINCIPLE

The dust air arrives laterally in the **NEUMATIC® JK**. A deflector allows direct settling of the largest particles in the bin. The finer dust passes through the filter media from the outside to the inside, leaving the dust on the outside of the filter media. The clean air is then evacuated to the outside of the filter. Unclogging is achieved by a very short injection of air into the filter cartridges.



Available in ATEX version

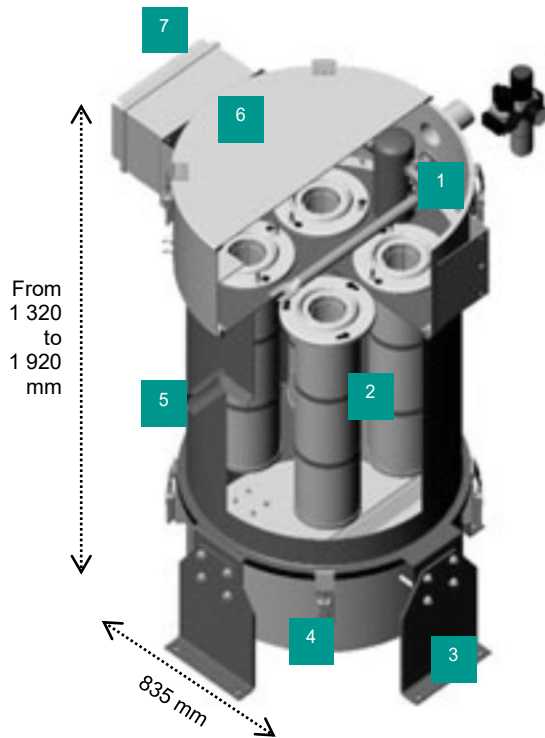
### SAFETY

The **NEUMATIC® JK** may be fitted with devices to reduce the risk of explosion and to reduce its effects

- + Anti-static filter cartridges
- + Earthing of metal parts
- + Venting nozzle located on one side. Possibility of putting INDOOR vents on this equipment.



1	Unclogging valves
2	Filter cartridge
3	Support feet
4	68 liters dust collection bin
5	Dust-laden air inlet
6	Top cover
7	Electronic sequencer



## CHARACTERISTICS

- + Delivery in one piece for quick and easy installation.
- + Hinged cover for easy access.
- + The Neu cartridge is made with a non-woven polyester media composed of a mattress of fibers thermally connected over the entire surface. The perfectly homogeneous structure ensures optimum filtration. A low level of dust release (less than mg / m<sup>3</sup>) allows for recycling
  - Media : 100 % polyester.
  - Embossed non-woven media that limits crushing of folds.
  - Filtering media efficiency class M > to 99,9 % for dust between 0,2 and 2 µm, as per EN 60 335-2-69 Standard (Annexe AA).
- + Access to the filter cartridges through the clean air box.

## RANGE

Model	Filtration surface (m <sup>2</sup> )	Nber of filtering cartridge	Max. air flow m <sup>3</sup> /h	Max. vacuum rate daPa	Weight kg
NEUMATIC® JK8	8,4	4	550	3 000	120
NEUMATIC® JK8 EX	8,4	4	550	3 000	150
NEUMATIC® JK16	16,8	4	1 100	3 000	160
NEUMATIC® JK16 EX	16,8	4	1 100	3 000	200

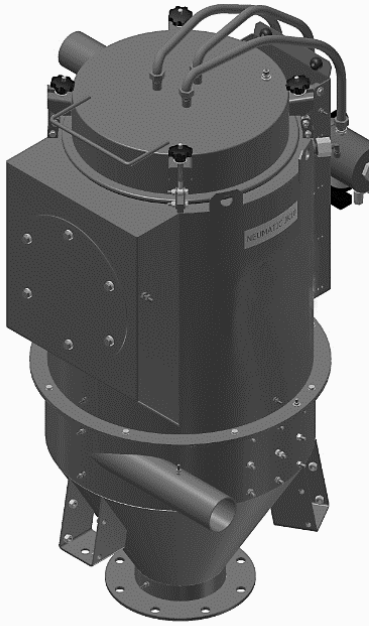


# NEUMATIC® JK10

## PNEUMATIC CONVEYOR

### For fast and safe transfer of your raw materials

- + The **NEUMATIC® JK 10** is a pneumatic conveyor designed for small tonnages of **powder** and **granules**. It is equipped with an indoor venting for handling potentially explosive products (in option)



### EXAMPLE OF APPLICATIONS

- + Process feeding with raw material (food granules, powders, etc.)
- + Pneumatic transfer of dust from filtration systems
- + Dust is centralised to a single storage unit
- + And more

### ADVANTAGES

- + Can handle potentially-explosive products.
- + Can be installed indoors or outdoors
- + Discharge rate < 1 mg/m<sup>3</sup>
- + Compact monobloc unit
- + High-performance cleaning for extended cartridge life
- + Integral cleaning valve on the compressed air reservoir for optimising energy consumption.
- + Cyclone entry designed to avoid wear
- + Easy to maintain
- + Equipped with a touch screen **NEUSMART** control panel for setting cleaning cycles, pressure drop and dust discharge, and for programming your maintenance phases

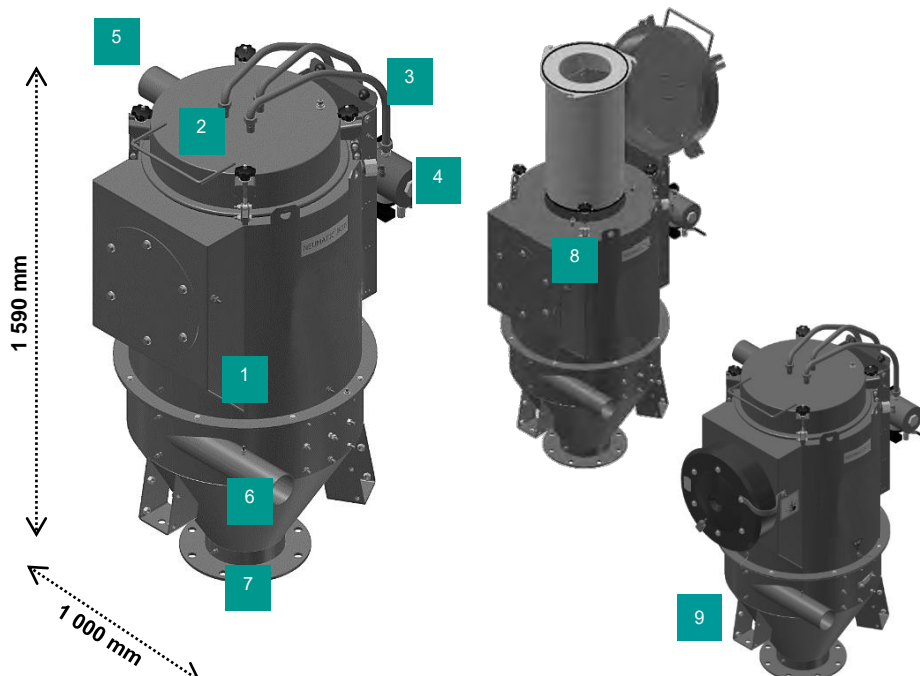
### SAFETY

- + Anti-static filter element and indoor vent for use of the **NEUMATIC® JK 10** on potentially-explosive dust.
- + ATEX version (Hoerbiger indoor vent, reduced safety zone around appliance).





1	Casing
2	Hinged cover
3	Cleaning valves
4	Compressed air reservoir
5	Clean air outlet
6	Soiled air inlet
7	Standard or large size hopper
8	Filter cartridge
9	Indoor vent (option)



## AVAILABLE MODEL

Model	Filter surface (m <sup>2</sup> )	Weight (kg)
JK 10 standard hopper	10	150
JK 10 large size hopper	10	170
JK 10 EX standard hopper	10	230
JK 10 EX large size hopper	10	250

## CHARACTERISTICS

- + Delivered as a single monobloc unit for quick and easy installation.
- + Hinged lid giving easy access.
- + Filter element with 10m<sup>2</sup> surface area.
- + Hopper size can be adapted to the type of product (large size hopper optional)
- + Thick metal construction resistant to pressure/vacuum.

## NEUMATIC® JK 10 ATEX Version

### Option :

- + High temperature aluminium paint
- + Outdoor vent FIKE
- + Outside compressed air collector

