

TECHNICAL DATA

TX	Units	300	400 P	400 S	550 P	550 S	750
<b>Suction type</b>		Side channel blower	Side channel blower	Side channel blower	Side channel blower	Side channel blower	Side channel blower
<b>Power</b>	kW-HP	3 - 4	4 – 5,5	4 – 5,5	5,5 - 7,5	5,5 - 7,5	7,5 - 10
<b>Voltage   Frequency</b>	V/Hz	400 50/60	400 50/60	400 50/60	380 50/60	380 50/60	400 50/60
<b>IP   insulation class</b>		55   F	55   F	55   F	55   F	55   F	55   F
<b>Maximum vacuum</b>	mBar	320	300	520	330	550	390
<b>Vacuum in continuous run</b>	mBar	250	170	360	260	460	310
<b>Air flow</b>	m³/h	420	530	330	530	330	550
<b>Inlet</b>	Ø mm	70	70	70	70	70	70
<b>Noise level - EN ISO 3744</b>	dB(A)	74	76	76	76	76	79
<b>Bin capacity</b>	Lt	100	100	100	100	100	100
<b>Dimensions</b>	mm	650x1100	650x1100	650x1100	650x1100	650x1100	650x1100
<b>Height</b>	mm	1400	1400	1400	1400	1400	1400
<b>Weight</b>	Kg	130	140	140	155	155	190
<b>Primary Filter</b>							
Type		Pocket Filter	Pocket Filter	Pocket Filter	Pocket Filter	Pocket Filter	Pocket Filter
Surface area   Diameter	cm²	38.000	38.000	38.000	38.000	38.000	38.000
Class En 60335-2-69		M	M	M	M	M	M
Media		Polyester	Polyester	Polyester	Polyester	Polyester	Polyester
Filter cleaning		Manual Shaker	Manual Shaker	Manual Shaker	Manual Shaker	Manual Shaker	Manual Shaker
<b>SP Filter cleaning - optional</b>							
Surface area	cm²	100.000	100.000	100.000	100.000	100.000	100.000
Class En 60335-2-69		M	M	M	M	M	M
Media		Polyester	Polyester	Polyester	Polyester	Polyester	Polyester
Filter cleaning		Reverse Jet	Reverse Jet	Reverse Jet	Reverse Jet	Reverse Jet	Reverse Jet
<b>Upstream absolute filter – Optional</b>							
Surface area	cm²	28.000	28.000	28.000	28.000	28.000	28.000
( Class – EN 1822 )		H14	H14	H14	H14	H14	H14
Media		Fiberglass	Fiberglass	Fiberglass	Fiberglass	Fiberglass	Fiberglass



Industrial Threephase vacuum



All datas mentioned in this document may change without notice.



**SUCTION UNIT**

The suction unit is a made in Italy side channel blower with direct coupling between motor and impeller. It is equipped with a safety valve that guarantees a totally safe continuous work, whitout any maintenance. At the outstream pipe it is connected a metal silencer to guarantee a low noise level.



**FILTER SHAKER**

On one side of the filter chamber there is an ergonomic manual shaker that permits to clean the filter easily and quickly, removing the dust and debris from the filter surface. Thanks to this smart cleaning system the operator can carry on working without changing or washing the filter.



**OVERSIZE M CLASS FILTER**

The filtration is guaranteed by a M oversized polyester filter (3,8 m<sup>2</sup>). The star shape permits to have a big filter surface in a compact space and guarantees the passage of the air also when the filter is dirty. The textile of the filter is in M Class (BIA | En 60335-2-69). It means that all particles till 1 micron are stopped by the filter so as to protect the turbine and the operator around the vacuum cleaner.



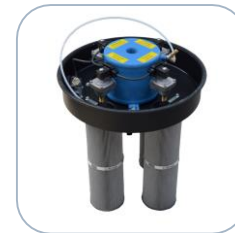
**COLLECTION BIN**

The collected material is stocked inside a sturdy steel container. Behind the vacuum cleaner there is a metal handle that permits to drop down the bin. The bin can be easily moved away thanks to 4 pivoting industrial wheels. Each wheel is located on a reinforced support to guarantee the best stability during the movement, also when the container is full.

**OPTIONAL AVAILABLE**

<b>JC</b>	JetCleaning® Filter Cleaning System
<b>ANT M</b>	Antistatic M Class (EN 60335-2-69)
<b>HEPA 14</b>	Absolute filter (EN 1822-5)
<b>MTF</b>	Teflon Filter (M class EN 60335-2-69)
<b>PTFE</b>	PTFE Filter (M class EN 60335-2-69)
<b>PTFE ANT</b>	Antistatic PTFE Filter (M class EN 60335-2-69)
<b>NOMEX</b>	250° Celsius resistant filter
<b>BX</b>	Stainless steel container AISI 304
<b>GX</b>	Stainless steel container + chamber AISI 304
<b>TX</b>	Stainless steel container + chamber + structure AISI 304
<b>LGP</b>	Longopac bagging system
<b>KDP</b>	Differential pressure KIT for bag
<b>FKL</b>	Forklift intake
<b>GFR</b>	Hooks for crane
<b>GRD</b>	Grounding

**FILTER CLEANING SYSTEM AVAILABLE ON REQUEST**



The SP Option is the best automatic filter cleaning system which uses compressed air at 6bars to clean the cartridges. Thanks to its big surface and very high efficiency, it is possible to work also with huge quantities of fine dust. The filters are aluminated and antistatic, with BIA-M class filtration (EN 60335-2-69). The filter cleaning works when the vacuum cleaner is running.



The PSC system is an automatic filter shaker. Inside the filter chamber there is a pneumatic piston which shakes the filter each time the operator pushes the activation button. As an option it is possible to install a PLC to have a complete automatic cycle.