

FOX 3 | 5,5 P | 5,5 S



TECHNICAL DATA

| FOX | Units | 3 | 5,5 P | 5,5 S |
|---------------------------------------|-------|-----------|-----------------------------|-----------|
| Suction type | | | Side channel blower | |
| Power | kW-HP | 2,2 – 3 | 4 – 5,5 | 4,3 – 5,8 |
| Voltage Frequency | V Hz | 400 50/60 | 400 50/60 | 400 50/60 |
| IP Insulation class | | 55 F | 55 F | 55 F |
| Maximum vacuum | mBar | 230 | 250 | 430 |
| Vacuum in continuous run | mBar | 190 | 160 | 360 |
| Maximum air flow | | 320 | 520 | 320 |
| Relief valve | m³/h | Included | Included | Included |
| Conic cyclone | | Included | Included | Included |
| Inlet | Ø mm | 80 | 80 | 80 |
| Noise level – (EN ISO 3744) | dB(A) | 74 | 76 | 76 |
| Bin capacity | Lt | 100 | 100 | 100 |
| Dimensions | Mm | 660x1200 | 660x1200 | 660x1200 |
| Height | Mm | 1510 | 1510 | 1510 |
| Weight | Kg | 140 | 155 | 155 |
| Primary filter | | | Star filter | |
| Type | | | | |
| Surface area (Class EN 60335-2-69) | cm² | | 24.000 M Class | |
| Media | | | Polyester | |
| Filter cleaning | | | Manual shaker | |
| SP filter cleaning – Optional | | | | |
| Surface area (Class EN 60335-2-69) | cm² | | 90.000 IFA/BGIA M-PES AL | |
| Media | | | Antistatic polyester | |
| Filter cleaning | | | Reverse jet | |
| Absolute filter – Optional | | | | |
| Surface area (Class – EN 1822) | cm² | | 28.000 H14 Fiberglass | |
| Media | | | | |



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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.



SUCTION INLET

The suction inlet is specially designed to direct the collected material straight into the collection bin. The intake is tangential and welded to the chamber there is a sturdy metal cyclon. The friction with it reduces the speed of the material that falls down easily into the collection bin. This system increase the life of filter and it minimize the risk of filter clogging.

AVAILABLE OPTIONAL

| | |
|-----------------|--|
| BFL | M Class filter 38.000 cm ² |
| ANT M | Antistatic filter (M class EN 60335-2-69) |
| HEPA 14 | Absolute filter (EN 1822-5) |
| MTF | Teflon filter (M class EN 60335-2-69) |
| PTFE | PTFE filter (M class EN 60335-2-69) |
| PTFE ANT | Antistatic PTFE filter (M class EN 60335-2-69) |
| NOMEX | 250° Celsius resistant filter |
| BX | Stainless steel bin AISI 304 |
| GX | Stainless steel bin AISI 304 and chamber |
| LP | Longopac bagging system |
| KDP | Differential pressure KIT for bag |
| FKL | Forklift bracket |
| GFR | Lifting eyebolts |
| GRD | Grounding |
| FLT | Floating device for liquids |



M CLASS FILTER

The filtration is guaranteed by a M polyester class filter. The star shape permits 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 motors and the operator around the vacuum cleaner.



COLLECTION BIN

The collected material is stocked inside a sturdy steel container. In front of 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.

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 a semiautomatic 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.