

## FI SERIES



skooter.it

Technical specifications	For indoors <b>FI 4000</b>	For indoors <b>FI 6000</b>	For outdoors * <b>FI 10000</b>
Length	2525 mm	3225 mm	3225 mm
Width	1150 mm	1150 mm	1150 mm
Height	2650 mm	2650 mm	2650 mm
Height of Brik version	3050 mm	3050 mm	3050 mm
Intake cross-section	Ø 250 mm	Ø 300 mm	Ø 350 mm
Current draw	11,5 A	12,7 A	15 A
Installed power	5,5 kW	7,5 kW	11 kW
Noise	75 dB	75 dB	75 dB
Air flow-rate	4000 m <sup>3</sup> /h	6000 m <sup>3</sup> /h	10000 m <sup>3</sup> /h
Negative pressure	2800 Pa	2800 Pa	2800 Pa
Bin capacity	n2 x 300 l	n3 x 300 l	n3 x 300 l
Filtering material	Polyester felt 500 g/m <sup>2</sup>	Polyester felt 500 g/m <sup>2</sup>	Polyester 270 g/m <sup>2</sup>
Number of filters	40	60	36
Filtering surface area	20 m <sup>2</sup>	30 m <sup>2</sup>	144 m <sup>2</sup>

## FI SERIES \_ 4000. 6000. 10000



*Indoor filtering units  
elegant, compact, silent*



## FI SERIES

\_ 4000. 6000. 10000



**Reliable, silent and easy to use.** Compact design to suit any environment, even inside production facilities, highly effective operation in just a **small space**, the FI series is ideal for extracting various types of dust and shavings. Built in **painted metal panelling**, these units are suited with needled felt filtering sleeves (500 g/m<sup>2</sup>) and feature an **automatic programmable compressed air cleaning system**, with continuous discharge of the shavings and dust into **handy wheeled metal bins, with sight glass** to check the filling level.



Designed to operate in negative pressure, with high suction efficiency and maximum safety against fire and explosion, these units also feature a **built-in fire extinguishing system**, with water connection by a tap (1/2"). The high-efficiency centrifugal fan with backward curved-blades, fitted in a sound-proofed compartment inside the unit, makes it possible to achieve **higher negative pressure values than other filters on the market**, while only producing low noise.

### FI 10000 version

For outdoor use in EU countries (\*also for indoor use only in non-EU countries), this version only handles dust, and not shavings or wood chips. It operates at negative pressure, and is fitted with polyester cartridges (density 270 g/m<sup>2</sup>). The programmable compressed air cleaning system and settling chamber guarantee maximum filtering capacity, while the material decants in three collection bins complete with sight glass.

### Atex version

With components to ensure compliance with safety legislation: electric motor, fan, sleeve filters, explosion-proof panels, electrical panel.

### Brik version

Designed for use with briquetting presses, 40 cm higher, with special coupling system for hoppers, removable whenever necessary.

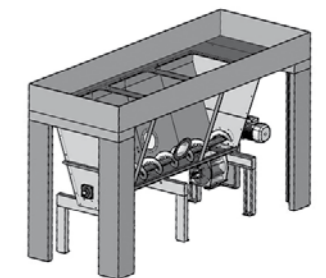
### Options

- High efficiency filtering plenum for recirculating the air into the work environment
- Exhaust piping for discharging the air outside
- ATEX-compliant non-return valve on the intake
- Fire extinguisher
- High-power briquetting presses
- Connection for pneumatic conveyor with radial valve

Briquetting press systems



Hopper system and discharge screw for transfer



**COIMA**