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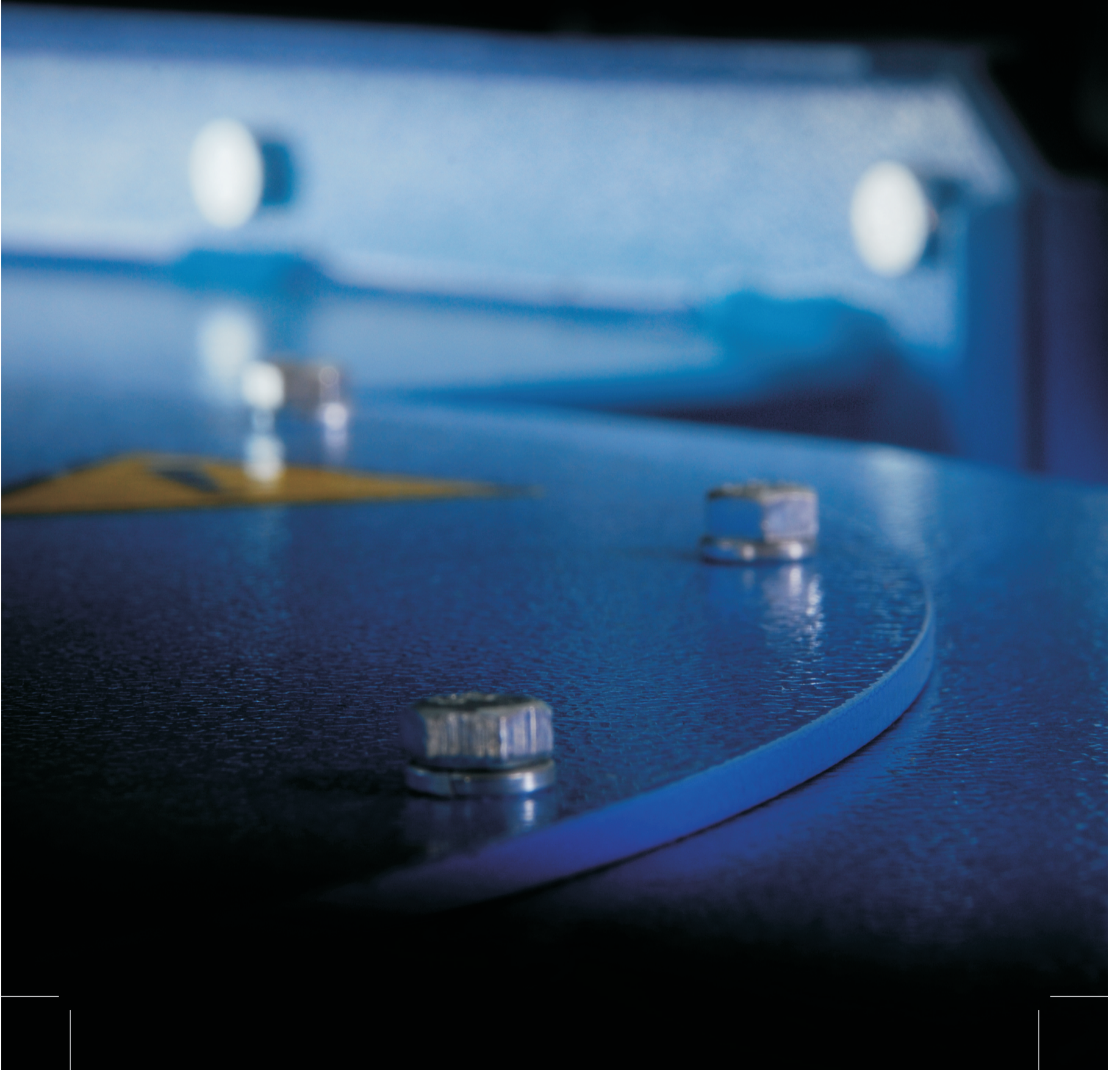
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FT 100

A solid base

Inlet diameter	100 mm
Suction capacity (max.)	950 m ³ /h
Air flow speed (max.)	31 m/s
Filtering area	1,4 m ²
Waste bag volume	140 l
Power input	0,37 kW

FT 100 PLAST

Professional attitude toward your hobby

Inlet diameter	90 mm
Suction capacity (max.)	600 m ³ /h
Air flow speed (max.)	26 m/s
Filtering area	1,1 m ²
Waste bag volume	100 l
Power input	0,37 kW



FT 200

For a good start to your business

Inlet diameter	125 mm
Suction capacity (max.)	1560 m ³ /h
Air flow speed (max.)	35 m/s
Filtering area	1,4 m ²
Waste bag volume	140 l
Power input	1,1 kW



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FT 202

For higher performance

Inlet diameter	150 mm
Suction capacity (max.)	1760 m ³ /h
Air flow speed (max.)	28 m/s
Filtering area	2,8 m ²
Waste bag volume	280 l
Power input	1,1 kW

[FT 200 P, FT 202 P - with filter V 15 (filtering area FT 200 = 9 m², FT 202 = 18 m²)]





FT 302

*For those who don't know
the meaning of the word "stop"*

Inlet diameter	180 mm
Suction capacity (max.)	3600 m ³ /h
Air flow speed (max.)	41 m/s
Filtering area	4,9 m ²
Waste bag volume	440 l
Power input	1,1 kW

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FT 400

A reliable assistant for demanding applications

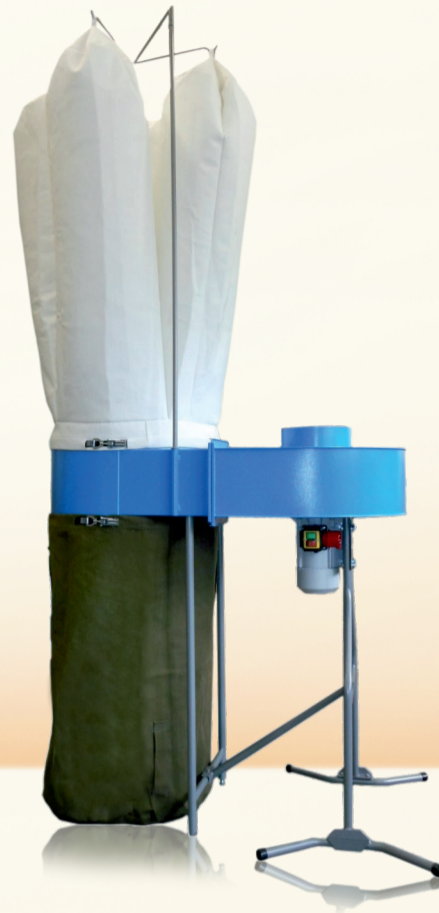
Inlet diameter	250 mm
Suction capacity (max.)	4600 m ³ /h
Air flow speed (max.)	26 m/s
Filtering area	6 m ²
Waste bag volume	660 l
Power input	2,2 kW



FT 401

Compact and powerful

Inlet diameter	250 mm
Suction capacity (max.)	4490 m ³ /h
Air flow speed (max.)	46 m/s
Filtering area	6 m ²
Waste bag volume	330 l
Power input	2,2 kW



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FT 403

1000 litres for your waste

Inlet diameter	250 mm
Suction capacity (max.)	5990 m ³ /h
Air flow speed (max.)	34 m/s
Filtering area	9 m ²
Waste bag volume	990 l
Power input	2,2 kW





FT 502

For the true carpenter

	FT 502	FT 504
Inlet diameter [mm]	300	300
Suction capacity (max.) [m ³ /h]	7900	8700
Air flow speed (max.) [m/s]	32	35
Filtering area [m ²]	12	18
Waste bag volume [l]	660	1320
Power input [kW]	3	3

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FT 504

A professional member of your workshop

Dust and sawdust extractors | FT 502, FT 504



FT 100 > FT 504 - optional accessories

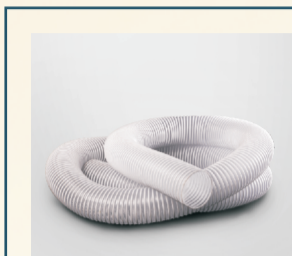


FT 100 > FT 504 - spare parts and accessories



WIRE TPU-Z hose

This polyurethane antistatic hose brings excellent parameters in flexibility and long operating life. The hose is fitted with a spiral, wire reinforcement to transfer the static charge.



PVC LIGNUM CLEAR hose

A standard hose made of transparent PVC. The hose is hardened with a plastic spiral reinforcement.

Reinforced polyethylene waste bag

Extractor waste bag of standard design, made from reinforced polyethylene foil.



Textile waste bag

Waste bag made from impregnated textile material, designed for heavy applications. The bag is fitted with holders to ease handling.



Rotors

High-quality welded and balanced rotors for FT 302 – FT 504 extractors. Aluminium alloy rotors for FT 100 – FT 202 extractors.



Metal clamping strip

Universal clamping strip for fastening all types of filters and waste bags. The adjustable screw mechanism sets the correct clamp length.

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Filter

A **cylindrical filter** from nonwoven polyester material for extractors of standard design, antistatic treatment on request.

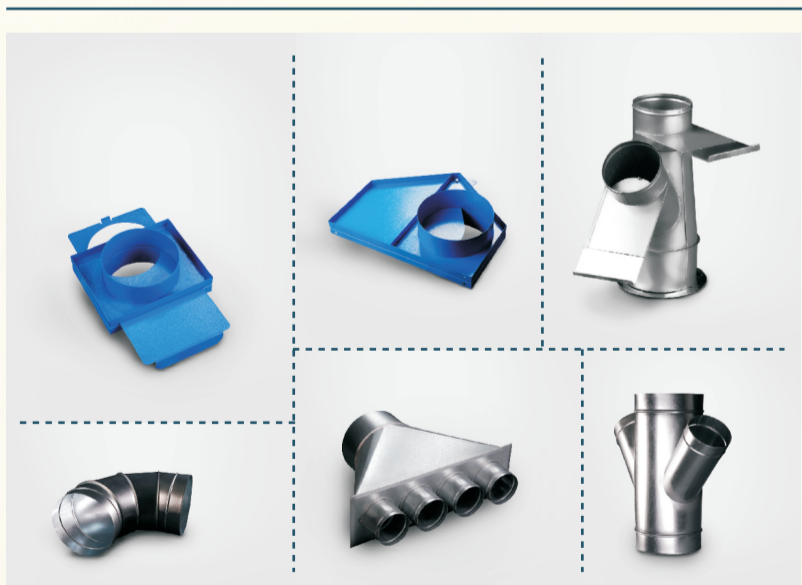
Hose filter with filtration area enhanced through 4 hoses sharing one filter.

V 15 is a **paper filter** for the retention of wood, silica, or cement dust.



Sheet metal components

A large assortment of components made from galvanized sheet metal for connecting the machinery to extractors, such as T- or Y-shape fittings, reductions, extraction terminals or piping parts for the solution of extraction systems, bends, dividers, piping, reductions, etc.



Dust and sawdust extractors | accessories



FT 100 > FT 504 - technical data

	inlet diameter [mm]	suction capacity (max.) [m ³ /h]	air flow speed (max.) [m/s]	under-pressure [Pa]	filtering area [m ²]	waste bag volume [m ³]	waste bag volume [l]	voltage [V]	power input [kW]	noise level [dB]	weight [kg]	height [mm]	width [mm]	length [mm]
FT 100 Plast	90	600	26	1000	1,1	0,1	100	230	0,37	72	12	500	400	600
FT 100	100	950	31	1100	1,4	0,14	100	230 (400)	0,37 (0,55)	75	28	2200	500	840
FT 200	125	1560	35	1570	1,4	0,14	140	400 (230)	1,1	79	41	2200	540	850
FT 200 P	125	1560	35	1570	9	0,14	140	400 (230)	1,1	79	46	1600	540	850
FT 202	150	1760	28	1470	2,8	0,28	280	400 (230)	1,1	79	55	2200	540	1350
FT 202 P	150	1760	28	1470	18	0,28	280	400 (230)	1,1	79	65	1600	540	1350
FT 302	180	3600	41	1740	4,9	0,44	440	400	1,1	80	70	2600	740	1700
FT 302 H	180	3600	41	1740	9,6	0,44	440	400	1,1	80	72	2500	740	1700
FT 400	250	4600	26	2400	6	0,66	660	400	2,2	84	89	2700	1220	1320
FT 401	250	4490	46	1630	6	0,33	330	400	2,2	84	84	2700	750	1400
FT 403	250	5990	34	2250	9	1	1000	400	2,2	84	111	2700	750	2750
FT 502	300	7900	32	1800	12	0,66	660	400	3	84	115	2900	750	2000
FT 504	300	8700	35	1800	18	1,33	1330	400	3	87	164	2900	750	3450

Mopik

industry vacuum cleaner

- all-metal, robust design
- suitable for heavy-duty applications in joiner or industrial environments
- large filtration area
- high performance

Inlet diameter	100 mm
Suction capacity (max.)	1360 m ³ /h
Air flow speed (max.)	35 m/s
Filtering area	9 m ²
Waste bag volume	60 l
Power input	1,1 kW



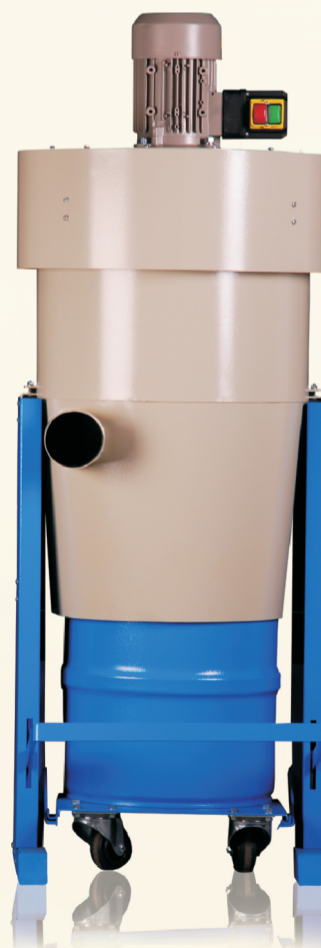
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BR 100

metal separator

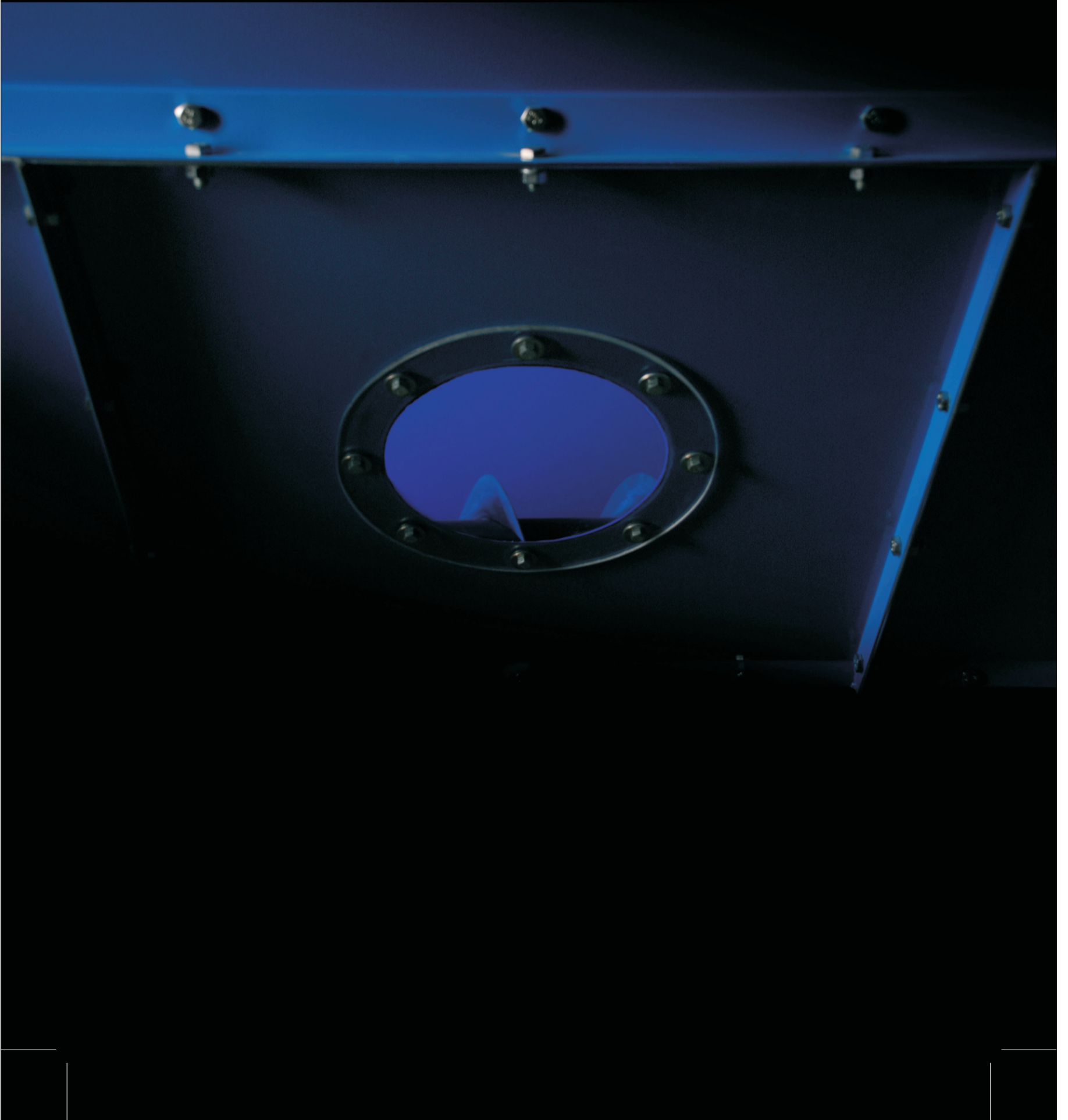
- designed especially for the extraction of waste material resulting from machining
- easy operation
- easy handling with the waste receptacle
- optional connection for an extractor terminal for workshop cleaning
- waste receptacle with a capacity of 30 L

Inlet diameter	100 mm
Suction capacity (max.)	1010 m ³ /h
Air flow speed (max.)	32 m/s
Filtering area	6 m ²
Waste bag volume	30 l
Power input	1,1 kW



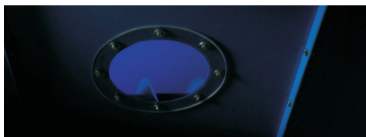
Dust and sawdust extractors | Mopik, BR 100







Dust and sawdust extractors



Filtration unit



Briquetting presses

Application of filtration units

- Extraction at major machinery, such as CNC machining centers, formatting centers, wide-belt sanders
- Central extraction systems

FJ 18

Filtration unit

The FJ 18 is a pressure filtration unit and is equipped with hose filters. The trapped waste is separated into waste bags, metal containers, or it is continually driven away via a screw conveyor. Each module of the FJ 18 filtration unit includes a vibration motor for the effective regeneration of the filtration hoses. The connection system of the individual modules allows various setups of the filtration unit to deliver the desired output.

The basic equipment of an FJ 18 - 1 filtration unit module includes

- 18 antistatic filtration hoses (220 mm in diameter, 1730 mm in length)
- Vibration motor for the regeneration of filter hoses
- Dry fire extinguishing system (only in units with an outer jacket)
- Relief vents in the case of explosion (only in units with an outer jacket)
- Bags or sheet metal containers for the accumulation of waste
- Control flap for uniform filling of the waste bags or containers
- Intake chamber for a more balanced load of filter hoses

Advantages

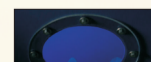
- optional extension of the customer's existing filtration unit (up to 2 modules maximum) in case of the need for higher extraction volumes after the installation of new machinery
- filter hose regeneration via vibration motor
- indoor or outdoor application, depending on the required transport capacity
- easy installation according to the user's manual
- optional recuperation of the hot, extracted air back to the workshop (only in units with an outer jacket)
- minimum maintenance requirements



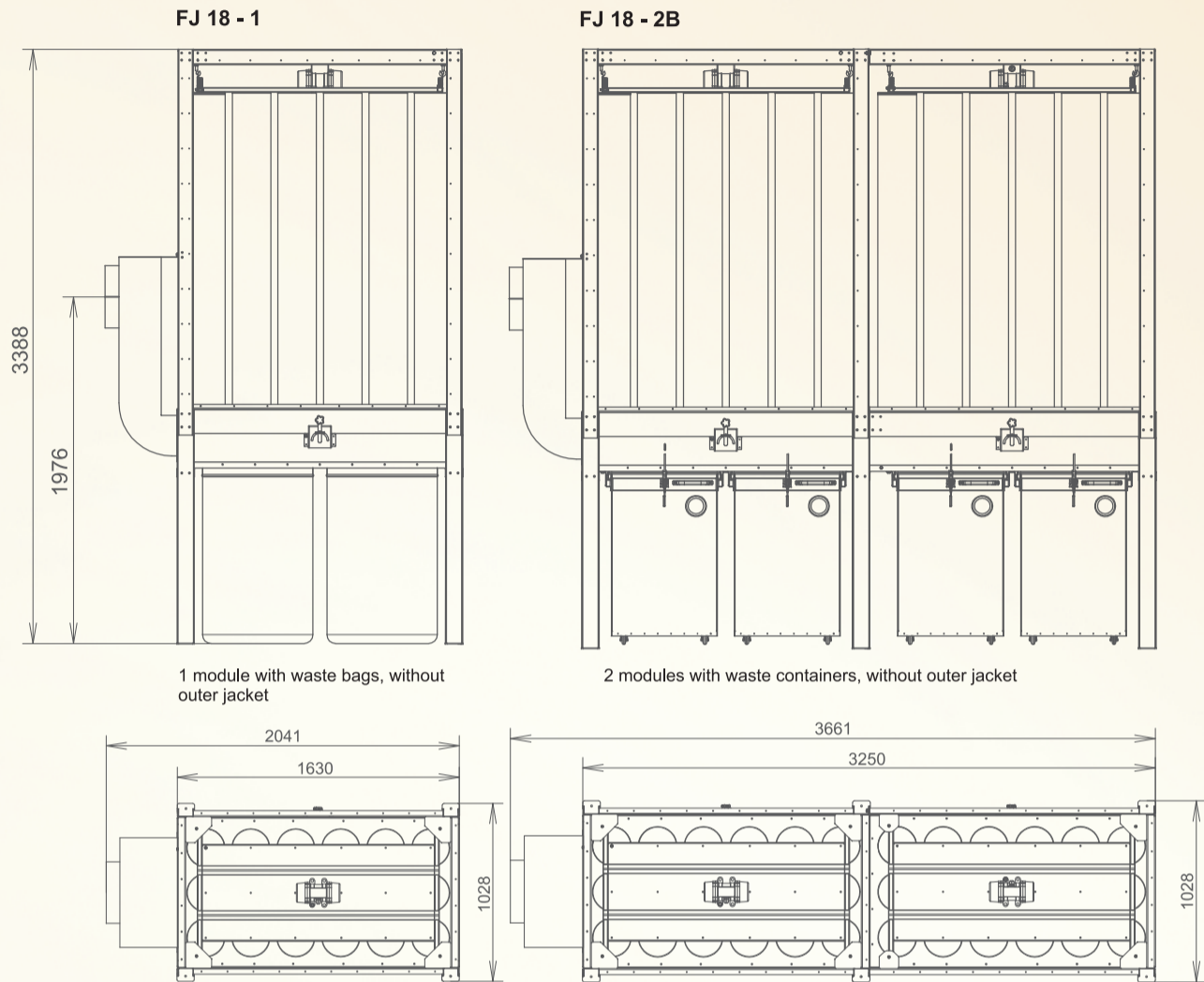
FJ 18 - 1B0



FJ 18 - 1B



FJ 18 - Layouts

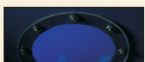


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FJ 18 - technical data

	Number of modules	Configuration					Suction capacity [m³/h]	Number of filters [Pcs.]	Filtering area [m²]	Waste bag volume (containers) [l]	Number of waste bags (containers) [Pcs.]	Height [mm]	Width [mm]	Length [mm]
		Outer jacket	Waste containers	Waste bags	Screw conveyor	Recuperation								
FJ 18 - 1	1	☐	☐	■	☐	☐	6000	18	23	660	2	3388	1028	2041
FJ 18 - 1B	1	☐	■	☐	☐	☐	6000	18	23	640	2	3388	1028	2041
FJ 18 - 1BO	1	■	■	☐	☐	■	6000	18	23	640	2	3388	1028	2041
FJ 18 - 2	2	☐	☐	■	☐	☐	10 000	36	46	1320	4	3388	1028	3661
FJ 18 - 2B	2	☐	■	☐	☐	☐	10 000	36	46	1280	4	3388	1028	3661
FJ 18 - 2BO	2	■	■	☐	☐	■	10 000	36	46	1280	4	3388	1028	3661

Filtration unit | FJ 18



FAN 100 - FAN 1000

ventilators

Transport ventilators of several output ranges, specially designed for the extraction of air mass containing wood waste.

Advantages

- low purchase price
- high output ratings with economical motors
- high-quality welded, balanced rotor
- ventilator stands available

FAN 100 Plast



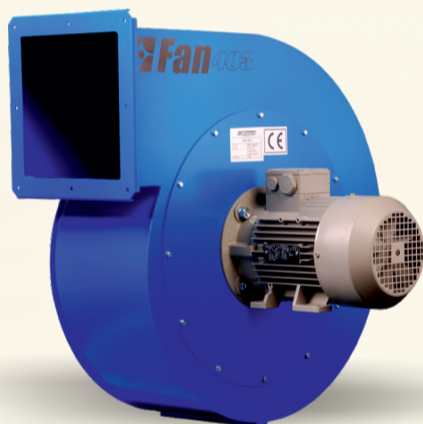
FAN 100



FAN 200



FAN 403



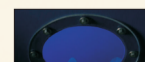
FAN 600



FAN 800



FAN 1000



FAN 100 > FAN 1000 - technical data

	inlet diameter [mm]	outlet diameter [mm]	power input [kW]	voltage [V]	weight [kg]
FAN 100 Plast	90	100	0,37	230	9,5
FAN 100	100	130 x 130	0,37 (0,55)	230 (400)	16
FAN 200	150	135 x 135	1,1	400	25
FAN 400	250	165 x 165	2,2	400	46
FAN 403	250	220 x 220	2,2	400	48
FAN 600	280	288 x 200	5,5	400	106
FAN 800	315	290 x 290	6,5	400	88*
FAN 1000	315	330 x 200	7,5	400	145

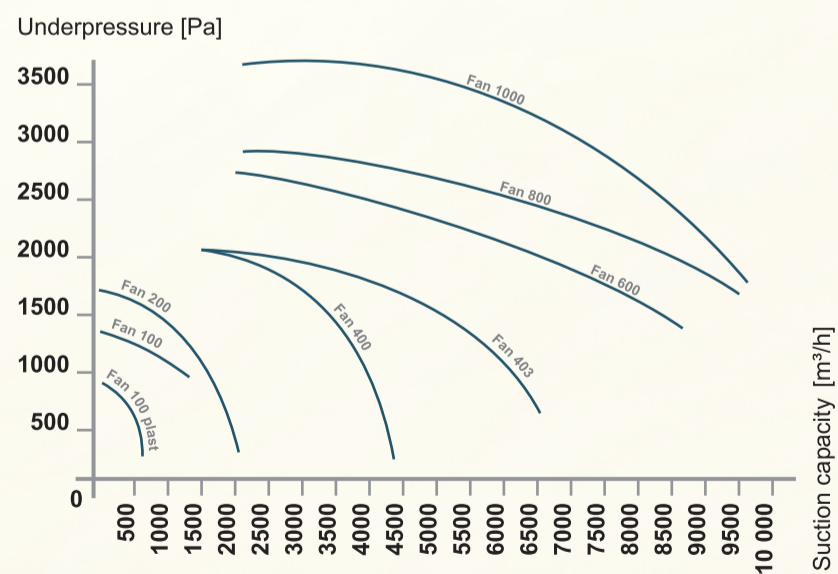
* FAN 800 without stand

[FAN 100 CH, FAN 200 CH - for suction of hot air mass of up to 300°C]



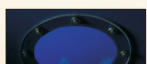
Stand for FAN 800

Overview of ventilator characteristics



These values are only informative, for exact values, please ask ACword

Filtration unit | ventilators



Stand for FAN 403





Dust and sawdust extractors



Filtration unit



Briquetting presses

AECO

Briquetting presses

The AECO range of briquette presses is designed primarily for application in small or medium-sized joiner workshops. The briquette press serves the purpose of processing wood waste with a moisture content of 8-15% in order to produce briquettes (fuel) from sawdust, wood shavings and wood dust, using a hydraulic piston mechanism. The briquetting process reduces the volume of waste material by up to 90%. The benefits are savings in the storage area, the creation of a dust-free environment and easy transportation, all of which is achieved without bonding material.

Fuel efficiency of 1 kilogram of briquettes: 15 - 18 MJ/kg

AECO briquette presses are modern, fully automated machine systems. The computer of the control unit, in cooperation with the press mechanism, provides a constant quality of the briquettes and automated operation. All presses are fitted with a level sensor to monitor the level of the waste material in the feeding hopper of the briquette press.

The feeding hopper is designed for setup with filtration superstructures and a ventilator. This comprehensive, unmanned system of wood dust extraction from the machinery directly to the briquette press provides maximum convenience in the processing of your waste.

Material types suitable for briquetting

- Sawdust, wood shavings
- Wood and paper dust
- Milled paper
- Milled biomass
- Chaff, straw
- Waste from impregnated material – DTD, MDF



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AECO - advantages and hallmarks

High briquette quality

- provides a high quality of combustion (low briquette residue) and maximum possible fuel efficiency.

Resistance to failure combined with a long operating life

- application of high-quality materials for the manufacturing of the press mechanism, its robust design, as well as modern technology and high-precision machining.

Ease of operation

- the entire process of briquetting is controlled by a computer.

Inspection and maintenance

- oil level reader and a counter of the machine hours are standard features of AECO presses.

Low operation cost

- low-consumption motors reduce the electricity costs to a minimum.

Hopper

- designed for use together with a filtration superstructure and a ventilator for the direct transport of waste to the briquetting press.

Hopper inspection door

- for inspection and easy access to the hopper body.

Left- or right-side mount

- upon the customer's request, we offer positioning of the press mechanism to accommodate the unit for a left- or right-side mount.

Outdoor operation

- when supplied with special oil, AECO briquetting presses are capable of operation outdoors at temperatures as low as -25 °C.

Low level sensor

- this feature turns the press off automatically once the level of the material in the hopper is too low.
After material is resupplied, the press resumes operation automatically.

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straw



wood



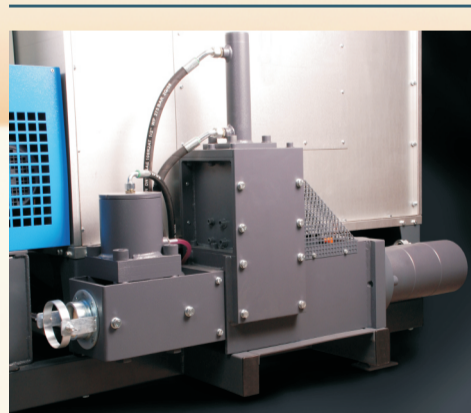
hemp shives



hay



paper



Optional accessories

- Cooling system for continuous operation of the press
- Maximum material level sensor in the hopper
- Jacket of the briquetting press for outdoor applications
- Hydraulic oil for outdoor applications and temperatures below -25 °C

Briquetting presses | AECO

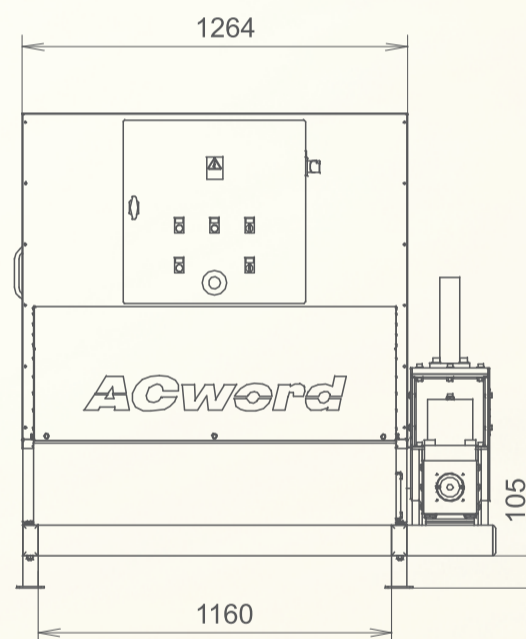
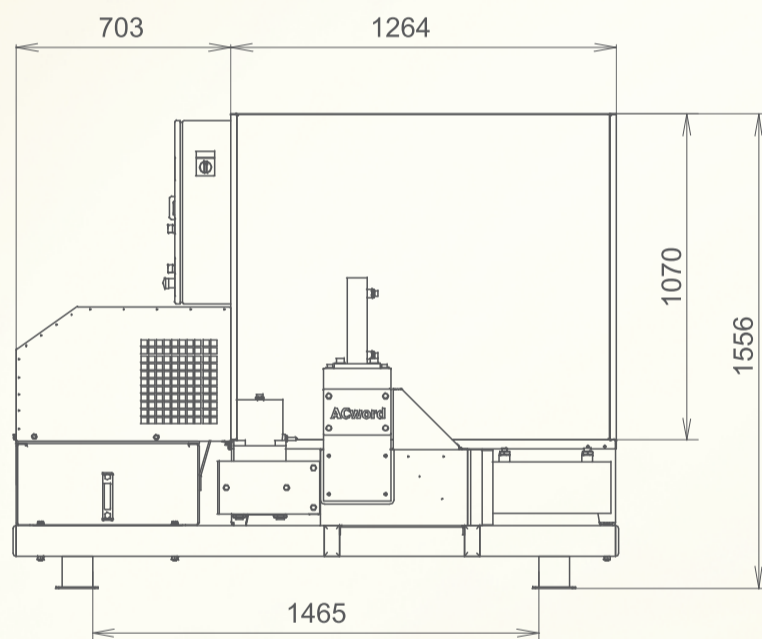


AECO - technical data

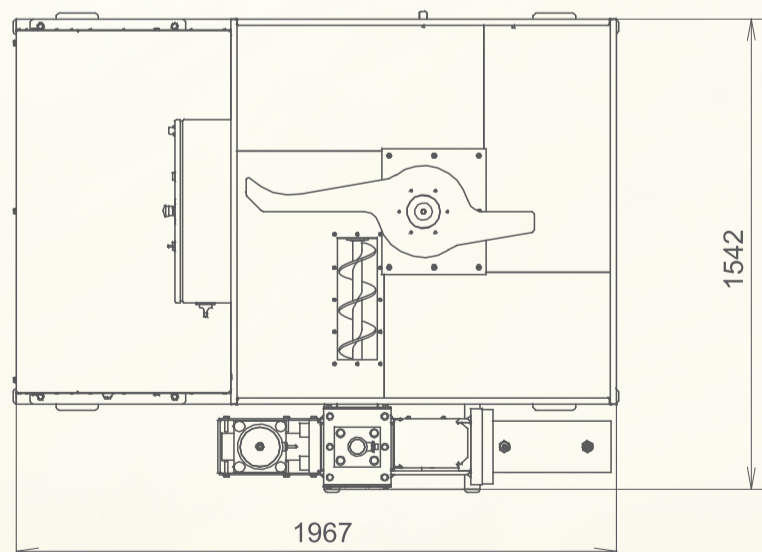
	Press capacity [kg/h]	Briquet diameter [mm]	Power input [kW]	Oil cooling system	Weight [kg]	Hopper volume [m ³]	Filtration superstructures
AECO 30	20 - 40*	65	4,4	optional accessories	880	1,7	optional accessories
AECO 50	40 - 60*	65	5,4	optional accessories	890	1,7	optional accessories
AECO 70	50 - 80*	65	6,9	optional accessories	945	1,7	optional accessories
AECO 100	90 - 120*	65	9,3	yes	1205	1,7	optional accessories

[* The press capacity depends on the material to be processed]

Layout of briquetting presses AECO 30 - AECO 100



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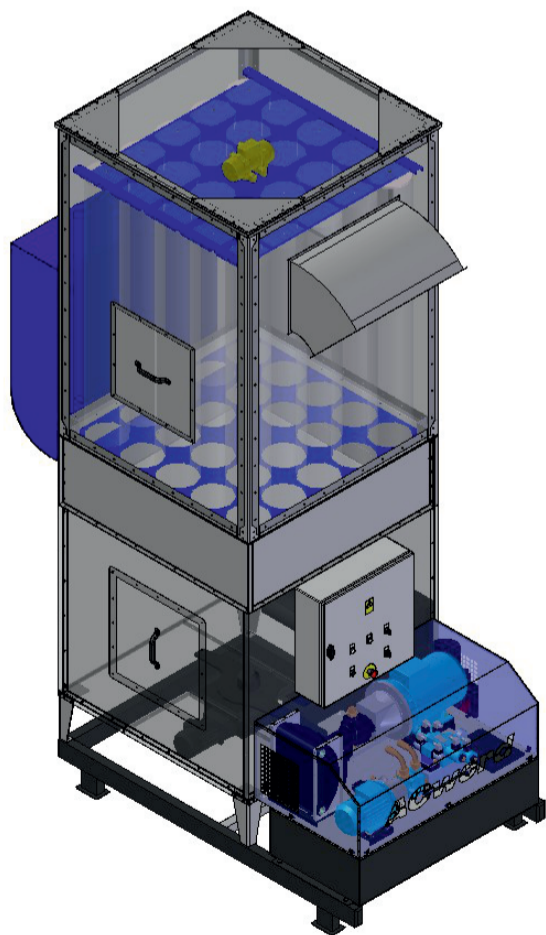
FN - filtration superstructures for briquetting presses

In combining an AECO briquetting press, a filtration superstructure, and a ventilator, you obtain an automated, space-effective solution of extraction in your workshop, including maximum control convenience. We have designed a system for the extraction of wood-making machinery waste directly into the filtration superstructure on the hopper of the briquetting press; this system processes the extracted waste into briquettes automatically.

The advantages of filtration superstructures for AECO briquetting presses

- Optimum filtration area
- Automated operation
- Application of ventilators with low consumption of electricity
- Optional regeneration of filter hoses
- Optional modification of the superstructure height to fit the needs of your workshop
- Transfer of the dust from the machinery directly into the briquetting press
- Maximum economy in area occupancy (the system uses the clearance of your workshop)
- Limitation of heat loss
- Optional use of jacketed filtration superstructures for outdoor applications with optional air recuperation

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Briquetting presses | AECO

