

Workshop extraction systems.

IBS

Self-hinged extraction arm with 3 hinges, made of lightweight aluminum used for the positioning of the extractor hood, it is made of steel with anti-glare coating, complete with protective mesh and manually adjustable control valve. Flexible couplings in fire-resistant, self-extinguishing polyester fabric with high pressure resistance. The external correction system with ceramic couplings guarantees robustness, is light in weight and durable. Can be disassembled and assembled in short times and with great ease for routine maintenance.

These arms are also available in stainless steel 304 for higher temperatures up to Max 280°C and in stainless steel 304 with grounding circuit especially for workshops with an increased explosion hazard. For gases zone 2 and for dust zone 22.



Model	Diameter	Arm Length	Capacity	Weight
	Ø mm.	mm.	M ³ /h.	kg.
IBS 125/2	125	2000	700 to 1000	12
IBS 125/3	125	3000	700 to 1000	15
IBS 125/4	125	4000	700 to 1000	20
IBS 160/2	160	2000	1200 to 1800	18
IBS 160/3	160	3000	1200 to 1800	26
IBS 160/4	160	4000	1200 to 1800	30
IBS 160/5	160	5000	1200 to 1800	35
IBS 200/2	200	2000	1800 to 2500	26
IBS 200/3	200	3000	1800 to 2500	30
IBS 200/4	200	4000	1800 to 2500	36

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IBSP Extension

Designed to reach up to 5m beyond the **IBS system**.
This extension can rotate 230° and the suction arm can rotate °360 when connected to it. The greatly simplified construction allows quick assembly and, where necessary, rapid increase or decrease in arm reach.



Model	Diameter	Length extension
	Ø mm.	mm.
IBSP 160/5	160	1000
IBSP 160/6	160	2000
IBSP 160/7	160	3000
IBSP 160/8	160	4000
IBSP 200/5	200	2000
IBSP 200/6	200	3000
IBSP 200/7	200	4000
IBSP 200/8	200	5000



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IBSCA

IBS series, hinged arm with 3 hinges connected to sliding system on exhaust shaft made of lightweight aluminum. With this application, the arm is mounted sliding on a wall or on the ceiling. The system is suitable for linear work processes or with specific applications on welding robots in which the devices follow the welding torches. Particular attention should then be paid to the size of the exhaust fan.

Price of extraction duct depending on length on request.



Model	Diameter	Length arm	Capacity	Rail console	Weight
	Ø mm.	mm.	m ³ /h.	mm.	kg.
IBSCA 125/2	125	2000	700 to 1000	H= 250	25
IBSCA 125/3	125	3000	700 to 1000	B= 182 L= 520	28
IBSCA 125/4	125	4000	700 to 1000		33
IBSCA 160/2	160	2000	1200 to 1800	H= 250	31
IBSCA 160/3	160	3000	1200 to 1800	B= 182 L= 520	39
IBSCA 160/4	160	4000	1200 to 1800		49
IBSCA 200/3	200	3000	1800 to 2500	H= 250 B= 182	43
IBSCA 200/4	200	4000	1800 to 2500	L= 750	49

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Accessories

Universal pillar for supporting suction arm.

Universal pillar complete with holes for **IBS 125 / IBS 160 / IBS 200** wall brackets, height 3 meters and a base plate of 700 x 700 mm. Fully coated in RAL 7032 anti-glare lacquer.



Halogen lamp

Low voltage (12 volt) device complete with electrical panel, with halogen lamp in extractor hood, on/off switch, 3 and 5 meter cord for connection to the electrical panel, universal for all **IBS** models.



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Filter units with extraction arm.

ICAP

Suspended filter unit with a high efficient exhaust fan in pressurized housing, directly linked to the extraction arm (our model IBS), with the operating radius of Max. 4 m. from the filter unit.

The filter section is multistage, with 4 different types of filters, installed in series for effective filtering with a long service life. The activated carbon section (10 kg total activated carbon) guarantees constant filtration over the entire surface, resulting in a very high efficiency.











The **ICAPTH** air filter is specially designed for laboratory or controlled air quality applications, equipped with a **HEPA** filter panel with filtration class **H14**, certified in accordance with EN 1822, instead of the carbon filter and high efficiency corrugated filter material.

Model	Capacity	Ventilator 230/400 V.	Filtration efficiency	Arm	Sound level	Weight
	m ³ /h.	kW.	%.	Model.	dB.	kg.
ICAP 2	1600	1,5	98	IBS 160/2	75	80
ICAP 3	1600	1,5	98	IBS 160/3	75	80
ICAP 4	1600	1,5	98	IBS 160/4	75	80
ICAPTH 2	1600	1,5	H14 99,99	IBS 160/2	75	80
ICAPTH 3	1600	1,5	H14 99,99	IBS 160/3	75	80
ICAPTH 4	1600	1,5	H14 99,99	IBS 160/4	75	80



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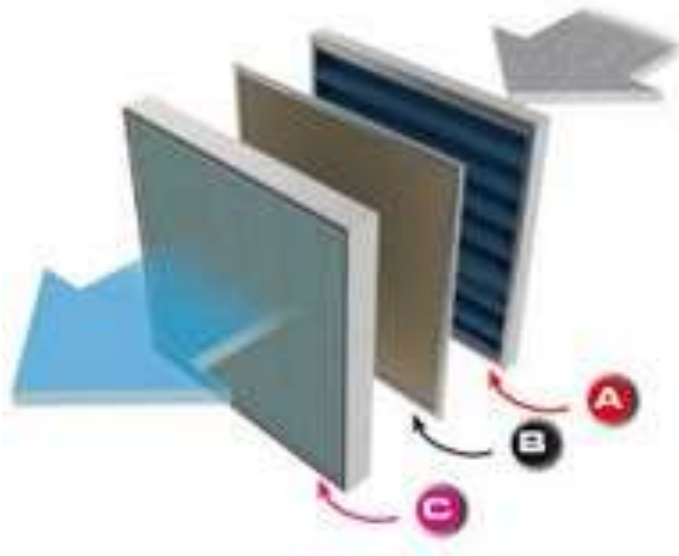
Filter section for ICAP				
Filtration phase	Type and species	Filter thickness	Efficiency	through charging ability
 	PFE/350 Reusable Pre-Filter	40 mm.	EU4-G4 70%	$10 \geq P > 3 \mu\text{m}$
 	PFO/PE Reusable Corrugated filter	48 mm.	F6 85%	$3 \geq P > 1 \mu\text{m}$
 	Activated carbon filter	40 mm.	10 kg.	
 	PF/55 High Efficiency Air Filter	12 mm.	F7 90%	$1 \geq P > 0,3 \mu\text{m}$



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Filter section for ICAPTH				
Filtration phase	Type and species	Filter thickness	Efficiency	through charging ability
 	PFO/PE Reusable Corrugated filter	48 mm.	F6 85%	$3 \geq P > 1 \mu\text{m}$
 	PF/55 High Efficiency Air Filter	12 mm.	F7 90%	$1 \geq P > 0,3 \mu\text{m}$
 	HEPA Filter	68 mm.	H14 99,99%	$P < 0,3 \mu\text{m}$



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MFPT - MFPTH

Wall model with a hood with negative pressure, directly connected to the multistage filter section for greater efficiency and higher output filtering, consisting of a metal pre-filter, mesh in spark-free aluminum, a wavy filter with needle polyester felt and a rigid bag filter with large surface area for maintaining capacity and efficiency **class F8** (in accordance with EN 779), a final stage of activated carbon pressed into small cassettes (total capacity of this cassette is 10 kg) for the adsorption and odour lessness of the gases.

Ingestion of the pollutant is via the **IBS** series extraction arm with a diameter of 160mm and 200mm with an option of a double 160mm arm. On the **MFPTH** version, a **HEPA** filter can be inserted with filtering **class H12** (in accordance with EN 1822) to replace the rigid bag filter.











Model	Capacity	Ventilator 230/400 V.	Filtration efficiency	Arm	Sound level	Weight
	M ³ /h.	kW.	%.	Model.	dB.	kg.
MFPT 1	1600	2,2	95	IBS 160/3	56	96
MFPT 2	1600	2,2	95	IBS 160/4	56	100
MFPT 3	2200	2,2	95	IBS 200/3	56	100
MFPT 4	2200	2,2	95	IBS 200/4	56	106
MFPT 5	3000	2,2	95	2IBS160/3	56	122
MFPT 6	3000	2,2	95	2IBS160/4	56	130
MFPTH 1	1600	2,2	H12 99,98	IBS 160/3	56	96
MFPTH 2	1600	2,2	H12 99,98	IBS 160/4	56	100
MFPTH 3	2200	2,2	H12 99,98	IBS 200/3	56	100
MFPTH 4	2200	2,2	H12 99,98	IBS 200/4	56	106
MFPTH 5	3000	2,2	H12 99,98	2IBS160/3	56	122
MFPTH 6	3000	2,2	H12 99,98	2IBS160/4	56	130

MFPE with electrostatic filter

Wall model with a hood with negative pressure, directly connected to the multistage filter section for greater efficiency and higher output filtering, consisting of a metal pre-filter, mesh in spark-free aluminum, a wavy filter with needle polyester felt and a rigid bag filter with large surface area for maintaining capacity and efficiency **class F8** (in accordance with EN 11254), a final stage of activated carbon pressed into small cassettes (total capacity of this cassette is 10 kg) for the adsorption and odourlessness of the gases. Ingestion of the pollutant is via the **IBS** series extraction arm with a diameter of 160mm and 200mm with an option of a double 160mm arm.



Model	Capacity	Ventilator 230/400 V.	Filtration efficiency	Arm	Sound level	Weight
	M ³ /h.	kW.	%.	Model.	dB.	kg.
MFPE 1	1600	2,2	99,60	IBS 160/3	56	116
MFPE 2	1600	2,2	99,60	IBS 160/4	56	120
MFPE 3	2200	2,2	99,60	IBS 200/3	56	120
MFPE 4	2200	2,2	99,60	IBS 200/4	56	126
MFPE 5	3000	2,2	99,60	2IBS160/3	56	142
MFPE 6	3000	2,2	99,60	2IBS160/4	56	150

Filter section for an electrostatic filter module				
Filtration phase	Type and species	Filter thickness	Efficiency	through charging ability
 	Metal Mesh Filter	22 mm.	G2 25%	$10 \geq P \mu\text{m}$
 	Corrugated filter	98 mm.	EU4-G4 70%	$10 \geq P > 3 \mu\text{m}$
 	Electrostatic filter	218 mm.	H12* 99,97%	$1 \geq P > 0,3 \mu\text{m}$
 	Activated carbon filter	10 kg.		









*Reference to class H is a guideline.



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Filter section for a rigid bag filter module

Filtration phase	Type and species	Filter thickness	Efficiency	through charging ability
 	Metal Mesh Filter	22 mm.	G2 25%	$10 \geq P \mu\text{m}$
 	Corrugated filter	98 mm.	EU4-G4 70%	$10 \geq P > 3 \mu\text{m}$
 	Rigid Bag Filter	292 mm.	F8 95%	$1 \geq P > 0,3 \mu\text{m}$
 	Activated carbon filter	10 kg.		



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