



## M 110 1/2D - ATEX EXPLOSION PROOF



PLASTICS



ADDITIVE MANUFACTURING



- ✓ Compact and mobile
- ✓ Easy filter replacement
- ✓ Earth grounding
- ✓ Easy to clean and to maintain

- ✓ Accessory kit included
- ✓ Maintenance-free suction unit, 20,000 running hours guaranteed
- ✓ ATEX Certified Z20 internal (filtering chamber) / Z21 external



### SUCTION UNIT

Atex zones		CE EX 1/2D
Marking		II 1/2D Ex h tb IIIC T95°C Da/Db
Voltage	V - Hz	115/230 - 50/60 1~
Power	kW	1,1
Max water lift	mmH <sub>2</sub> O	2.250
Max air flow	m <sup>3</sup> /h	215
Suction inlet	mm	50
Noise level (EN ISO 3744)	dB(A)	74



### FILTER UNIT

Filter Type		Star
Surface - Diameter	cm <sup>2</sup> -mm	4.000 - 360
Material - Efficiency	IEC 60335-2-69	Polyester - ANT M
Additional standard filter		HEPA



### COLLECTION UNIT

Capacity	l	40
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### VOLUME

Dimensions	cm	44x42x81h
Weight	kg	26

# M 110 1/2D - ATEX EXPLOSION PROOF



## SUCTION UNIT

The motor head is equipped with a Brushless motor: the lack of carbons allows the use of the machine even in explosive hazardous areas. The motor is protected by a series of filters and it is turned on by an independent switch placed on a soundproofed and robust metal motor head.

The motor head includes a vacuum gauge and tension power lights as standard.



## FILTER UNIT

The large surface star antistatic filter, located inside the filter chamber, is made of polyester and provides high resistance against clogging and passage of fine dust.

A vacuum gauge enables to check constantly the state of the filter and detect possible clogging, warning the operator that the filter must be cleaned.

A HEPA filter is included as standard (99,995% on 0,18 micron, class H) which holds the finest dusts and guarantees the cleanliness of the leaving air.



## COLLECTION UNIT

The vacuumed material is placed inside an AISI304 stainless steel drop-down bin mounted on wheels, which makes it possible to dispose easily and safely of the vacuumed material.



## OPTIONALS

- ✓ M Class Antistatic disposable bag

# M 110 1/3D - ATEX EXPLOSION PROOF



PACKAGING



PLASTICS



- ✓ Compact and mobile
- ✓ Easy filter replacement Earth grounding
- ✓ Easy to clean and to maintain

- ✓ Accessory kit included
- ✓ ATEX Certified Z20 internal (filtering chamber) / Z22 external
- ✓ Stainless steel AISI304 collection tank

## SUCTION UNIT

Atex zones		CE EX 1/3D
Marking		II 1/3D Ex h tb IIIC T95°C Da/Dc
Voltage	V - Hz	230 - 50/60 1~
Power	kW	1,15
Max water lift	mmH <sub>2</sub> O	2500
Max air flow	m <sup>3</sup> /h	180
Suction inlet	mm	50
Noise level (EN ISO 3744)	dB(A)	74

## FILTER UNIT

Filter Type		Star
Surface - Diameter	cm <sup>2</sup> -mm	4.000 - 360
Material - Efficiency	IEC 60335-2-69	Polyester - ANT M
Additional standard filter		HEPA

## COLLECTION UNIT

Capacity	l	40
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## VOLUME

Dimensions	cm	44x42x84h
Weight	kg	26

# M 110 1/3D - ATEX EXPLOSION PROOF



## SUCTION UNIT

The suction is made by a carbon brush by-pass motor which is activated by an independent switch placed inside a robust metal motor head. The motor head is soundproofed by sound-absorbent material.



## FILTER UNIT

A vacuum gauge enables to check constantly the state of the filter and detect possible clogging, warning the operator that the filter must be cleaned.

The large surface star antistatic filter, located inside the filter chamber, is made of polyester and provides high resistance against clogging and passage of fine dust.

A HEPA filter is included as standard (99,995% on 0,18 micron, class H) which holds the finest dusts and guarantees the cleanliness of the leaving air.



## COLLECTION UNIT

The vacuumed material is placed inside an AISI304 stainless steel drop-down bin mounted on wheels, which makes it possible to dispose easily and safely of the vacuumed material.



## OPTIONALS

✓ M Class Antistatic disposable bag