

Technical data sheet

EXTRACTION ARMS



ASPIREX SERIES

The Aspirex-model extraction arms are the ideal solution for the extraction of fumes, gas, vapours and dust generated by multiple mechanical machining processes.

They are used by means of attachment to the wall or with a support column in centralised systems or in combination with an electric fan for extraction and direct removal to the outside environment.

By adding an extension, the range of the arm can reach up to 9 metres.

The mechanical support system of the extraction arm consists of compensating external rods and springs that limit load losses, allowing for easy movement of the arm and, not being affected by the aspired dust, they do not require frequent cleaning and maintenance.

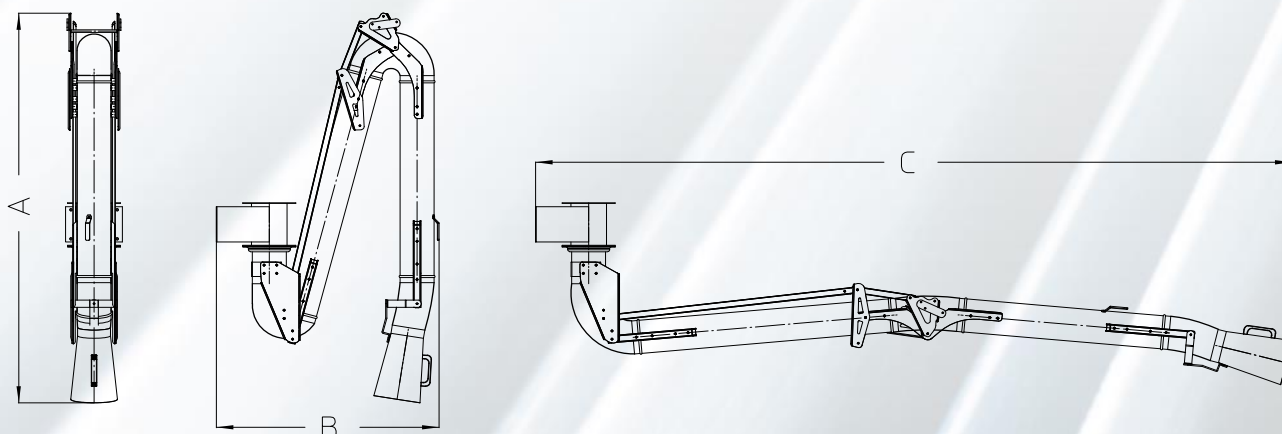
The air flow is adjusted using a damper that is positioned near the nozzle.

*Available in an ATEX version for use in potentially explosive environments.

TECHNICAL DATA

Item code	MODEL	DIAMETER [mm]	DIMENSIONS A x B x C [mm]	FLOW RATE (at 25 m/sec) [m³/h]	WEIGHT [Kg]
T34230021	ASPIREX 1 Ø120	Ø120	1850x800x3600	1000	20
T34230001	ASPIREX 1 Ø160	Ø160	1850x850x3600	1800	23
T34230026	ASPIREX 1 Ø200	Ø200	1850x900x3600	2800	26
T34230028	ASPIREX 4.2 Ø120	Ø120	2350x800x4350	1000	23
T34230013	ASPIREX 4.2 Ø160	Ø160	2350x850x4350	1800	26
T34230019	ASPIREX 4.2 Ø200	Ø200	2350x900x4350	2800	29
T34230054	ASPIREX 4.2 Ø250	Ø250	2350x950x4350	4500	35

Further customizations are possible. For information, please contact our sales office.



ASPIREX-SERIES ARM ACCESSORIES

SWIVEL EXTENSION

It allows the Aspirex-Series extraction arm to have an increased range.

It comes complete with a wall mounting bracket and a bracket for an electric fan.

Code	Description
L22110024	SWIVEL EXTENSION Ø160 1MT
L22110025	SWIVEL EXTENSION Ø160 2MT
L22110026	SWIVEL EXTENSION Ø160 3MT
L22110027	SWIVEL EXTENSION Ø160 4MT (including rod)
L22110035	SWIVEL EXTENSION Ø200 1MT
L22110036	SWIVEL EXTENSION Ø200 2MT
L22110037	SWIVEL EXTENSION Ø200 3MT
L22110038	SWIVEL EXTENSION Ø200 4MT (including rod)

For different lengths, please contact our sales office.

ELECTRIC FAN

Medium-pressure centrifugal fan that can be coupled to Aspirex Series aspiration arms for extraction and direct expulsion into the external environment.

Consisting of a welded impeller with forward curved blades, it is suitable for the extraction of very dusty air.

Item code	POWER [kW]	POWER SUPPLY* [V] - [Hz]	PREVALENCE [mmH ₂ O]	AIR-FLOW RATE (free blowing) [m ³ /h]
E14690030	1.1	400 - 50	140	1500
E14690040/B	1.5	400 - 50	160	2800

**230V power supplies are possible. For information, please contact our sales office.*

Here are some illustrative images of **ASPIREX-SERIES** extraction arms



DEPUREX SERIES

The Aspirex-model extraction arms are the ideal solution for the localized extraction of fumes and dust generated by multiple mechanical machining processes, gas and vapours by means of coupling direction to the mobile purifier.

The Depurex 1 and 2 model arms are balanced by the use of gas springs, whereas the Depurex 3 model arms are made using a balancing system with traction springs.

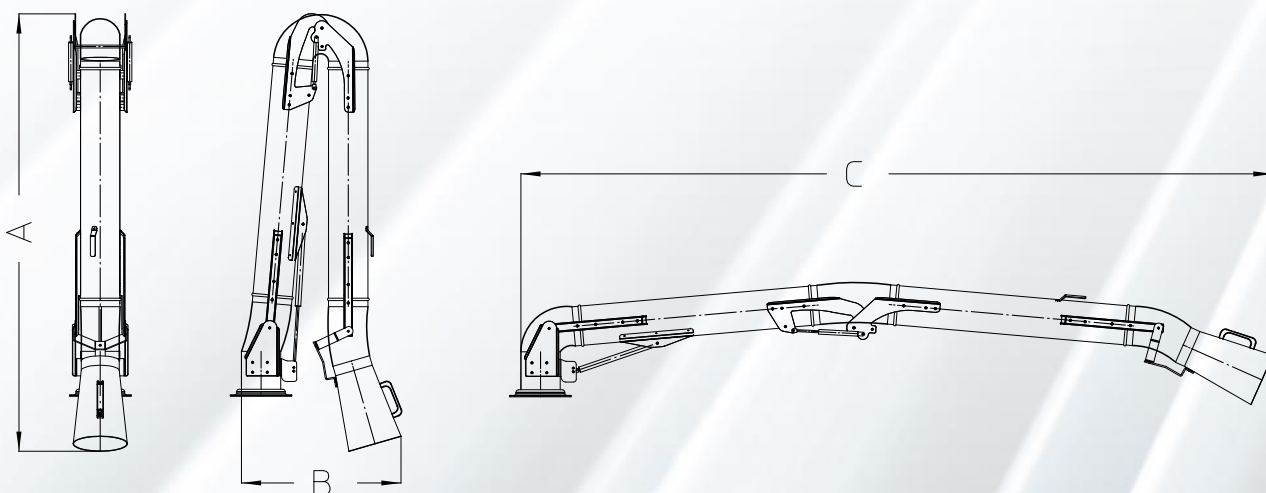
Both systems, being positioned external to the arm, limit the load loss, allowing for easy movement and, since they do not come into contact with the aspirated dust, frequent cleaning and maintenance is not necessary.

The air flow is adjusted using a damper that is positioned near the nozzle.

TECHNICAL DATA

Item code	MODEL	DIAMETER [mm]	DIMENSIONS A x B x C [mm]	FLOW RATE (at 25 m/sec) [m³/h]	WEIGHT [kg]
T34230050	DEPUREX 1 Ø160	Ø160	1300x650x2010	1800	15
T34230007	DEPUREX 2 Ø160	Ø160	1850x500x3050	1800	23
T34230002	DEPUREX 3 Ø160	Ø160	1950x500x3300	1800	26
T34230041	DEPUREX 3 Ø200	Ø200	1950x550x3300	2800	29

Further customizations are possible. For information, please contact our sales office.



Here are some illustrative images of **DEPUREX-SERIES** extraction arms

