

Overview of extraction arms

Booms

These can be one- or two-part depending on length and fastened in place by a wall bracket. They have C-rails with trolleys and can handle loads, for example tools or wire feeders, of up to 50 kg.

Extraction arms

The arm can be moved to any desired position within its range easily and quickly and remains there.

Flexible hose version

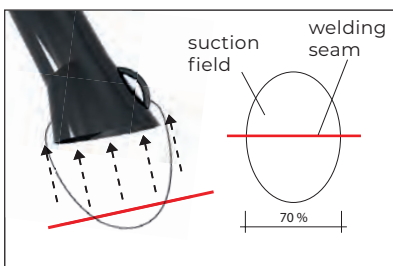
The flexible hose arm consists of internal rods and external hosing.

Rigid metal tube version

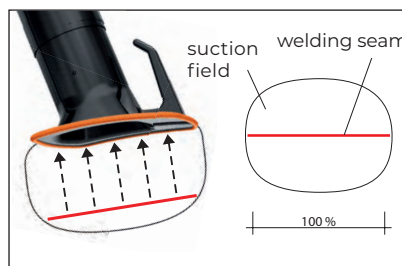
This version consists of two aluminium tubes and three pieces of hosing at the internal joints.

Extraction hood

The rectangular shape and 360-degree flexibility of the hood ensure it is always ideally positioned relative to welding. It is very easy to operate and can be positioned with one hand. The flange-shaped cover on the sides prevents the extraction of unwanted air. The hood has a 40% higher efficiency level than standard oval models and needs less positioning.



Conventional, oval exhaust hood



Exhaust hood with flange-shaped overlap



Exhaust arm

 **Easy operation**

 **Up to 4m operating range**



Technical Data

Additional information

Diameter extraction arm 150 mm

Order Data

Art. No.	Description
79 002	2 m Arm, flexible exhaust arm
79 003	3 m Arm, flexible exhaust arm
79 004	4 m Arm, flexible exhaust arm
79 502	2 m Arm, rigid metal tube arm
79 503	3 m Arm, rigid metal tube arm
79 504	4 m Arm, rigid metal tube arm

Replacement Parts and Accessories

Art. No.	Description
127 0091	Protection mesh for exhaust hood
79 103 00	Exhaust hood
79 103 034	Lighting kit with hood, LED lights, transformer box (for retrofitting)
79 103 048	Lighting kit incl. exhaust hood, 2 x 5 W LED lights, trafo-box (original fitted)
998 800 280	Column for extraction arm 2 to 4 m
998 801 323	Column for extraction arm 5 to 7 m
141 1303	Column for extraction arm 8 to 10 m

Applications

- For connection to fans or central extraction systems
- High levels of smoke and particles
- Non-stop operation
- Welding fumes, gases, vapours, light dusts

Benefits

- Reduced tripping hazard by attaching tools or wire feed unit to the boom with carriage
- 40% less adjustment of the exhaust arm needed due to exhaust hood design
- User-friendly due to particularly smooth movement of the hood with one hand
- Arm keeps position due to self-supporting design
- Various options to connect the exhaust arms to fans, stationary devices or via duct work to central extraction and filtration systems

Properties

- 360 degrees rotating exhaust hood with damper
- As a flexible exhaust arm: Polyester fabric hose, PVC coated with welded steel wire spiral
- As a rigid metal tube arm: Powder-coated aluminum tube, three flexible hose sections
- Boom with integrated C-rail incl. carriages
- For extension arm: 1st extension with 50 kg load capacity



Exhaust arm - one-piece boom



Order Data

Art. No.	Total length	Length of exhaust arm	Length of boom	Extraction arm type	Weight	Ø Extraction arm
79 205	5 m	3 m	2 m	flexible exhaust arm	63 kg	150 mm
79 206	6 m	4 m	2 m	flexible exhaust arm	66 kg	150 mm
79 007	7 m	4 m	3 m	flexible exhaust arm	75 kg	150 mm
79 705	5 m	3 m	2 m	rigid metal tube arm	63 kg	150 mm
79 706	6 m	4 m	2 m	rigid metal tube arm	66 kg	150 mm
79 507	7 m	4 m	3 m	rigid metal tube arm	75 kg	150 mm

Exhaust arm - two-piece boom



Order Data

Art. No.	Total length	Length of exhaust arm	Length of boom	Extraction arm type	Weight	Ø Extraction arm
79 307	7 m	3 m	2,5 + 1,5 m	flexible exhaust arm	142 kg	150 mm
79 308	8 m	4 m	2,5 + 1,5 m	flexible exhaust arm	145 kg	150 mm
79 807	7 m	3 m	2,5 + 1,5 m	rigid metal tube arm	142 kg	150 mm
79 808	8 m	4 m	2,5 + 1,5 m	rigid metal tube arm	145 kg	150 mm
79 409	9 m	3 m	4 + 2 m	flexible exhaust arm	195 kg	150 mm
79 410	10 m	4 m	4 + 2 m	flexible exhaust arm	198 kg	150 mm
79 909	9 m	3 m	4 + 2 m	rigid metal tube arm	195 kg	150 mm
79 910	10 m	4 m	4 + 2 m	rigid metal tube arm	198 kg	150 mm

Column for exhaust arm



Order Data

Art. No.	Length of exhaust arm	Height	Weight	Colour
998 800 280	2 - 4 m	2300 mm	40 kg	black, RAL 9005
998 801 323	5 - 7 m	3000 mm	71 kg	black, RAL 9005
141 1303	6 - 10 m	3550 mm	184 kg	black, RAL 9005

Exhaust Arm Upright -Suspended



Applications

- For existing devices
- On work tables
- On extraction devices
- Welding fumes, gases, vapours, light dusts

Scope Of Supply

- Exhaust arm with hood
- Swivel joint

Order Data

Art. No.	Description	Diameter	Exhaust arm type	Weight
79 052	2 m Arm, suspended installation	150 mm	flexible exhaust arm	17 kg
79 053	3 m Arm, suspended installation	150 mm	flexible exhaust arm	21 kg
79 054	4 m Arm, suspended installation	150 mm	flexible exhaust arm	24 kg
79 102	2 m Arm, upright installation	150 mm	flexible exhaust arm	17 kg
79 103	3 m Arm, upright installation	150 mm	flexible exhaust arm	21 kg
79 104	4 m Arm, upright installation	150 mm	flexible exhaust arm	24 kg

Exhaust arm for suction rail

 **Movable**

 **Large capture area**



Applications

- For connection to fans or central extraction systems
- High levels of smoke and particles
- Non-stop operation
- Welding fumes, gases, vapours, light dusts
- Large workpieces

Properties

- Polyester fabric hose, PVC coated with welded steel wire spiral
- 360 degrees rotating exhaust hood with damper
- Exhaust arms up to 4 m

Benefits

- Fast operation due to long reach and particularly flexible adjustment of the exhaust arm by 360 degrees below the carriage
- 40% less adjustment of the exhaust arm needed due to exhaust hood design
- User-friendly due to particularly smooth movement of the hood with one hand
- Arm keeps position due to self-supporting design

Technical Data

Basic data	
Diameter	150 mm
Additional information	
Exhaust arm type	flexible exhaust arm

Order Data

Art. No.	Description
79 002 100	2 m Arm
79 003 100	3 m Arm
79 004 100	4 m Arm

Replacement Parts and Accessories

Art. No.	Description
79 003 02	Swivel joint for wall bracket
127 0091	Protection mesh for exhaust hood
79 103 00	Exhaust hood
106 0290	Rubber rings set of 10
93 018	Set of connecting material Ø160 mm
93 200	Connecting pipe Ø 160 mm

Scope Of Supply

- Exhaust arm with hood
- Swivel joint