



Technical Data

Super-Max Extraction-Cranes 4-8m

Dia. 100mm/125mm/160mm/200mm.

The Super-Max Extraction-Cranes are designed to extract fume and gases over large areas. It is designed with two horizontal booms with ball bearings and friction brakes.

In the end of the second boom is a Super-Max Extraction-Arm fixed mounted. Its outside parallelogram, which is hydraulically suspended, makes the hood extremely easy to move vertically.

The horizontal arms make it very easy to move the hood in its whole working area. The steel hood is black painted and can be turned 90 degrees in all directions. It has a built in damper.

The Super-Max Extraction-Cranes can be equipped with a separate fan on the wallbracket of the first boom or be connected to the duct of a central system. When connected to a duct a Turning Flange on the duct is recommended to prolonge the life of the hose (d.160mm/P-030. d.200mm/Pa-31).

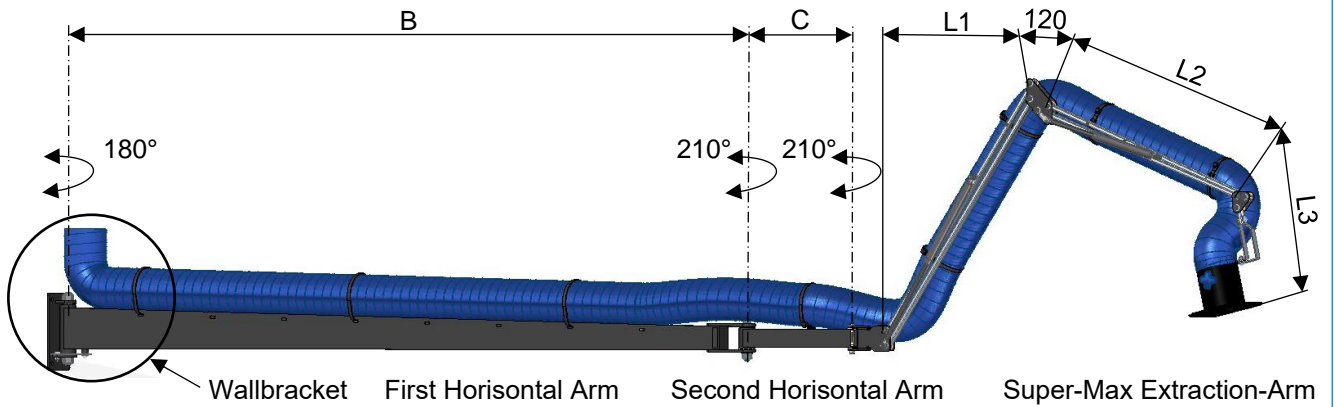
Max allowed vacuum is 1500Pa.

Max temperature of the exhausted air is 70 Degrees Celsius.

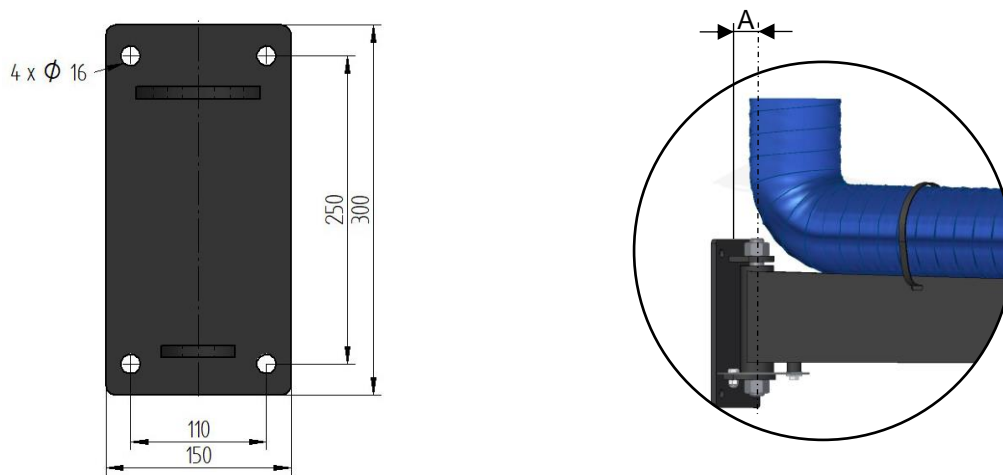
Recommended airflow for d160mm Arms is 600-1000m³/h.

Recommended airflow for d.200mm Arms is 1000-2000m³/h.

Super-Max Extractor-Crane 4m – 8m



Wallbracket



	A	B	C	L1	L2	L3	Weight	Length
4 m	50 mm	1330 mm	520 mm	665 mm	565 mm	480 mm	36 kg	3900 mm
5 m	50 mm	1330 mm	520 mm	1165 mm	960 mm	480 mm	42 kg	4750 mm
6 m	50 mm	2430 mm	520 mm	1165 mm	960 mm	480 mm	57 kg	5850 mm
7 m	50 mm	2430 mm	1570 mm	1165 mm	960 mm	480 mm	63 kg	6900 mm
8 m	50 mm	3130 mm	1570 mm	1165 mm	960 mm	480 mm	68 kg	7600 mm

Pressure Drop Super-Max Extraction-Cranes.

Dia.125mm Extraction-Cranes.

Extraction-Crane	450m ³ /h	600 m ³ /h	750 m ³ /h	900 m ³ /h
4m (2+2m) Ø 125mm	205 Pa	450 Pa	665 Pa	900 Pa
5m (2+3m) Ø 125mm	225 Pa	495 Pa	735 Pa	990 Pa
6m (3+3m) Ø 125mm	245 Pa	540 Pa	805 Pa	1.080 Pa
7m (4+3m) Ø 125mm	265 Pa	585 Pa	875 Pa	1.170 Pa
8m (5+3m) Ø 125mm	285 Pa	630 Pa	945 Pa	1.260 Pa

Dia. 160mm Extraction-Cranes.

Extraction-Crane	700m ³ /h	1.000 m ³ /h	1.200 m ³ /h	1.300 m ³ /h
4m (2+2m) Ø 160mm	380 Pa	665 Pa	950 Pa	1.140 Pa
5m (2+3m) Ø 160mm	400 Pa	700 Pa	1.000 Pa	1.200 Pa
6m (3+3m) Ø 160mm	420 Pa	735 Pa	1.050 Pa	1.260 Pa
7m (4+3m) Ø 160mm	440 Pa	770 Pa	1.100 Pa	1.320 Pa
8m (5+3m) Ø 160mm	460 Pa	805 Pa	1.150 Pa	1.380 Pa

Dia. 200mm Extraction-Cranes.

Extraction-Crane	1.200m ³ /h	1.600 m ³ /h	2.000 m ³ /h	2.400 m ³ /h
4m (2+2m) Ø 200mm	180 Pa	325 Pa	455 Pa	750 Pa
5m (2+3m) Ø 200mm	195 Pa	347 Pa	483 Pa	800 Pa
6m (3+3m) Ø 200mm	210 Pa	369 Pa	511 Pa	850 Pa
7m (4+3m) Ø 200mm	225 Pa	391 Pa	539 Pa	900 Pa
8m (5+3m) Ø 200mm	240 Pa	413 Pa	567 Pa	950 Pa



Declaration of conformity

We, J. Plymoth AB, declare under our sole responsibility that the product lines **Flexa, Chemikus, Flexi, Super-Max and Super-Vac** to which this declaration relates is in conformity with Directives 2006/42/EC and Standards EN ISO 12100:2010 and EN ISO20607;2019.

J. Plymoth AB
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A handwritten signature in blue ink, appearing to read 'Jenny Nilsson', is written over the printed name and title.

Jenny Nilsson
Verkställande Direktör

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