

3M™ DBI-SALA® 3 Piece Davit Base and 5 Piece Davit High Capacity

Technical Data Sheet

Description

3M™ DBI-SALA® Davit Arm Systems are designed for manhole and confined space entry/retrieval applications.

These units are constructed of lightweight materials including high-strength aluminium. The davit pivots for ease-of-rescue and has adjustment for overhead clearance restrictions.

The lower base adjusts to fit most standard entries. Many other portable and fixed bases are available to suit any jobsite need.

Specifications

3 Piece Davit Base and 5 Piece Davit High Capacity

Base Material	Aluminium 6061-T6, powder coat painted, Steel
Capacity	Fall arrest: 1 user (140 kg max) Rescue: 1 user (140 kg max)
Net Weight	8000104 - 37.5 kg 8000105 - 50.5 kg 8000132 - 64.9 kg 8000133 - 80.6 kg
Mast Rotation	204°
Operating Temperature	-40°C to +60°C

Structure requirements*

Whatever structure capable of withstanding a 12.0 kN vertical load.

Structure shall be horizontal enough to get the 3 piece base horizontal (bubble level indication) after foot height adjustment.

Foot height adjustment is 16 cm for the 8000104 and 14 cm for the 8000105.



8000132

8000133



8000104

8000105

Standards

Standards AS/NZS 5532:2013

Compatibility with other Davit High Capacity components*

3 Piece Base

Can have only one davit mast extension. 8000104 to be used with Short Reach Davit Arm High Capacity. 8000105 to be used with Short or Long Reach Davit Arm High Capacity.

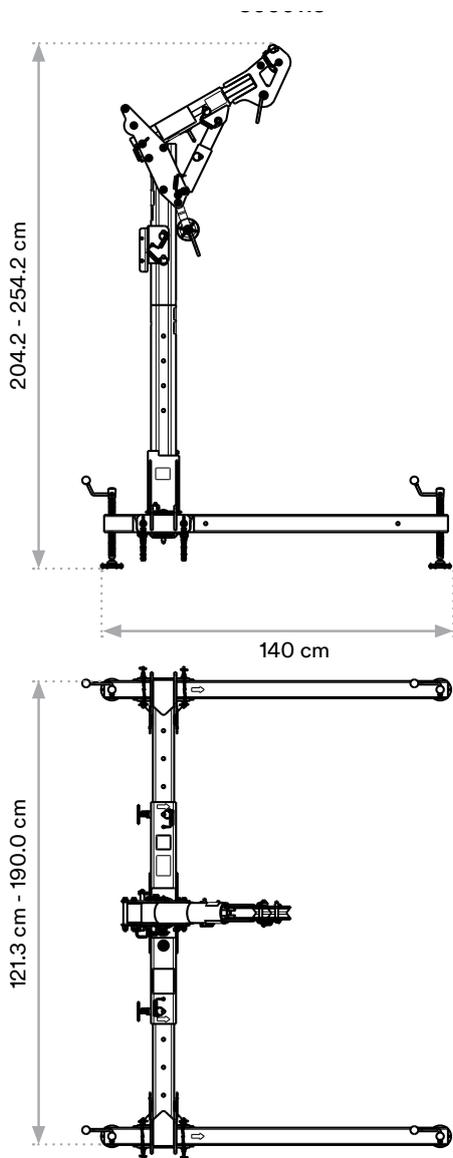
SRL and winches

Authorised SRL and winch can be mounted front or back whether on the universal lower mast or davit mast extension.

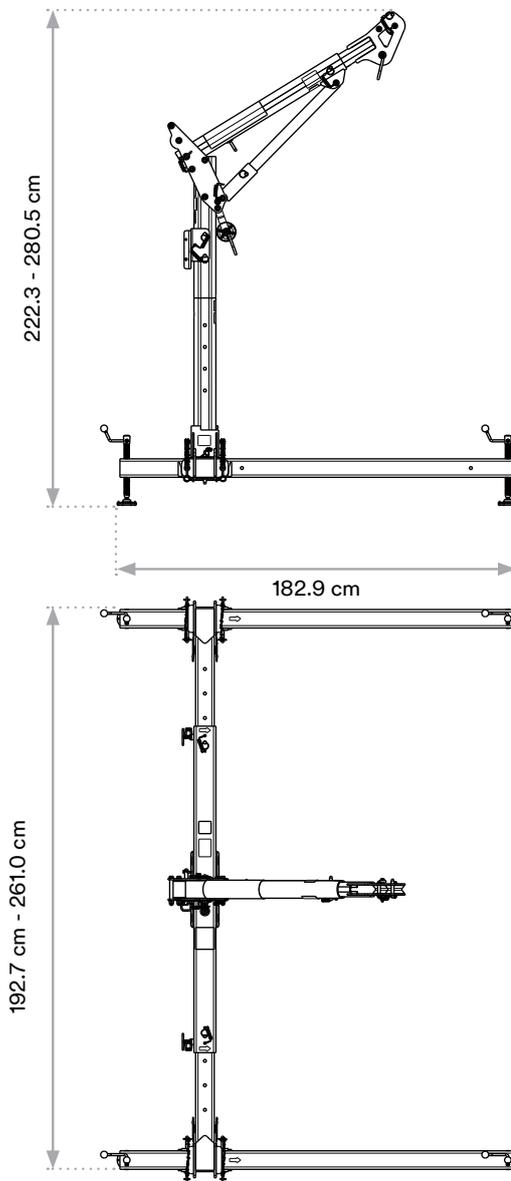
*See Instructions For Use (IFU)

5 Piece Davit Base High Capacity

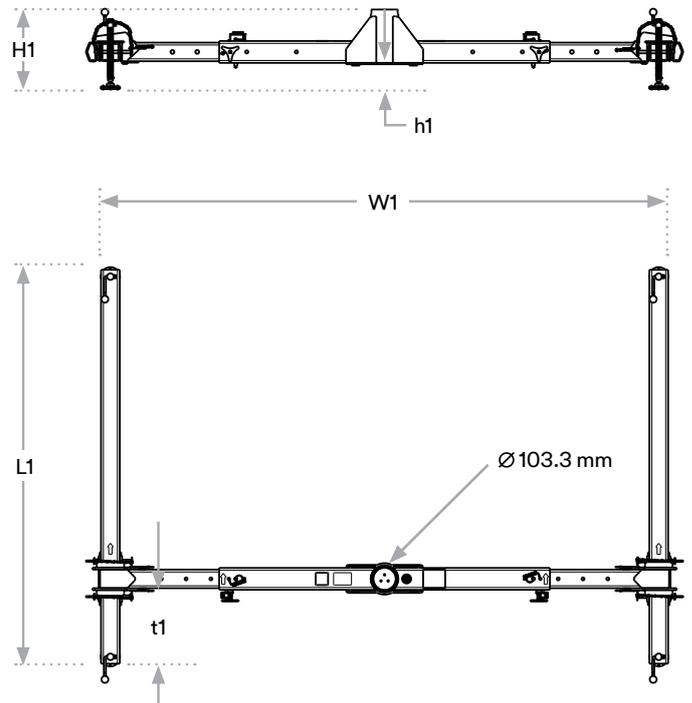
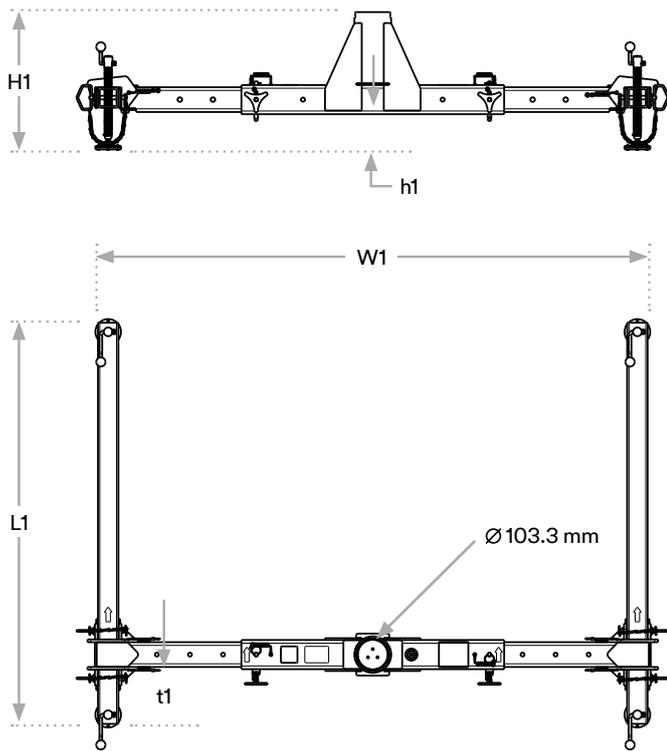
8000132



8000133



3 Piece Davit Base High Capacity



8000104

h1	3.6 cm - 17.5 cm
H1	38.8 cm - 54.8 cm
W1	121.3 cm - 190.0 cm
L1	140.0 cm
t1	19.8 cm

8000105

h1	3.6 cm - 17.5 cm
H1	29.4 cm - 43.9 cm
W1	192.7 cm - 261.0 cm
L1	182.9 cm
t1	35.1 cm

Ordering Information

3M Code	Model #	Description
70804502295	8000104	3M™ DBI-SALA® 3 Piece Short Reach Davit Base High Capacity
70804502303	8000105	3M™ DBI-SALA® 3 Piece Long Reach Davit Base High Capacity
70804508425	8000132	3M™ DBI-SALA® 5 Piece Short Reach Davit High Capacity (HC)
70804508433	8000133	3M™ DBI-SALA® 5 Piece Long Reach Davit High Capacity (HC)

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The mounting and use of the product described within this document assumes that the user has previous experience of this type of product and that it will be assembled by a competent professional according to product documentation. Before any use of this product it is recommended to complete some trials to validate the performance of the product within its expected application.

All information and specification details contained within this document are inherent to this specific 3M product and would not be applied to other products or environment. Any action or usage of this product made in violation of this document is at the risk of the user.

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Warranty conditions for products are determined with the sales contract documents and with the mandatory and applicable law, excluding any other warranty or compensation.



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