

The davits type ALD or ASD is a portable suspension system for mounting on base plates (9) permanently anchored fitted along the roof. A manual TIRFOR machine (Fig. 3) is used to erect the davit system. The mast (1) is fitted to the base plate by means of two pins. The davit boom (2) pivots to allow the cradle to be manoeuvred over the parapet. The cradle is suspended from a small traversing trolley (5), which allows the movement of the cradle along the davit boom. The whole system can be dismantled for transport or for shifting along the roof from one base plate to the next (Fig. 4 & 5).

Capacity 525 daN for all the models below and for cradles fitted with TIRAK hoists, X-300, X-400 or X-500.

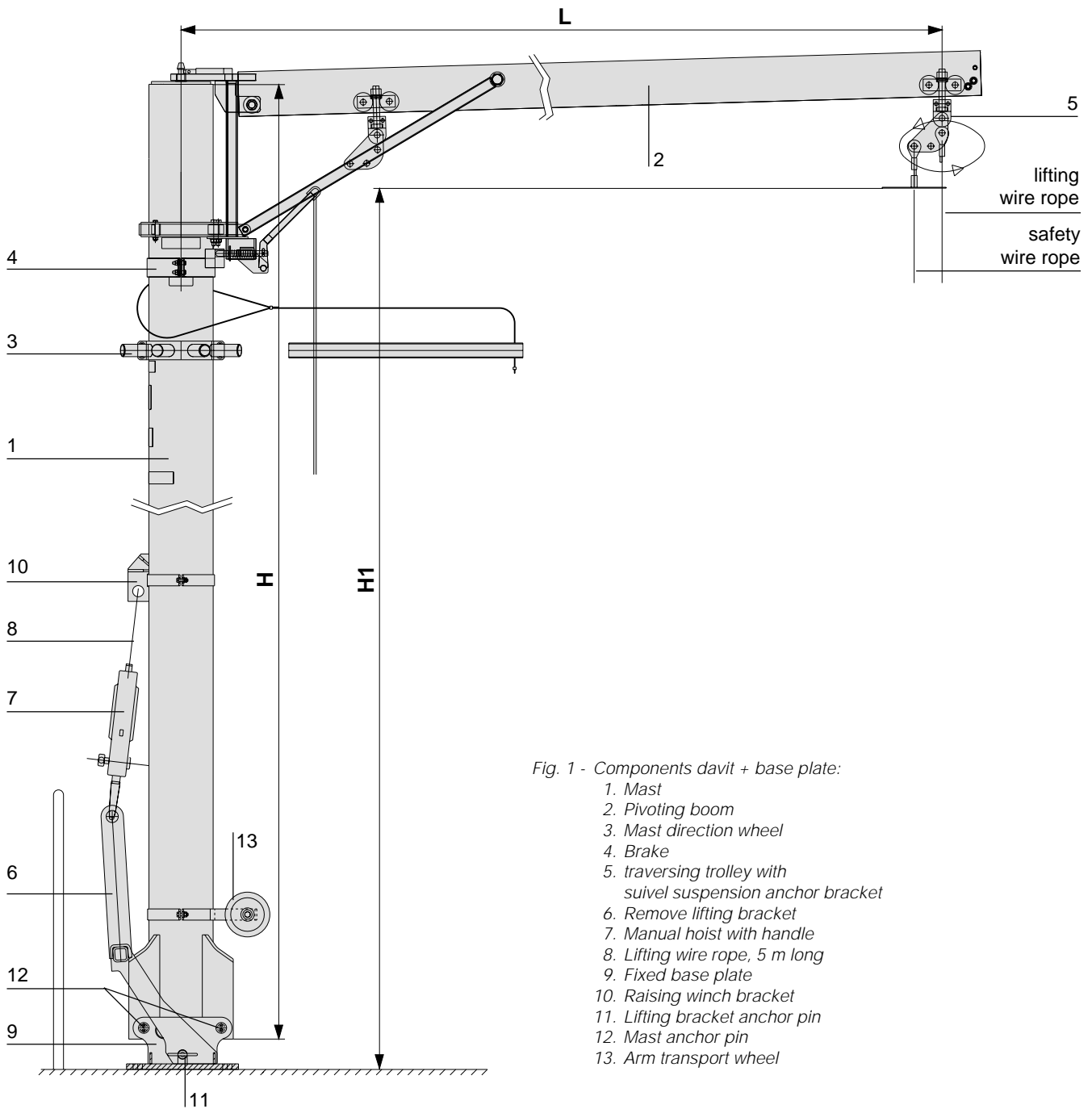
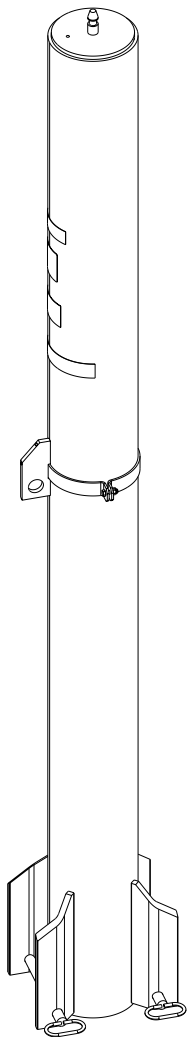


Fig. 1 - Components davit + base plate:

1. Mast
2. Pivoting boom
3. Mast direction wheel
4. Brake
5. traversing trolley with suivel suspension anchor bracket
6. Remove lifting bracket
7. Manual hoist with handle
8. Lifting wire rope, 5 m long
9. Fixed base plate
10. Raising winch bracket
11. Lifting bracket anchor pin
12. Mast anchor pin
13. Arm transport wheel

Specifications of davits:

code	type	mast height H mm	minimum headroom disponible H1	maximum length L mm
45009	ALD 15-15	1595	1345	1525
45019	ALD 15-25	2540	2290	1525
45029	ALD 15-28	2845	2595	1525
45039	ALD 15-35	3500	3250	1525
45049	ALD 16-15	1595	1345	1675
45059	ALD 16-25	2540	2290	1675
45069	ALD 16-28	2845	2595	1675
45079	ALD 16-35	3500	3250	1675
45089	ALD 18-15	1595	1345	1830
45099	ALD 18-25	2540	2290	1830
45109	ALD 18-28	2845	2595	1830
45119	ALD 18-35	3500	3250	1830
45129	ALD 19-15	1595	1345	1980
45139	ALD 19-25	2540	2290	1980
45149	ALD 19-28	2845	2595	1980
45159	ALD 19-35	3500	3250	1980
45169	ASD 21-15	1595	1345	2135
45179	ASD 21-25	2540	2290	2135
45189	ASD 21-28	2845	2595	2135
45199	ASD 21-35	3500	3250	2135
45209	ASD 23-15	1595	1345	2285
45219	ASD 23-25	2540	2290	2285
45229	ASD 23-28	2845	2595	2285
45239	ASD 23-35	3500	3250	2285
45249	ASD 24-15	1595	1345	2440
45259	ASD 24-25	2540	2290	2440
45269	ASD 24-28	2845	2595	2440
45279	ASD 24-35	3500	3250	2440
45289	ASD 26-15	1595	1345	2590
45299	ASD 26-25	2540	2290	2590
45309	ASD 26-28	2845	2595	2590
45319	ASD 26-35	3500	3250	2590



Mast

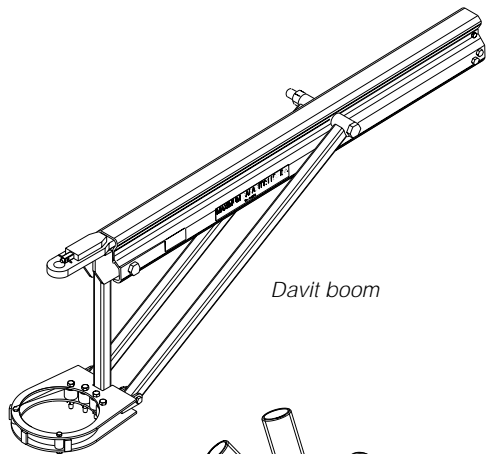
Mast for models ALD 15/16/18/19:

code	type	designation
36098	15	Mast assembly H1595
36108	25	Mast assembly H2540
36118	28	Mast assembly H2845
36128	35	Mast assembly H3500

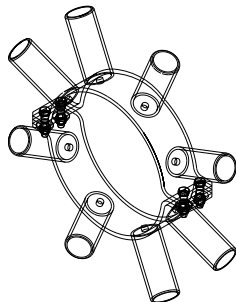
Mast for models ASD 21/22/24/25:

code	type	designation
36138	15	Mast assembly H1595
36148	25	Mast assembly H2540
36158	28	Mast assembly H2845
36168	35	Mast assembly H3500

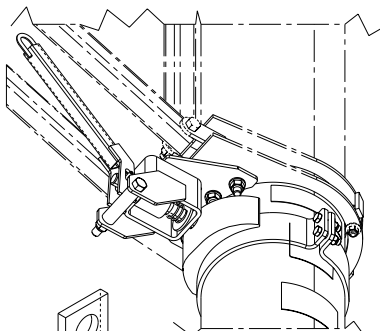
36288 Davit mast extension ASD/20
(for Davit ASD 15)



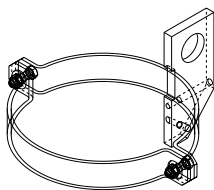
Davit boom



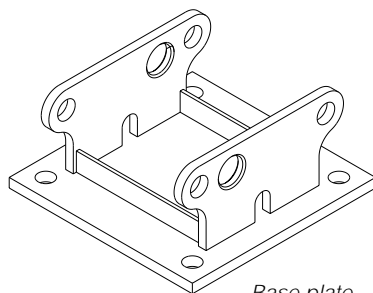
Davit turning bracket



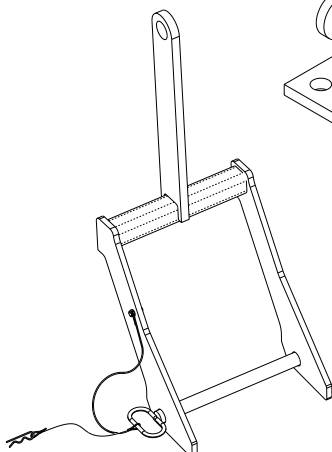
Boom locking device



Raising winch bracket



Base plate



Lifting bracket

Davit boom for models ALD:

code	type	designation
36018	15	Boom assembly H1525
36028	16	Boom assembly H1675
36038	18	Boom assembly H1830
36048	19	Boom assembly H1980

Davit boom for models ASD:

code	type	designation
36058	21	Boom assembly H2135
36068	22	Boom assembly H2285
36078	24	Boom assembly H2440
36088	25	Boom assembly H2590

code	designation
36198	Davit turning bracket
36208	Direction handle
36178	Boom locking device
21768	Suspension trolley
36218	Raising winch bracket

Fixed base plate:

code	designation
36268	Base plate ALD
36278	Base plate ASD

code	designation
45329	Installation kit for Davit including: - Right shackle 1,0 T - Wire rope 6,5 mm, L = 5 m with hook - Lifting bracket - Manual hoist with handle

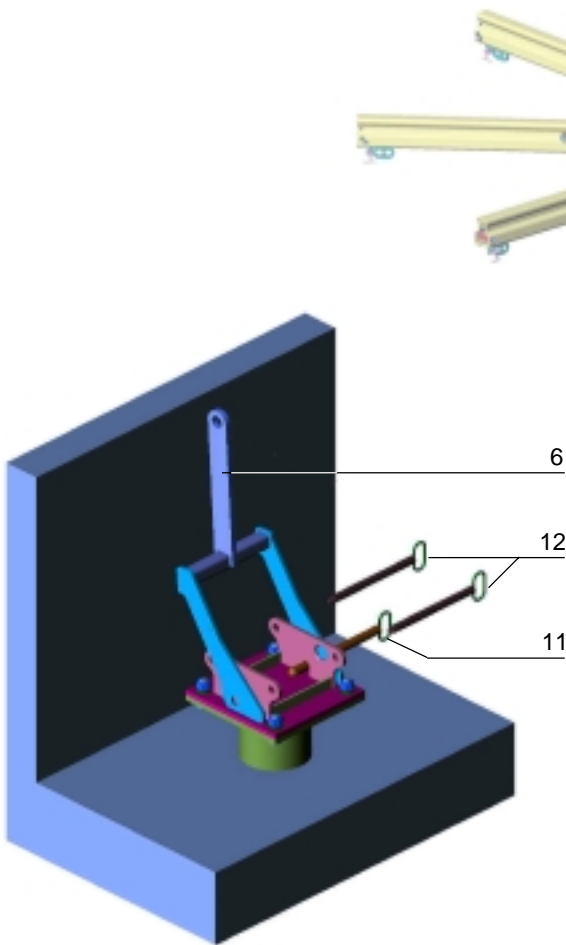


Fig. 2 - Fitting mast and the removable lifting bracket (6)
 9. Fixed base plate
 10. Raising winch bracket
 11. Lifting bracket anchor pin
 12. Mast anchor pin

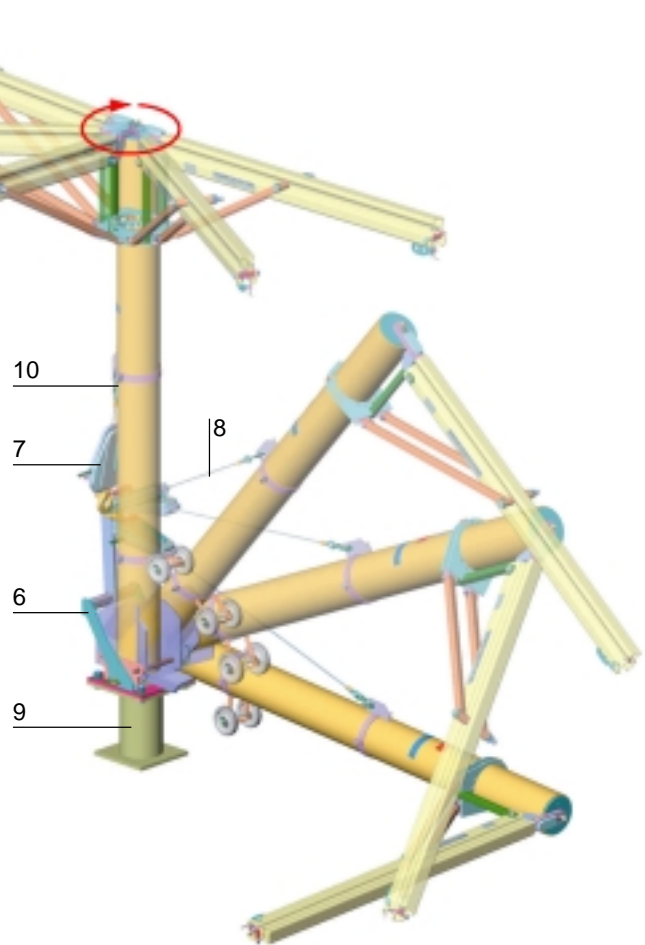


Fig. 3 - Installation equipment kit comprising:
 6. Removable lifting bracket
 7. Manual hoist with handle
 8. Lifting wire rope, 5 m long

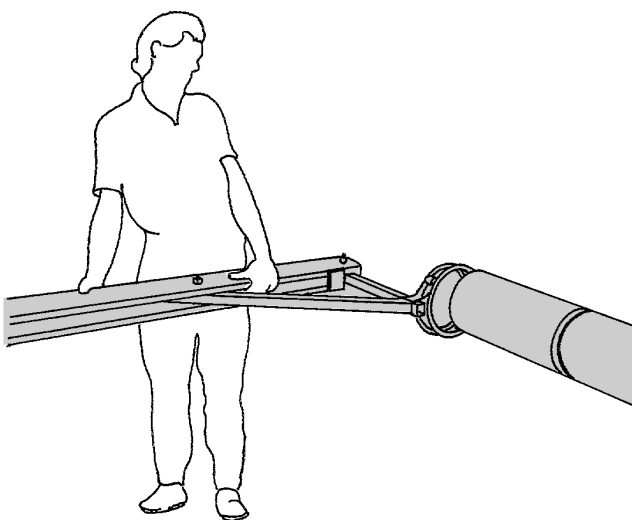


Fig. 4 - Dismantling the davit

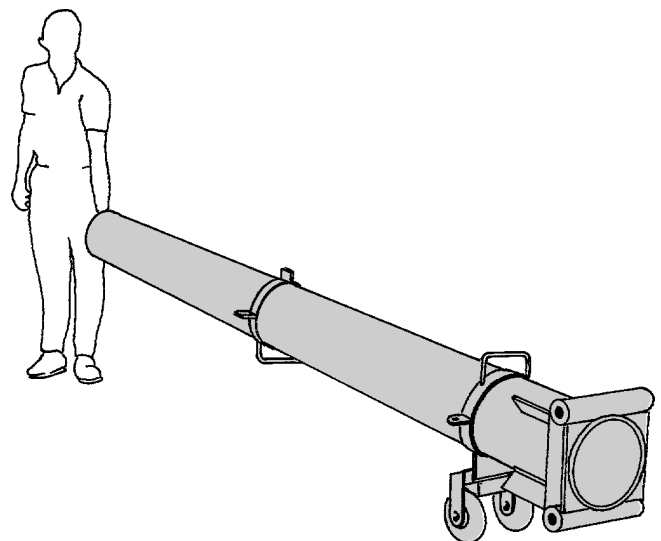


Fig. 5 - Moving the mast