



ASSEMBLY INSTRUCTIONS FOR PROLYTE MPT-ROOF 12X10M

- Content:
 - o Part list and their position
 - o Assembly instructions
 - o Details MPT roof

STRUCTURAL REPORT

The part supplied is a summary of the outcome of the overall calculation. This part B is available on request. Some cost might be involved.

- Content
 - o Applicable standards
 - o Supporting documents used
 - o Drawings and Dimensions
 - o General description
 - o External Loading assumptions
 - o Permissible loadings
 - o Necessary Ballast

Version 4, April 2010

Prolyte Group
Industriepark 9
9351 PA Leek, The Netherlands
phone : +31 (0)594 85 15 15
fax : +31 (0)594 85 15 16
e-mail : info@prolyte.com
website : www.prolyte.com

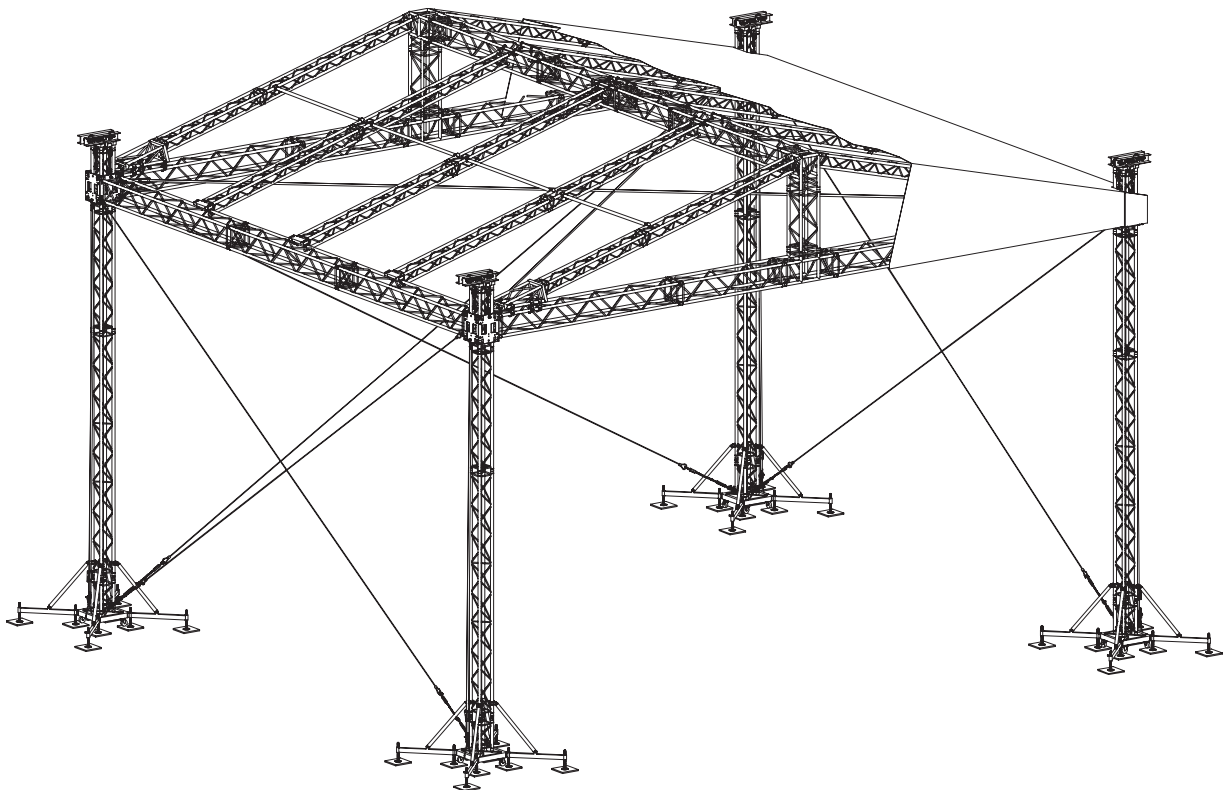
CONTENTS

1.	MPT 12X10.....	2
	1.1 PART LIST AND THEIR POSITIONS.....	3
	1.2 ASSEMBLY INSTRUCTIONS PROLYTE MPT 12X10.....	7
2.	DETAILS MPT 12X10	11

Copyright Restrictions

The contents of this manual are property of Prolyte Group and are protected under Dutch copyright statutes. Reproduction or redistribution is prohibited without the express written consent of the Prolyte Group. Photos and illustrations should not be used without permission. Contact info@prolyte.com to obtain permission. However, under the doctrine of "fair use" limited copying of text is permitted without prior approval for teaching and research purposes. In those cases, Prolyte Group requests the courtesy of citation. Use of the Prolyte Group logos is prohibited without written permission.

ASSEMBLING INSTRUCTIONS MPT-ROOF 12x10



1.1 PART LIST AND THEIR POSITIONS

MPT STAGE 10x8			
No:	Qty	Code	Description
1	4	MPT-004	Steel, tower base section
2	4	MPT-009	Top section combi
3	4	MPT-010-0	Sleeveblock for 30&40 series
4	16	MPT-012	Steel outrigger, incl. screwjack, black
5	4	MPT-041	Motor attachment
6	32	BM-M12x35	bolt 8.8 M12x35
7	32	BM-M12-SW	Spring washer M12
8	16	T-51-PI094ST	Stabilizer for MPT/ST-012 longoutrigger
9	16	ACC-LP-10	Locking pin 10 mm + clip
10	4	H30D-L200	Triangle 30 length 200 cm 48x3
11	16	H30D-L300	Triangle 30 length 300 cm 48x3
12	4	H30V-L050	Square 30 length 50 cm 48x3
13	4	H30V-L100	Square 30 length 100 cm 48x3
14	4	H30V-L200	Square 30 length 200 cm 48x3
15	4	H30V-L400	Square 30 length 400 cm 48x3
16	1	H40V-L062,5	Square 40 length 62,5 cm 48x3
17	2	H40V-L100	Square 40 length 100 cm 48x3
18	2	H40V-L150	Square 40 length 150 cm 48x3
19	4	H40V-L200	Square 40 length 200 cm 48x3
20	4	H40V-L300	Square 40 length 300 cm 48x3
21	8	H40V-L350	Square 40 length 350 cm 48x3
22	186	CCS6-600	Conical coupler
23	32	CCS6-602	Half conical coupler, offset 19 mm, screwthread M12
24	258	CCS6-603	Spigot for CCS6-600
25	218	CCS6-604	Spigot for CCS6-600 with screwthread + M8 nut
26	258	CCS6-605	Safety R-spring for CCS6-603
27	16	CCS6-H	1 Hingeset for MPT/ST tower
28	2	MPR-001	MPT-roof H40V-003 conrer 90°
29	2	MPR-003	MPT-roof H40V-100 mid section
30	2	MPR-005/L	MPT endpart front left
31	2	MPR-005/R	MPT endpart front right
32	6	MPR-007	MPT-rooftruss endpart
33	6	MPR-008	Connection piece intermediate rafter/ridge
34	8	MPR-009	Hangingpoint, special attachment
35	24	CLP-536	Clamp Swiv 30/40/S WLL-750kg
36	8	T-50-48-CW234,7CW	Tube 50 L= 234,7 cm with quick release claws

continuation part list on page 4 ►

MPT STAGE 12x10

No:	Qty	Code	Description
Rigging set			
37	10	MPT-033	Hoistingpoint with asyemtric holes 31 + 32
38	20	BM-M12x055	M12x40 bolt 8.8
39	10	BM-M12N	M12 nut DIN934
40	20	BM-M12SW	M12 spring washer
41	4	SW-10-0975EH	Steelwire 6x19x10 mm with eye/hook L= 975 cm sidewall
42	2	SW-10-1150EH	Steelwire 6x19x10 mm with eye/hook L= 1150 cm backwall
43	6	RI-SH3.2T	Shackle 3.2 T with bolt+nut
44	6	SS-2T-200	Soft steel 2 T WL=200cm black
45	6	RA-2T-300-HH	Ratchet set 2 T, 0,5 m + 2.50 m + hooks
46	2	RA-2T-1600-HH	Ratchet set 2 T, 0,5 m + 15.50 m + hooks
47	4	RA-2T-800-HH	Ratchet set 2 T, 0,5 m + 7.50 m + hooks

Rigging set for German market

No:	Qty	Code	Description
48	4	SW-10-975EH	Steelwire 6x19x10 mm with eye/hook L= 975 cm sidewall
49	2	SW-10-1150EH	Steelwire 6x19x10 mm with eye/hook L= 1150 cm backwall
50	2	SW-10-1450EH	Steelwire 6x19x10 mm with eye/hook L= 1450 cm horizontal
51	6	RI-SH3.2T	Shackle 3.2 T with bolt + nut
52	6	SS-2T-200	Soft steel 2 T WL= 200 cm black
53	8	CH-07-200HCSH	Chain + spanner + shortener L= 200 cm 2x hook
54	4	RA-2T-0800-HH	Ratchet set 2T, 0,5 m + 7.50 m + hooks

Lifting

No:	Qty	Code	Description
55	4	MPT-016	Hand chainhoist 1 T with 15 meter chain
56	4	MPT-017	Chainbag for MPT-016
57	16	RI-SH3,2T	Shackle 3,2 T
58	4	SS-2T-200	Softsteel 2 T, WL= 200 cm, black
59	8	CH-07-150CHH	Chain 7mm, L= 150 cm + hook + clutch
60	4	BM-M12X400	M12x370 wire thread
61	16	BM-M12-N	Nut, M12, DIN934
62	16	BM-M12-SW	M-12 springwash

Canopy for roof 12x10

No:	Qty	Code	Description
63	1	CAN-MPT1210/M	Main canopy, male side
64	1	CAN-MPT1210/F	Main canopy, female side
65	4	CAN-MPT-SL-01	Sleevblock canopy
66	20	RA-2T-0200OE	Ratchet, endless, L= 200 cm
67	12	T-51-OE300SP	Tube 51x2 L= 300 cm, spigoted
68	2	T-51-OE300OE	Tube 51x2 L= 300 cm, open end
69	2	T-51-OE100OE	Tube 51x2 L= 100 cm, open end

MPT STAGE 12x10			
No:	Qty	Code	Description
Canopy for side walls 12x10			
70	2	CAN-MPT-SIDE-04	Canopy side, 50% open, 2720 x 6700 cm
71	4	CAN-MPT-SIDE-05	Canopy side, 50% open, 4000 x 6700 cm
72	70	CAN-BUNGY/20	Rubber Bungy cord L= 20 cm + hook
73	4	CAN-ROPE-15M	Rope for canopy L= 15 m

Canopy for back wall 12x10			
No:	Qty	Code	Description
74	2	CAN-MPT-SIDE-05	Canopy side, 50% open, 4000 x 6700 cm
75	1	CAN-MPT-SIDE-06	Canopy side, 50% open, 4720 x 6700 cm
76	50	CAN-BUNGY/20	Rubber Bungy cord L= 20 cm + hook
77	4	CAN-ROPE-15M	Rope for canopy L= 15 m

Soundwings 3 meter, tower height 7,5 meter			
No:	Qty	Code	Description
78	2	MPT-004	Steel, tower basesection
79	2	MPT-009	Top section combi
80	2	MPT-010-0	Sleeveblock for 30&40 series
81	8	MPT-012	Steel outrigger, incl. screwjack, Black
82	2	MPT-016	Hand chainhoist 1T with 15 meter chain
83	2	MPT-017	Chainbag for MPT-016
84	2	MPT-033	Hoistingpoint with asymeric holes 31 + 32
85	2	MPT-041	Motor attachment
86	2	H30V-L043	Square 30 length 43 cm 48x3
87	2	H30V-L050	Square 30 length 50 cm 48x3
88	2	H30V-L100	Square 30 length 100 cm 48x3
89	2	H30V-L150	Square 30 length 150 cm 48x3
90	2	H30V-L200	Square 30 length 200 cm 48x3
91	4	H30V-L250	Square 30 length 250 cm 48x3
92	2	H40V-L300	Square 40 length 300 cm 48x3
93	2	H30V-L350	Square 30 length 350 cm 48x3
94	2	H30V-L400	Square 30 length 400 cm 48x3
95	56	CCS6-600	Conical coupler
96	16	CCS6-602	Half conical coupler, offset 19 mm, screwthread M12
97	88	CCS6-603	Spigot for CCS6-600
98	76	CCS6-604	Spigot for CCS6-600 with screwthread + M8 nut
99	88	CCS6-605	Safety R-spring for CCS6-603
100	8	CCS7-705	R-spring
101	8	CCS6-H	1 Hingeset for MPT/ST tower
102	8	CCS6-H-FM-BOLT	Hinge fork, for x/h series
103	4	CCS6-H-M-45	Hinge pin, 45° drill in CCS6
104	4	CCS6-H-M-135	Hinge pin, 135° drill in CCS6
105	4	MPR-009	Hangingpoint, special attachment
106	2	BM-M12X400	M12x370 wire thread
107	8	BM-M12-SN	M-12 Selflocking nut

continuation part list on page 6 ►

Soundwings 3 meter, tower height 7,5 meter

No:	Qty	Code	Description
108	24	BM-M12-SW	M-12 springwash
109	16	BM-M12x35	bolt 8.8 M12x35
110	8	BM-M12x55	Bolt 8,8 M12x55
111	8	T-51-PI094ST	Stabilizer for MPT/ST-012 longoutrigger
112	4	CH-07-150CHH	Chain 7mm, L=150 cm + hook + clutch
113	6	RI-SH3,2T	Shackle 3,2 T
114	8	ACC-LP-10	Locking pin 10 mm + clip
115	8	ACC-LP-16	Locking pin for hinge
116	2	SS-2T-200	Softsteel 2 T, WL= 200 cm, black

Cantilever MPT 12 x 10 meter

117	8	CCS6-602	Half conical coupler, offset 19 mm, screwthread M12
118	8	BM-M12x35	bolt 8.8 M12x35
119	8	BM-M12-SW	Spring washer M12
120	1	Z-H40V-C3-007	Square 40 3-way corner 154°
121	2	Z-H40V-C2-003	Square 40 2-way corner 103°
122	1	H40V-L062,5	Square 40 length 62,5 cm 48X3
123	1	H40V-L100	Square 40 lenght 100 cm 48x3
124	2	H40V-L150	Square 40 lenght 150 cm 48x3
125	2	H40V-L250	Square 40 lenght 250 cm 48x3
126	4	H40V-L300	Square 40 lenght 300 cm 48x3
127	1	Z-MPR-003-001	Spec. MPR-003 + extra joints
128	1	Z-MPR-003-002	Spec. MPR-003 + 2 extra joints
129	1	T-50-48-CW260CW	Support tube , 2 quick rel. claw L= 260 cm
130	2	RA-2T-1100HH	Ratchet 2 T, L= 1100 cm, 2X hook
131	4	SS-2T-200	Softsteel 2 T L= 200 cm
132	4	RI-SH3,2T	Shackle 3,2 T
133	56	CCS6-600	Conical coupler
134	64	CCS6-603	Spigot for CCS6-600
135	56	CCS6-604	Spigot for CCS6-600 with screwthread + M8 nut
136	64	CCS6-605	Safety R-spring for CCS6-603
137	1	Z-CAN-MPT-12-CANT	Canopy for cantilever
138	1	CAN-MPT1210/M-CANT	Main canopy, male side
139	1	CAN-MPT1210/F-CANT	Main canopy, female side
140	40	CAN-BUNGY/20	Rubber Bungy cord L= 20 cm + hook

Steel wire set for the German market

141	2	CH-07-200HCSH	Chain + spanner + shortener L= 200 cm 2x hook
142	2	SW-10-0900EH	Steelwire 6x19x10 mm with eye/hook L= 900 cm ridgebar
143	4	SS-2T-200	Soft steel 2 T WL= 200 cm black
144	4	RI-SH3,2T	Shackle 3,2 T

Base Distance Unit MPT 12 x 10			
No:	Qty	Code	Description
145	6	MPR-030	Connection piece Base Distance Unit
146	1	H30V-L100	Square 30 length 100 cm 48x3
147	4	H30V-L300	Square 30 length 300 cm 48x3
148	5	H30V-L350	Square 40 length 350 cm 48x3
149	52	CCS6-600	Conical coupler
150	52	CCS6-603	Spigot for CCS6-600
151	52	CCS6-604	Spigot for CCS6-600 with screwthread + M8 nut
152	52	CCS6-605	Safety R-spring for CCS6-603

1.2 ASSEMBLING INSTRUCTIONS MPT-ROOF 8X6