



### **ASSEMBLY INSTRUCTIONS FOR PROLYTE MPT-ROOF 10X8M**

- 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 10X8.....	2
	1.1 PART LIST AND THEIR POSITIONS.....	3
	1.2 ASSEMBLY INSTRUCTIONS PROLYTE MPT 10X8.....	7
2.	DETAILS MPT 10X8 .....	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](mailto: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 10x8

## 1.1 PART LIST AND THEIR POSITIONS

<b>MPT STAGE 10x8</b>			
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	6	H30D-L090	Triangle 30 length 90 cm 48x3
11	10	H30D-L100	Triangle 30 length 100 cm 48x3
12	10	H30D-L300	Triangle 30 length 300 cm 48x3
13	4	H30V-L050	Square 30 length 50 cm 48x3
14	4	H30V-L100	Square 30 length 100 cm 48x3
15	4	H30V-L200	Square 30 length 200 cm 48x3
16	4	H30V-L400	Square 30 length 400 cm 48x3
17	1	H40V-L062,5	Square 40 length 62,5 cm 48x3
18	2	H40V-L074	Square 40 length 74 cm 48x3
19	8	H40V-L100	Square 40 length 100 cm 48x3
20	4	H40V-L300	Square 40 length 300 cm 48x3
21	6	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	276	CCS6-603	Spigot for CCS6-600
25	236	CCS6-604	Spigot for CCS6-600 with screwthread + M8 nut
26	276	CCS6-605	Safety R-spring for CCS6-603
27	16	CCS6-H	1 Hingeset for MPT/ST tower
28	18	CCS6-S50	Spacer 50 mm
29	2	MPR-001	MPT-roof H40V-003 corner 90°
30	2	MPR-003	MPT-roof H40V-100 mid section
31	2	MPR-005/L	MPT endpart front left
32	2	MPR-005/R	MPT endpart front right
33	6	MPR-007	MPT-rooftruss endpart
34	6	MPR-008	Connection piece intermediate rafter/ridge
35	8	MPR-009	Hangingpoint, special attachment
36	24	CLP-536	Clamp Swiv 30/40/S WLL-750 kg
37	8	T-50-48-CW184,5CW	Tube 50 L=184,5 cm with quick release claws

*continuation part list on page 4* ►

### MPT STAGE 10x8

No:	Qty	Code	Description
<b>Rigging set</b>			
38	10	MPT-033	Hoistingpoint with asyemtric holes 31 + 32
39	20	BM-M12x055	M12x55 bolt 8.8
40	10	BM-M12SN	M12 selflocking nut
41	20	BM-M12SW	M12 spring washer
42	4	SW-10-0800EH	Steelwire 6x9x10 mm with eye/hook L= 800 cm sidewall
43	2	SW-10-0975EH	Steelwire 6x9x10 mm with eye/hook L= 975 cm backwall
44	6	RI-SH3.2T	Shackle 3.2 T with bolt + nut
45	6	SS-2T-200	Soft steel 2 T WL= 200 cm black
46	6	RA-2T-0300-HH	Ratchet set 2 T, 0,5 m + 2.50 m + hooks
47	2	RA-2T-1600-HH	Ratchet set 2 T, 0,5 m + 15.50 m + hooks
48	4	RA-2T-0800-HH	Ratchet set 2 T, 0,5 m + 7.50 m + hooks

### Rigging set for German market

No:	Qty	Code	Description
49	4	SW-10-800EH	Steelwire 6x19x10 mm with eye/hook L= 800 cm sidewall
50	2	SW-10-975EH	Steelwire 6x19x10 mm with eye/hook L= 975 cm backwall
51	2	SW-10-1150EH	Steelwire 6x19x10 mm with eye/hook L= 1150 cm horizontal
52	6	RI-SH3.2T	Shackle 3.2 T with bolt + nut
53	6	SS-2T-200	Soft steel 2 T WL= 200 cm black
54	8	CH-07-200HCSH	Chain + spanner + shortener L= 200 2x hook
55	4	RA-2T-0800-HH	Ratchet set 2 T, 0,5 m + 7.50 m + hooks

### Lifting

No:	Qty	Code	Description
56	4	MPT-016	Hand chainhoist 1 T with 15 m chain
57	4	MPT-017	Chainbag for MPT-016
58	16	RI-SH3,2T	Shackle 3,2 T
59	4	SS-2T-200	Softsteel 2 T, WL= 200 cm, black
60	8	CH-07-150CHH	Chain 7mm, L= 150 cm + hook + clutch
61	4	BM-M12X400	M12x370 wire thread
62	16	BM-M12-N	Nut, M12, DIN934
63	16	BM-M12-SW	M-12 springwash

### Canopy for roof 10x8

No:	Qty	Code	Description
64	1	CAN-MPT-1008/M	Main canopy, male side
65	1	CAN-MPT-1008/F	Main canopy, female side
66	4	CAN-MPT-SL-01	Sleeveblock canopy
67	18	RA-2T-0200OE	Ratchet, 2 T endless, L= 200 cm
68	10	T-51-OE300SP	Tube 51x2 L= 300 cm, spigoted
69	2	T-51-OE100OE	Tube 51x2 L= 100 cm, open end
70	2	T-51-OE200OE	Tube 51x2 L= 200 cm, open end

<b>MPT STAGE 10x8</b>			
No:	Qty	Code	Description
<b>Canopy for side walls 10x8</b>			
71	2	CAN-MPT-SIDE-05	Canopy side 50% open, 4000 x 6700 cm
72	2	CAN-MPT-SIDE-06	Canopy side 50% open, 4720 x 6700 cm
73	60	CAN-BUNGY/20	Rubber Bungy cord L= 20 cm + hook
74	2	CAN-ROPE-15M	Rope for canopy L= 15 m

<b>Canopy for back wall 10x8</b>			
No:	Qty	Code	Description
75	1	CAN-MPT-SIDE-04	Canopy side 50% open, 2720 x 6700 cm
76	2	CAN-MPT-SIDE-05	Canopy side 50% open, 4720 x 6700 cm
77	40	CAN-BUNGY/20	Rubber Bungy cord L= 20 cm + hook
78	5	CAN-ROPE-15M	Rope for canopy L= 15 m

<b>Soundwings 3 meter, tower height 7,5 meter</b>			
No:	Qty	Code	Description
79	2	MPT-004	Steel, tower basesection
80	2	MPT-009	Top section combi
81	2	MPT-010-0	Sleeveblock for 30&40 series
82	8	MPT-012	Steel outrigger, incl. screwjack, Black
83	2	MPT-016	Hand chainhoist 1 T with 15 meter chain
84	2	MPT-017	Chainbag for MPT-016
85	2	MPT-033	Hoistingpoint with asymeric holes 31 +32
86	2	MPT-041	Motor attachment
87	2	H30V-L050	Square 30 Length 50 cm 48x3
88	2	H30V-L100	Square 30 Length 100 cm 48x3
89	2	H30V-L200	Square 30 Length 200 cm 48x3
90	4	H30V-L250	Square 30 Length 250 cm 48x3
91	2	H30V-L350	Square 30 Length 350 cm 48x3
92	2	H30V-L400	Square 30 Length 400 cm 48x3
93	2	H40V-L300	Square 40 length 300 cm 48x3
94	40	CCS6-600	Conical coupler
95	16	CCS6-602	Half conical coupler, offset 19 mm, screwthread M12
96	72	CCS6-603	Spigot for CCS6-600
97	56	CCS6-604	Spigot for CCS6-600 with screwthread + M8 nut
98	72	CCS6-605	Safety R-spring for CCS6-603
99	8	CCS6-H	1 Hingeset for MPT/ST tower
100	4	CCS6-H-M-45	Hinge pin, 45° drill in CCS6
101	4	CCS6-H-M-135	Hinge pin, 135° drill in CCS6
102	8	CCS6-H-FM-BOLT	Hinge fork, for X/H series
103	8	CCS6-S35	Spacer 35 mm
104	8	CCS7-705	R-spring
105	4	MPR-009	Hangingpoint, special attachment
106	8	BM-M12-N	M-12 Selflocking nut
107	24	BM-M12-SW	M-12 springwash
108	16	BM-M12x35	bolt 8.8 M12x35

continuation part list on page 6 ►

**Soundwings 3 meter, tower height 7,5 meter**

No:	Qty	Code	Description
109	8	BM-M12x55	Bolt 8,8 M12x55
110	2	BM-M12X400	M12x370 wire thread
111	8	T-51-PI094ST	Stabilizer for MPT/ST-012 longoutrigger
112	4	CH-07-150CHH	Chain 7mm, L= 150 cm + hook + clutch
113	10	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 10 x 8 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	2	H40V-L047,3	Square 40 length 47,3 cm 48X3
123	1	H40V-L062,5	Square 40 length 62,5 cm 48X3
124	1	H40V-L076,9	Square 40 length 76,9 cm 48X3
125	2	H40V-L350	Square 40 length 350 cm 48X3
126	4	H40V-L200	Square 40 length 200 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-CW226CW	Support tube , 2 quick rel. claw L= 226 cm
130	2	RA-2T-0800HH	Ratchet 2 T, L= 800 cm, 2X hook
131	4	SS-2T-200	Softsteel 2 T L= 200 cm
132	4	RI-SH3,2T	Shackle 3,2 T
133	64	CCS6-600	Conical coupler
134	72	CCS6-603	Spigot for CCS6-600
135	64	CCS6-604	Spigot for CCS6-600 with screwthread + M8 nut
136	72	CCS6-605	Safety R-spring for CCS6-603
137	1	CAN-MPT-10-CANT	Canopy for cantilever
138	1	CAN-MPT-1008/M-CANT	Main canopy, male side
139	1	CAN-MPT-1008/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

<b>Base Distance Unit MPT 10 x 8</b>			
<b>No:</b>	<b>Qty</b>	<b>Code</b>	<b>Description</b>
145	6	MPR-030	Connection piece Base Distance Unit
146	1	H30V-L050	Square 30 length 50 cm 48x3
147	2	H30V-L100	Square 30 length 100 cm 48x3
148	1	H30V-L200	Square 30 length 200 cm 48x3
149	2	H30V-L300	Square 30 length 300 cm 48x3
150	4	H30V-L350	Square 30 length 350 cm 48x3
151	52	CCS6-600	Conical coupler
152	52	CCS6-603	Spigot for CCS6-600
153	52	CCS6-604	Spigot for CCS6-600 with screwthread + M8 nut
154	52	CCS6-605	Safety R-spring for CCS6-603

## **1.2 ASSEMBLING INSTRUCTIONS MPT-ROOF 8X6**