

Technical sheet :

EMA II 20 HD-1

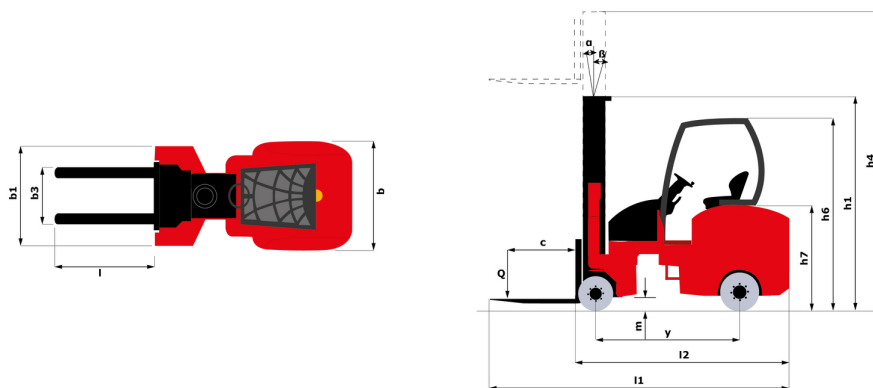


 **MANITOU**
HANDLING YOUR WORLD

The image contains two technical drawings of a forklift, labeled 'a' and 'b'.

Drawing 'a' is a top view of the forklift. It shows a red body with a black mast and two black forks. Dimensions are labeled: b_1 (total width), b_3 (fork width), b (body width), and l (fork length).

Drawing 'b' is a side view of the forklift. It shows the red body, black mast, and two black wheels. Dimensions are labeled: h_4 (total height), h_1 (height to top of mast), h_6 (height to top of body), h_7 (height to bottom of body), l_1 (total length), l_2 (length to front wheel), y (wheelbase), m (height of front wheel), c (height of mast), and \varnothing (diameter of front wheel).



Characteristics of masts and residual capacities

Free Lift Triplex (FLT)		FLT 56	FLT 60	FLT 66	FLT 70	FLT 76	FLT 80	FLT 86	FLT 90	FLT 95	FLT 102	FLT 106
α - Mast/fork camiage tilt, forward	°	1	1	1	1	1	1	1	1	1	1	1
β - Mast/fork camiage tilt, backward	°	3	3	3	3	3	3	3	3	3	3	3
h1 - Mast lowered height	mm	2750	2900	3150	3290	3590	3720	4020	4150	4500	4690	4820
h2 - Mast free lift	mm	1930	2080	2330	2470	2770	2900	3200	3330	3650	3870	4000
h3 - Mast lifting height	mm	5550	6000	6600	7020	7620	8010	8610	9000	9500	10200	10560
h4 - Mast extended height	mm	6380	6830	7430	7850	8450	8840	9440	9830	10475	11175	11535
Residual capacity with integrated side shift at max heigh	kg	1600	1450	1450	1300	1300	1200	1100	1000	900	750	650



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