

Technical sheet :

# **EMA II 18 HL-2**

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The image contains two technical drawings of a forklift. The top drawing is a top-down view showing the forklift's footprint. It features a red body, a black mast, and two black forks. Dimensions are labeled as follows:  $b_1$  (total width),  $b_3$  (fork width),  $b$  (body width), and  $l$  (fork length). The bottom drawing is a side profile view. It shows the forklift's height and wheel placement. Dimensions are labeled as follows:  $Q$  (fork height),  $c$  (mast offset),  $E$  (wheel offset),  $y$  (wheelbase),  $h_1$  (total height),  $h_2$  (mast height),  $h_3$  (body height),  $h_4$  (fork height),  $h_5$  (fork tip height),  $h_6$  (operator height),  $h_7$  (body height), and  $l_1$  (total length).

# Characteristics of masts and residual capacities

Free Lift Triplex (FLT)		FLT 80	FLT 84	FLT 90	FLT 95	FLT 100	FLT 102	FLT 110	FLT 120	FLT 125	FLT 127
Mast/fork carriage tilt, forward	°	1	1	1	1	1	1	1	1	1	1
Mast/fork carriage tilt, backward	°	4	4	4	4	4	4	4	4	4	4
h1 - Mast lowered height	mm	3720	3900	4150	4270	4590	4690	5000	5340	5550	5570
h2 - Mast free lift	mm	2900	3080	3330	3650	3770	3870	4180	4520	4680	4750
h3 - Mast lifting height	mm	8010	8400	9000	9500	10020	10200	11010	12000	12510	12720
h4 - Mast extended height	mm	8840	9230	9830	10350	10850	11175	11985	13005	13485	13695
Residual capacity with integrated side shift at max heighth	kg	1250	1250	1250	1100	1100	1000	850	750	700	500



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