

Technical sheet :

EMA II 20 HD-2



 **MANITOU**
HANDLING YOUR WORLD

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 length. Dimensions are labeled as follows: Q (fork height), c (mast height), E (operator height), y (wheelbase), h_1 (total height), h_2 (mast height), h_3 (body height), h_4 (fork height), h_5 (operator height), h_6 (mast height), h_7 (body height), h_8 (fork height), h_9 (operator height), h_{10} (mast height), h_{11} (body height), h_{12} (fork height), h_{13} (operator height), h_{14} (mast height), h_{15} (body height), h_{16} (fork height), h_{17} (operator height), h_{18} (mast height), h_{19} (body height), h_{20} (fork height), h_{21} (operator height), h_{22} (mast height), h_{23} (body height), h_{24} (fork height), h_{25} (operator height), h_{26} (mast height), h_{27} (body height), h_{28} (fork height), h_{29} (operator height), h_{30} (mast height), h_{31} (body height), h_{32} (fork height), h_{33} (operator height), h_{34} (mast height), h_{35} (body height), h_{36} (fork height), h_{37} (operator height), h_{38} (mast height), h_{39} (body height), h_{40} (fork height), h_{41} (operator height), h_{42} (mast height), h_{43} (body height), h_{44} (fork height), h_{45} (operator height), h_{46} (mast height), h_{47} (body height), h_{48} (fork height), h_{49} (operator height), h_{50} (mast height), h_{51} (body height), h_{52} (fork height), h_{53} (operator height), h_{54} (mast height), h_{55} (body height), h_{56} (fork height), h_{57} (operator height), h_{58} (mast height), h_{59} (body height), h_{60} (fork height), h_{61} (operator height), h_{62} (mast height), h_{63} (body height), h_{64} (fork height), h_{65} (operator height), h_{66} (mast height), h_{67} (body height), h_{68} (fork height), h_{69} (operator height), h_{70} (mast height), h_{71} (body height), h_{72} (fork height), h_{73} (operator height), h_{74} (mast height), h_{75} (body height), h_{76} (fork height), h_{77} (operator height), h_{78} (mast height), h_{79} (body height), h_{80} (fork height), h_{81} (operator height), h_{82} (mast height), h_{83} (body height), h_{84} 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Characteristics of masts and residual capacities

Free Lift Triplex (FLT)		FLT 55	FLT 60	FLT 66	FLT 76	FLT 80	FLT 86	FLT 90	FLT 100	FLT 106
α - Mast/fork camiage tilt, forward	°	1	1	1	1	1	1	1	1	1
β - Mast/fork camiage tilt, backward	°	3	3	3	3	3	3	3	3	3
h1 - Mast lowered height	mm	2750	2900	3150	3590	3720	4020	4150	4590	4820
h2 - Mast free lift	mm	1930	2080	2330	2770	2900	3200	3330	3770	4000
h3 - Mast lifting height	mm	5500	6000	6600	7620	8010	8610	9000	10020	10560
h4 - Mast extended height	mm	3680	6830	7430	8450	8840	9440	9830	11000	11540
Residual capacity with integrated side shift at max heigh	kg	1500	1500	1450	1400	1350	1300	1250	1000	850



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