

Technical sheet :

ES 820



 **MANITOU**
HANDLING YOUR WORLD

The top view (left) shows the pallet truck from above. Dimensions include: b_1 (total width), b_{10} (width of the handle assembly), b_{11} (width of the fork assembly), b_5 (width of the fork tips), l_2 (distance from handle to fork base), l (total length), A_{st} (total area), W_a (area of the handle assembly), and e (distance between fork tips).

The side view (right) shows the pallet truck from the side. Dimensions include: h_{14} (height of the handle), h_2 (height of the fork base), h_1 (height of the fork), h_3 (height of the fork tip), h_4 (total height), Q (load capacity), c (distance from handle to load center), m_1 (height of the handle base), s (height of the fork base), x (distance from handle to fork base), y (distance from handle to fork tip), l_1 (total length), and h_{13} (height of the fork tip).

Characteristics of masts and residual capacities

Central Cylinder Duplex (CCD)		FVD 29	FVD 34
h1 - Mast lowered height	mm	1940	2190
h3 - Mast lifting height	mm	2940	3440
h4 - Mast extended height	mm	3365	3865
Residual capacity at max height	kg	1600	1300

Central Cylinder Simplex (CCS)		CCS 15	CCS 17
h1 - Mast lowered height	mm	1940	2190
h2 - Mast free lift	mm	1510	1760
h3 - Mast lifting height	mm	1510	1760
h4 - Mast extended height	mm	1940	2190
Residual capacity at max height	kg	2000	2000

Free Lift Duplex (FLD)		FLD 29	FLD 34
h1 - Mast lowered height	mm	1940	2190
h2 - Mast free lift	mm	1510	1760
h3 - Mast lifting height	mm	2935	3435
h4 - Mast extended height	mm	3365	3865
Residual capacity at max height	kg	1600	1300

Free Lift Triplex (FLT)		FLT 42	FLT 47	FLT 54
h1 - Mast lowered height	mm	1900	2060	2300
h2 - Mast free lift	mm	1465	1625	1875
h3 - Mast lifting height	mm	4245	4725	5455
h4 - Mast extended height	mm	4710	5190	5880
Residual capacity at max height	kg	750	550	450



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