

Technical sheet :

# ES 414

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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 forks),  $b_5$  (width of the base),  $l_2$  (distance from handle to fork tip),  $l$  (total length),  $A_{st}$  (total area),  $W_a$  (width of the wheel 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),  $h_1$  (height of the base),  $h_3$  (height of the wheel),  $h_4$  (total height),  $c$  (radius of the wheel),  $s$  (distance from the wheel to the fork),  $x$  (distance from the wheel to the handle),  $y$  (distance from the wheel to the base),  $m_1$  (width of the wheel), and  $h_{13}$  (height of the wheel).

# Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 29	FVD 34	FVD 38
h1 - Mast lowered height	mm	1940	2190	2390
h3 - Mast lifting height	mm	2940	3440	3840
h4 - Mast extended height	mm	3365	3865	4265
Residual capacity at max height	kg	1250	1050	850
Height at max capacity	mm	2700	2700	2700

Free Lift Duplex (FLD)		FLD 29	FLD 34
h1 - Mast lowered height	mm	1940	2190
h2 - Mast free lift	mm	1420	1670
h3 - Mast lifting height	mm	2935	3435
h4 - Mast extended height	mm	3365	3865
Residual capacity at max height	kg	1250	1000
Height at max capacity	mm	2700	2700

Free Lift Triplex (FLT)		FLT 42
h1 - Mast lowered height	mm	1890
h2 - Mast free lift	mm	1380
h3 - Mast lifting height	mm	4240
h4 - Mast extended height	mm	4678
Residual capacity at max height	kg	700
Height at max capacity	mm	2700



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