

Technical sheet :

ME 320 US



 **MANITOU**
HANDLING YOUR WORLD

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Full Visibility Duplex (FVD)		FVD 27	FVD 30	FVD 33	FVD 36	FVD 40	FVD 43	FVD 45
α - Mast/fork carriage tilt, forward	°	5.50	5.50	5.50	5.50	3.50	3.50	3.50
β - Mast/fork carriage tilt, backward	°	6	6	6	6	5	5	5
h1 - Mast lowered height	in	72.6	78.5	84.4	90.4	100.2	106.7	111
h2 - Mast free lift	in	5.7	5.7	5.7	5.7	5.7	5.7	5.7
h3 - Mast lifting height	in	106.3	118.1	129.9	141.7	157.5	169.3	177.2
h4 - Mast extended height	in	128.5	140.4	152.2	164	179.7	191.5	199.4
Residual capacity at max height	lb	4409	4409	4409	4409	4409	4299	4189
Residual capacity with integrated side shift at max height	lb	4409	4409	4409	4409	4409	4299	4189
Residual capacity with hooked-on side shift at max height	lb	4409	4409	4409	4409	4079	3858	3748
Height at max capacity	in	106.3	118.1	129.9	141.7	157.5	157.5	157.5
Height at max capacity with integrated sideshift	in	106.3	118.1	129.9	141.7	157.5	157.5	157.5

Free Lift Duplex (FLD)		FLD 27	FLD 30	FLD 33	FLD 36	FLD 40
α - Mast/fork carriage tilt, forward	°	5.50	5.50	5.50	5.50	3.50
β - Mast/fork carriage tilt, backward	°	6	6	6	6	5
h1 - Mast lowered height	in	72.6	78.5	84.4	90.4	100.2
h2 - Mast free lift	in	49.6	55.5	61.4	67.3	77.2
h3 - Mast lifting height	in	106.3	118.1	129.9	141.7	157.5
h4 - Mast extended height	in	129.7	141.5	153.3	165.2	180.9
Residual capacity at max height	lb	4409	4409	4409	4409	4409
Residual capacity with integrated side shift at max height	lb	4409	4409	4409	4409	4409
Residual capacity with hooked-on side shift at max height	lb	4409	4409	4409	4409	4079
Height at max capacity	in	106.3	118.1	129.9	141.7	157.5
Height at max capacity with integrated sideshift	in	106.3	118.1	129.9	141.7	157.5

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