Technical sheet :



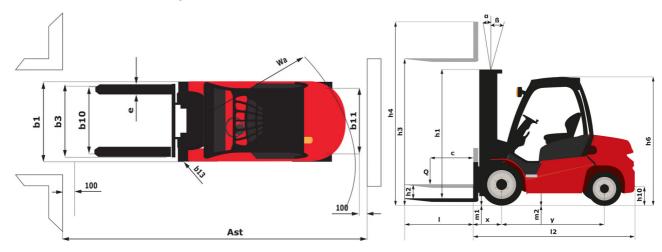




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/9 111
14330 lb
21219 lb / 3031 lb
6217 lb / 8113 lb
Pneumatic
300-15-18PR
7.00-12-12PR
2/2
2
47 in
44 in
94 in
54 in
18 in
170 in
122 in
59 in
59 in
2 in x 6 in x 48 in
3A
49 in
7 in
9 in
184 in
189 in
110 in
4 in
14 mph-15 mph
2 ft/s-2 ft/s
2 ft/s-2 ft/s
4000 daN / 2000 daN
30 % / 36 %
Hydraulic
Cummins / QSF2.8T4F
55 kW
2600 rpm
4 - 171 in³
2321 PSI
24 US gpm
< 84 dB
84 dB

MI 45 D - Dimensional drawing



Characteristics of masts and residual capacities

Full Visibility Duplex (FVD)		FVD 30	FVD 33	FVD 35	FVD 37	FVD 40	FVD 45	FVD 50
Mast/fork carriage tilt, forward	۰	6	6	6	6	6	6	6
Mast/fork carriage tilt, backward	٥	12	12	12	12	12	12	12
h1 - Mast lowered height	in	88.4	94.3	98.2	102.2	110	120.9	131.7
h2 - Mast free lift	in	6.3	6.3	6.3	6.3	6.3	6.3	6.3
h3 - Mast lifting height	in	118.1	129.9	137.8	145.7	157.5	177.2	196.9
h4 - Mast extended height	in	164.2	176	183.9	191.7	203.5	223.2	242.9
Residual capacity at max height	lb	3307	3307	3307	3307	3307	9039	8157
Residual capacity with integrated side shift at max heigth	lb	9921	9921	9921	9921	9921	8818	7937
Height at max capacity	in	118.1	129.9	137.8	145.7	157.5	157.5	157.5
Height at max capacity with integrated sideshift	in	118.1	129.9	137.8	145.7	157.5	157.5	157.5

Free Lift Duplex (FLD)		FLD 30	FLD 33	FLD 35	FLD 37
Mast/fork carriage tilt, forward °		6	6	6	6
Mast/fork carriage tilt, backward		12	12	12	12
h1 - Mast lowered height	in	87.6	93.5	97.5	101.4
h2 - Mast free lift	in	53.7	59.6	63.5	67.5
h3 - Mast lifting height	in	118.1	129.9	137.8	145.7
h4 - Mast extended height	in	164.2	176	183.9	191.7
Residual capacity at max height	lb	9921	9921	9921	9921
Residual capacity with integrated side shift at max heigth	lb	9921	9921	9921	9921
Height at max capacity	in	118.1	129.9	137.8	145.7
Height at max capacity with integrated sideshift	in	118.1	129.9	137.8	145.7

Free Lift Triplex (FLT)		FLT 40	FLT 43	FLT 45	FLT 47	FLT 50	FLT 55	FLT 60
Mast/fork carriage tilt, forward °		6	6	6	6	6	3	3
Mast/fork carriage tilt, backward	٥	12	6	6	6	6	6	6
h1 - Mast lowered height	in	81.9	85.8	88.5	90.9	94.9	101.4	109.8
h2 - Mast free lift	in	48.4	52.3	54.9	57.4	61.4	67.9	76.3
h3 - Mast lifting height	in	157.5	169.3	177.2	185	196.9	216.5	236.2
h4 - Mast extended height	in	203.5	215.4	223.8	231.1	242.9	262.6	282.7
Residual capacity at max height	lb	9811	9480	9039	8598	7937	6834	5512
Residual capacity with integrated side shift at max heigth	lb	9590	9259	8818	8378	7716	6614	5291
Height at max capacity	in	98.4	98.4	98.4	98.4	98.4	98.4	98.4



Head Office B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



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