Technical sheet:

## ES 614





Manifocurer
1.2   Model Name
1.3   Power source
1.4   Operator type
1.5
1.6
1.8   Distance from Load backrest to center of rear axle
1.9   Wheelbase   y   1252 mm
Weight   1092 kg   1092 kg   1097
2.1   Service weight   1092 kg   1037 kg / 1455 kg
2.2   Weight on front axle (laden) / rear axle (Unladen)   855 kg / 240 kg
Weight on front axle (Unladen) / rear axle (Unladen)   855 kg / 240 kg
Wheels         Common of the polymethane           3.1         Tires type         Polymethane           3.3         Number of load wheels / Size of the stabilizer wheels         1 / 120 x 54           3.4         Number of front wheels / Size of the stabilizer wheels         2 / 4           3.5         Number of front wheels / Fear wheels         2 / 4           3.5.2         Number of drive wheels / Size of drive wheels         1 / 230x70           3.6         Front wheel gauge         b10         529 mm           3.7         Rear wheel gauge         b11         380 mm           Dimensions           4.15         Fork height in low position         h13         85 mm           4.19         Overall length         I1         1910 mm           4.20         Length to face of forks         I2         761 mm           4.21         Overall width         b1         800 mm           4.22         Fork section / width / length         s / e / I         60 mm / list 5 mm / 1150 mm           4.24         Fork carriage width         b3         700 mm           4.32         Ground clearance at centre of wheelbase         m2         30 mm           4.33         A isle Width for pallets 1000 x 1200 crossways         Ast
3.1       Tires type       Polyuethane         3.3       Number of load wheels / Size of load wheels       4 / 82x68         3.4       Number of stabilizer wheels / Size of the stabilizer wheels       1 / 120 x 54         3.5       Number of front wheels / Frant wheels       2 / 4         3.5.2       Number of front wheel gauge       b10       529 mm         3.6       Front wheel gauge       b11       380 mm         3.7       Rear wheel gauge       b11       380 mm         4.15       Fork height in low position       h13       85 mm         4.19       Overall length       1       1910 mm         4.20       Length to face of forks       12       761 mm         4.21       Overall width       b1       800 mm         4.22       Forks section / width / length       \$ / e / 1       60 mm / 185 mm / 1150 mm         4.24       Fork carriage width       b3       700 mm         4.24       Fork carriage width       b3       700 mm         4.23       Ground clearance at centre of wheelbase       m2       30 mm         4.34       Aisle Width for pallets 1000 x 1200 crossways       Ast       2286 mm         4.35       Turning radius       Wa       1476 mm
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Sear wheel gauge
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Performances
51 Travel speed (Jaden / upladen) 6 km/h / 6 km/h
5.2 Lifting speed (laden / unladen) 0.18 m/s / 0.30 m/s
5.3 Lowering speed (laden / unladen) 0.27 m/s / 0.22 m/s
5.8 Max Gradeability (laden / unladen) 7 % / 10 %
5.10 Service brake Electro magnetic
Engine
6.1 Drive motor rating \$2.60 min 1.50 kW
6.2 Lift motor rating at \$3 15%
6.3 Battery according to DIN 43531/35/36 A, B, C DIN 43535-B
6.4 Battery voltage / capacity 24 V / 250 Ah
6.5 Battery weight (+/- 5%) 220 kg
Miscellaneous
8.1 Type of drive control AC
8.4 Sound level at the driver's ear according to DIN 12 053 65 dB

## ES 614 - Dimensional drawing



## Characteristics of masts and residual capacities

Central Cylinder Simplex (CCS)		CCS 15	CCS 17
h1 - Mast lowered height	mm	1930	2180
h2 - Mast free lift	mm	1505	1755
h3 - Mast lifting height	mm	1505	1755
h4 - Mast extended height	mm	1944	2194
Residual capacity at max height	kg	1400	1400

Full Visibility Duplex (FVD)		FVD 29	FVD 34	FVD 38
h1 - Mast lowered height	mm	1930	2180	2380
h3 - Mast lifting height	mm	2935	3435	3835
h4 - Mast extended height	mm	3374	3874	4274
Residual capacity at max height	kg	1350	1100	900

Free Lift Duplex (FLD)		FLD 29	FLD 34
h1 - Mast lowered height	mm	1930	2180
h2 - Mast free lift	mm	1505	1755
h3 - Mast lifting height	mm	2930	3430
h4 - Mast extended height	mm	3369	3869
Residual capacity at max height	kg	1350	1100

Free Lift Triplex (FLT)		FLT 42	FLT 47	FLT 54
h1 - Mast lowered height	mm	1889	2049	2300
h2 - Mast free lift	mm	1465	1625	1875
h3 - Mast lifting height	mm	4245	4725	5455
h4 - Mast extended height	mm	4701	5181	5880
Residual capacity at max height	kg	700	550	500





## **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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