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
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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





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