Technical sheet:

ES 614





Technical characteristics	
1.2 Model Name	
1.3 Power source Electrical 1.4 Operator type Pedestrian 1.5 Max. capacity Q 1400 kg 1.6 Load center of gravity c 600 mm 1.8 Distance from Load backrest to center of rear axle x 687 mm 1.9 Wheelbase y 1252 mm	
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4.15 Fork height in low position h13 85 mm	
4.19 Overall length I1 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 s / e / l 60 mm / 185 mm / 1150 m	
4.24 Fork carriage width b3 700 mm	
4.32 Ground clearance at centre of wheelbase m2 30 mm	
4.33 Aisle Width for pallets 1000 x 1200 crossways Ast 2286 mm	
4.34 Aisle width for 800 x 1200 pallet lengthways Ast 2325 mm	
4.35 Tuming radius Wa 1476 mm	
4.9 Height tiller min. / max. h14 / h14 750 mm / 1250 mm	
Performances	
5.1 Travel speed (laden / unladen) 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 S3 15% 3 kW	
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



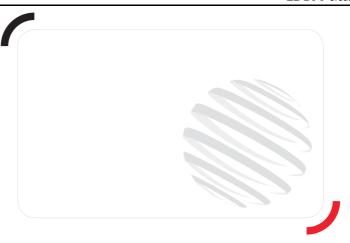
Characteristics of masts and residual capacities

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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