Technical sheet:

ES 616 LI





Technical characteristics			ESGIGLI	catca off iviay 2, 2024 at 7.20.11 Aivi c
1.3 Peres source		Technical characteristics		Metric
1.4	1.1	Manufacturer		Manitou
1.4	1.2	Model Name		ES 616 LI
1.5	1.3	Power source		Electrical
1.0	1.4	Operator type		Pedestrian
1.6 Load center of gravity x 600 mm 1.9 Wheelbase y 1402 mm 1.0 Wheelbase y 1402 mm 2.1 Service weight 2 1327 kg 2.2 Wought on front asize (Idden) / rear axize (Umladen) 2 1327 kg 2.3 Wought on front axize (Umladen) 2 1338 x/ 290 kg 3.3 Number of load wheels / Size of load wheels 2 8 Bandage 3.3 Number of load wheels / Size of the stabilizer wheels 2 1 Abux 60 3.4 Number of froit wheels / Size of the stabilizer wheels 2 2 / 1 Abux 60 3.4 Number of froit wheels / Size of the stabilizer wheels 2 2 / 2 / 4 3.5 Number of froit wheels / Size of the stabilizer wheels 3 2 / 2 / 4 3.5 Number of froit wheels / Size of the stabilizer wheels 3 2 / 2 / 4 3.5 Number of froit wheels / Size of the stabilizer wheels 3 3 1 1 2 20 7 mm 4.5 Fach keight in low position 1 1 3 3 mm 1 1 2 20 7 mm <td>1.5</td> <td>Max. capacity</td> <td>Q</td> <td>1600 kg</td>	1.5	Max. capacity	Q	1600 kg
1.9 Wheelbase Y 1497 mm Y 1497 m			c	¥
Neight Service weight 1227 kg 1226 kg / 1670 kg 1227 kg 1246 kg / 1670 kg 1227 kg 1246 kg / 1670 kg 1228 kg / 1670 kg	1.8	Distance from Load backrest to center of rear axle	X	848 mm
2	1.9	Wheelbase	٧	1492 mm
2		Weight		
	2.1			1327 kg
2.3 Weight on front axie (Uniaden) / rear axie (Uniaden) 1033 kg / 290 kg Vice is 1033 kg / 290 kg 3.3 Tires type 2 Bandage 3.3 Number of Isabilizer wheels / Size of load wheels 2 2 / 140x60 3.5 Number of Isabilizer wheels / Size of drive wheels 2 2 / 4 3.5.2 Number of front wheels / Size of drive wheels 5 2 / 4 3.5.2 Number of forth wheels / Size of drive wheels 10 527 mm 3.5.2 Number of forth wheels / Size of drive wheels 10 527 mm 3.7 Rear wheel gauge b10 529 mm 4.6 Initial lift h5 110 mm 4.15 Fork height in low position h13 8 mm 4.19 Oecall length 11 217 mm 4.20 Length to face of forks 12 975 mm 4.21 Fork seating width 5 / 4 60 mm / 185 mm / 190 mm 4.22 Fork camage width 5 / 4 60 mm / 185 mm / 190 mm 4.33 Asie width for 90 x 1200 pallet l	2.2	•		*
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3.1 Tires type Bandage 3.2 Number of Isabilizer wheels / Size of the stabilizer wheels 2 / 1 / 140x60 3.5 Number of front wheels / Fizer wheels 2 / 4 3.5 Number of front wheels / Fizer wheels 2 / 4 3.5 Number of front wheels / Fizer wheels 2 / 4 3.6 Front wheel gauge b10 529 mm 3.7 Rear wheel gauge b10 529 mm 4.6 Initial lift h5 110 mm 4.5 Fork height in low position h13 86 mm 4.19 Overall length 11 2174 mm 4.20 Length to face of forks 12 976 mm 4.21 Overall width b1 800 mm 4.22 Fork section / width / length b1 900 mm 4.24 Fork carriage width b3 700 m 4.24 Fork carriage width b3 700 m 4.24 Fork carriage width b3 700 m 4.24 Fork carriage width b3 6 km / b /				3 3
3.3 Number of load wheels / Size of load wheels 2 / 140x60 3.4 Number of fabilizer wheels / Size of the stabilizer wheels 1 / 140x60 3.5 Number of forth wheels / Fraz wheels 2 / 4 3.5.2 Front wheel gauge b 10 529 mm 3.6 Front wheel gauge b 11 380 mm 3.7 Rear wheel gauge b 11 380 mm 4.15 Fork height in low position h 13 86 mm 4.19 Overall length 11 2174 mm 4.19 Overall width 11 2174 mm 4.20 Length to face of forks 12 976 mm 4.21 Overall width 1 800 mm 4.22 Fork section / width length 5 / e / 60 mm / 188 mm / 190 mm 4.22 Fork carriage width 5 / e / 60 mm / 188 mm / 190 mm 4.32 Ground clearance at centre of wheelbase m2 30 mm 4.33 Asist width for a gauge width w3 700 m 4.34 Asist width for a gauge width w3 750	3.1			Bandage
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3.5.2 Number of front wheels / tear wheels 2 / 4 3.5.2 Number of drive wheels / Size of drive wheels 1 / 230x / 70 3.6 Front wheel gauge b10 529 mm 3.7 Rear wheel gauge b11 380 mm 4.6 Initial lift h5 110 mm 4.15 Fork height in low position h13 86 mm 4.19 Overall length l1 2174 mm 4.20 Length to face of forks l2 976 mm 4.21 Overall width b1 800 mm 4.22 Fork section / width / length b1 800 mm 4.22 Fork section / width / length b1 800 mm 4.22 Fork section / width / length b1 800 mm 4.22 Fork section / width / length b1 800 mm 4.22 Fork section / width / length b1 800 mm 4.23 Ground clearance at centre of wheelbase m2 30 mm 4.33 Alsie width for 800x 1 200 palle length ways Ast 22435 mm <				
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6.5 Battery weight (+/- 5%) 189 kg Miscellaneous 8.1 Type of drive control AC				
Miscellaneous 8.1 Type of drive control AC				
8.1 Type of drive control AC	0.0			107 kg
	8.1			A.C.
		7.		

ES 616 LI - Dimensional drawing



Characteristics of masts and residual capacities

Central Cylinder Simplex (CCS)		CCS 15	CCS 17
h1 - Mast lowered height	mm	1953	2203
h2 - Mast free lift	mm	1506	1756
h3 - Mast lifting height	mm	1506	1756
h4 - Mast extended height	mm	1960	2210
Residual capacity at max height	kg	1600	1600

Full Visibility Duplex (FVD)		FVD 29	FVD 34	FVD 38
h1 - Mast lowered height	mm	1953	2203	2403
h3 - Mast lifting height	mm	2936	3436	3836
h4 - Mast extended height	mm	3390	3890	4290
Residual capacity at max height	kg	1350	1100	850

Free Lift Duplex (FLD)		FLD 29	FLD 34
h1 - Mast lowered height	mm	1953	2203
h2 - Mast free lift	mm	1506	1756
h3 - Mast lifting height	mm	2931	3431
h4 - Mast extended height	mm	3385	3885
Residual capacity at max height	kg	1350	1100

Free Lift Triplex (FLT)		FLT 42	FLT 47	FLT 54
h1 - Mast lowered height	mm	1911	2071	2315
h2 - Mast free lift	mm	1466	1626	1880
h3 - Mast lifting height	mm	4246	4726	5460
h4 - Mast extended height	mm	4723	5203	5895
Residual capacity at max height	kg	670	500	450





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