

Technical sheet :

# **ES 614 LI 5P INOX PREMIUM**



 **MANITOU**  
HANDLING YOUR WORLD

Technical characteristics			Metric	
1.1	Manufacturer		Manitou	
1.2	Model Name		ES 614 LI 5P Inox Premium	
1.3	Power source		Electrical - Lead	
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	710 mm	
1.9	Wheelbase	y	1393 mm	
Weight				
2.1	Service weight		1310 kg	
2.2	Weight on front axle (laden) / rear axle (laden)		1035 kg / 1690 kg	
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		935 kg / 375 kg	
Wheels				
3.1	Tires type		Polyurethane cushion	
3.3	Number of load wheels / Size of load wheels		4 / 82x68	
3.4	Number of stabilizer wheels / Size of the stabilizer wheels		2 / 120x54	
3.5	Number of front wheels / rear wheels		3 / 4	
3.5.2	Number of drive wheels / Size of drive wheels		1/230x70	
3.6	Front wheel gauge	b10	558 mm	
3.7	Rear wheel gauge	b11	381 mm	
Dimensions				
4.15	Fork height in low position	h13	87 mm	
4.19	Overall length	l1	2044 mm	
4.20	Length to face of forks	l2	894 mm	
4.21	Overall width	b1	820 mm	
4.22	Forks section / width / length	s / e / l	70 mm / 185 mm / 1150 mm	
4.24	Fork carriage width	b3	700 mm	
4.32	Ground clearance at centre of wheelbase	m2	24 mm	
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	2481 mm	
4.35	Turning radius	Wa	1657 mm	
4.9	Height tiller min. / max.	h14 / h14	760 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 S2 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%)		213 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 LI 5P Inox Premium - Dimensional drawing



### Characteristics of masts and residual capacities

Central Cylinder Duplex (CCD)		CCD 29
h1 - Mast lowered height	mm	1950
h3 - Mast lifting height	mm	2850
h4 - Mast extended height	mm	3390
Residual capacity at max height	kg	1300



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