

Technical sheet :

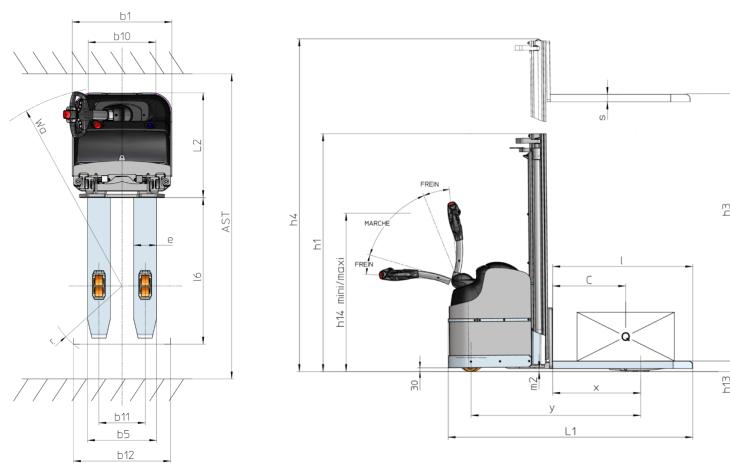
# **ES 614 LI 5P INOX**



 **MANITOU**  
HANDLING YOUR WORLD

Technical characteristics		Metric	
1.1	Manufacturer	Manitou	ES 614 LI 5P Inox
1.2	Model Name	Electrical - Lead	
1.3	Power source	Pedestrian	
1.4	Operator type	1400 kg	
1.5	Max. capacity	600 mm	
1.6	Load center of gravity	723 mm	
1.8	Distance from Load backrest to center of rear axle	1393 mm	
1.9	Wheelbase		
Weight			
2.1	Service weight	1300 kg	
2.2	Weight on front axle (laden) / rear axle (laden)	1025 kg / 1690 kg	
2.3	Weight on front axle (Unladen) / rear axle (Unladen)	925 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	558 mm	
3.7	Rear wheel gauge	381 mm	
Dimensions			
4.15	Fork height in low position	87 mm	
4.19	Overall length	2009 mm	
4.20	Length to face of forks	859 mm	
4.21	Overall width	820 mm	
4.22	Forks section / width / length	60 mm / 189 mm / 1150 mm	
4.24	Fork carriage width	700 mm	
4.32	Ground clearance at centre of wheelbase	24 mm	
4.34	Aisle width for 800 x 1200 pallet lengthways	2452 mm	
4.35	Turning radius	1637 mm	
4.9	Height tiller min. / max.	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 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 - 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

**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](http://www.manitou.com)

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