Technical sheet :

ES 614 LI 5P INOX PREMIUM

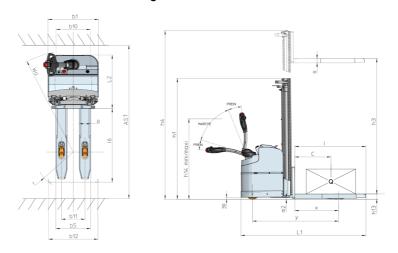




ES 614 LI 5P INOX PREMIUM Created on August 10, 2025 at 12:47 PM UTC

	Technical characteristics		Metric
1.1	Manufacturer		Manitou
1.2	Model Name		ES 614 LI 5P Inox Premium
1.3	Power source		Electrical
1.4	Operator type		Pedestrian
1.5		Q	1400 kg
	Max. capacity		
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	у	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
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	1	2044 mm
4.20	Length to face of forks	12	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
0.10	Engine		Liebtio magnetto
6.1	Drive motor rating S2 60 min		1.50 kW
6.2	-		3 kW
	Lift motor rating at S3 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%)		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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