Technical sheet :

ES 614 LI 5P INOX

MANITOU
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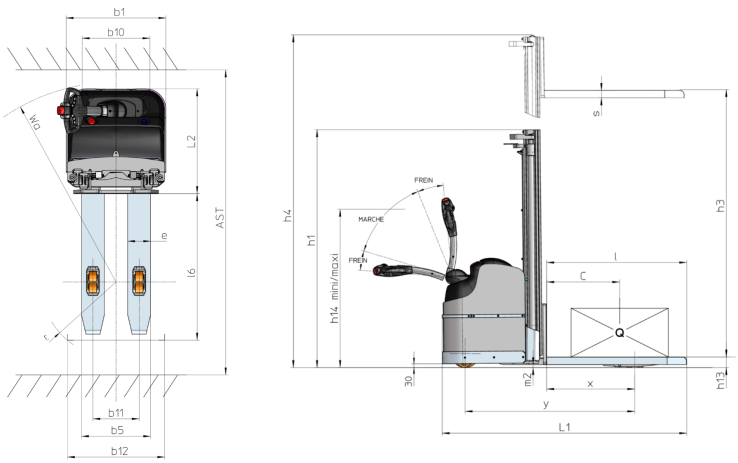
	Technical characteristics		Metric
1.1	Manufacturer		Manitou
1.2	Model Name		ES 614 LI 5P Inox
1.3	Power source		Electrical
1.4	Operator type		Pedestrian
1.5	Max. capacity	Q	1400 kg
1.6	Load center of gravity	c	600 mm
1.8	Distance from Load backrest to center of rear axle	x	723 mm
1.9	Wheelbase	y	1393 mm
	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		Bandage
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	2009 mm
4.20	Length to face of forks	l2	859 mm
4.21	Overall width	b1	820 mm
4.22	Forks section / width / length	s / e / l	60 mm / 189 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	2452 mm
4.35	Turning radius	Wa	1637 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 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

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