Technical sheet :



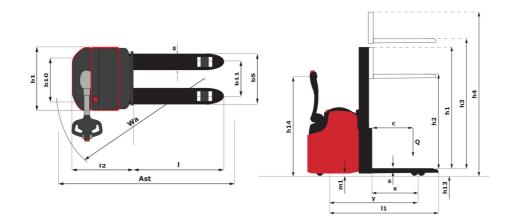




11	Technical characteristics Manufacturer
1.1	Manuracturer Model Name
	Model Name Power source
1.3	
1.4	Operator type
1.5	Max. capacity
1.6	Load center of gravity
1.8	Distance from Load backrest to center of rear axle
1.9	Wheelbase
	Weight
2.1	Service weight
2.2	Weight on front axle (laden) / rear axle (laden)
2.3	Weight on front axle (Unladen) / rear axle (Unladen)
	Wheels
3.1	Tires type
3.3	Number of load wheels / Size of load wheels
3.4	Number of stabilizer wheels / Size of the stabilizer wheels
3.5	Number of front wheels / rear wheels
3.5.2	Number of drive wheels / Size of drive wheels
3.6	Front wheel gauge
3.7	Rear wheel gauge
	Dimensions
4.6	Initial lift
4.15	Fork height in low position
4.19	Overall length
4.20	Length to face of forks
4.21	Overall width
4.22	Forks section / width / length
4.24	Fork carriage width
4.32	Ground clearance at centre of wheelbase
4.33	Aisle Width for pallets 1000 x 1200 crossways
4.34	Aisle width for 800 x 1200 pallet lengthways
4.35	Turning radius
4.9	Height tiller min. / max.
	Performances
5.1	Travel speed (laden / unladen)
5.2	Lifting speed (laden / unladen)
5.3	Lowering speed (laden / unladen)
5.8	Max Gradeability (laden / unladen)
5.10	Service brake
	Engine
6.1	Drive motor rating S2 60 min
6.2	Lift motor rating at \$3 15%
6.3	Battery according to DIN 43531/35/36 A, B, C
6.4	Battery voltage / capacity
6.5	Battery weight (+/- 5%)
	Miscellaneous
8.1	Type of drive control
8.4	Sound level at the driver's ear according to DIN 12 053

ES 614	
	Metric
	Manitou
	ES 614 LI
	Electrical
	Pedestrian
Q	1400 kg
c	600 mm
x	848 mm
	1492 mm
у	1472 11111
	1327 kg
	1219 kg / 1503 kg
	1033 kg / 290 kg
	1000 kg / 200 kg
	Bandage
	2 / 140x60
	1 / 140x60
	2/4
	1/230x70
b10	529 mm
b10	329 mm
DII	380 11111
h5	110 mm
h13 I1	86 mm 2174 mm
11	976 mm
12 b1	800 mm
s/e/l	60 mm / 185 mm / 1190 mm
b3	700 mm
m2	30 mm
Ast	2520 mm
	2435 mm
Ast Wa	2435 mm 1849 mm
wa h14 / h14	750 mm / 1250 mm
1114 / 1114	/30 1111 / 1230 1111
	4.50 km/h / 4.50 km/h
	0.18 m/s / 0.30 m/s
	0.17 m/s / 0.22 m/s
	7 % / 10 %
	Electro magnetic
	Electio magnetic
	1.50 kW
	3 kW
	3 KW DIN 43535-B
	24 V / 180 Ah
	189 kg
	40
	AC
	65 dB

ES 614 LI - Dimensional drawing



ES 614 LI Created on 25 April 2024 at 01:44:43 UTC

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	1400	1400

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	1300	1050	800

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	1300	1050

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	470	450



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



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