Technical sheet :

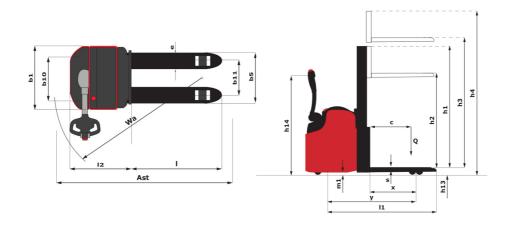




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6.2 Lift motor rating at S3 15%	
6.3 Battery according to DIN 43531/35/36 A, B, C	
6.4 Battery voltage / capacity	
6.5 Battery weight (+/- 5%)	
Miscellaneous	
8.1 Type of drive control	
8.4 Sound level at the driver's ear according to DIN 12 053	

ES 820 LI	Created on July 29, 2025 at 7:51 AM UTC
	Metric
	Manitou
	ES 820 LI
	Electrical
	Pedestrian
Q	2000 kg
Q	2000 kg
с	600 mm
x	716 mm
у	1509 mm
	1800 kg
	1360 kg / 2500 kg
	1250 kg / 550 kg
	Polyurethane
	4 / 82 x 68
	1
	2 / 120 x 50 3 / 4
	374 1/254x100
b10	664 mm
b10	375 mm
511	575 mm
h5	110 mm
h13	86 mm
11	2123 mm
12	973 mm
b1	890 mm
s / e / l	70 mm / 200 mm / 1150 mm
b3	700 mm
m1	20 mm
m2	21 mm
Ast	2572 mm
Ast	2531 mm
Wa	1719 mm
h14 / h14	900 mm / 1400 mm
	Char the Cohar th
	6 km/h / 6 km/h 0.11 m/s / 0.20 m/s
	0.21 m/s / 0.22 m/s
	6 % / 10 %
	Electro magnetic
	210010 mgnetto
	2 kW
	4 kW
	Traction
	24 V / 315 Ah
	273 kg
	DC
	65 dB

ES 820 LI - Dimensional drawing



Characteristics of masts and residual capacities

Central Cylinder Simplex (CCS)		CCS 15	CCS 17
h1 - Mast lowered height	mm	1955	2205
h2 - Mast free lift	mm	1510	1760
h3 - Mast lifting height	mm	1510	1760
h4 - Mast extended height	mm	1965	2215
Residual capacity at max height	kg	2000	2000

Full Visibility Duplex (FVD)		FVD 29	FVD 34
h1 - Mast lowered height	mm	1955	2205
h3 - Mast lifting height	mm	2940	3440
h4 - Mast extended height	mm	3400	3900
Residual capacity at max height	kg	1600	1300

Free Lift Duplex (FLD)		FLD 29	FLD 34
h1 - Mast lowered height	mm	2205	2205
h2 - Mast free lift	mm	1510	1760
h3 - Mast lifting height	mm	2935	3435
h4 - Mast extended height	mm	3895	3895
Residual capacity at max height	kg	1600	1300

Free Lift Triplex (FLT)		FLT 42	FLT 47	FLT 54
h1 - Mast lowered height	mm	1915	2075	2315
h2 - Mast free lift	mm	1470	1630	1880
h3 - Mast lifting height	mm	4250	4730	5460
h4 - Mast extended height	mm	4725	5205	5895
Residual capacity at max height	kg	750	550	450



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