Technical sheet :



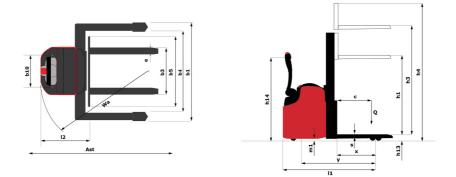




	Technical characteristics
.1	Manufacturer
.2	Model Name
3	Power source
	Operator type
	Max. capacity
	Load center of gravity
3	Distance from Load backrest to center of rear axle
9	Wheelbase
	Weight
1	Service weight
2	Weight on front axle (laden) / rear axle (laden)
3	Weight on front axle (Unladen) / rear axle (Unladen)
	Wheels
1	Tires type
3	Number of load wheels / Size of load wheels
4	Number of stabilizer wheels / Size of the stabilizer wheels
5	Number of front wheels / rear wheels
.2	Number of drive wheels / Size of drive wheels
6	Front wheel gauge
7	Rear wheel gauge
	Dimensions
5	Fork height in low position
9	Overall length
0	Length to face of forks
1	Overall width
2	Forks section / width / length
4	Fork carriage width
31	Ground clearance below mast
32	Ground clearance at centre of wheelbase
5	Turning radius
	Performances
1	Travel speed (laden / unladen)
2	Lifting speed (laden / unladen)
.3	Lowering speed (laden / unladen)
.8	Max Gradeability (laden / unladen)
10	Service brake
	Engine
	Drive motor rating S2 60 min
2	Lift motor rating at \$3 15%
4	Battery voltage / capacity
5	Battery weight (+/- 5%)
	Miscellaneous
1	Type of drive control
Ļ.	Sound level at the driver's ear according to DIN 12 053

ES 410 ET	- Created on August 12, 2025 at 8:03 PM UTC
	Metric
	Manitou
	ES 410 ET
	Electrical
	Pedestrian
Q	1000 kg
С	600 mm
x	720 mm
у	1245 mm
	070 hrs
	870 kg
	709 kg / 1161 kg 609 kg / 261 kg
	009 kg / 201 kg
	Polyurethane
	2 / 125x50
	1 / 125x50
	2/2
	1/230x70
b10	517 mm
b11	380 mm
h10	95 mm
h13 1	85 mm 1870 mm
12	720 mm
b1	800 mm
s/e/l	60 mm / 180 mm / 1150 mm
b3	680 mm
m1	35 mm
m2	20 mm
Wa	1400 mm
	5.80 km/h / 6 km/h
	0.24 m/s / 0.14 m/s
	0.20 m/s / 0.30 m/s
	8 % / 10 %
	Electro magnetic
	1.20 kW
	1.20 kW 3 kW
	3 KW 24 V / 160 Ah
	150 kg
	130 Ky
	AC
	65 dB

ES 410 ET - Dimensional drawing



Characteristics of masts and residual capacities

Central Cylinder Duplex (CCD)		CCD 26	CCD 29	CCD 34
h1 - Mast lowered height	mm	1780	1930	2180
h2 - Mast free lift	mm	140	140	140
h3 - Mast lifting height	mm	2630	2930	3430
h4 - Mast extended height	mm	3065	3365	3865
Residual capacity at max height	kg	1000	1000	900

Central Cylinder Simplex (CCS)		CCS 15	CCS 17
h1 - Mast lowered height	mm	1930	2180
h2 - Mast free lift	mm	1500	1750
h3 - Mast lifting height	mm	1500	1750
h4 - Mast extended height	mm	1930	2180
Residual capacity at max height	kg	1000	1000



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