Technical sheet :



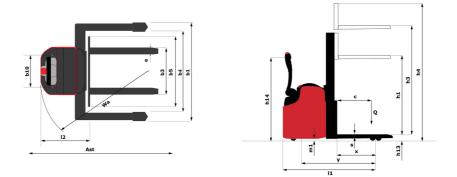




Technical characteristics
Manufacturer
Model Name
Power source
Operator type
Max. capacity
Load center of gravity
Distance from Load backrest to center of rear axle
Wheelbase
Weight
Service weight
Weight on front axle (laden) / rear axle (laden)
Weight on front axle (Unladen) / rear axle (Unladen)
Wheels
Tires type
Number of load wheels / Size of load wheels
Number of stabilizer wheels / Size of the stabilizer wheels
Number of front wheels / rear wheels
Number of drive wheels / Size of drive wheels
Front wheel gauge
Rear wheel gauge
Dimensions
Fork height in low position
Overall length
Length to face of forks
Overall width
Forks section / width / length
Fork carriage width
Ground clearance below mast
Ground clearance at centre of wheelbase
Turning radius
Performances
Travel speed (laden / unladen)
Lifting speed (laden / unladen)
Lowering speed (laden / unladen)
Max Gradeability (laden / unladen)
Service brake
Engine
Drive motor rating S2 60 min
Lift motor rating at S3 15%
Battery voltage / capacity
Battery weight (+/- 5%)
Miscellaneous
Type of drive control

ES 410 E	▪ Created on August 30, 2025 at 9:57 PM UTC
	Metric
	Manitou
	ES 410 ET
	Electrical - Lead
	Pedestrian
Q	1000 kg
С	600 mm
x	720 mm
у	1245 mm
	070 kg
	870 kg 709 kg / 1161 kg
	609 kg / 261 kg
	005 kg / 201 kg
	Polyurethane
	2 / 125x50
	1 / 125x50
	2 / 2
	1/230x70
b10	517 mm
b11	380 mm
h13	85 mm
1 2	1870 mm
12 b1	720 mm 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
	4.00.111
	1.20 kW 3 kW
	3 KW 24 V / 160 Ah
	24 V / 160 An 150 kg
	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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