Technical sheet :



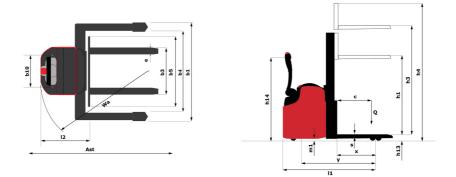




	Technical characteristics
	Manufacturer
	Model Name
	Power source
	Operator type
	Max. capacity
5	Load center of gravity
3	Distance from Load backrest to center of rear axle
9	Wheelbase
	Weight
1	Service weight
2	Weight on front axle (laden) / rear axle (laden)
3	Weight on front axle (Unladen) / rear axle (Unladen)
	Wheels
	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
5	Front wheel gauge
	Rear wheel gauge
	Dimensions
5	Fork height in low position
)	Overall length
)	Length to face of forks
1	Overall width
2	Forks section / width / length
Ļ	Fork carriage width
1	Ground clearance below mast
2	Ground clearance at centre of wheelbase
5	Turning radius
	Performances
I	Travel speed (laden / unladen)
	Lifting speed (laden / unladen)
3	Lowering speed (laden / unladen)
3	Max Gradeability (laden / unladen)
)	Service brake
	Engine
	Drive motor rating S2 60 min
	Lift motor rating at S3 15%
	Battery voltage / capacity
5	Battery weight (+/- 5%)
	Miscellaneous
1	Type of drive control
	Sound level at the driver's ear according to DIN 12 053

ES 410 ET	- Created on August 12, 2025 at 8:20 PM UTC
	Metric
	Manitou
	ES 410 ET
	Electrical
	Pedestrian
Q	1000 kg
С	600 mm
x	720 mm
у	1245 mm
	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
h13	85 mm
11	1870 mm
l2 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
	1.20 kW
	3 kW
	24 V / 160 Ah
	150 kg
	AC 65 dB
	03 08

## 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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