Technical sheet :







Technical characteristics         1.1       Manuf acturer         1.2       Model Name         1.3       Power source         1.4       Operator type         1.5       Max. capacity         1.6       Load center of gravity         1.8       Distance from Load backrest to center of rear axte         1.9       Wheelbase         2.1       Service weight         2.2       Weight on front axte ((laden) / rear axte ((laden)         2.3       Weight on front axte ((laden) / rear axte ((laden)         3.4       Number of load wheels / Size of load wheels         3.5       Number of foot wheels / Size of load wheels         3.6       Front wheel gauge         3.7       Rear wheel gauge         3.8       Number of foot wheels / Size of doad wheels         3.6       Front wheel gauge         3.7       Rear wheel gauge         3.8       Owerall widh         4.15       Fork sarriage width         4.22       Fork section / width / length         4.23       Ground clearance balt wast         4.24       Fork sarriage width         4.25       Ground clearance balt wast         4.26       Ground clearance balt wast				
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5.10     Service brake       Engine       6.1     Drive motor rating \$2 60 min       6.2     Lift motor rating at \$3 15%       6.4     Battery voltage / capacity       6.5     Battery weight (+/- 5%)       Miscellaneous       8.1     Type of drive control	5.3	Lowering speed (laden / unladen)		
Engine       6.1     Drive motor rating S2 60 min       6.2     Lift motor rating at S3 15%       6.4     Battery voltage / capacity       6.5     Battery weight (+/- 5%)       Miscellaneous       8.1     Type of drive control				
6.1     Drive motor rating S2 60 min       6.2     Lift motor rating at S3 15%       6.4     Battery voltage / capacity       6.5     Battery weight (+/- 5%)       Miscellaneous       8.1     Type of drive control	5.10	Service brake		
6.2       Lift motor rating at \$3 15%         6.4       Battery voltage / capacity         6.5       Battery weight (+/- 5%)         Miscellaneous       Miscellaneous         8.1       Type of drive control				
6.4     Battery voltage / capacity       6.5     Battery weight (+/- 5%)       Miscellaneous       8.1     Type of drive control		-		
6.5     Battery weight (+/- 5%)       Miscellaneous       8.1     Type of drive control				
Miscellaneous           8.1         Type of drive control				
8.1 Type of drive control	6.5			
8.4 Sound level at the driver's ear according to DIN 12 053				
	8.4	Sound level at the driver's ear according to DIN 12 053		

ES 410 ET	· Created on August 13, 2025 at 12:27 AM 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					
	Polyurethane					
	2 / 125x50					
	1 / 125x50					
	2 / 2					
	1/230x70					
b10	517 mm					
b11	380 mm					
h13	85 mm					
11	1870 mm					
12	720 mm					
b1	800 mm					
s / e / l	60 mm / 180 mm / 1150 mm					
1.0						

680 mm

35 mm

20 mm

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

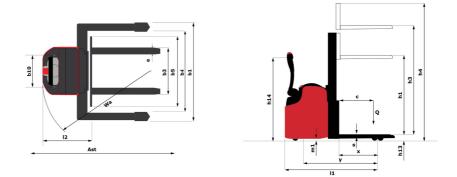
b3

m1

m2

Wa

## 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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