Technical sheet :



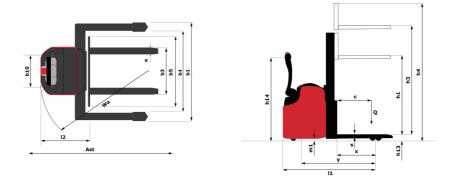




	Technical characteristics
.1	Manufacturer
.2	Model Name
3	Power source
4	Operator type
5	Max. capacity
5	Load center of gravity
	Distance from Load backrest to center of rear axle
	Wheelbase
	Weight
	Service weight
2	Weight on front axle (laden) / rear axle (laden)
3	Weight on front axle (Unladen) / 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
5.2	Number of drive wheels / Size of drive wheels
5	Front wheel gauge
.7	Rear wheel gauge
	Dimensions
5	Fork height in low position
9	Overall length
0	Length to face of forks
21	Overall width
22	Forks section / width / length
4	Fork carriage width
31	Ground clearance below mast
2	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)
0	Service brake
	Engine
1	Drive motor rating S2 60 min
2	Lift motor rating at S3 15%
4	Battery voltage / capacity
5	Battery weight (+/- 5%)
	Miscellaneous
.1	Type of drive control
4	Sound level at the driver's ear according to DIN 12 053

ES 410 ET	Created on April 30, 2024 at 2:32:40 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			
	Polyurethane			
	2 / 125x50			
	1 / 125x50			
	2/2			
b10	1/230x70 517 mm			
b10	380 mm			
bTT	300 mm			
h13	85 mm			
11	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			
	3 kW			
	24 V / 160 Ah			
	150 kg			
	AC			
	65 dB			
	0000			

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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