Technical sheet :



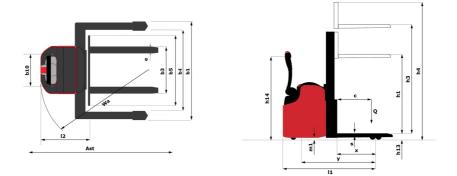




	Technical characteristics
1	Manufacturer
	Model Name
	Power source
	Operator type
5	Max. capacity
.6	Load center of gravity
.8	Distance from Load backrest to center of rear axle
.9	Wheelbase
	Weight
.1	Service weight
2.2	Weight on front axle (laden) / rear axle (laden)
2.3	Weight on front axle (Unladen) / rear axle (Unladen)
	Wheels
8.1	Tires type
3.3	Number of load wheels / Size of load wheels
3.4	Number of stabilizer wheels / Size of the stabilizer wheels
3.5	Number of front wheels / rear wheels
.5.2	Number of drive wheels / Size of drive wheels
8.6	Front wheel gauge
3.7	Rear wheel gauge
	Dimensions
15	Fork height in low position
19	Overall length
20	Length to face of forks
21	Overall width
22	Forks section / width / length
24	Fork carriage width
31	Ground clearance below mast
32	Ground clearance at centre of wheelbase
35	Turning radius
	Performances
5.1	Travel speed (laden / unladen)
5.2	Lifting speed (laden / unladen)
5.3	Lowering speed (laden / unladen)
5.8	Max Gradeability (laden / unladen)
.10	Service brake
	Engine
5.1	Drive motor rating \$2 60 min
5.2	Lift motor rating at S3 15%
5.4	Battery voltage / capacity
5.5	Battery weight (+/- 5%)
	Miscellaneous
3.1	Type of drive control
3.4	Sound level at the driver's ear according to DIN 12 053

ES 4 1	оет Created on 3 May 2024 at 11.04.19 UTC
	Metric
	Manitou
	ES 410 ET
	Electrical
	Pedestrian
Q	1000 kg
c	600 mm
x	720 mm
у	1245 mm
, in the second se	
	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
1	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

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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