Technical sheet :



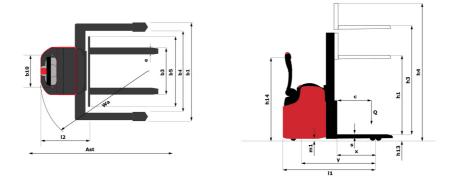




	Technical characteristics
1	Manufacturer
	Model Name
	Power source
	Operator type
	Max. capacity
	Load center of gravity
	Distance from Load backrest to center of rear axle
	Wheelbase
	Weight
	Service weight
	Weight on front axle (laden) / rear axle (laden)
	Weight on front axle (Unladen) / rear axle (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
3.7	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
	Tuming 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
	Sound level at the driver's ear according to DIN 12 053

ES 410 ET	Created on May 2, 2024 at 8:30:35 PM UTC
	Metric
	Manitou
	ES 410 ET
	Electrical
	Pedestrian
Q	1000 kg
С	600 mm 720 mm
X	1245 mm
у	1243 11111
	870 kg
	709 kg / 1161 kg
	609 kg / 261 kg
	Polyurethane
	2 / 125x50
	1 / 125x50
	2/2
h10	1/230x70
b10 b11	517 mm 380 mm
DIT	360 1111
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

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



Head Office B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes