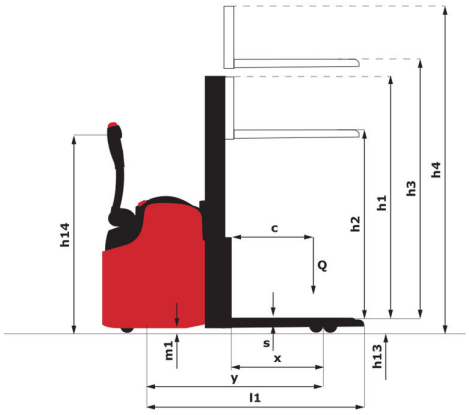
Technical sheet :

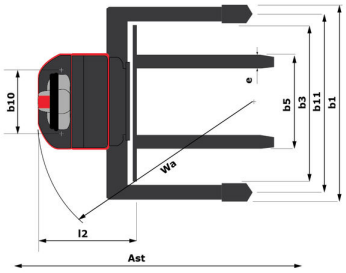
ES 730

MANITOU
HANDLING YOUR WORLD

	Technical characteristics		Metric
1.1	Manufacturer		MANITOU
1.2	Model Name		ES 730
1.3	Power source		Battery
1.4	Operator type		Pedestrian
1.5	Max. capacity	Q	3000 kg
1.6	Load centre of gravity	c	600 mm
1.8	Load distance, centre of drive axle to fork (low/raised) - Low position	x	655 mm
1.9	Wheelbase	y	1104 mm
	Weight		
2.1	Service weight		1695 kg
	Wheels		
3.1	Tyres type		Polyurethane
3.5.2	Number of drive wheels		1
3.5	Number of front wheels / rear wheels		3 / 4
3.6	Front wheel gauge	b10	878 mm
3.7	Rear wheel gauge	b11	370 mm
	Dimensions		
4.9	Height tiller up min. / max.	h14 / h14	1030 mm / 1490 mm
4.15	Fork height in low position	h13	90 mm
4.19	Overall length	l1	1920 mm
4.20	Length to face of forks	l2	771 mm
4.21	Overall width	b1	1080 mm
4.22	Forks section / width / length	s / e / l	80 mm / 210 mm / 1150 mm
4.31	Ground clearance below mast	m1	19 mm
4.33	Aisle Width for pallets 1000 x 1200 crossways	Ast	2487 mm
4.35	Turning radius	Wa	1595 mm
	Performances		
5.1	Travel speed (laden / unladen)		6 km/h / 6 km/h
5.10	Service brake		Electro magnetic
	Engine		
6.1	Drive motor rating S2 60 min		2 kW
6.2	Lift motor rating at S3 15%		4 kW
6.3	Battery according to DIN 43531/35/36 A, B, C		DIN 43535-B
6.4	Battery / Batteries capacity		24 V / 315 Ah
	Miscellaneous		
8.1	Type of drive control		Variator
8.4	Sound level at the driver's ear according to DIN 12 053		70 dB(A)

Dimensional drawing





Characteristics of masts and residual capacities

Central Cylinder Simplex		CCS 15	CCS 17
h3 - Mast lifting height *	mm	1500	1700
h2 - Mast free lift *	mm	1420	1670
h1 - Mast height lowered	mm	1945	2195
h4 - Mast height extended	mm	1965	2215

Full Visibility Duplex		FVD 27	FVD 29	FVD 34	FVD 38
h3 - Mast lifting height *	mm	2700	2900	3400	3800
h2 - Mast free lift *	mm	77			
h1 - Mast height lowered	mm	1900	1945	2195	2395
h4 - Mast height extended	mm	3240	3400	3900	4300
Residual capacity at max height	kg	3000			
Height at max capacity	mm	2760			

Free Lift Duplex		FLD 29	FLD 34
h3 - Mast lifting height *	mm	2900	3400
h2 - Mast free lift *	mm	1420	1670
h1 - Mast height lowered	mm	1945	2195
h4 - Mast height extended	mm	3400	3900

Free Lift Triplex		FLT 42	FLT 47	FLT 54
h3 - Mast lifting height *	mm	4200	4700	5400
h2 - Mast free lift *	mm	1380	1540	1790
h1 - Mast height lowered	mm	1900	2065	2305
h4 - Mast height extended	mm	4720	5200	5930

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