

Technical sheet :

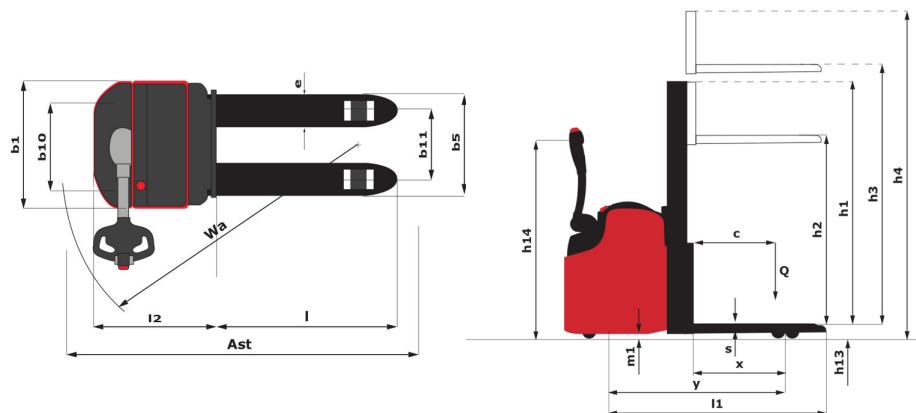
ES 730



 **MANITOU**
HANDLING YOUR WORLD

Technical characteristics		Metric	
1.1	Manufacturer	MANITOU	
1.2	Model Name	ES 730	
1.3	Power source	Electrical - Lead	
1.4	Operator type	Pedestrian	
1.5	Max. capacity	3000 kg	
1.6	Load center of gravity	600 mm	
1.8	Load distance, centre of drive axle to fork (low/raised) - Low position	655 mm	
1.9	Wheelbase	1104 mm	
Weight		Weight	
2.1	Service weight	1695 kg	
Wheels		Wheels	
3.1	Tires type	Polyurethane cushion	
3.4	Number of castor wheels	2	
3.5	Size of the stabilizer wheels	254 x 50	
3.6	Number of front wheels / rear wheels	3 / 4	
3.7	Number of drive wheels / Size of drive wheels	1/254 x 100	
3.8	Front wheel gauge	878 mm	
3.9	Rear wheel gauge	370 mm	
Dimensions		Dimensions	
4.15	Fork height in low position	90 mm	
4.19	Overall length	1920 mm	
4.20	Length to face of forks	771 mm	
4.21	Overall width	1080 mm	
4.22	Forks section / width / length	80 mm / 210 mm / 1150 mm	
4.31	Ground clearance below mast	19 mm	
4.33	Aisle Width for pallets 1000 x 1200 crossways	2390 mm	
4.34	Aisle Width for pallets 800 x 1200 crossways	2345 mm	
4.35	Turning radius	1468 mm	
4.9	Height tiller min. / max.	1030 mm / 1490 mm	
Performances		Performances	
5.1	Travel speed (laden / unladen)	6 km/h / 6 km/h	
5.2	Lifting speed (laden / unladen)	0.11 m/s / 0.20 m/s	
5.3	Lowering speed (laden / unladen)	0.22 m/s / 0.21 m/s	
5.8	Max Gradeability (laden / unladen)	5 % / 8 %	
5.10	Service brake	Electro magnetic	
Engine		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 voltage / capacity	24 V / 250 Ah	
Miscellaneous		Miscellaneous	
8.1	Type of drive control	AC	
8.4	Sound level at the driver's ear according to DIN 12 053	70 dB	

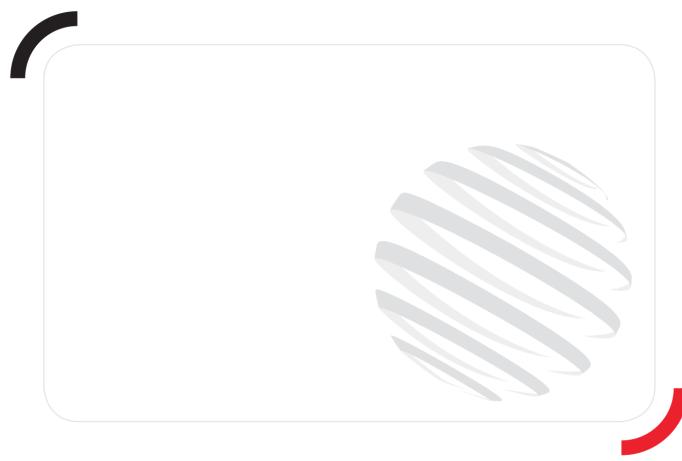
ES 730 - Dimensional drawing



Characteristics of masts and residual capacities

Visibilité totale Simplex (FVS)		FVS 14
h1 - Mast lowered height	mm	1930
h2 - Mast free lift	mm	1490
h3 - Mast lifting height	mm	1490
h4 - Mast extended height	mm	1930
Residual capacity at max height	kg	3000
Height at max capacity	mm	1490

Full Visibility Duplex (FVD)		FVD 27
h1 - Mast lowered height	mm	1900
h2 - Mast free lift	mm	77
h3 - Mast lifting height	mm	2700
h4 - Mast extended height	mm	3240
Residual capacity at max height	kg	3000
Height at max capacity	mm	2760



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