

Technical sheet :

# ES 730



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	Q	3000 kg
1.6	Load center 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
<b>Weight</b>			
2.1	Service weight		1695 kg
<b>Wheels</b>			
3.1	Tires type		Polyurethane cushion
3.4	Number of castor wheels		2
3.4	Size of the stabilizer wheels		254 x 50
3.5	Number of front wheels / rear wheels		3 / 4
3.5.2	Number of drive wheels / Size of drive wheels		1/254 x 100
3.6	Front wheel gauge	b10	878 mm
3.7	Rear wheel gauge	b11	370 mm
<b>Dimensions</b>			
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	2390 mm
4.34	Aisle Width for pallets 800 x 1200 crossways	Ast	2345 mm
4.35	Turning radius	Wa	1468 mm
4.9	Height tiller min. / max.	h14	1030 mm / 1490 mm
<b>Performances</b>			
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
<b>Engine</b>			
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
<b>Miscellaneous</b>			
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	1905
h2 - Mast free lift	mm	1380
h3 - Mast lifting height	mm	1400
h4 - Mast extended height	mm	1950
Residual capacity at max height	kg	3000
Height at max capacity	mm	1470

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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