

Technical sheet :

ES 725



Technical characteristics			Metric	
1.1	Manufacturer			Manitou
1.2	Model Name			ES 725
1.3	Power source			Electrical - Lead
1.4	Operator type			Pedestrian
1.5	Max. capacity	Q		2500 kg
1.6	Load center of gravity	c		600 mm
1.8	Distance from Load backrest to center of rear axle	x		655 mm
1.9	Wheelbase	y		1104 mm
Weight				
2.1	Service weight			1675 kg
Wheels				
3.1	Tires type			Polyurethane cushion
3.3	Number of load wheels / Size of load wheels			4 / 125 x 50
3.4	Number of castor wheels			1
3.4	Number of stabilizer wheels / Size of the stabilizer wheels			2 / 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
Dimensions				
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		90 mm / 190 mm / 1150 mm
4.24	Fork carriage width	b3		800 mm
4.31	Ground clearance below mast	m1		22 mm
4.32	Ground clearance at centre of wheelbase	m2		22 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		2487 mm
4.35	Turning radius	Wa		1468 mm
4.9	Height tiller min. / max.	h14		1030 mm / 1490 mm
Performances				
5.1	Travel speed (laden / unladen)			6 km/h / 6 km/h
5.2	Lifting speed (laden / unladen)			0.08 m/s / 0.15 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				
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
6.5	Battery weight (+/- 5%)			276 kg
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 725 - 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	2500
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	2500
Height at max capacity	mm	2760

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