Technical sheet:

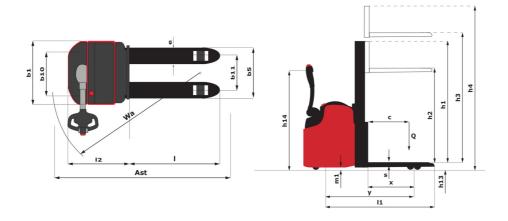
ES 725





Technical Characteristics			ES 725 U	eated off August 2, 2025 at 4.55 AM O
1.2 Model Name		Technical characteristics		Metric
1.1	1.1	Manufacturer		Manitou
1.5 Max. capacity pe	1.2	Model Name		ES 725
1.5	1.3	Power source		Electrical
1.6 Load center of gravity C 600 mm 1.8 Distance from Load backrest to center of rear axie x 655 mm 1.9 Wheelbase y 11104 mm 2.1 Senrice weight	1.4	Operator type		Pedestrian
1.8	1.5	Max. capacity	Q	2500 kg
1.9 Wheelbase y 1104 mm Weight	1.6	Load center of gravity	С	600 mm
Neight Service weight 1675 kg 1675 kg	1.8	Distance from Load backrest to center of rear axle	X	655 mm
2.1 Service weight Wheels Wheels Polywerthane	1.9	Wheelbase	у	1104 mm
Number of load wheels / Size of load wheels Size of the stabilizer wheels 1 1 1 1 1 1 1 1 1		Weight		
3.1 Tires type	2.1	Service weight		1675 kg
3.3 Number of load wheels / Size of load wheels 4 / 125 x 50 3.4 Number of sativ 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 Unimensions Length to face of forks 11 1920 mm 4.15 Fork height in low position h13 90 mm 4.20 Length to face of forks 12 771 mm 4.21 Overall length b1 1880 mm 4.22 Fork section / width / length s / e / l 90 mm / 190 mm / 1150 mm 4.24 Fork carriage width b3 800 mm 4.24 Fork carriage width <td< td=""><td></td><td>Wheels</td><td></td><td></td></td<>		Wheels		
Number of castor wheels 1 2 / 254 x 50	3.1	Tires type		Polyurethane
3.4 Number of stabilizer wheels / Size of the stabilizer wheels 2 / 254 x 50 3.5 Number of front wheels / Frant 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 Unimensions 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 1088 mm 4.22 Forks section / width / length s / e/1 90 mm / 190 mm / 1150 mm 4.24 Fork carriage width b3 800 mm 4.31 Ground clearance blow 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 200 crossways Ast 2487 mm	3.3	Number of load wheels / Size of load wheels		4 / 125 x 50
3.5 Number of front wheels / rear wheels 3 / 4 1,7254 x 100 1,7254 x 100 3.78 mm 3.6 Front wheel gauge b10 8.78 mm b11 370 mm b12 370 mm b13 90 mm b14 370 mm b14 370 mm b14 370 mm b14 370 mm b15 370 mm b15 370 mm b16 370 mm b17 370 mm b18 370 mm b19 370 mm b19	3.4	Number of castor wheels		1
3.5 Number of front wheels / rear wheels 3 / 4 1,7254 x 100 1,7254 x 100 3.78 mm 3.6 Front wheel gauge b10 8.78 mm b11 370 mm b12 370 mm b13 90 mm b14 370 mm b14 370 mm b14 370 mm b14 370 mm b15 370 mm b15 370 mm b16 370 mm b17 370 mm b18 370 mm b19 370 mm b19	3.4	Number of stabilizer wheels / Size of the stabilizer wheels		2 / 254 x 50
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				
Second				
Sear wheel gauge			b10	
Dimensions				
4.15 Fork height in low position h13 90 mm 4.19 Overall length 11 1920 mm 4.20 Length to face of forks 12 771 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 A isle Width for pallets 1000 x 1200 crossways Ast 2390 mm 4.34 A isle Width for pallets 800 x 1200 crossways Ast 2487 mm 4.35 Tuming radius Wa 1468 mm 4.9 Height tiller min. / max. h14 / h14 1030 mm / 1490 mm 5.1 Tavel speed (laden / unladen) 6 km/h / 6 km/h 5.2 Liffing speed (laden / unladen) 0.08 m/s / 0.15 m/s 5.3 Lowering speed (laden / unladen) 5 % / 8 % 5.10 Senice brake Electro magnetic Engine Electro magnetic				
1.19 Overall length 11 1920 mm 4.20 Length to face of forks 12 771 mm 4.21 Overall width b1 1080 mm 4.22 Forks section / width / length 5 / e / 1 90 mm / 190 mm / 1150 mm 4.24 Fork carriage width b3 800 mm 4.24 Fork carriage width b3 800 mm 4.25 Ground clearance below mast m1 22 mm 4.26 Ground clearance at centre of wheelbase m2 22 mm 4.27 Ground clearance at centre of wheelbase m2 22 mm 4.28 Ground clearance at centre of wheelbase m2 22 mm 4.30 Alsie Width for pallets 1000 x 1200 crossways Ast 2390 mm 4.34 Alsie Width for pallets 800 x 1200 crossways Ast 2487 mm 4.35 Turning radius Wa 1468 mm 4.36 Height tiller min. / max. h14 / h14 1030 mm / 1490 mm Ferformances	4 15		h13	90 mm
Length to face of forks 12 771 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 Tuming radius Wa 1468 mm 4.9 Height tiller min / max. h14 / h14 1030 mm / 1490 mm Forfomances				
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A 22				
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 Tuming radius Wa 1468 mm 4.9 Height tiller min. / max. h14 / h14 1030 mm / 1490 mm Performances 5.1 Travel speed (laden / unladen) 6 km/h / 6 km/h 6 km/h / 6 km/h 5.2 Lifting speed (laden / unladen) 0.08 m/s / 0.15 m/s 5.3 5.3 Lowering speed (laden / unladen) 5 % / 8 % 5.10 service brake Electro magnetic Engine 6.1 Drive motor rating \$2.60 min 2 kW 6.2 Lift motor rating at \$3.15% 4 kW 6.3 Battery according to DIN 43531/35/36 A, B, C DIN 43535-B				
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 Tuming radius Wa 1468 mm 4.9 Height tiller min. / max. h14 / 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				
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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 \$2 60 min 2 kW 6.2 Lift motor rating at \$3 15% 4 kW 6.3 Battery according to DIN 43531/35/36 A, B, C DIN 43535-B				
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 \$2 60 min 2 kW 6.2 Lift motor rating at \$3 15% 4 kW 6.3 Battery according to DIN 43531/35/36 A, B, C DIN 43535-B	5.1			6 km/h / 6 km/h
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 \$2 60 min 2 kW 6.2 Lift motor rating at \$3 15% 4 kW 6.3 Battery according to DIN 43531/35/36 A, B, C DIN 43535-B		, ,		
5.8 Max Gradeability (laden / unladen) 5 % / 8 % 5.10 Service brake Electro magnetic Engine 6.1 Drive motor rating \$2 60 min 2 kW 6.2 Lift motor rating at \$3 15% 4 kW 6.3 Battery according to DIN 43531/35/36 A, B, C DIN 43535-B				
5.10 Service brake Electro magnetic Engine Electro magnetic 6.1 Drive motor rating \$2 60 min 2 kW 6.2 Lift motor rating at \$3 15% 4 kW 6.3 Battery according to DIN 43531/35/36 A, B, C DIN 43535-B				
Engine Company 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				
6.1 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				
6.2 Lift motor rating at S3 15% 4 kW 6.3 Battery according to DIN 43531/35/36 A, B, C DIN 43535-B	6.1	· ·		2 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	6.4	Battery voltage / capacity		24 V / 250 Ah
6.5 Battery weight (+/- 5%) 276 kg				
Miscellaneous 270 kg	3.0			
8.1 Type of drive control AC	8.1			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	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	2500
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	2500
Height at max capacity	mm	2760





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