Technical sheet :



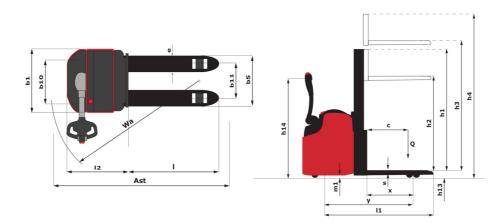




	Technical characteristics	
1.1	Manufacturer	
1.2	Model Name	
1.3	Power source	
1.4	Operator type	
1.5	Max. capacity	Q
1.6	Load center of gravity	c
1.8	Distance from Load backrest to center of rear axle	x
1.9	Wheelbase	у
	Weight	
2.1	Service weight	
	Wheels	
3.1	Tires type	
3.3	Number of load wheels / Size of load wheels	
3.4	Number of castor wheels	
3.4	Number of stabilizer wheels / Size of the stabilizer wheels	
3.5	Number of front wheels / rear wheels	
3.5.2	Number of drive wheels / Size of drive wheels	
3.6	Front wheel gauge	b10
3.7	Rear wheel gauge	b10
3.7	Dimensions	511
4.15	Fork height in low position	h13
4.19	Overall length	11
4.20	Length to face of forks	12
4.20	Overall width	b1
4.22	Forks section / width / length	s/e/
4.22	Fork carriage width	b3
4.24	Ground clearance below mast	m1
4.31	Ground clearance at centre of wheelbase	m2
4.32	Tuming radius	Wa
4.33	Height tiller min. / max.	h14 / h
4.9	Performances	111471
5.1	Travel speed (laden / unladen)	
5.2	Lifting speed (laden / unladen)	
5.3	Lowering speed (laden / unladen)	
5.8	Max Gradeability (laden / unladen)	
5.10	Service brake	
5.10	Engine	
6.1	Drive motor rating S2 60 min	
6.2	Lift motor rating at \$3 15%	
6.3	Battery according to DIN 43531/35/36 A, B, C	
6.4	Battery voltage / capacity	
6.5		
0.0	Battery weight (+/- 5%) Miscellaneous	
8.1	Type of drive control	
8.4		
0.4	Sound level at the driver's ear according to DIN 12 053	

Metric Manitou ES 725 Electrical Pedestrian Q 2500 kg 600 mm x 655 mm y 1156 mm 200 kg 1280 kg 1280 kg 2/ 78x78 1 2/ 150x50 2 / 4 1/320x110 b10 844 mm b11 370 mm 1 13 90 mm 11 1915 mm 12 765 mm b1 974 mm s / e / 1 70 mm / 210 mm / 1150 mm b3 840 mm m1 30 mm wa 414 / h14 900 mm / 1400 mm 114 / h14 900 mm / 1400 mm 4.90 km/h / 6 km/h 0.15 m/s / 0.11 m/s 4.90 km/h / 6	ES 72	Screated on May 2, 2024 at 2:53:16 AM UTC
ES 725 Pedestrian Q C 600 mm x 655 mm y 1156 mm y 1280 kg Polyurethane 2 / 78x78 1 2 / 150x50 2 / 4 1/320x110 b10 844 mm b11 370 mm 11 1915 mm 12 765 mm b1 974 mm s / e / I 70 mm / 210 mm / 1150 mm b3 840 mm m1 30 mm wa 1472 mm h14 / h14 900 km/h / 6 km/h 0.08 m/s / 0.15 m/s 0.15 m/s / 0.11 m/s 4 % / 7 % Electro magnetic 1.20 kW 3 kW Traction 24 V / 189 Ah 190 kg		Metric
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c 600 mm x 655 mm y 1156 mm Polyurethane 2 / 78x78 1 280 kg Polyurethane 2 / 78x78 1 1 2 / 150x50 2 / 4 1/320x110 b10 844 mm b11 370 mm b1 974 mm b1 974 mm 12 765 mm b1 974 mm 5 / e / 1 70 mm / 210 mm / 1150 mm b3 840 mm m1 30 mm m2 30 mm m2 30 mm Wa 1472 mm h14 / h14 900 mm / 1400 mm 4 4.90 km/h / 6 km/h 0.08 m/s / 0.15 m/s 0.15 m/s / 0.11 m/s 4 % / 7 % Electro magnetic 1.20 kW 3 kW Traction 14 / 190 kg 190 kg		Pedestrian
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Polyurethane 2 / 78x78 1 2 / 150x50 2 / 4 1/320x110 b10 844 mm b11 370 mm 11 1915 mm 12 765 mm b1 974 mm s / e / I 70 mm / 210 mm / 1150 mm b3 840 mm m1 30 mm m2 30 mm m4 900 mm / 1400 mm 14 / h14 900 mm / 1400 mm 4.90 km/h / 6 km/h 0.08 m/s / 0.15 m/s 0.15 m/s / 0.11 m/s 4 % / 7 % Electro magnetic 1.20 kW 3 kW 120 kg 190 kg	у	1156 mm
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2 / 4 1/320x110 b10 844 mm b11 370 mm 11 370 mm 11 1915 mm 12 765 mm b1 974 mm s / e / I 70 mm / 210 mm / 1150 mm b3 840 mm m1 30 mm m2 30 mm Wa 1472 mm h14 / h14 900 mm / 1400 mm Max 0.15 m/s 0.08 m/s / 0.15 m/s 0.15 m/s 0.15 m/s / 0.11 m/s 4 % / 7 % Electro magnetic 1.20 kW 3 kW 3 kW 1 190 kg 100 kg 190 kg		1
1/320x110 b10 844 mm b11 370 mm h13 90 mm l1 1915 mm l2 765 mm b1 974 mm s / e / l 70 mm / 210 mm / 1150 mm b3 840 mm m1 30 mm m2 30 mm Wa 1472 mm h14 / h14 900 mm / 1400 mm Mathematical 0.08 m/s / 0.15 m/s 0.08 m/s / 0.15 m/s 0.15 m/s 0.15 m/s / 0.11 m/s 4 % / 7 % Electro magnetic 3 kW 1.20 kW 3 kW 1.20 kW 3 kW D0 5 kW D1 190 kg D1 DC		2 / 150x50
b10 844 mm b11 370 mm h13 90 mm l1 1915 mm l2 765 mm b1 974 mm s / e / l 70 mm / 210 mm / 1150 mm b3 840 mm m1 30 nm m2 30 mm Wa 1472 mm h14 / h14 900 mm / 1400 mm Mathematical 0.08 m/s / 0.15 m/s 0.08 m/s / 0.15 m/s 0.15 m/s 0.15 m/s / 0.11 m/s 4 % / 7 % Electro magnetic 3 kW 1.20 kW 3 kW 1.20 kW 3 kW DC DC		2 / 4
b11 370 mm h13 90 mm l1 1915 mm l2 765 mm b1 974 mm s / e / l 70 mm / 210 mm / 1150 mm b3 840 mm m1 30 mm m2 30 mm Wa 1472 mm h14 / h14 900 mm / 1400 mm Main 0.08 m/s / 0.15 m/s 0.15 m/s / 0.11 m/s 4 % / 7 % Electro magnetic 3 kW 1.20 kW 3 kW 1.20 kW 190 kg J1.20 kg DC		1/320x110
h13 90 mm h13 90 mm l1 1915 mm l2 765 mm b1 974 mm s / e / l 70 mm / 210 mm / 1150 mm b3 840 mm m1 30 mm m2 30 mm Wa 1472 mm h14 / h14 900 mm / 1400 mm 0.08 m/s / 0.15 m/s 0.15 m/s / 0.11 m/s 4 % / 7 % Electro magnetic 3 kW 1.20 kW 3 kW 1.20 kW 190 kg J1.20 kg DC	b10	844 mm
11 1915 mm 12 765 mm b1 974 mm s / e / I 70 mm / 210 mm / 1150 mm b3 840 mm m1 30 mm m2 30 mm Wa 1472 mm h14 / h14 900 mm / 1400 mm	b11	370 mm
11 1915 mm 12 765 mm b1 974 mm s / e / I 70 mm / 210 mm / 1150 mm b3 840 mm m1 30 mm m2 30 mm Wa 1472 mm h14 / h14 900 mm / 1400 mm		
12 765 mm b1 974 mm s / e / l 70 mm / 210 mm / 1150 mm b3 840 mm m1 30 mm m2 30 mm Wa 1472 mm h14 / h14 900 mm / 1400 mm G 6.08 m/s / 0.15 m/s 0.015 m/s / 0.11 m/s 0.15 m/s G 6.15 m/s / 0.11 m/s Lectro magnetic 3 kW Traction 24 V / 189 Ah 190 kg 190 kg	h13	90 mm
b1 974 mm s / e / I 70 mm / 210 mm / 1150 mm b3 840 mm m1 30 mm m2 30 mm Wa 1472 mm h14 / h14 900 mm / 1400 mm 4.90 km/h / 6 km/h 0.08 m/s / 0.15 m/s 0.15 m/s 0.15 m/s / 0.11 m/s 4 % / 7 % Electro magnetic 1.20 kW 3 kW 3 kW Traction 24 V / 189 Ah 190 kg DC	1	1915 mm
s / e / l 70 mm / 210 mm / 1150 mm b3 840 mm m1 30 mm m2 30 mm Wa 1472 mm h14 / h14 900 mm / 1400 mm 4.90 km/h / 6 km/h 0.08 m/s / 0.15 m/s 0.15 m/s 0.15 m/s / 0.11 m/s 4 % / 7 % Electro magnetic 1.20 kW 3 kW 3 kW 120 kW 3 kW DC DC	12	765 mm
b3 840 mm m1 30 mm m2 30 mm Wa 1472 mm h14 / h14 900 mm / 1400 mm 4.90 km/h / 6 km/h 0.08 m/s / 0.15 m/s 0.15 m/s 0.15 m/s / 0.11 m/s 4 % / 7 % Electro magnetic 1.20 kW 3 kW 3 kW 124 V / 189 Ah 190 kg 190 kg DC	b1	974 mm
m1 30 mm m2 30 mm Wa 1472 mm h14 / h14 900 mm / 1400 mm H14 / h14 / h14 900 mm / 1400 mm H14 / h14 / h14 900 mm / 120 mm H14 / h14 / h14 900 mm / 120 mm H14 / h14 / h14	s / e / l	70 mm / 210 mm / 1150 mm
m2 30 mm Wa 1472 mm h14 / h14 900 mm / 1400 mm H15 / main 4 % / 7 % H15 / main 120 kW H15 / main 3 kW H15 / main 24 V / 189 Ah H190 kg 190 kg	b3	840 mm
Wa 1472 mm h14 / h14 900 mm / 1400 mm H14 / h14 900 km / 15 m/s H14 / h14 900 km / 1 m/s H14 / h14 900 km / 1 m/s H15 / h14 120 kW H15 / h14 120 kW H15 / h14 120 kW H15 / h14 190 kg H190 kg 190 kg	m1	30 mm
h14 / h14 900 mm / 1400 mm 4.90 km/h / 6 km/h 0.08 m/s / 0.15 m/s 0.15 m/s / 0.11 m/s 4 % / 7 % Electro magnetic 1.20 kW 3 kW Traction 24 V / 189 Ah 190 kg DC	m2	
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0.08 m/s / 0.15 m/s 0.15 m/s / 0.11 m/s 4 % / 7 % Electro magnetic 1.20 kW 3 kW Traction 24 V / 189 Ah 190 kg DC	h14 / h14	900 mm / 1400 mm
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0.15 m/s / 0.11 m/s 4 % / 7 % Electro magnetic 1.20 kW 3 kW Traction 24 V / 189 Ah 190 kg DC		
4 % / 7 % Electro magnetic 1.20 kW 3 kW Traction 24 V / 189 Ah 190 kg DC		
Electro magnetic Electro magnetic 1.20 kW 3 kW Traction 24 V / 189 Ah 190 kg DC		
1.20 kW 3 kW Traction 24 V / 189 Ah 190 kg DC		
3 kW Traction 24 V/ 189 Ah 190 kg DC		Electro magnetic
3 kW Traction 24 V/ 189 Ah 190 kg DC		
Traction 24 V/ 189 Ah 190 kg DC		
24 V / 189 Ah 190 kg DC		
190 kg DC		
DC		
		190 kg
65 dB		
		65 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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