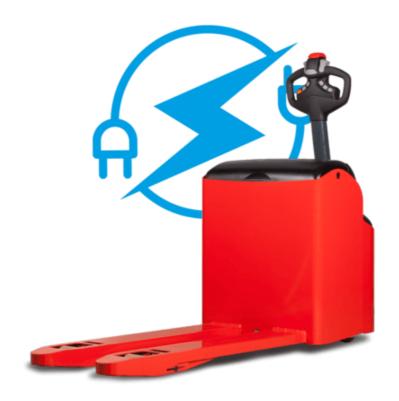
Technical sheet:

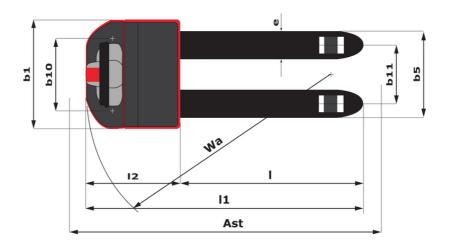
EP 18





Technical characteristics			EP18 ∪	realed on August 1, 2025 at 6.09 PM OTC
12		Technical characteristics		Metric
1.1.4 Operator type	1.1	Manufacturer		Manitou
1.4 Departator type	1.2	Model Name		EP 18
1.5	1.3	Power source		Electrical
1.6	1.4	Operator type		Pedestrian
1.8 Load distance, center of drive axie to fork	1.5	Max. capacity	Q	1800 kg
Wheelbase	1.6	Load center of gravity	С	600 mm
Wheelbase	1.8	Load distance, centre of drive axle to fork	X	953 mm
Neight Service weight 480 kg	1.9		٧	1372 mm
Service weight				
2.2 Weight on front aske (laden) / rear aske (laden) 33 k g / 144 kg	2.1			480 ka
Neight of front axie (Unladen) / rear axie (Unladen)		•		•
Wheels				
Semant S		2 , , , , ,		555 Hg , 1 1 1 Hg
3.2 Dimensions of front wheels 230 x 75	3.1			Randage
3.3 Dimensions of rear wheels 2 x (82 x 100) 3.5.2 Number of drive wheels / front wheels / front wheels / front wheels / front wheels / gauge bil 0 435 mm 3.7 Rear wheel gauge bil 0 435 mm 3.7 Rear wheel gauge bil 1 366 mm 4.15 Fork helph in low position bil 1 368 mm 4.19 Overall length bil 1 1739 mm 4.20 Length to face of forks 12 589 mm 4.21 Overall width - Single wheels bil 680 mm 4.22 Overall width - Single wheels bil 680 mm 4.23 Fork section / width / length s / e / l 45 mm x 175 mm x 1150 mm 4.25 Forks section / width / length s / e / l 45 mm x 175 mm x 1150 mm 4.25 Forks spead bil 680 mm 4.26 Forks spead bil 680 mm 4.27 Forks spead bil 680 mm 4.28 Forks spead bil 680 mm 4.29 Ground clearance at centre of wheelbase m2 35 mm 4.30 Ground clearance at centre of wheelbase m2 35 mm 4.31 Aisle width for 800 x 1200 pallet lengthways Ast 1939 mm 4.34 Aisle width for 800 x 1200 pallet lengthways Ast 1939 mm 4.35 Turning radius hil 1336 mm 4.4 Mast lifting height hil 1336 mm 5.1 Tarvel speed (laden / unladen) 5.80 km/h / 6 km/h 5.2 Lifting speed (laden / unladen) 5.80 km/h / 6 km/h 5.3 Lowering speed (laden / unladen) 0.03 m/s / 0.03 m/s 5.1 Gradeability (laden / unladen) 0.04 m/s / 0.02 m/s 5.1 Parking brake Electro magnetic 5.10 Service brake Electro magnetic 5.11 Electro magnetic 6.1 Drive motor rating st 25 0 min 1.20 kW 6.2 Lift motor rating st 25 15% Tarceton 6.4 Battery vallage / capacity 180 kg 6.5 Battery workpaicy (-25%) 180 kg				
3.5.2 Number of drive wheels / front wheels / Front wheels / Front wheels 1 / 2 / 2				
3.6 Front wheel gauge				
Sear wheel gauge Bill 366 mm Sear wheel gauge Bill 366 mm Sear wheel gauge Bill Sear with sear wit			b10	
Dimensions				
A.15 Fork height in low position h13 B5 mm A.19 Overall length 11 1739 mm A.20 Length to face of forks 12 589 mm A.21 Overall width - Single wheels b1 680 mm A.21 Overall width b1 680 mm A.22 Forks section / width / length s / e / 1 45 mm x 175 mm x 1150 mm A.22 Forks spread b5 540 mm A.23 Ground clearance at centre of wheelbase m2 35 mm A.34 Alsle width for 800 x 1200 pallet lengthways Ast 1939 mm A.35 Tuming radius Wa 1544 mm A.44 Mast lifting height h3 125 mm A.9 Height tiller max. h14 1336 mm Performances	3.7		DII	300 11111
11 1739 mm 1739 mm 1739 mm 12 589 mm 1420 Length to face of forks 12 589 mm 1421 Overall width - Single wheels b1 680 mm 1421 Overall width - Single wheels b1 680 mm 1422 Forks section / width / length 5 / e / l 45 mm x 175 mm x 1150 mm 1425 Forks spread b5 540 mm 1425 Forks spread 5 540 mm 1425 Forks spread 670 mod clearance at centre of wheelbase m2 35 mm 1434 Aisle width for 800 x 1200 pallet lengthways Ast 1939 mm 1435 Turning radius Wa 1544 mm 1435 Turning radius Wa 1544 mm 1435 Mast lifting height h3 125 mm 1449 Height tiller max. h14 1336 mm 145 mm 14	A 15		h12	95 mm
4.20 Length to face of forks 12 589 mm 4.21 Overall width - Single wheels b1 680 mm 4.22 Forks section / width / length s / e / 1 45 mm x 175 mm x 1150 mm 4.25 Forks spread b5 540 mm 4.26 Forks spread caracterate of wheelbase m2 35 mm 4.32 Ground clearance at centre of wheelbase m2 35 mm 4.34 Aisle width for 800 x 1200 pallet lengthways Ast 1939 mm 4.35 Turning radius Wa 1544 mm 4.4 Mast lifting height h3 125 mm 4.9 Height tiller max. h14 1336 mm Performances		-		
A21 Overall width - Single wheels b1 680 mm A21 Overall width		·		
4.21 Overall width				
4.22 Forks section / width / length s / e / l 45 mm x 175 mm x 1150 mm 4.25 Forks spread b5 540 mm 4.32 Ground clearance at centre of wheelbase m2 35 mm 4.34 Als le width for 800 x 1200 pallet lengthways Ast 1939 mm 4.35 Turning radius Wa 1544 mm 4.4 Mast lifting height h3 125 mm 4.9 Height tiller max. h14 1336 mm Performances 5.1 Travel speed (laden / unladen) 5.80 km/h / 6 km/h 5.2 Lifting speed (laden / unladen) 0.03 m/s / 0.03 m/s 5.3 Lowering speed (laden / unladen) 0.04 m/s / 0.02 m/s 5.7 Gradeability (laden / unladen) 0.04 m/s / 0.02 m/s 5.10 Service brake Electro magnetic 5.11 Parking brake Handle Release 6.1 Drive motor rating \$2.60 min 1.20 kW 6.2 Lift motor rating at \$3.15% 1 kW 6.3 Battery according to DIN 43531/35/36 A, B, C Traction 6.4 Battery weight (+/- 5%) 180 kg		-		
4.25 Forks spread 55 540 mm 4.32 Ground clearance at centre of wheelbase m2 35 mm 4.34 Aisle width for 800 x 1200 pallet lengthways Ast 1939 mm 4.35 Turning radius Wa 1544 mm 4.4 Mast lifting height hi3 125 mm 4.9 Height tiller max. hi4 1336 mm Performances				
4.32 Ground clearance at centre of wheelbase m2 35 mm 4.34 Aisle width for 800 x 1200 pallet lengthways Ast 1939 mm 4.35 Turning radius Wa 1544 mm 4.4 Mast lifting height h3 125 mm 4.9 Height tiller max. h14 1336 mm Performances 5.1 Travel speed (laden / unladen) 5.80 km/h / 6 km/h 5.2 Lifting speed (laden / unladen) 0.03 m/s / 0.03 m/s 5.3 Lowering speed (laden / unladen) 0.04 m/s / 0.02 m/s 5.7 Gradeability (laden / unladen) 10 % / 25 % 5.10 Service brake Electro magnetic 5.11 Parking brake Handle Release Engine 1 kW 6.1 Drive motor rating \$2.60 min 1.20 kW 6.2 Lift motor rating at \$3.15% 1 kW 6.3 Battery voltage / capacity 24 V / 180 Ah 6.4 Battery weight (+/- 5%) 180 kg Miscellaneous				
4.34 Aisle width for 800 x 1200 pallet lengthways Ast 1939 mm 4.35 Tuming radius Wa 1544 mm 4.4 Mast lifting height h3 125 mm 4.9 Height tiller max. h14 1336 mm Performances 5.1 Travel speed (laden / unladen) 5.80 km/h / 6 km/h 5.2 Lifting speed (laden / unladen) 0.03 m/s / 0.03 m/s 5.3 Lowering speed (laden / unladen) 0.04 m/s / 0.02 m/s 5.7 Gradeability (laden / unladen) 0.04 m/s / 0.02 m/s 5.10 Service brake Electro magnetic 5.11 Parking brake Handle Release Engine 1.20 kW 6.1 Drive motor rating \$2.60 min 1.20 kW 6.2 Lift motor rating \$2.50 min 1.20 kW 6.2 Lift motor rating at \$3.15% Traction 6.4 Battery voltage / capacity 24 V / 180 Ah 6.5 Battery weight (+/- 5%) 180 kg Miscellaneous		•		
4.35 Tuming radius Wa 1544 mm 4.4 Mast lifting height h3 125 mm 4.9 Height tiller max. h14 1336 mm Performances 5.1 Travel speed (laden / unladen) 5.80 km/h / 6 km/h 5.2 Lifting speed (laden / unladen) 0.03 m/s / 0.03 m/s 5.3 Lowering speed (laden / unladen) 0.04 m/s / 0.02 m/s 5.7 Gradeability (laden / unladen) 0.04 m/s / 0.02 m/s 5.10 Service brake Electro magnetic 5.11 Parking brake Handle Release Engine 1.20 kW 6.1 Drive motor rating \$2.60 min 1.20 kW 6.2 Lift motor rating at \$3.15% 1 kW 6.3 Battery according to DIN 43531/35/36 A, B, C Traction 6.4 Battery voltage / capacity 24 V/ 180 Ah 6.5 Battery weight (+/- 5%) 180 kg Miscellaneous				
4.4 Mast lifting height h3 125 mm 4.9 Height tiller max. h14 1336 mm Performances 5.1 Travel speed (laden / unladen) 5.80 km/h / 6 km/h 5.2 Lifting speed (laden / unladen) 0.03 m/s / 0.03 m/s 5.3 Lowering speed (laden / unladen) 0.04 m/s / 0.02 m/s 5.7 Gradeability (laden / unladen) 10 % / 25 % 5.10 Service brake Electro magnetic 5.11 Parking brake Handle Release Engine 6.1 Drive motor rating \$2.60 min 1.20 kW 6.2 Lift motor rating at \$3.15% 1 kW 6.3 Battery according to DIN 43531/35/36 A, B, C Traction 6.4 Battery weight (+/- 5%) 24 V / 180 Ah 6.5 Battery weight (+/- 5%) 180 kg				
Height tiller max.		•		
Performances 5.1 Travel speed (laden / unladen) 5.80 km/h / 6 km/h 5.2 Lifting speed (laden / unladen) 0.03 m/s / 0.03 m/s 5.3 Lowering speed (laden / unladen) 0.04 m/s / 0.02 m/s 5.7 Gradeability (laden / unladen) 10 % / 25 % 5.10 Service brake Electro magnetic 5.11 Parking brake Handle Release Engine 1.20 kW 6.1 Drive motor rating \$2 60 min 1.20 kW 6.2 Lift motor rating at \$3 15% 1 kW 6.3 Battery according to DIN 43531/35/36 A, B, C Traction 6.4 Battery voltage / capacity 24 V / 180 Ah 6.5 Battery weight (+/- 5%) 180 kg Miscellaneous 180 kg				
5.1 Travel speed (laden / unladen) 5.80 km/h / 6 km/h 5.2 Lifting speed (laden / unladen) 0.03 m/s / 0.03 m/s 5.3 Lowering speed (laden / unladen) 0.04 m/s / 0.02 m/s 5.7 Gradeability (laden / unladen) 10 % / 25 % 5.10 Service brake Electro magnetic 5.11 Parking brake Handle Release Engine 6.1 Drive motor rating \$2 60 min 1.20 kW 6.2 Lift motor rating at \$3 15% 1 kW 6.3 Battery according to DIN 43531/35/36 A, B, C Traction 6.4 Battery voltage / capacity 24 V / 180 Ah 6.5 Battery weight (+/- 5%) 180 kg Miscellaneous	4.9		h14	1336 mm
5.2 Lifting speed (laden / unladen) 0.03 m/s / 0.03 m/s 5.3 Lowering speed (laden / unladen) 0.04 m/s / 0.02 m/s 5.7 Gradeability (laden / unladen) 10 % / 25 % 5.10 Service brake Electro magnetic 5.11 Parking brake Handle Release Engine 6.1 Drive motor rating \$2 60 min 1.20 kW 6.2 Lift motor rating at \$3 15% 1 kW 6.3 Battery according to DIN 43531/35/36 A, B, C Traction 6.4 Battery voltage / capacity 24 V / 180 Ah 6.5 Battery weight (+/- 5%) 180 kg Miscellaneous				
5.3 Lowering speed (laden / unladen) 0.04 m/s / 0.02 m/s 5.7 Gradeability (laden / unladen) 10 % / 25 % 5.10 Service brake Electro magnetic 5.11 Parking brake Handle Release Engine 6.1 Drive motor rating \$2 60 min 1.20 kW 6.2 Lift motor rating at \$3 15% 1 kW 6.3 Battery according to DIN 43531/35/36 A, B, C Traction 6.4 Battery voltage / capacity 24 V / 180 Ah 6.5 Battery weight (+/- 5%) 180 kg Miscellaneous		, ,		
5.7 Gradeability (laden / unladen) 10 % / 25 % 5.10 Service brake Electro magnetic 5.11 Parking brake Handle Release Engine 6.1 Drive motor rating S2 60 min 1.20 kW 6.2 Lift motor rating at S3 15% 1 kW 6.3 Battery according to DIN 43531/35/36 A, B, C Traction 6.4 Battery voltage / capacity 24 V / 180 Ah 6.5 Battery weight (+/- 5%) 180 kg Miscellaneous Miscellaneous				
5.10 Service brake Electro magnetic 5.11 Parking brake Handle Release Engine 6.1 Drive motor rating S2 60 min 1.20 kW 6.2 Lift motor rating at S3 15% 1 kW 6.3 Battery according to DIN 43531/35/36 A, B, C Traction 6.4 Battery voltage / capacity 24 V / 180 Ah 6.5 Battery weight (+/- 5%) 180 kg Miscellaneous Miscellaneous		- , ,		
5.11 Parking brake Handle Release Engine Colspan="2">Colspan="2"		Gradeability (laden / unladen)		10 % / 25 %
Engine Company 6.1 Drive motor rating \$2 60 min 1.20 kW 6.2 Lift motor rating at \$3 15% 1 kW 6.3 Battery according to DIN 43531/35/36 A, B, C Traction 6.4 Battery voltage / capacity 24 V / 180 Ah 6.5 Battery weight (+/- 5%) 180 kg Miscellaneous 180 kg		Service brake		Electro magnetic
6.1 Drive motor rating \$2 60 min 1.20 kW 6.2 Lift motor rating at \$3 15% 1 kW 6.3 Battery according to DIN 43531/35/36 A, B, C Traction 6.4 Battery voltage / capacity 24 V / 180 Ah 6.5 Battery weight (+/- 5%) 180 kg Miscellaneous	5.11	Parking brake		Handle Release
6.2 Lift motor rating at \$3 15% 1 kW 6.3 Battery according to DIN 43531/35/36 A, B, C Traction 6.4 Battery voltage / capacity 24 V / 180 Ah 6.5 Battery weight (+/- 5%) 180 kg Miscellaneous		Engine		
6.3 Battery according to DIN 43531/35/36 A, B, C Traction 6.4 Battery voltage / capacity 24 V / 180 Ah 6.5 Battery weight (+/- 5%) 180 kg Miscellaneous	6.1	Drive motor rating S2 60 min		1.20 kW
6.4 Battery voltage / capacity 24 V / 180 Ah 6.5 Battery weight (+/- 5%) 180 kg Miscellaneous	6.2	Lift motor rating at S3 15%		1 kW
6.5 Battery weight (+/- 5%) Miscellaneous	6.3	Battery according to DIN 43531/35/36 A, B, C		Traction
Miscellaneous	6.4	Battery voltage / capacity		24 V / 180 Ah
	6.5	Battery weight (+/- 5%)		180 kg
8.1 Type of drive control		Miscellaneous		
1, pe of diffe solition	8.1	Type of drive control		AC
8.4 Measured/guaranteed mean noise level at the ear of the operator < 70 dB	8.4	Measured/guaranteed mean noise level at the ear of the operator		< 70 dB

EP 18 - Dimensional drawing







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