



HPL151

1.5T Semi-electric pallet truck

- Strong and robust chassis.
- Now with proportional drive controll.
- Perfect integration of Li-Ion Battery - Plug & Play.



Product parameters

Distinguishing mark				
1.1	Manufacturer			EP
1.2	Model designation			HPL151
1.3	Drive unit			Battery
1.4	Operator type			Walkie
1.5	rated capacity	Q	kg	1500
1.6	Load center distance	c	mm	600
1.8	Load distance	x	mm	883/946
1.9	Wheelbase	y	mm	1105/1168
Weight				
2.1	Service weight (include battery)		kg	120
2.2	Axle loading, laden driving side/loading side		kg	523/1097
2.3	Axle loading, unladen driving side/loading side		kg	77/43
Types,Chassis				
3.1	Tyre type driving wheels/loading wheels			PU/PU
3.2	Tyre size, driving wheels (diameter*width)		mm	Φ210x70
3.3	Tyre size, loading wheels (diameter*width)		mm	2x Φ78x60 (Φ78x88)
3.4	Tyre size, caster wheels (diameter*width)		mm	/
3.5	Wheels, number driving, caster/loading (x=drive wheels)		mm	1x /4 (1x /2)
3.6	Track width, front,driving side	b ₁₀	mm	/
3.7	Track width,rear,loading side	b ₁₁	mm	390
Dimensions				
4.4	Lift height	h ₃	mm	115
4.9	Height drawbar in driving position min./max.	h ₁₄	mm	715/1170
4.15	Lowered height	h ₁₃	mm	80
4.19	Overall length	l ₁	mm	1550
4.20	Length to face of forks	l ₂	mm	400
4.21	Overall width	b ₁ / b ₂	mm	548
4.22	Fork dimensions	s/ e/ l	mm	50/150/1150
4.25	Outside width of the forks	b ₅	mm	540
4.32	Ground clearance, center of wheelbase	m ₂	mm	30
4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast	mm	1612
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	1812
4.35	Turning radius	Wa	mm	1358
Performance data				
5.1	Travel speed, laden/ unladen	km/ h	km/h	3.5/4
5.2	Lifting speed, laden/ unladen		m/ s	10mm/s
5.3	Lowering speed, laden/ unladen		m/ s	Manual lowering
5.8	Max. gradeability, laden/unladen			5/10
5.10	Service brake type			Electromagnetic
Electric-engine				
6.1	Drive motor rating S2 60 min		kW	0.65
6.2	Lift motor rating at S3 15%		kW	Manual lifting
6.3	The maximum allowed size battery		mm	92*84*298
6.5	Battery weight		kg	5.1
	Standard battery pack capacity		V/AH	24V/20AH
	Chemical Material			LFP
	Charger		V/A	24V/10A
Addition data				
8.1	Type of drive control			DC
10.5	Steering type			Mechanical
10.7	Sound pressure level at the driver's ear			74