



# 12LPT

## Lithium Semi-Electric Pallet Truck 1.2t

Setting new standards in entry level pallet trucks



### Benefits:

- Shortest semi-electric truck in the market
- Plug & Play Li-Ion Battery
- Optimised for usage in retail application
- Same footprint as a manual hand pallet truck





## Plug & Play Battery

The 12LPT comes in Standard with a 20Ah Li-Ion Plug & Play Battery (optional 26Ah). The battery can be charged at a wall mounted charger or in transit when used in the transport industry.



## Electric Lifting + Driving, Manual Lowering

Simple operation is a key factor for acceptance in the workforce. The 12LPT is a semi-electric pallet truck with proportional drive control as well as electric lifting for the best ergonomics you can ask for. Lowering is achieved by a manual handle to ensure safe and controllable application.



Distinguishing Mark				
1.2	Model designation			12LPT
1.3	Drive unit			Electrics
1.4	Operator type			Pedestrian
1.5	Rated capacity	Q	kg	1200
1.6	Load center distance	c	mm	600
1.8	Load distance	x	mm	950(880)
1.9	Wheelbase	y	mm	1190(1120)
<b>Weight</b>				
2.1	Service weight ( include battery )		kg	130
2.2	Axle loading, laden driving side/loading side		kg	420/910
2.3	Axle loading, unladen driving side/loading side		kg	110/20
<b>Types, Chassis</b>				
3.1	Tyre type, driving wheels / loading wheels			Polyurethane
3.2	Tyre size, driving wheels (diametre x width)		mm	Φ210x70
3.3	Tyre size, loading wheels (diametre x width)		mm	Φ80x60( Φ74x88)
3.4	Wheels, number driving, caster/loading (x=drive wheels)		mm	1x/4(1x/2)
<b>Dimensions</b>				
4.4	Lift height	$h_3$	mm	115
4.9	Height drawbar in driving position min./max.	$h_{14}$	mm	750/1190
4.15	Lowered height	$h_{13}$	mm	80
4.19	Overall length	$l_1$	mm	1540
4.20	Length to face of forks	$l_2$	mm	390
4.21	Overall width	$b_1/b_2$	mm	560
4.22	Fork dimensions	$s/ e/ l$	mm	53x150x1150
4.25	Distance between fork-arms	$b_5$	mm	540
4.32	Ground clearance, center of wheelbase	$m_2$	mm	27
4.34.1	Aisle width for pallets 1000 x 1200 crossways	Ast	mm	1640
4.34.2	Aisle width for pallets 800 x 1200 lengthways	Ast	mm	1840
4.35	Turning radius	Wa	mm	1390
<b>Performance data</b>				
5.1	Travel speed, laden/ unladen	km/h	km/h	4/4.5
5.2	Lifting speed, laden/ unladen		m/ s	0.022/0.025
5.3	Lowering speed, laden/ unladen		m/ s	0.034/0.023
5.8	Max. gradeability, laden/unladen		%	4/10
5.10	Service brake type			Electric
<b>Electric-engine</b>				
6.1	Drive motor rating S2 60min		kW	0.65
6.2	Battery voltage/nominal capacity K5		kW	24V/20Ah (Lithium Ion)
6.3	The maximum allowed size battery		mm	Li 175*124*407
6.4	Battery voltage/nominal capacity K20		V/Ah	2x12/65Ah
6.5	Battery weight		kg	5.1
<b>Additional data</b>				
8.1	Type of drive control			DC
10.5	Steering type			Mechanical
10.7	Sound pressure level at the driver's ear		dB(A)	74



Hyundai Tower, Level 1, 394 Lane Cove Road,  
 Macquarie Park NSW 2113  
 Phone: 1300 760 030  
[info@hyundai-materialhandling.com.au](mailto:info@hyundai-materialhandling.com.au)  
[www.hyundai-materialhandling.com.au](http://www.hyundai-materialhandling.com.au)