



20LPT

Lithium Pallet Truck 2.0t

Shortest footprint 2t pallet truck on the market!



Shortest 2t pallet truck on the market

- Shortest truck in the market with 423mm length
- Plug & Play components like: Li-Ion Battery, Controller, Tiller head for lower TCO
- High power due to 48V brushless DC motor





Plug & Play Battery

To ensure maximum run-time, allowing simple charging and battery change-out, the 20LPT is equipped with a 48V Li-Ion Plug & Play battery. Due to the 48V technology, the truck can cope with ramps and urban challenges at ease. The lightweight (10Kg) battery can be exchanged within seconds and recharged in 2.5 hours. No gas, No maintenance, Long runtime.



Low Service Costs

To ensure low cost in service, repair and maintenance, the 20LPT was designed with simple service in mind. The controller of the 20LPT is Plug & Play and can be exchanged without the need for a service technician. Simple, fast and cheaper!



External Charging Station

To allow the user to work with two or more batteries and opportunity charge the battery during shifts, the 20LPT comes standard with an external charger. The Plug & Play Battery can be placed into the charging socket within seconds and charged during travel to the next destination if needed.



Electric Level Pallet Truck

Distinguishing Mark				
1.2	Model designation			20LPT
1.3	Drive unit			Electrics
1.4	Operator type			Pedestrian
1.5	Rated capacity	Q	kg	2000
1.6	Load center distance	c	mm	600
1.8	Load distance	x	mm	1000
1.9	Wheelbase	y	mm	1268
Weight				
2.1	Service weight (include battery)		kg	250
2.2	Axle loading, laden driving side/loading side		kg	685/1565
2.3	Axle loading, unladen driving side/loading side		kg	185/65
Types, Chassis				
3.1	Tyre type, driving wheels / loading wheels			Polyurethane
3.2	Tyre size, driving wheels (diametre x width)		mm	Φ250×102
3.3	Tyre size, loading wheels (diametre x width)		mm	2×Φ82×85/ Φ82×115
3.4	Tyre size, caster wheels (diametre x width)		mm	Φ74×48
3.5	Wheels, number driving, caster/loading (x=drive wheels)		mm	1× +2/4 / 1× +2/2
3.6	Track width, front, driving side	b ₁₀	mm	441
3.7	Track width, rear, loading side	b ₁₁	mm	370 / 515
Dimensions				
4.4	Lift height	h ₃	mm	140
4.9	Height drawbar in driving position min./max.	h ₁₄	mm	716 / 1240
4.15	Lowered height	h ₁₃	mm	82.5
4.19	Overall length	l ₁	mm	1592
4.20	Length to face of forks	l ₂	mm	423
4.21	Overall width	b ₁ /b ₂	mm	645 / 625
4.22	Fork dimensions	s/ e/ l	mm	55×170×1170
4.25	Distance between fork-arms	b ₅	mm	540 / 685
4.32	Ground clearance, center of wheelbase	m ₂	mm	27
4.34.1	Aisle width for pallets 1000 x 1200 crossways	Ast	mm	1850
4.34.2	Aisle width for pallets 800 x 1200 lengthways	Ast	mm	2050
4.35	Turning radius	Wa	mm	1428
Performance data				
5.1	Travel speed, laden/ unladen	km/h	km/h	5 / 5.5
5.2	Lifting speed, laden/ unladen		m/ s	0.028 / 0.04
5.3	Lowering speed, laden/ unladen		m/ s	0.04 / 0.022
5.8	Max. gradeability, laden/unladen		%	8 / 16
5.10	Service brake type			Electromagnetic
Electric-engine				
6.1	Drive motor rating S2 60min		kW	0.75
6.2	Battery voltage/nominal capacity K5		kW	48/30 (Li-ion)
6.3	The maximum allowed size battery		mm	245×160×380

1. The parameters in the table are of the standard model. For more information, please contact us.

2. The parameters are subject to change without notice.



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