

ZPL201

LI-ION SEATED PALLET TRUCK 2000KG

 2000 kg  120 mm  48 V Li-Ion



The ZPL201 is the ideal solution for high-throughput and long-distance transport in medium and large-scale facilities, thanks to the 8km/h travel speed and the optional 2400mm forks. It excels in environments like large warehouses, distribution centers, cross-docking terminals, and manufacturing plants. This Li-Ion workhorse can be equipped battery up to 48V - 205Ah, fast external chargers USB interface and an A4 or A3 paper folder, convenient for daily material handling.

SPECIFICATION	REF	UNIT	VALUE
Manufacturer			EP
Model designation			ZPL201
Battery voltage		V	48
Rated capacity	Q	kg	2000
Load centre distance	c	mm	600
Service weight		kg	905
Lift	h ₃	mm	120
Overall length	l ₁	mm	2038
Overall width	b ₁ /b ₂	mm	932
Length to face of forks	l ₂	mm	888
Fork dimensions	s/e/l	mm	55×170×1150
Turning radius	Wa	mm	1814
Drive			Electric
Operator type			Seated
Load distance, centre of drive axle to fork	x	mm	978
Wheelbase	y	mm	1640

Features

Strong Performance and Efficiency

The seated ZPL201 features a 4kW AC drive motor and delivers a high travel speed of 8km/h and powerful acceleration, reducing long-distance cycle times. With optional forks up to 2400mm, it can transport two to three pallets at once for maximized throughput. The strong workhorse is engineered to fulfill individual operator and workplace needs.

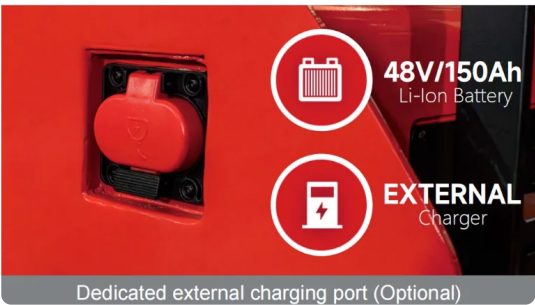


Intuitive and Precise Control

The ZPL201 features the force-feedback steering wheel, providing a good sense of directional control for confident maneuvering. The multi-functional joystick offers intuitive operation, including forward/reverse travel, lifting/lowering, and horn, and an optional proportional lifting function is available for further precision. Besides, the standard OPS and automatic turn speed control ensure operational safety.

Lithium Technology battery

The ZPL201's standard 48V/150Ah Li-ion battery delivers longer run times, zero maintenance and no gas release during charging. Its integrated charger allows for flexible and rapid opportunity charging during breaks for a continuous workflow. For more intensive applications, ZPL201 can be equipped with more powerful battery (48V/205Ah) an external charging socket, enabling fast and safe charging through the optional three-phase external charger.





Comfort and Ergonomic Design

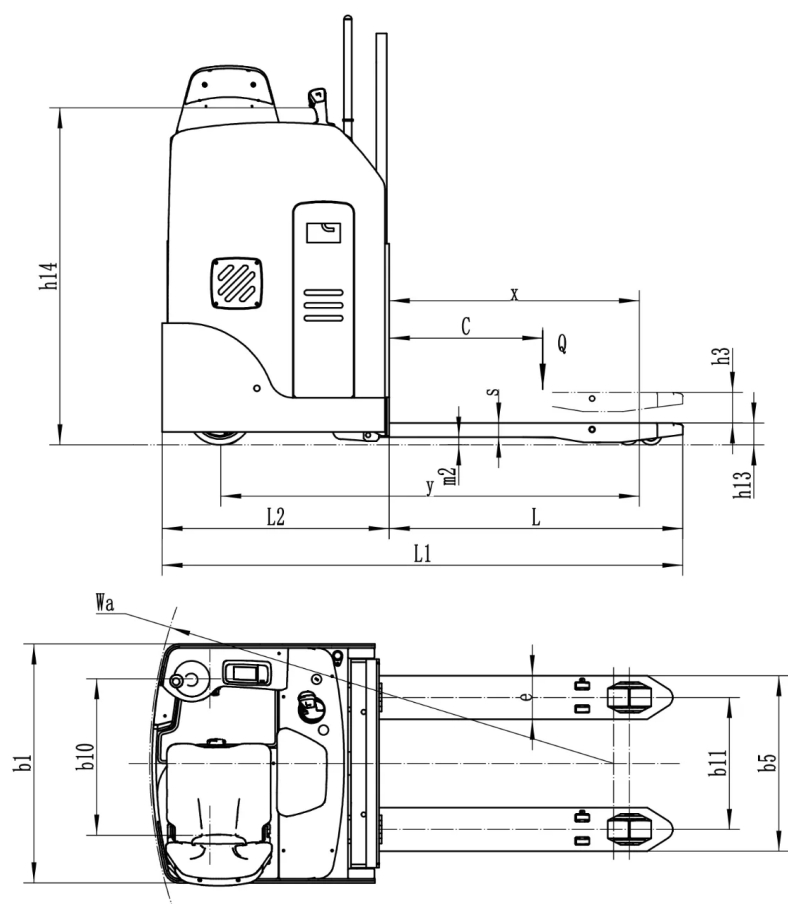
The ZPL201 is equipped with an adjustable, shock-absorbing suspension seat to accommodate operators of different sizes and provide a smooth ride. Plus a comfortable foam backrest and a spacious operator compartment, the ZPL201 ensures a fatigue-free experience.

VDI Chart

SPECIFICATION		REF	UNIT	VALUE
1.1	Manufacturer			EP
1.2	Model designation			ZPL201
1.3	Drive			Electric
1.4	Operator type			Seated
1.5	Rated capacity	Q	kg	2000
1.6	Load centre distance	c	mm	600
1.8	Load distance, centre of drive axle to fork	x	mm	978
1.9	Wheelbase	y	mm	1640
2.1	Service weight		kg	905
2.2	Axle loading, laden front/rear		kg	1769/1136
2.3	Axle loading, unladen front/rear		kg	182/723
3.1	Tyres			Polyurethane
3.2	Tyre size, front		mm	Φ260×105
3.3	Tyre size, rear		mm	Φ85×70
3.4	Additional wheels (castor wheels)		mm	Φ100×55
3.5	Wheels, number front/rear (x=drive wheels)			1x,2/4
3.6	Tread width, front	b ₁₀	mm	610
3.7	Tread width, rear	b ₁₁	mm	515
4.4	Lift	h ₃	mm	120
4.9	Height drawbar in driving position min./max.	h ₁₄	mm	1315
4.15	Height, lowered	h ₁₃	mm	85
4.19	Overall length	l ₁	mm	2038

SPECIFICATION		REF	UNIT	VALUE
4.20	Length to face of forks	l_2	mm	888
4.21	Overall width	b_1/b_2	mm	932
4.22	Fork dimensions	s/e/l	mm	55×170×1150
4.25	Distance between fork-arms	b_5	mm	685/540
4.32	Ground clearance, centre of wheelbase	m_2	mm	30
4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	2620
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	2504
4.35	Turning radius	Wa	mm	1814
5.1	Travel speed, laden/unladen		km/h	8/8
5.2	Lift speed, laden/unladen		m/s	0.044/0.044
5.3	Lowering speed, laden/unladen		m/s	0.024/0.024
5.8	Max. gradeability, laden/unladen		%	8/16
5.10	Service brake			Electromagnetic
6.1	Drive motor rating S2 60 min		kW	4.0
6.2	Lift motor rating at S3 15%		kW	2.2
6.4.1	Battery voltage		V	48
6.4.2	Battery nominal capacity K5		Ah	150
6.4.3	Battery type			Li-Ion
6.5	Battery weight		kg	92
6.6	Energy consumption according to DIN EN 16796		kWh/h	0.9
6.7	Turnover output according to VDI 2198			200
6.8	Turnover efficiency according to VDI 2198			222
8.1	Type of drive unit			AC
10.5	Steering design			Electronic
10.7	Sound pressure level at the driver's seat		dB(A)	74
15.1	Charger output current		A	50

Subject to modification of specifications and designs without prior notice as part of continuous product improvement. Images and technical data shown may include optional features and are provided for reference only. All dimensions are subject to standard manufacturing tolerances.



Options

ITEM	OPTIONS (optional items marked in yellow)
Fork dimension	685*1150 540*850、1000、1150、1220、1300、1450、1600、1800、2000、2200、2400 685*850、1000、1220、1300、1450、1600、1800、2000、2200、2400
Leg width	685 540
Backrest height	No 1220mm (48in) 1520mm (60in)
Load wheel type	PU
Load wheel material	Double
Drive wheel material	PU
Battery capacity	48V/150Ah 48V/205Ah(NON-CE)
Charger	48V-50A integrated charger 48V-50A external charger 48V-100A external charger
Battery indicator	With hourmeter (Bluetooth)

ITEM	OPTIONS (optional items marked in yellow)
Seat type	Yes and not customized
Castor wheels	Yes and not customized
OPS system	Yes and not customized
USB interface	USB with A and C type
Battery side pull function	Yes and not customized
Turn speed control	Yes and not customized
Lifting electronic limit	Yes and not customized
Folder	A4 A3