

TPL301

Standing Low Level Order Picker 3000kg



- Fast acceleration and a travel speed of 14.5km/h maximizes efficiency handling
- Side buttons enable operator control for truck movement during picking
- 2320mm long forks allow handling two pallets at the same time
- Electric power steering and automatic center positioning tiller for great maneuverability
- Spacious operator compartment with low level step and reduced vibration for comfortable ride
- 24V/410Ah Li-Ion battery and external charging plug grant long running time

Manufacturer			EP
Model designation			TPL301
Drive			Electric
Load capacity	Q	kg	3000
Load center distance	c	mm	1200
Service weight			940
Length to face of forks	l2	mm	1376
Overall width	b1/b2	mm	800
Fork dimensions	s/e/l	mm	56/254/2320
Turning radius	Wa	mm	2931
Travel speed, laden/unladen			9.5/14.5
Max. gradeability, laden/unladen			5/16
Battery voltage/nominal capacity			24/410

FEATURE

Performance and Efficiency

With a travel speed of 14.5 km/h, TPL301 ensures productive material transportation over long distances. Offering a maximum load capacity of 3 tons, with a fork length of 2320mm, TPL301 is capable of carrying two standard pallets simultaneously, reducing the number of trips required for handling tasks.



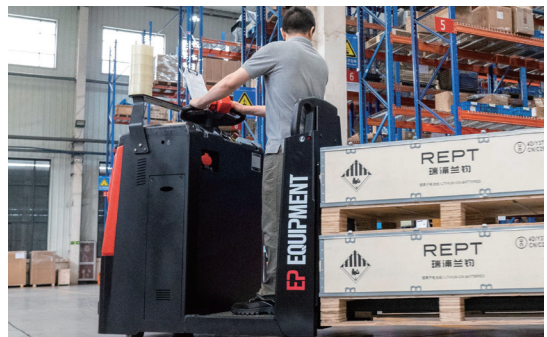
Lithium Technology for Great Effectiveness

TPL301 adopts 24V/410Ah Li-ion battery as standard and it features long running time, zero battery maintenance, extended service life, and opportunity charging during breaks through the external plug. This makes TPL301 a productive tool to pick products in multiple working shifts.



Comfortable Working Compartment for Ergonomics

TPL301 is thoughtfully designed with a suspended platform with a low entrance step which reduces vibration transfer to the operator and minimize fatigue during long working shift. The standard foam backrest further addresses ergonomic consideration offering great support.



Easy Operation

Side buttons located on the both sides of the backrest allow forward movements of the truck, so that operator can walk along side of TPL301 to reach to the next picking spot with no need to go back to the operating platform.

Spacious storage compartment for storing personal belongings and tools with optional extension brackets available to accommodate various accessories like WMS(Warehouse Execution System) displays, packaging wrap, file holders, etc.

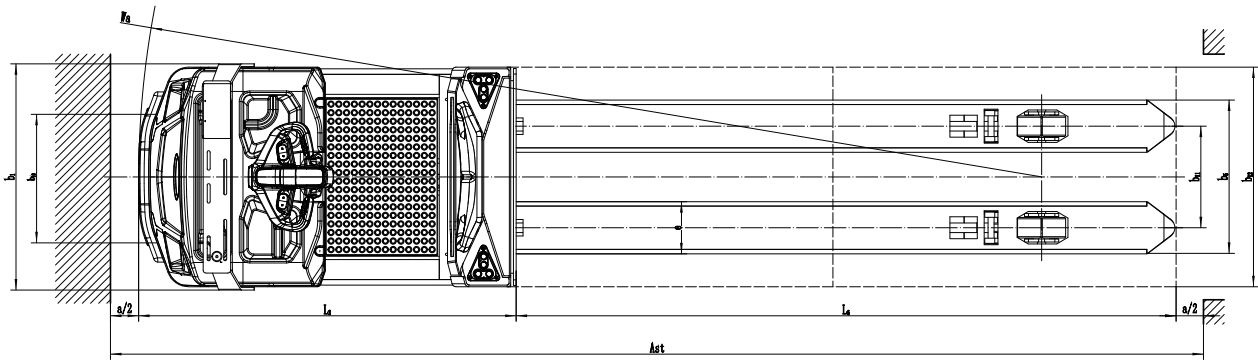
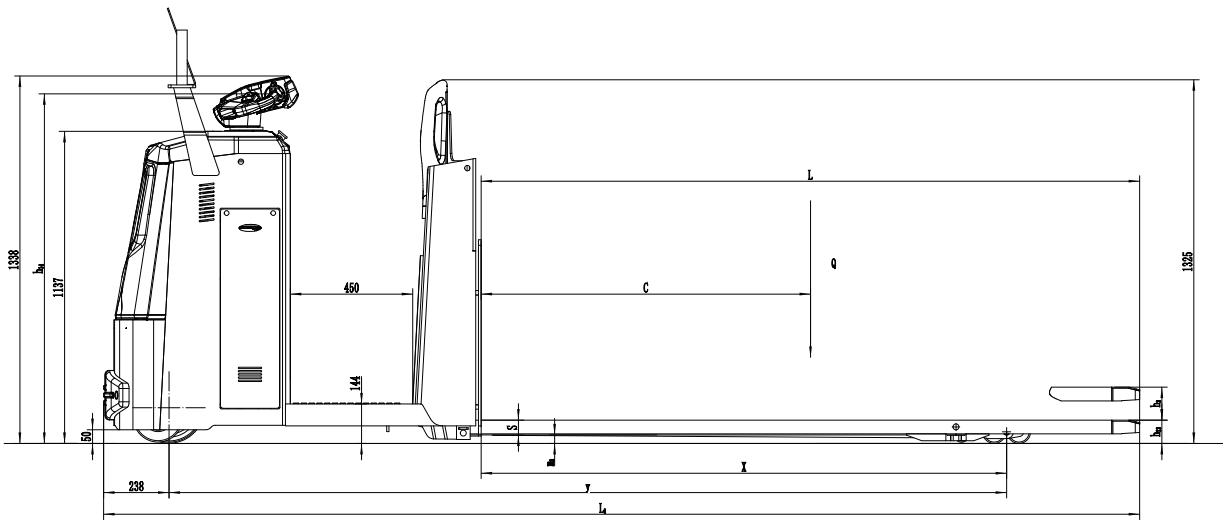
Furthermore, TPL301 is equipped with electric power steering and automatic center positioning for effortless driving.



Standing Low Level Order Picker 3000kg TPL301

Distinguishing mark	1.1	Manufacturer			EP
	1.2	Model designation			TPL301
	1.3	Drive			Electric
	1.4	Operator type			Standing
	1.5	Load capacity	Q	kg	3000
	1.6	Load center distance	c	mm	1200
	1.8	Load distance, centre of drive axle to fork	x	mm	1514
	1.9	Wheelbase	y	mm	2651
	Service weight	2.1	Service weight		kg
2.2		Axle loading, laden front/rear		kg	1700/2240
2.3		Axle loading, unladen front/rear		kg	780/160
Tyres/chassis	3.1	Tyre type			Polyurethane
	3.2	Tyre size, front		mm	Φ82.5x165
	3.3	Tyre size, rear		mm	Φ260x105
	3.4	Additional wheels (castor wheels)		mm	Φ180x65
	3.5	Wheels, number front/rear (x=drive wheels)		mm	1x +1/2
	3.6	Tread width, front	b10	mm	462
	3.7	Tread width, rear	b11	mm	456
Dimensions	4.4	Lift height	h3	mm	120
	4.9	Height of tiller handle in drive position min./max.	h14	mm	1273
	4.15	Lowered height	h13	mm	83
	4.19	Overall length	l1	mm	3696
	4.20	Length to face of forks	l2	mm	1376
	4.21	Overall width	b1/b2	mm	800
	4.22	Fork dimensions	s/e/l	mm	56/254/2320
	4.25	Distance between fork-arms	b5	mm	685
	4.32	Ground clearance, center of wheelbase	m2	mm	30
	4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	3863
	4.34.2	Aisle width for pallets 800×1200 crossways	Ast	mm	4062
4.35	Turning radius	Wa	mm	2931	
Performance data	5.1	Travel speed, laden/unladen		km/ h	9.5/14.5
	5.2	Lifting speed, laden/unladen		m/s	0.045 / 0.054
	5.3	Lowering speed, laden/unladen		m/s	0.067 / 0.054
	5.8	Max. gradeability, laden/unladen		%	5/16
	5.10	Service brake			Electromagnetic
Electric-engine	6.1	Drive motor rating S2 60 min		kW	3.3
	6.2	Lift motor rating at S3 15%		kW	2.2
	6.4	Battery voltage/nominal capacity		V/Ah	24/410
	6.5	Battery weight		kg	95
	Additional data	8.1	Type of drive control		
10.5		Steering design			Electronic
10.7		Sound pressure level at the driver's ear		dB(A)	74

If there are improvements of technical parameters or configurations, no further notice will be given.
The diagram shown may contain non-standard configurations.



Option

No.	Optional items	TPL301
1.1	Fork length	●2320 (96 in)
1.2	Fork width	●685 (27 in)
1.3	Fork lowered height	●83
2.1	Load wheel type	●Single
2.2	Load wheel material	●PU
2.3	Drive wheel material	●PU
2.7	Battery capacity	●24V/410Ah (Li-Ion truck) ○24V/280Ah (Li-Ion truck)
2.8	Charger	●24V-100A external charger○24V-50A external charger
2.9	Battery indicator	●With hourmeter (Bluetooth)
3.5	Front lamp	●Front lamp
3.19	USB interface	●USB interface

Note: ●Standard ○ Optional