



# WPL181/201

1.8/2.0T Electric Pallet Truck

- Smaller but stronger frame
- New design visualized operation handle
- Breakout traditional module design
- 48V new control system & PMBM



## Product parameters

Distinguishing mark					
1.1	Manufacturer			EP	EP
1.2	Model designation			WPL181	WPL201
1.3	Drive unit			Battery	Battery
1.4	Operator type			pedestrian	pedestrian
1.5	rated capacity	Q	kg	1800	2000
1.6	Load center distance	c	mm	600	600
1.8	Load distance	x	mm	1000	1000
1.9	Wheelbase	y	mm	1268	1268
Weight					
2.1	Service weight (include battery)		kg	250	250
2.2	Axle loading, laden driving side/loading side		kg	685/1565	685/1565
2.3	Axle loading, unladen driving side/loading side		kg	185/65	185/65
Types,Chassis					
3.1	Tyre type driving wheels/loading wheels			PU / PU	PU / PU
3.2	Tyre size, driving wheels (diameter×width)		mm	Φ250×102	Φ250×102
3.3	Tyre size, loading wheels (diameter×width)		mm	2×Φ82×85/ Φ82×115	2×Φ82×85/ Φ82×115
3.4	Tyre size, caster wheels (diameter×width)		mm	Φ74×48	Φ74×48
3.5	Wheels, number driving, caster/loading (x=drive wheels)		mm	1× +2/4 / 1× +2/2	1× +2/4 / 1× +2/2
3.6	Track width, front,driving side	b10	mm	441	441
3.7	Track width,rear,loading side	b11	mm	390 / 450 / 475	390 / 450 / 475
Dimensions					
4.4	Lift height	h3	mm	140	140
4.9	Height drawbar in driving position min./max.	h14	mm	716 / 1240	716 / 1240
4.15	Lowered height	h13	mm	82.5	82.5
4.19	Overall length	l1	mm	1592	1592
4.20	Length to face of forks	l2	mm	423	423
4.21	Overall width	b1/ b2	mm	645 / 625	645 / 625
4.22	Fork dimensions	s/ e/ l	mm	55×170×1170	55×170×1170
4.25	Outside width of the forks	b5	mm	540 / 600 / 685	540 / 600 / 685
4.32	Ground clearance, center of wheelbase	m2	mm	27	27
4.34.1	Aisle width for pallets 1000 × 1200 crossways	Ast	mm	1850	1850
4.34.2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	2050	2050
4.35	Turning radius	Wa	mm	1428	1428
	Back rest		mm	120	120
Performance data					
5.1	Travel speed, laden/ unladen	km/ h	km/h	5 / 5.5	5 / 5.5
5.2	Lifting speed, laden/ unladen		m/ s	0.023 / 0.029	0.023 / 0.029
5.3	Lowering speed, laden/ unladen		m/ s	0.037 / 0.027	0.037 / 0.027
5.8	Max. gradeability, laden/unladen		%	8 / 16	8 / 16
5.10	Service brake type			Electromagnetic	Electromagnetic
Electric-engine					
6.1	Drive motor rating S2 60 min		kW	0.75	0.75
6.2	Lift motor rating at S3 15%		kW	0.84	0.84
6.3	The maximum allowed size battery		mm	245×160×380	245×160×380
6.4	Battery voltage/nominal capacity K5		V/ Ah	48/20 (Li)	48/30 (Li)
6.5	Battery weight		kg	13	13
	Standard battery pack capacity		V / AH	48V/20Ah	48V/30Ah
	Chemical Material			LFP	LFP
	Charger		V / A	48/15A	48/15A
Addition data					
8.1	Type of drive control			DC	DC
10.5	Steering type			Mechanical	Mechanical
10.7	Sound pressure level at the driver' s ear		dB (A)	74	74