

Mlift



PBP18E Electric Pallet Truck 1.8t

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Distinguishing mark				
1.1	Model designation			PBP18E
1.2	Drive unit			Electric
1.3	Operator type			Pedestrian
1.4	rated capacity	Q	kg	1800
1.5	Load center distance	c	mm	600
1.6	Load distance	x	mm	945
1.7	Wheelbase	y	mm	1270
Weight				
2.1	Service weight (include battery)		kg	285
2.2	Axle loading, laden driving side/loading side		kg	770/1315
2.3	Axle loading, unladen driving side/loading side		kg	230/55
Types,Chassis				
3.1	Tyre type driving wheels/loading wheels			polyurethane / polyurethane
3.2	Tyre size, driving wheels (diameter×width)		mm	Φ230x75
3.3	Tyre size, loading wheels (diameter×width)		mm	Φ74x88 (Φ80x60)
3.4	Tyre size, caster wheels (diameter×width)		mm	Φ80x48
3.5	Wheels, number driving, caster/loading (x=drive wheels)		mm	1x+2/2 / 1x+2/4
3.6	Track width, front,driving side	b ₁₀	mm	435
3.7	Track width,rear,loading side	b ₁₁	mm	390/495/535
Dimensions				
4.1	Lift height	h ₃	mm	115
4.2	Height drawbar in driving position min./max.	h ₁₄	mm	715/1200
4.3	Lowered height	h ₁₃	mm	85
4.4	Overall length	l ₁	mm	1625
4.5	Length to face of forks	l ₂	mm	491
4.6	Overall width	b ₁	mm	645
4.7	Fork dimensions	s/ e/ l	mm	50/150/1150
4.8	Distance between fork-arms	b ₅	mm	540/645/685
4.9	Ground clearance, center of wheelbase	m ₂	mm	35
4.10	Aisle width for pallets 1000 × 1200 crossways	Ast	mm	2330
4.11	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	2161
4.12	Turning radius	Wa	mm	1529
Performance data				
5.1	Travel speed, laden/ unladen		km/h	5.5/6
5.2	Lifting speed, laden/ unladen		m/ s	0.051/0.060
5.3	Lowering speed, laden/ unladen		m/ s	0.032/0.039
5.4	Max. gradeability, laden/unladen		%	6/16
5.5	Service brake type			Electromagnetic
Electric-engine				
6.1	Drive motor rating S2 60 min		kW	1.1
6.2	Lift motor rating at S3 15%		kW	0.84
6.3	The maximum allowed size battery		mm	269x182x300
6.4	Battery voltage/nominal capacity K20		V/ Ah	2x12/85
6.5	Battery weight		kg	25x2
Addition data				
7.1	Type of drive control			AC
7.2	Steering type			Mechanical
7.3	Sound pressure level at the driver's ear		dB (A)	74

Note: For detailed customization, features and benefits of the truck, please contact your local dealership for more information.
Improvement made to truck may result in changes to the truck parameters.

Solution Packages



Feel the **PUSH** to perform Feel the **RUSH** to deliver **MORE**

The PBP18E is the latest in line truck model that combines **powerful AC powered traction** operating in tandem with the use of **lead acid-free batteries** creates an exceptional performance to **empower operators** to last higher results.

Equipped with a **compact chassis** and light **steering effort**, the PBP18E offers increased productivity which makes it an excellent choice to operate in most challenging space, i.e., on-board trailer. Available in **1.8 Tonnes nominal** capacity handling, the PBP18E is bound to **delight you** with its quality that never **QUIT!**



✓ Maintenance free AC Drive Motor

- High endurance travelling speed up to 6km/hr
- Powerful 1.1kW rated AC drive motor makes it ideal for overcoming steep gradient ramp operation

✓ Easy Battery Access

- Simple battery extraction design allows quick access to conduct quick inspection or replacement of batteries

*Option is available for bigger battery size up to 120Ah



✓ On board charging

- Installed with a standard 15 Amp built-in charger allows convenient charging of batteries at anywhere and anytime.

✓ Easy Serviceability

- AC ZAPI operated system allows quick plug-in fault diagnosis help to reduce the truck downtime
Fast setting and easy customization of the truck parameters



✓ Standard Battery Discharge Indicator

- LED display of the truck status - Battery level, On/Off status, Running Hours and Fault Code
- Automatically limit truck performance if the battery level hits 20% or below

✓ Full Protective Cover

- Helps to protect truck components from external elements is a perfect choice for both indoor and outdoor application
- Hassel free design to remove the protective covers quickly without the need to use any special tools

✓ Ergonomic Handling

- Fully integrated control buttons enhance ease of control over the electric lifting and lowering of forks with up to 115mm lift height
- Standard casters wheels to increase the truck overall sideways stability



KEY productivity Options:

- Vertical handler for tight aisle operation
- Pattern profile drive tire to enhance grip on wet surface
- Non-marking drive tire
- Pallet entry assists rollers

