



**PBP15E** Electric Pallet Truck 1.5t

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# PBP15E

## Electric Pallet Truck 1.5t

Distinguishing mark			
1.1	Model designation		PBP15E
1.2	Drive unit		Electric
1.3	Type of operation		Pedestrian
1.4	Rated capacity	Q	kg 1500
1.5	Load center distance	c	mm 600
1.6	Load distance	x	mm 883/946
1.7	Wheelbase	y	mm 1228/1268
Weight			
2.1	Service weight (include battery)		kg 205
2.2	Axle loading, laden driving side/loading side		kg 574/1131
2.3	Axle loading, unladen driving side/loading side		kg 165/40
Types,Chassis			
3.1	Tyre type driving wheels/loading wheels		PU/PU
3.2	Tyre size, driving wheels (diameter×width)		mm $\Phi$ 210×70
3.3	Tyre size, loading wheels (diameter×width)		mm 2× $\Phi$ 80×60 ( $\Phi$ 74×88)
3.4	Tyre size, caster wheels (diameter×width)		mm $\Phi$ 74×48
3.5	Wheels, number driving, caster/loading (x=drive wheels)		mm 1x2/4 (1x2/2)
3.6	Track width, front,driving side	b <sub>10</sub>	mm 432
3.7	Track width,rear,loading side	b <sub>11</sub>	mm 410 (535)
Dimensions			
4.1	Lift height	h <sub>3</sub>	mm 115
4.2	Height drawbar in driving position min./max.	h <sub>14</sub>	mm 750/1170
4.3	Lowered height	h <sub>13</sub>	mm 84 (75)
4.4	Overall length	l <sub>1</sub>	mm 1632
4.5	Length to face of forks	l <sub>2</sub>	mm 482
4.6	Overall width	b <sub>1</sub> / b <sub>2</sub>	mm 560 (685)
4.7	Fork dimensions	s/ e/ l	mm 50/150/1150
4.8	Distance between fork-arms	b <sub>5</sub>	mm 560 (685)
4.9	Ground clearance, center of wheelbase	m <sub>2</sub>	mm 35
4.10	Aisle width for pallets 1000 × 1200 crossways	Ast	mm 1739
4.11	Aisle width for pallets 800 × 1200 lengthways	Ast	mm 1939
4.12	Turning radius	Wa	mm 1485
Performance data			
5.1	Travel speed, laden/ unladen	km/ h	km/h 4/4.5
5.2	Lifting speed, laden/ unladen		m/ s 0.022/0.025
5.3	Lowering speed, laden/ unladen		m/ s 0.034/0.023
5.4	Max. gradeability, laden/unladen		5/16
5.5	Service brake type		Electromagnetic
Electric-engine			
6.1	Drive motor rating S2 60 min		kW 0.65
6.2	Lift motor rating at S3 15%		kW 0.84
6.3	The maximum allowed size battery		mm 265x185x215
6.4	Battery voltage/nominal capacity K20		24/85
6.5	Battery weight		kg 25.5x2
Addition data			
8.1	Type of drive control		DC
8.2	Steering type		Mechanical
8.3	Sound pressure level at the driver's ear		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.

# Advance **MOBILITY** **SUPERIOR** traction with a simple touch

Introducing the preeminent award **winner for the red dot innovative design**, the **MLIFT PBP15E** is an excellent choice poised for its **unparallel nimble performance** to replace the conventional manual operated hand pallet truck. Confident to **handle load capacity** that weighs up to **1.5 Tonnes**, the PBP15E aims to **increase productivity** and at the same time, relieve the operator from long hours work fatigue.

The PBP15E is designed to **operate efficiency in narrow aisles** and **built to last** much longer operational hours with an aim in mind to **achieve higher throughput cycles** while **lowering the total cost of ownership**.

Be spoilt for more customizable benefits that allow you to **DELIVER** with style and comfort!



## ✓ **Standard Battery Discharge Indicator**

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

## ✓ **Easy Maintenance and Serviceability**

- 10 minutes drive tire replacement effort via quick release of the six lock nuts to access the drive system
- Uncomplicated procedure to replace batteries
- Quick plug in fault diagnostic CURTIS operated system helps to diagnose and resolve fault symptoms and reduce the overall truck downtime

## ✓ **Standard Built-in Charger**

- 10Amp charger designed for convenient onboard charging suitable to be deployed on the trailer ends
- Temperature indicator indicates the charging status of the battery to prevent batteries from being overcharged
- Comes with a standard 85Ah maintenance free batteries

## ✓ **Enhanced Security**

- Exclusive pin-code entry limits anyunauthorized usage

## ✓ **Ergonomic Handling**

- DC operated truck with full electric lifting/lowering and traction

Multifunctional electronic control handle enhance operator confidence to operate the truck with ease

## **KEY** productivity Options:

- Enclosed drive wheels with casters protects drive wheels from damage and enhanced travel stability
- 75mm low profile forks for low profile pallet entry
- Digital weighing scale
- Automatic speed reduction upon cornering
- Pattern profile drive tire to enhance grip on wet surface
- Pallet entry assists rollers

## ✓ **Side Stabilizer**

- To counterbalance side swaying movement upon cornering or traveling on an uneven terrain



