

MATEX Electric Pallet Truck

1500kg Rated - Replacable Lithium Battery

FEATURING

- ✓ High Strength Chassis Design**

The high-strength chassis and compact design ensure durability and flexibility, supported by advanced metal welding, bending technology, and metal toughness.
- ✓ Replaceable Lithium Battery**

Replaceable lithium battery for convenient charging. Additional batteries available to meet different work time needs.
- ✓ Security and Stability**

The hydraulic lifting system features a design without oil pipes, enhancing reliability and reducing the risk of oil leakage from joints or pipes.
- ✓ Intelligent Control System**

Equipped with CAN-BUS technology for automatic truck status monitoring and fault diagnosis.



TECHNICAL PROPERTIES

Item Code	PTE15N
Capacity	1500kg
Lift Height	115mm
Minimum Height	80mm
Fork Length	1150mm
Overall Length	1530mm
Fork Overall Width	685mm
Lifting speed full load/no load	20/25mm/s
Lowering speed full load/no load	50/40mm/s
Gradeability full load/no load	6/16%
Battery	24V/20Ah
Lifting motor	0.5kW
Weight	136kg
Warranty	1 year

This specification datasheet is provided for reference purposes only and does not constitute a guarantee of performance or features. The manufacturer reserves the right to make changes without prior notice. For the most accurate and up-to-date information, please refer to the user manual and the labels affixed to the equipment.

Melbourne Head Office
P: (03) 8791 5777
E: melbourne@teamsystems.net.au

Sydney Branch
P: (02) 9609 7782
E: sydney@teamsystems.net.au

Brisbane Branch
P: (07) 3807 9144
E: brisbane@teamsystems.net.au

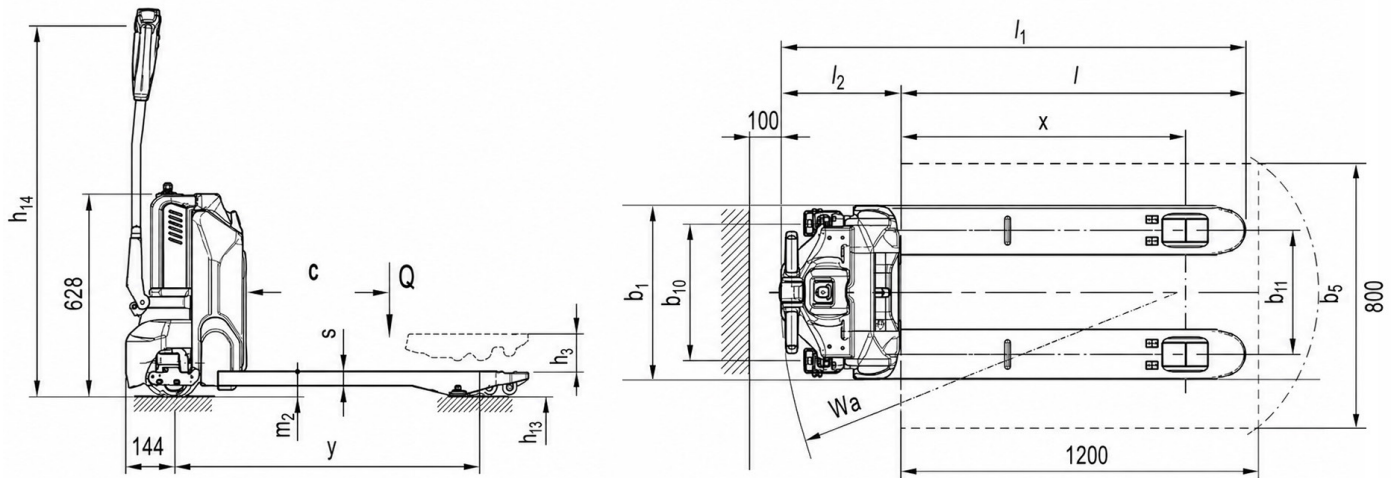
Adelaide Branch
P: (08) 8340 4111
E: adelaide@teamsystems.net.au

Perth Branch
P: (08) 9455 4855
E: perth@teamsystems.net.au

New Zealand Branch
P: 9 887 4647 **W:** teamsystems.co.nz
E: auckland@teamsystems.co.nz



MATEX Electric Pallet Truck



TECHNICAL PROPERTIES

No.	Item Description	PTE15N	
1. FEATURED MARK			
1.1	Power	Lithium Battery	
1.2	Operator Type	Pedestrian/Stand	
1.3	Load Capacity/Rated Load (Q)	1500kg	
1.4	Load Centre Distance (c)	600mm	
1.5	Load Distance, Centre Of Drive Axle To Fork (x)	947mm	
1.6	Wheelbase (y)	1185mm	
2. WEIGHT			
2.1	Service Weight	136kg	139kg
2.2	Axle Loading, Laden Front/Rear	636/1000kg	635/1004kg
2.3	Axle Loading, Unladen Front/Rear	107/29kg	108/31kg
3. TYRES, CHASSIS			
3.1	Tires	Polyurethane (PU)	
3.2	Tire Size,Front (x w)	210 x 75mm	
3.3	Tire Size,Rear (x w)	80 x 93mm (80 x70mm)	
3.4	Additional Wheels (Dimensions) (x w)	80 x 30mm	
3.5	Wheels,Number Front/Rear (x = Driven Wheels)	1x/2 (1x/4) or 1x+2/2 (1x+ 2/4)	
3.6	Tread, Front (b ₁₀)	-/430mm	
3.7	Tread, Rear (b ₁₁)	380mm	525mm

This specification datasheet is provided for reference purposes only and does not constitute a guarantee of performance or features. The manufacturer reserves the right to make changes without prior notice. For the most accurate and up-to-date information, please refer to the user manual and the labels affixed to the equipment.

Melbourne Head Office
P: (03) 8791 5777
E: melbourne@teamsystems.net.au

Adelaide Branch
P: (08) 8340 4111
E: adelaide@teamsystems.net.au

Sydney Branch
P: (02) 9609 7782
E: sydney@teamsystems.net.au

Perth Branch
P: (08) 9455 4855
E: perth@teamsystems.net.au

Brisbane Branch
P: (07) 3807 9144
E: brisbane@teamsystems.net.au

New Zealand Branch
P: 9 887 4647 **W:** teamsystems.co.nz
E: auckland@teamsystems.co.nz



MATEX Electric Pallet Truck

TECHNICAL PROPERTIES

4. DIMENSIONS

4.1	Lift Height (h ₃)	115mm	
4.2	Height Of Tiller In Drive Position Min. / Max. (h ₁₄)	700/1160mm	
4.3	Height, Lowered (h ₁₃)	80mm	
4.4	Overall Length (l ₁)	1530mm	
4.5	Length To Face Of Forks (l ₂)	380mm	
4.6	Overall Width (b ₁)	540mm	685mm
4.6	Fork Dimension (s/e/l)	47/160/1150mm	
4.8	Width Across Forks (b ₅)	540mm	685mm
4.9	Ground Clearance, Centre Of Wheelbase (m ₂)	33mm	
4.10	Aisle Width For Pallets 800x1200mm Lengthways (Ast)	2000mm	
4.11	Turning Radius (Wa)	1330mm	

5. PERFORMANCE

5.1	Travel Speed, Laden / Unladen	4.6/4.8km/h	
5.2	Lift Speed, Laden / Unladen	0.020/0.025m/s	
5.3	Lowering Speed, Laden / Unladen	0.05/0.04m/s	
5.4	Gradeability, Laden / Unladen	6/16%	
5.5	Service Brake	Electromagnetic	

6. MOTORS

6.1	Drive Motor Rating S2 60min	0.65kW	
6.2	Lift Motor Rating At S3 I 0%	0.50kW	
6.3	Battery Voltage, Nominal Capacity K/s	24/20V/Ah (24/36V/Ah)	
6.4	Battery Weight (Minimum)	5.5kg	
6.6	Energy Consumption Acc. To EN167962	0.18kWh/h	

7. Battery

7.1	Standard Battery	24V/20Ah Li-ion	
7.2	Standard Charger	24V/5A	

8. ADDITIONAL

8.1	Type Of Drive Control	DC speed Control	
8.2	Sound Level At Driver's Ear Acc. To En 12053	<70dB(A)	

This specification datasheet is provided for reference purposes only and does not constitute a guarantee of performance or features. The manufacturer reserves the right to make changes without prior notice. For the most accurate and up-to-date information, please refer to the user manual and the labels affixed to the equipment.

Melbourne Head Office

P: (03) 8791 5777

E: melbourne@teamsystems.net.au

Adelaide Branch

P: (08) 8340 4111

E: adelaide@teamsystems.net.au

Sydney Branch

P: (02) 9609 7782

E: sydney@teamsystems.net.au

Perth Branch

P: (08) 9455 4855

E: perth@teamsystems.net.au

Brisbane Branch

P: (07) 3807 9144

E: brisbane@teamsystems.net.au

New Zealand Branch

P: 9 887 4647 W: teamsystems.co.nz

E: auckland@teamsystems.co.nz



MATEX Electric Pallet Truck

1500kg Rated - Replacable Lithium Battery

Ergonomic & Smart Tiller Design

- Comfortable soft grips for comfort daily operation.
- Supported by the air spring and the tiller returns to its vertical position smoothly.
- All buttons are big and can be easily reached by operators even in case of working in gloves.
- Integrated PIN code panel with LCD display for smart control and operation.
- Speed reduction at different angles as well as the function of active tiller in its up-right position.
- The function of driving with the tiller in the vertical position helps with work in confined areas, especially in elevators and lorries without sacrificing of safety.

Smart Lithium Battery

- The Edge is equipped with a maintenance-free Lithium battery with optional different capacities for various applications.
- Fast and opportunity charging features the Edge works as easy as a hand pallet truck without special attention to the maintenance as other electric pallet trucks.
- The integrated BMS (Battery Management System) controls all important parameters and performance of lithium battery.
- Socket on the battery case for easy battery charging without the necessity to take the battery out.
- Fast and opportunity charging during brakes in operations increases working time.

Maintenance Friendly

- Convenient and fast access to any component of the truck, no elements are located in areas difficult to reach. No special tools are required.
- There are no hoses or pipes used in the hydraulic lifting circuit which significantly improves reliability and reduces the number of potential problems related to leakages through connectors or their seals.
- The truck is equipped with Curtis controller and CAN-bus technology makes the diagnostic and troubleshooting easier.
- Amount of working hours shown at the tiller helps to follow the maintenance schedule.

Robust Smart Design of Chassis

- Quick-connect wiring connects power with pushbutton controls for smooth operation.
- Permanently lubricated gear train delivers a long life with low maintenance.
- Offered in single phase and three phase units.
- Integrated slip clutch ensures continuous duty and tension control and protects transmission from overload.
- Gear trains are permanently lubricated for long life and minimal maintenance.

Gradeability Performance & Robustness

- Great performance on ramps even when they are fully loaded regardless their economic positioning.
- Each truck based on its performance level can climb on sufficient level of ramp.
- Strong steel apron protects the operator's feet during work and secures the truck's components from collisions with objects.



This specification datasheet is provided for reference purposes only and does not constitute a guarantee of performance or features. The manufacturer reserves the right to make changes without prior notice. For the most accurate and up-to-date information, please refer to the user manual and the labels affixed to the equipment.

Melbourne Head Office
P: (03) 8791 5777
E: melbourne@teamsystems.net.au

Sydney Branch
P: (02) 9609 7782
E: sydney@teamsystems.net.au

Brisbane Branch
P: (07) 3807 9144
E: brisbane@teamsystems.net.au

Adelaide Branch
P: (08) 8340 4111
E: adelaide@teamsystems.net.au

Perth Branch
P: (08) 9455 4855
E: perth@teamsystems.net.au

New Zealand Branch
P: 9 887 4647 W: teamsystems.co.nz
E: auckland@teamsystems.co.nz

