

#### ■ OPERATOR AREA - CONTROLS

The EPT30RT/EPT35RT stand-up end pallet truck has a large operator platform control power which increases operator comfort and productivity. Careful location of ergonomic operator handle feature easy to use controls for travel, lift, lower and horn functions. All operator controls are accessible without having to lift the hand from the handle. Large thumb control lever for forward and reverse travel allows travel as a rider truck or walkie. Microcellular rubber floor mat and angled power head cover are designed to allow easy operation with either hand and improved operator comfort.

Smooth urethane high speed grab bar for operator security with one touch high speed button.

#### ■ ELECTRICAL

Heavy-duty, 24-Volt system for demanding warehouse applications. The programmable ZAPI traction control and matching drive motor provide high performance throughout the entire speed range.

Travel speed remains constant relative to throttle position regardless of load. Separately fused power control circuits, quick disconnect EPD power cut off, hour meter / battery discharge indicator combination gauge complete the system. Power configurations and diagnostic features are standard.

#### ■ HYDRAULICS

Heavy duty pump motor with center mounted lift cylinder. Heavy-duty, pump unit, motor, hydraulic reservoir, solenoid, and gear pump. Integral pressure compensated flow control valve regulates lowering speeds.

#### ■ DRIVE UNIT

Vertically mounted drive motor is directly mounted to gear housing. Oil athen hypoid bevel gear drive train with tapered roller bearings transfers power to axle. State of the art optimized gear technology supplies advantages such as minimal envelope circle, zero maintenance, low noise level, high efficiency and high performance. Regenerative electromagnetic brake is mounted on motor armature shaft multiplying the braking power through the transmission. Brake is applied when control arm is in the vertical or horizontal handle position. System features anti-roll back and neutral braking.

#### ■ CASTER SYSTEM

Heavy duty spring loaded, articulating systems designed to stabilize truck performance and increase operator comfort.

#### ■ FORK ASSEMBLY

Pallet entry slide allows easy pallet entry by lifting the fork up and over bottom board. Eight easily accessed grease zerks for ease of maintenance. Tapered extended fork tip design is available on double pallet handling models.

#### ■ ACCESSIBILITY

Heavy duty composite two piece cover exposes major components for inspection and maintenance.

#### ■ OPTIONS:

- (4) bearings per load wheel
- Amber strobe
- Audible alarm
- Battery rollers
- Convenience tray
- Cooler / freezer package
- Double and triple length pallet fork lengths 64, 84, 93, 96, or 144 in.
- Smart coast control with pick assist
- Dual load wheels
- Heavy corrosion / wash down package
- Heavy duty caster wheels with sealed bearings for wet applications
- Manual coast control with pick assist
- Pivoting or stationary load backrest extension and convenience tray
- RF terminal power supply
- Single pallet fork lengths 36, 42, or 60 in.
- Side-tracker.
- Pallet entry/ exit rollers.
- UL classification type



#### ■ STANDARD EQUIPMENT

- 24-Volt regenerative braking
- Large AC traction motor
- Microcellular rubber floor mat
- Two piece powerhead cover
- Tapered fork tips w/entry skid plate
- Programmable performance travel / plugging / braking
- Ergonomic high speed bar
- Power assist steer

**SINOLIFT**  
For material handling

**EPT20-30RT/EPT20-35RT**

Rider Electric Pallet Truck  
ISO9001  
CE



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**EPT30RT/EPT35RT – AC Rider Pallet Truck**

Our 3000kg/3500kg capacity AC pallet truck has been designed to provide high productivity, reliability and low operating cost.

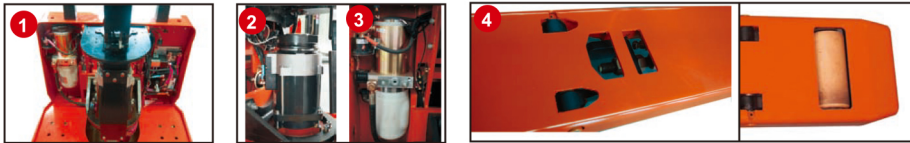
Powered by a large AC drive motor that can propel the unit to 9mph, the EPT30RT/EPT35RT will allow operators to move more product per hour, and since there are no moving parts in the drive motor... many maintenance expenses are eliminated over the equipment's lifecycle.

With it's heavy duty steel construction and the use of best of breed non-proprietary parts the EPT30RT/EPT35RT delivers exceptional value. If you're looking for a powered pallet truck that is tough and highly productive select our CBE30RT / CBE35RT for your facility.



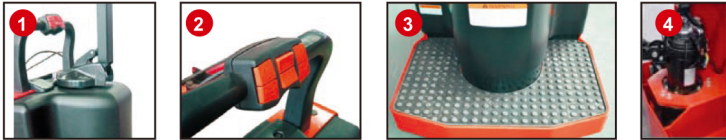
**Performance & Reliability**

- 1 The latest AC controller, high reliability, with regenerated braking, anti-roll back and adjustable settings, ensure the best performance in the different states.
- 2 The innovative AC system offers quick response, accurate control, impact structure, excellent performance, longer battery service life.
- 3 World-class hydraulic power pack, with vibration and excellent leak tightness, automatically adjusts the rate of decline.
- 4 Excellent performance of getting in and out of empty pallet, greatly increases the operation efficiency.



**Safety & Durability**

- 1 Sealed switches and logic boards for operation in coolers, wet rooms and freezers down to -20 F (-28.9 C).
- 2 Large control buttons mounted to a soft grip high speed handle.
- 3 Large platform area for easy operation.
- 4 The vertical motor ensures convenience inspection and maintenance of motor and brake, provide much better maintainability than horizontal motor.



**Operability**

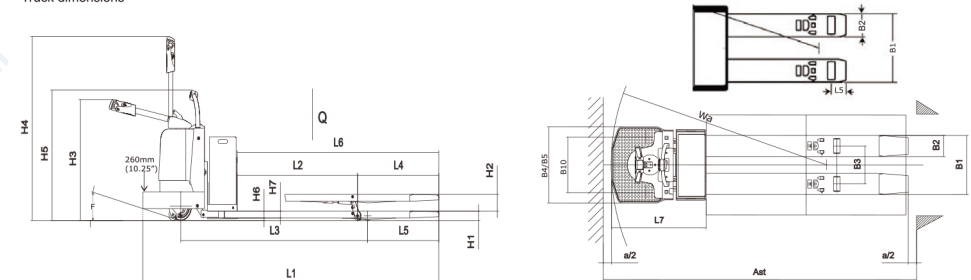
- 1 Ergonomically designed handle ensure smooth and easy controls of all operation. All the operation of lifting and travelling, will be easily achieved by touching the button switches in the handle.
- 2 Anti-roll back available as standard to prevent uncontrolled traveled travel speed or roll-back on ramps when loading and unloading.
- 3 Sideway battery design, easy for replacement.
- 4 The unique suspension Driving Floating Adjustable system (DFA) design, ensures the truck less vibration, stable, no tilt while turning in high speed, guarantees the accurate operator's operating handle freely and easily with full load, and could adjust operating force of handle to ease operator according to various workplace.



**3.0-3.5T Rider Pallet Truck Specifications**

Characteristics		SINOLIFT			
1.1	Manufacturer		SINOLIFT		
1.2	Operate type		EPT30RT	EPT35RT	
1.3	Moder designation		Battery	Battery	
1.4	Drive unit		Ride	Ride	
1.5	Load capacity	Q	kg	3000	3500
1.6	Load center	C	mm	600	600
Weights			kg	810	1430
2.1	Service weight (Incl.battery)				
Wheels, Chassis			PU/PU	PU/PU	
3.1	Tyre type, operator side/load side				
3.5	Wheels, number operator/load side(X=drive)		1/2/2	1/2/2	
Dimensions					
4.4	Lift height	H2	mm	140	140
4.15	Fork height, lowered	H1	mm	82.5	82.5
4.19	Overall length	L1	mm	2325	2325
4.21	Overall width	B4/B5	mm	915	915
4.22	Fork dimensions	H7/B2/L6	mm	60/230(260)/1190	60/230/1190
4.25	Fork spread, min/max	B1	mm	685	710
4.33	Aisle width, 1000x1200 pallet crossways	Ast	mm	2555	3765
4.35	Outer turning radius	Wa	mm	2064	2590
Performance			km/h	10.5/14.5	10.5/14.5
5.1	Travel speed, laden/unladen				
5.2	Lift speed, laden/unladen		m/s	30/33	30/33
5.3	Lowering speed, laden/unladen		m/s	40/38	40/38
5.8	Maximum gradeability, laden/unladen S2 5min.		%	6/15	6/15
5.1	Service brake			Electromagnetic	Electromagnetic
Drive			kw	4	4
6.1	Drive motor rating S2 60min.				
6.2	Lift motor rating at S3 15%		kw	2.2	2.2
6.4	Battery voltage/rated capacity(5h)		v/Ah	24/360	24/360
Others					AC ZAPI
8.1	Type of drive control				
8.4	Sound level at operator's ear		dB(A)		70

Truck dimensions



British System \*For metric conversion multiply inches by 25.4

Forks	Fork Width B1(inch)	Actual Fork Length L6(inch)	Turning Radius Wa(inch)	Wheelbase L3(inch)	Overall Length L1(inch)	Grade Clearance F(inch)	Weight(lbs)
Fork Dimensions(inch) 27" Wide							
27x36	27	35.5	68.9	55.8	80.1	38%	1175
27x48	27	46.9	81.2	67.8	91.5	30%	1254
27x60	27	59.5	99.8	67.8	104.1	25%	1354
28x96	28	95.6	101.9	88.6	140.2	17%	1595
Fork Dimensions(inch) 22" Wide							
22x36	22	35.5	68.9	55.8	80.1	38%	1175
22x48	22	46.9	81.2	67.8	91.5	30%	1254

Extended Fork Height.....	210 mm (8.25 inch)
Platform Step Height.....	260 mm (10.25 inch)
Standard Fork Overhang Length(L5).....	152 mm (6 inch)
Extended Fork Overhang Length(L5).....	886 mm (34.9 inch)
Individual Fork Width(B2).....	230mm (9 inch)
Individual Extended Fork Width(B2).....	254mm (10 inch)

Gradeability	Travel Power Head First - Variable	Travel Forks First - Variable
Without Load..... 15%	Empty..... 0 to 9.0 mph	Empty..... 0 to 7.1 mph
With Load..... 6%	Loaded..... 0 to 6.5 mph	Loaded..... 0 to 5.4 mph

\*Extended-rip Forks

<sup>1</sup> Estimated shipping weight without battery