



PTE 45

24-Volt Electric Power Pallet Truck

CAPACITY

4500 lbs.

BATTERY

24-volt industrial battery or battery pack. Minimum battery weight 480 lbs. AH capacity minimum/maximum 135/255. Battery compartment dimensions are 29.25" x 8.75" x 29" tall. Connector is SB-175 Gray.

SPEED

Curtis SepEx™ transistor travel control

Variable from 0 mph to 3.66 mph empty.
Variable from 0 mph to 2.86 mph loaded

WEIGHT

855 lbs less battery

TIRES

DRIVE

10.5" x 5" polyurethane

LOAD

3.15" x 4.75" polyurethane

HYDRAULICS

Lift cylinder is hard chrome. Pump unit including motor, gear pump, and solenoid actuated, pressure compensated lowering valves mounted high in the power compartment for ease service.

ELECTRICAL

Curtis SepEx™ transistor travel controller and separately excited Class H drive motor provide high torque throughout entire drive range. Travel speed remains constant relative to throttle position regardless of load on truck. No directional contactors. Master contactor operates with main on/off switch. Automatic resetting circuit breaker and fused circuit protection complete the 24V electrical system.

BRAKES

Drum brake is mounted on motor armature shaft multiply the braking power through the double reduction transmission. Brake is applied when control arm is within 12.5" of vertical or 28.7" from horizontal handle position.

CONTROLS

Travel lift/lower functions are located in the ergonomic operator handle. Designed to allow operation with either hand. Wrap around guard, reversing switch, thumb control, and horn are standard.

TRANSMISSION

Horizontally mounted drive motor is direct mounted to gear housing. Oil bathed double reduction helical end spur gear drive train transfers power to axle. Time proven basic design allows for long life and ease of maintenance.

BEARINGS

DRIVE WHEEL-Tapered roller bearings sealed in oil bath
LOAD WHEELS-Sealed ball bearings
TRANSMISSION-MOUNT-Vertical thrust and horizontal tapered load bearings—HD
FORK LINKAGE-Self lubricated heat treated bushing no lubrication needed.

ACCESSIBILITY

Removal of one piece power head cover exposes major components for inspection and maintenance. Drive tire can be removed with one nut.

STANDARD EQUIPMENT

- *Curtis* Transistor Travel Controller
- Thumb Control
- Key Switch
- Horn
- Hour Meter BDI Combo Gauge
- Reversing Switch

OPTIONAL EQUIPMENT

- Traction Tire
- Load Backrest
- Spring Loaded Stability Casters
- (2)12V 135AH Maintenance Free Battery Pack with Built-In 110VAC Charger
- (4)6V 180AH Maintenance Free Battery Pack with Built-In 110VAC Charger
- (1)24V 255AH Industrial Battery



PTE 45

Specifications

Electric Power Pallet Truck

| Model | PTE 45 | Power Pallet Truck |
|------------------------|--|------------------------|
| Characteristics | Capacity | 4500 lbs. |
| | Forks | 27" W x 48" L |
| | Wheel Material | Polyurethane |
| | Wheels (D=Drive L=Load) | 1D / 2L |
| Dimensions | Lift Travel Height | 4.7" |
| | Raised Height | 8" |
| | Fork Lowered Height | 3.25" |
| | Power Head Height | 32.4" |
| | Height to Control Handle-Raised Position | 50.6" |
| | Fork Length (Nominal) | 47" |
| | Fork Width | 7.28" |
| | Overall Fork Width | 27" |
| | Overall Truck Length | 80" |
| | Power Head Length | 25" |
| Overall Width | 30" | |
| Performance | Turning Radius | 66" |
| | Right Angle Stack with (40 x 48" Pallet) | 78.74" |
| | Travel Speed Loaded/Unloaded | 2.86 / 3.66 (mph) |
| | Gradeability Loaded | 10% |
| | Weight Chassis Only | 1076 |
| Wheels | Size of Drive Wheel | 10.5" x 5" Wide |
| | Size of Load Wheel | 3" x 4.7" Wide |
| | Wheel Base Lowered | 59.2" |
| | Wheel Base Raised | 56.9" |
| Brake | Travel Brake | Plugging |
| | Parking Brake | Mechanical |
| Power Head | Voltage/Amp Hour | 24-Volt/255 AH |
| | Minimum Battery Weight | 480 lbs. |
| | Battery Compartment | 29.25 x 8.75 x 29 |
| | Travel Motor | 1.25 HP |
| | Lift Motor | 3 HP |
| | Travel Controller | Curtis Transistor 1243 |



PTE 45



**Control Handle
Wraparound
Hand Guard**



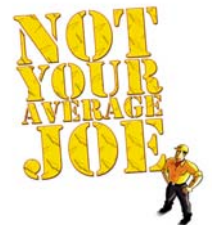
**- Optional -
Spring Loaded
Stability Casters**

12-Month Warranty

Big Joes factory authorized dealer network offers professional on-site service. For Big Joe "MAS" Fleet Management and "Parts Pro" after market support contact your Big Joe Sales Representative

Certification

All units are built to be in compliance with the Occupational Safety & Health Act (OSHA)



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