

WPT45 AC Power Pallet Truck

Low cost motorized pallet truck, ideal for crowded loading docks, work cells and congested aisles

CAPACITY

4500 lbs (2041 kg)

BATTERY—CHARGE

24-volt industrial battery or battery pack. Minimum battery weight 480 lbs (217.7 kgs). AH capacity minimum/maximum 180/255. Battery compartment dimensions are 26.37" x 8.46" x open (670 mm x 215 mm x open). Connector is SB-175 Gray—A-11.

SPEED

ZAPI AC O travel controller. Variable from 0 mph to 3.66 mph (5.9 kph) empty variable from 0 mph to 2.86 mph (4.6 kph) loaded.

WEIGHT

940 lbs (426 kgs) chassis only

TIRES / WHEELS

DRIVE 9" x 3" (229 mm x 76 mm) polyurethane
LOAD 3.3" x 4.5" (84 mm x 114 mm) polyurethane

HYDRAULICS

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

ELECTRICAL

ZAPI AC O travel control-inverter and matching Monarch drive motor provide high torque throughout entire drive range. Travel speed remains constant relative to throttle position regardless of load on truck. Automatic rise and fused circuit protection complete the 24V electrical system.

BRAKES

Electromagnetic brake is mounted on motor armature shaft multiplying the braking power through the ZF GK10 transmission. Brake is applied when control arm is in the vertical or 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. Creep speed function while steer handle is at 1.5° back-tilt from vertical. This allows for easy maneuvering at reduced travel speeds in tight places.



TRANSMISSION

Vertically mounted drive motor is direct mounted to gear housing. Oil bathed ZF GK10 hypoid bevel gear drive train 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.

BEARINGS

DRIVE WHEEL-Tapered roller bearings sealed in oil bath.
LOAD WHEELS-Sealed ball bearings.
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.



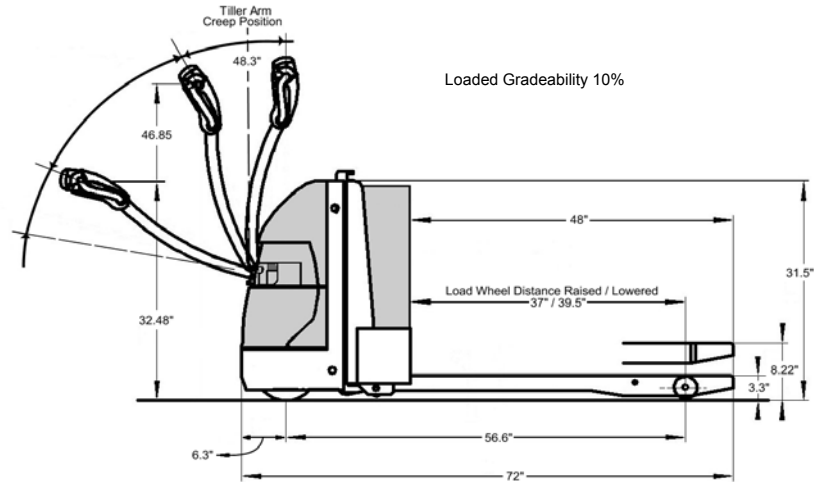
Pallet Trucks

WPT45 Power Drive Straddle Trucks

BLUE GIANT®

STANDARD EQUIPMENT

- Regenerative Neutral Braking
- Creep Speed Control
- Gas Assist Spring Handle
- Steel Wrap Around Bumper
- Finger Tip Control
- Press-on Polyurethane Drive Tire
- Low Battery Lift Interrupt
- Hour Meter BDI Combo Gauge
- ZAPI travel control
- ZF GK10 Drive
- Neutral braking



* For metric conversion multiply inches by 25.4.

OPTIONAL EQUIPMENT

- Fork Lengths and Fork Widths
- Load Backrest
- Stability Casters
- (4)6V 180AH Maintenance Free Battery Pack with built-in 110VAC charger
- (1) 24V 255AH Industrial Battery

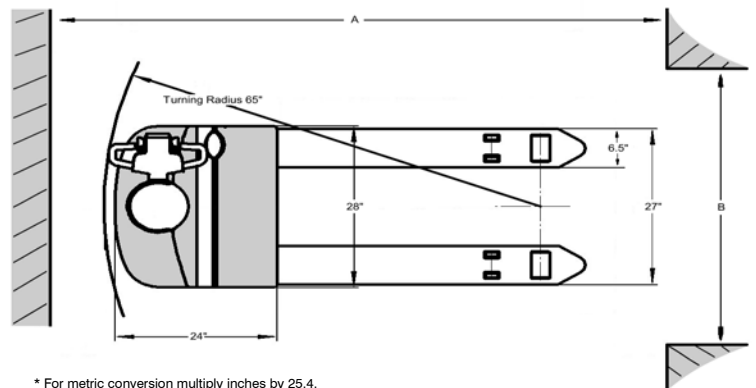
| Pallet Width | Pallet Length | | | | | |
|--------------|---------------|----|----|----|----|----|
| | 36 | | 42 | | 48 | |
| | A | B | A | B | A | B |
| 36 | 62 | 38 | 67 | 52 | 73 | 55 |
| 40 | 62 | 42 | 68 | 54 | 72 | 57 |
| 42 | 62 | 44 | 68 | 58 | 73 | 58 |
| 48 | 63 | 50 | 68 | 58 | 74 | 62 |
| 60 | 64 | 50 | 69 | 69 | 75 | 72 |

Note: Dimensions shown are zero clearance. Add 6-12" for maneuvering.

Data shown in inches. For metric conversion multiply inches by 25.4.

A - Right Angle Stack

B - Intersecting Aisle



* For metric conversion multiply inches by 25.4.



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AUTHORIZED DISTRIBUTOR

BLUE GIANT MATERIAL HANDLING DIVISION

BLUE GIANT offers a full line of Loading Dock Equipment including Dock Levelers, Vehicle Restraints, Dock Seals and Shelters and Material Handling Solutions. Concurrent with our continuing product improvement program, specifications are subject to change without notice. Please contact BLUE GIANT for latest information. Some features illustrated may be optional in certain market areas.