

PDH



STANDARD EQUIPMENT

- **Interlocked I-beam Mast.**
The premium steel mast construction features interlocked steel channel and I-beam design with rollerbearing surfaces for long mast life. Interlock channel and I-beam mast accommodates high lifting stresses and maintains load stability.
- **Large Direction Reversing "Belly-button" Impact Switch.**
Provides operator protection when traveling. Upon body contact, switch activates low speed away from the operator.
- **Versatile Braking Systems.**
Two-way mechanical linkage actuates an automotive-type disc brake when the handle is positioned in the top or bottom of its arc. "Dead-man" feature returns the handle to its upright position, cuts out travel power and auto-mechanically engages the brake if the handle is inadvertently released.
- **Industrial Rated Batteries.**
Built to withstand deep-discharge and recharging, industrial rated batteries contain heavy plates and separators. Hinged battery compartment covers provide easy access to batteries for maintenance.
- **Fully Protected Electrical System.**
Fully fuse protected, heavyduty industrial contactors are standard. All wiring is coded and has quick-disconnect terminals for easy servicing.
- **High Strength Construction.**
Unitized continuous welded steel in every Big Joe frame minimizes structural deterioration.
- **Emergency Power Disconnect.**
Externally mounted, quickrelease battery disconnect is readily accessible to remove all power from truck circuits in the event of an emergency.
- **Special Alloy Forks.**
Heavy-duty I.T.A. forks are heat-treated alloy steel and formed to preserve full strength at the fork heel. Bottom taper of 14 inches and beveled fork tips allow easy pallet entry and exit.
- **I.T.A. Class II Carriage.**
I.T.A. Class II Carriage makes changing from forks to attachments simple. No tools or pin removal are required. Changing outside fork dimension is equally easy.
- **Chrome Plated Lift Cylinder.**
For long life and low ram maintenance.
- **Pressure-Compensated Flow Control Valve** at base of lift cylinder regulates lowering speed.
- **V-Boxed Load Wheels on Straddle Legs.**
This straddle leg design not only protects load wheels, but its angular shape aids in positioning.
- **Wheels.**
4" polyurethane load wheels standard on all models. 3", 6" and tandem wheels are optional. 4" tandem standard on 4000 lb. trucks. Standard drive tire is 10-1/2" x 5" solid rubber, lug-type cushion tires. Drive wheel traction force and steering effort remain constant regardless of payload.

OPTIONS

- **Adjustable Straddle Option*.**
Available for the straddle I.D. range of 38" to 50". Adjusts in 4" increments. Will allow the truck to work with a variety of pallet sizes. Ideal if future pallet requirements change.
- **Full Free Lift.**
Allows fork carriage to extend to the top of the first stage before the second stage begins to extend. For lifting in areas limited by overhead clearance. Reduces lift and collapsed height 2" (consult factory).
- **Stepless Speed Control.**
Infinitely variable speed control is available.

Consult factory for other options and special configurations.

*Not available on PDH-40 or on Tri-Mast® models.

SPECIFICATIONS

Lifting Capacity: 2,000 - 4,000 lbs. at 24" load center

Lift Range: 60" - 194"

Power System: 12V/24V

Turning Radius: From 62"

Travel: transistor speed control

PDH-20 Series 24 Volt	
<u>PDH-20-60</u>	2,000 Lbs. @ 24"L.C. 60" Lift, 24V
<u>PDH-20-106</u>	2,000 Lbs. @ 24"L.C. 106" Lift, 24V
<u>PDH-20-130</u>	2,000 Lbs. @ 24"L.C. 130" Lift, 24V
<u>PDH-20-154</u>	2,000 Lbs. @ 24"L.C. 154" Lift, 24V
<u>PDH-20-168</u>	2,000 Lbs. @ 24"L.C. 168" Lift, 24V
<u>PDH-20-158</u>	2,000 Lbs. @ 24"L.C. 158" Lift, 24V
<u>PDH-20-194</u>	2,000 Lbs. @ 24"L.C. 194" Lift, 24V
PDH-25 Series 24 Volt	
<u>PDH-25-60</u>	2,500 Lbs. @ 24"L.C. 60" Lift, 24V
<u>PDH-25-106</u>	2,500 Lbs. @ 24"L.C. 106" Lift, 24V
<u>PDH-25-130</u>	2,500 Lbs. @ 24"L.C. 130" Lift, 24V
<u>PDH-25-154</u>	2,500 Lbs. @ 24"L.C. 154" Lift, 24V
<u>PDH-25-168</u>	2,500 Lbs. @ 24"L.C. 168" Lift, 24V
<u>PDH-25-158</u>	2,500 Lbs. @ 24"L.C. 158" Lift, 24V
<u>PDH-25-194</u>	2,500 Lbs. @ 24"L.C. 194" Lift, 24V
PDH-30 Series 24 Volt	
<u>PDH-30-60</u>	3,000 Lbs. @ 24"L.C. 60" Lift, 24V
<u>PDH-30-106</u>	3,000 Lbs. @ 24"L.C. 106" Lift, 24V
<u>PDH-30-130</u>	3,000 Lbs. @ 24"L.C. 130" Lift, 24V

PDH-30-154	3,000 Lbs. @ 24"L.C. 154" Lift, 24V
PDH-30-168	3,000 Lbs. @ 24"L.C. 168" Lift, 24V
PDH-30-158	3,000 Lbs. @ 24"L.C. 158" Lift, 24V
PDH-30-194	3,000 Lbs. @ 24"L.C. 194" Lift, 24V
PDH-40 Series 24 Volt	
PDH-40-60	4,000 Lbs. @ 24"L.C. 60" Lift, 24V
PDH-40-106	4,000 Lbs. @ 24"L.C. 106" Lift, 24V
PDH-40-130	4,000 Lbs. @ 24"L.C. 130" Lift, 24V
PDH-40-154	4,000 Lbs. @ 24"L.C. 154" Lift, 24V
PDH-40-158	4,000 Lbs. @ 24"L.C. 158" Lift, 24V
PDH-40-194	4,000 Lbs. @ 24"L.C. 194" Lift, 24V

