

JALDOOT

POWER PALLET TRUCK



■ CHASSIS

Built as two separate units, fork assembly and power unit chassis. Forks are formed of steel plate boxed at heel for rigidity. The power unit chassis carries the drive unit turntable bearings on heavy steel plate brackets. Two heavy duty side stabiliser castor wheel keep the truck stable when travelling on uneven ground.

■ DRIVE UNIT & TRANSMISSION

A series wound drive motor is mounted directly above the drive wheel in a steel casting bracket. Drive to the wheel is transmitted by a gear box through a primary chain and secondary gear box with hardened gears. Primary chain system provides for flexibility in altering the transmission reduction ratio. The entire system swivels on heavy duty ball and roller bearings.

■ ELECTRICAL SYSTEM

Electrical : Heavy duty contractors operated by micro-switches which in turn switch resistances in or out of the armature circuit to reduce or increase speeds.

Electronic : Electronic control uses solid-state devices to provide smooth, jerk-free starting and saves battery power.

■ BATTERY

A single unit battery of 24 volts positioned across the forks adjacent to the power unit chassis. Battery capacity : 162 Ah at 5 hour rate.

- High Performance Electronic Control.
- Gradient Start.
- Smooth Acceleration.
- Safe Operation with Integrated Handle.
 - Wrap Around Hand Guards.
 - Belly Button Safety Reversing Switch.
 - Electric Horn.
- Excellent Stability & Manoeverability.
- Compact Dimensions.
- Fast Battery Change.
- Exceptional Easy Access to All Components.
- Power Unit & Leg Assembly Independently Mounted.
- Twin Heavy Duty Hydraulic Jack System.
- Pull Type Tie Bar in place of Conventional Pushing Type to Prevent Common Problem of Bending of the Bars.
- Hydraulic Jacks are Subjected to only Axial Vertical Load and no pull as in conventional trucks resulting in reduced wear and prevention of Oil Leakage.
- Lifting and lowering of the leg assembly is fully guided by channel and wide contact low friction polymer pads.
- Heavy duty Spring Loaded castor wheel as standard to prevent side ways tilting during sharp turns.
- The fork carriage is an integrally welded unit channel forks, chain and pulley mechanism with pull bars.
- The integrally welded power unit frame in addition providing rugged structural base for max, durability also protects the truck components.
- Battery State of Charge Indicator.

■ CONTROLS

The control handle is spring loaded to the vertical position where a mechanical brake immobilises the truck. Forward Reverse Butterfly Flaps actuate micro-switches to choose direction of travel and speed. Lift of the fork is operated by a push button. Forks are lowered by a screw controlled hydraulic valve.

■ HYDRAULIC SYSTEM

The system is powered by a pump driven by an electric motor. The Twin lift cylinder raises the fork unit which slides on machined channels guided by low friction polymer pads. The vertical motion of jacks is transmitted to the fork through chain and pull rod which keep the forks level.

■ BRAKING

A pair of lined shoes acts on a drum mounted on the drive motor shaft. Braking positions are when the control handle is in the vertical or horizontal.

■ OPTIONAL EXTRAS

Electric horn, belly safety switch.