Retrofitable drive unit to motorize a manual pallet jack
**PowerPallet**

**RETFIT KIT ONLY**
Includes Items 1 through 5

1. **Drive Unit**
   High-torque brushless motor and drive arm kit.

2. **Mount Plates (A, B & C)**
   Specific to the pallet jack that is being retrofitted.

3. **Tiller Control Unit**
   Variable speed throttle connects to pallet jack.

4. **Battery Pack**
   45.6V NiMH.

5. **Battery Charger**
   100-250V Input NiMH 2A Output.

**PowerPallet**

**INSTALLED ON A JACK**
Includes Items 1 through 6

The PowerPallet Drive Unit can be installed on most ‘major brand’ pallet jacks. (Mount plates are required according to the model of jack).

‘Quick Lift’ is included as standard equipment on all PowerPallet Jacks.

Single or double fork wheels available.
### PERFORMANCE SPECIFICATIONS

<table>
<thead>
<tr>
<th>MODE TYPE</th>
<th>WAREHOUSE MODE</th>
<th>TRUCK MODE **</th>
<th>MANUAL MODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Travel Speed MPH (Fwd/Rev)</td>
<td>3.7 (Programmable) ***</td>
<td>1.5 (Programmable) ***</td>
<td>Manual</td>
</tr>
<tr>
<td>Lowering Speed</td>
<td>Controllable / Hydraulic</td>
<td>Controllable / Hydraulic</td>
<td>Controllable / Hydraulic</td>
</tr>
<tr>
<td>Max. Gradeability</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>Service Brake</td>
<td>250 lbf (1111N)</td>
<td>250 lbf (1111N)</td>
<td>Manual</td>
</tr>
<tr>
<td>Acceleration (Adjustable)</td>
<td>2.5 f/s²</td>
<td>2.5 f/s²</td>
<td>-</td>
</tr>
</tbody>
</table>

* If the pallet jack is rated less than 4,500 lbs, the combined rating would be the same as for the pallet jack.
** In Truck Mode the PowerPallet Jack can be driven with the handle in the vertical position, necessary in trucks / tight quarters.
*** The max. speed(s) in each mode can be set lower according to the owner’s preference.

### PLEASE NOTE:
- Dimensions shown are for a standard, PowerPallet supplied 27” x 48” jack. Many alternative sizes of jacks can be provided.
- Specifications are subject to change at any time without notice. Due to various configurations and tolerances, PowerHandling Inc. does not take responsibility for the accuracy of given data.
• **POWERFUL & FAST**
  Rated to 5,500 lbs with a user-settable maximum speed of up to 3.7 mph.

• **NEVER “DOWN”**
  Quick-charge battery packs.
  Switch back to a ‘manual jack’ in <15 sec’s.

• **ULTRA COMPACT**
  Same turning circle as for a manual jack.
  There’s nothing smaller!

• **EASY TO MANEUVER**
  Patented design means max. 400 lbs on the drive roller.
  (jack wheels supporting the remainder of the load).

• **INEXPENSIVE TO BUY**
  Complete package of Drive Unit.
  Battery & Charger from just **$1,695**.

• **ECONOMICAL TO OWN**
  Minimal maintenance...
  No service contracts necessary.

### MANEUVERABILITY

<table>
<thead>
<tr>
<th>Turning Radius</th>
<th>Same as for a Manual Jack (50.5” on a std 48” Jack)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall Length (Pallet Jack + PowerPallet)</td>
<td>Refer to Diagram</td>
</tr>
<tr>
<td>Overall Widths (Pallet Jack + PowerPallet)</td>
<td>Refer to Diagram</td>
</tr>
<tr>
<td>Very Light</td>
<td>160 lbs (Pallet Jack) + 45 lbs (Drive Unit + Battery)</td>
</tr>
<tr>
<td>Low Turning Force on Tiller (Upright Tiller)</td>
<td>16-18 lbf (70-80N) with approx. 1000 lbs load on pallet</td>
</tr>
</tbody>
</table>

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