Pecco PH6000-12D

Dual Car Construction Hoist

- Car head
- Gin pole
- Door opening
- Mast section 4'-11 3/8" x 2'-6" x 2'-6"
- Counterweight
- Ramp by contractor
- Foundation
- Door opening
- Mast tie
- Base enclosure
- 10'-0" minimum distance from last serviceable landing
- 35'-0" maximum above uppermost mast tie
- Spacing of mast tie: 17'-8" min. — 30'-0" max.

NOTE! Local jurisdiction may require max. mast tie spacing to be less than 30'-0"
WARNING: When using this anchoring alternative, the car MUST remain at ground level until first mast tie is installed. For dismantling, the car MUST be at ground level when removing bottom mast tie.

M30 ANCHOR DETAIL
Slab & Pit

IMPORTANT: ANSI A10.4 11.3 specifies a 1/2" to 2 1/2" (max.) clearance between car platform sill and landing sill. Verify before installing to assure compliance with applicable standards and codes.

Plan View - Slab

IMPORTANT! Verify that the use of a slab foundation conforms to all applicable federal, state and local standards and codes PRIOR to installation.

NOTES:
1. Foundation pad: 14'-0" x 14'-1" x 1'-0" with 3,625 psi concrete @ 28 days.
2. Reinforcing bars are ASTM 615-60.
3. Foundation based on 500-ft mast height. For greater heights, consult Morrow engineering.
4. Foundation pad designed for a minimum soil bearing of 1000 psf.
5. Check method of installing mast tie. This may determine the location of the foundation pad.

Morrow Equipment Co., L.L.C.
NOTES:
1. Foundation pad: 14'-0" x 14'-1" x 4'-0" with 3,625 psi concrete @ 28 days.
2. Pit size: 13'-2" x 13'-3" x 3'-0".
3. Reinforcing bars are ASTM 615-60.
4. Wire mesh is ASTM A185.
5. Foundation based on 500-foot mast height. For greater heights, consult Morrow engineering.
6. Foundation pad designed for minimum soil bearing of 1,000 psf.
7. Be sure to check method of mast tie installation. This may determine location of foundation pad.
**SPECIFICATIONS**

**Pecco Construction Hoist**  
**Dual Car Model PH6000-12D**

**GENERAL**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Load capacity</td>
<td>6,000 lbs (each car)</td>
</tr>
<tr>
<td>Car inside (approx.)</td>
<td>4’-10 1/2” x 12’-6” x 8’-8”</td>
</tr>
<tr>
<td>Door opening</td>
<td>4’-7” x 6’-6”</td>
</tr>
<tr>
<td>Usable floor area</td>
<td>60 sq ft (each car)</td>
</tr>
<tr>
<td>Mast section length</td>
<td>4’-11 3/8”</td>
</tr>
<tr>
<td>Speed</td>
<td>120/240 fpm</td>
</tr>
<tr>
<td>Motors</td>
<td>2 x 20 hp (each car)</td>
</tr>
</tbody>
</table>

Max. height on standard masts...1,000’  
Max. freestanding mast height*...40’-0”  
*Applies to M30 anchor configuration only.

Max. mast overhang above top mast brace...35’-0”  
Maximum mast tie spacing...12’-0”  
Minimum mast tie spacing...17’-8”  
Recommended electrical service...2 x 100 Amps  
Power requirement...480 Volt - 3 phase - 60 Hz

1 IMPORTANT!  Local jurisdiction may require maximum mast tie spacing to be less than 30’-0”. Contact Morrow engineering for relevant information.

**WEIGHTS**

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Base enclosure</td>
<td>4,300 lbs</td>
</tr>
<tr>
<td>Counterweight (each car)</td>
<td>7,700 lbs</td>
</tr>
<tr>
<td>Hoist car (each car)</td>
<td>5,700 lbs</td>
</tr>
<tr>
<td>Mast section (standard)</td>
<td>450 lbs</td>
</tr>
</tbody>
</table>

**SAFETY FEATURES**

- Fail-safe brakes on both hoist motors.
- Heavy-duty overspeed governor activates safeties that clamp directly onto mast legs.
- Stop and final limit switches limit hoist car travel when reaching end positions.
- Extra large safety shoes combine maximum braking with minimum wear.
- Door interlock switches prevent operation of hoist with doors open.
- Spring buffers.
- Rugged, all-steel car.

**OTHER FEATURES AND NOTES**

- Adding mast sections does not require special equipment. The PH6000-12D is completely self-erecting.
- For instructions regarding installation and operation of the PH6000-12D dual car hoist, refer to operation manual.
- Specifications are subject to change without prior notification.
- Drawings are for illustrative purposes only. Do not scale.
- For other configurations, contact Morrow engineering for information.
- This product must be used in a safe manner. Furthermore, use of this product and its components must be in conformity with manufacturers’ specifications and in compliance with all applicable standards, codes, regulations, etc.
- Please refer to operation manual before installing, operating, servicing or dismantling PH6000-12D hoist.

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