



Tele-Pro Davit Crane Specifications

Telescoping davit crane with manual winch

OZTP2500DAV – 2500 lb. capacity

Technical Specifications

Manufacturer:	OZ Lifting Products
Load Capacity:	1300 lb. (589.67 kg.) to 2500 lb. (1133.98 kg.)
Hook Reach:	28.95 in. (735mm) to 82.46 in. (2094mm)
Hook Height:	31.27 in. (794mm) to 100.45 in. (2551mm), dependent upon base selection
Patent:	11453578
Safety Factor:	3:1 for all components in all positions

1. FUNCTIONALITY

- A. Manufacturer: Davit crane shall be of domestic manufacture, as manufactured by OZ Lifting Products, OZTP2500DAV.
- B. Load Capacity: Davit crane shall have a load capacity which varies based on boom position. Davit crane load capacity shall be 2500 lb. (1133.98 kg.) with the boom fully retracted and 1300 lb. (589.67 kg.) with the boom fully extended.
- C. Design Factor: Davit crane shall be designed with an ultimate design factor of 3:1 for all components, in all boom positions.
- D. Proof Testing: Davit crane shall be individually proof tested by manufacturer to 125% of rated load.
- E. Certified Welding: OZ Lifting Products Tele-Pro davit crane welding processes are in conformance with AWS welding codes.
- F. Hook Reach: Davit crane boom shall be a non-fixed type that is infinitely adjustable to different lengths allowing hook reach from: 28.95 in. (735mm) to 82.46 in. (2094mm).
- G. Height Adjustments: Davit crane boom shall be infinitely adjustable from horizontal to +45 degrees above horizontal by means of a ratchet binder.
- H. Boom Sheave: Davit crane shall have a sheave at the end of the boom that the cable shall pass over.
- I. Height Clearance: When used with a socket base, davit crane shall have a minimum clearance of 34.80 in. (884mm) between the mounting surface and underside of boom. When used with a pedestal base, davit crane shall have a minimum clearance of 48.55 in. (1233mm) between the mounting surface and underside of boom. When used with a wall base, davit crane shall have a minimum clearance of 33.55 in. (852mm) between the mounting surface and underside of boom.
- J. Portability: Davit crane shall have the ability to be completely assembled and disassembled without tools, with a total weight not to exceed 380 lb. (172 kg.), exclusive of winch and cable.
- K. Rotation: Davit crane shall freely rotate 360 degrees in mounting base.
- L. Handle: Davit crane shall include rotational handle, which is a removable, slip-fit component requiring no tools for installation.
- M. Pins: Davit crane components shall be assembled using clevis-style pins made from RoHS-compliant, corrosion-resistant, zinc-plated alloy steel.
- N. Grease Zerk: For ease of maintenance, grease zerks are located on the davit crane boom for linear bearing and lead screw lubrication, as well as on the ratchet binder. High-pressure moly grease is recommended for zerk lubrication.
- O. Winch mounting: Davit crane shall have a dedicated winch mounting surface located on the top of the boom to accept either a manual or electric winch.
- P. ID Tag: Davit crane shall be labeled with a non-corrosive identification plate made from metalized polyester with permanent industrial adhesive, attached, and labeled or imprinted to include

manufacturer's name, serial number, model number, load capacity, contact information, and other pertinent information.

2. BASES

- A. Manufacturer: Davit crane bases shall be of domestic manufacture, as manufactured by OZ Lifting Products, OZPED4, OZSOC4, and OZWALL4.
- B. Base Style: Davit crane shall utilize purpose-built pedestal, socket, and wall-mount, not those of universal design. (OZPED4, OZSOC4, and OZWALL4)
- C. Davit crane bases shall be finished with RoHS-compliant corrosion-resistant, exterior-grade powder coat.
- D. Usage: Bases shall allow davit crane mast to be installed and removed easily, with no tools.
- E. Bearing surfaces: Base shall have a Nylatron plastic bushing sleeve, while also having a puck at the bottom to positively engage and support mast rotation.

3. FINISH

- A. Materials: Davit crane shall be domestically made from steel meeting ASTM standards. Bases and pins shall be domestically made from steel meeting ASTM standards. Clevis-style pins shall be made from RoHS-compliant, corrosion-resistant, zinc-plated alloy steel.
- B. Finish: Davit crane and bases shall be finished in RoHS-compliant corrosion-resistant, exterior-grade powder coat. Pins shall be finished in corrosion-resistant zinc-plated finish.
- C. Operating Temperature: Davit cranes can be used outdoors within a temperature range of -40°F (-29°C) to 140°F (60°C).

4. WINCHES

- A. Manual Winch: Winch shall be manual brake winch type, utilizing a Weston style load holding brake, a quick-disconnect removable handle, bronze bearings, and available drill drive adapter. (OZWINHND2)
- B. Winch Capacity: Load capacity of the winch to be appropriately sized to match that of the davit crane.
- C. Finish: Winch shall have zinc-plated and/or powder-coated parts.
- D. Wire Rope Attachment: Winch shall facilitate wire rope attachment via either a standard cable anchor clamp, or a swaged ball end fitting.

5. ACCESSORIES

- A. Headache Ball: To apply tension to wire rope when not under load. Compatible with 3/16" and 1/4" wire rope. (OZHB10)
- B. Locking Collar: Keep davit crane secure and prevent accidental rotation with this durable and easy-to-use locking collar. (OZ100025, LC4)
- C. Wire Rope Holder: Secure davit crane's swaged ball end fitting wire rope to be inserted into the slot on the wire rope holder to allow wire rope to remain in place. Wire rope holder made from steel and powder coated for long-lasting durability. (OZWRH)
- D. Drill Drive Adapter: Convert a manual winch to a powered lifting solution with any electric drill using this drill drive adapter. (OZWINDDA2)