



Special Purpose Winches

The ATLAS Construction Winch

- **Machine cut worm gears** provide accurate operation and long lasting service.
- **Enclosed oil bath** provides continuous lubrication of gears to minimize wear. Oil seals keep oil in and dirt out.
- **Internal mechanical brake** provides positive load control for lifting and lowering operations.
- **Ball bearings** and self-aligning bronze bearings provide smooth, efficient operation.
- **Pressure plate** applies pressure to drum and wire rope to help maintain uniform winding. Not available on clutch models.
- **Dual function cable anchor** for quick disconnect of wire rope with swaged ball fitting, or recessed cable anchor with set screw for wire rope with unfinished end.
- **Clutch model** allows operator to manually disengage the drum to rapidly unwind the wire rope. **Clutch models do not include pressure plates.**



Mounting options include floor, wall or ceiling.

- **Cast aluminum construction** for lightweight strength.
- **Corrosion resistant** durable paint finish protects against corrosion in harsh environments.
- **Large diameter drums** minimize wear to the wire rope and help extend its life.
- **2 Year Limited Warranty**

Model	Description	Load Rating 1st Layer	Load Rating Full Drum	Wire Rope Diameter	1st Layer Line Speed	Full Drum Capacity	Approx. Ship Weight
4WP2T8	115/1/60 VAC 16 ft Pendant	2000 lb	800 lb	1/4 in	8 fpm	280 ft	101 lb
4WP2T8-PN	Pneumatic - with Controls	2000 lb	800 lb	1/4 in	8 fpm	280 ft	95 lb
4WP2D8	115/230/460 volt / 3 phase	800/1500 lb	330/600 lb	1/4 in	26/40 fpm	280/190 ft	100 lb
Actual drum capacities may be 25-30% less, due to nonuniform winding. Tension in the wire rope will also affect drum capacity.							

Portable Davit Cranes



- Crane rotates 360°
- Adjustable Boom with 2 different positions for operation. Series 5110 and 5124 have booms that telescope to 4 different lengths and adjust in height while under load with ratchet style screw-jack.
- Crane breaks down for storage and transport.
- The models shown are Spur Gear Hand Winch Operated. Series 5110 and 5124 have worm gear hand winch or electric winch driven options.
- Quick Disconnect Anchor for quickly attaching or removing wire rope equipped with a swaged ball fitting.
- Independent bases are sold separately. Bases are available in Pedestal, Socket or Wall mount styles as well as Wheel bases. Base installation is the purchaser's responsibility. Thern recommends consulting a civil engineer or other qualified professional.
- Wire rope assemblies are sold separately and are available in galvanized or stainless steel with the swaged ball fitting attached.

Spur Gear Hand Winch Driven Portable Davit Crane Specifications

Model	Description	Load Rating Max.	Load Rating Extended	Wire Rope Diameter	Hook Reach	Approx. Ship Weight	Lift below floor level (min - max)
5122M1	Hand winch operated	500 lb	500 lb	3/16 in	35 - 42 in	68 lb	9 - 35 ft
5110M1	Hand winch operated	1000 lb	500 lb	1/4 in	36 - 66 in	160 lb	1 - 45 ft
5124M1	Hand winch operated	2000 lb	1000 lb	1/4 or 5/16 in	28 - 81 in	253 lb	0 - 44 ft
Hook Reach and Lift Below Floor Level vary depending on boom position and base configuration.							