

Industrial Equipment Solutions

// **SERVING YOU FOR 25 YEARS**

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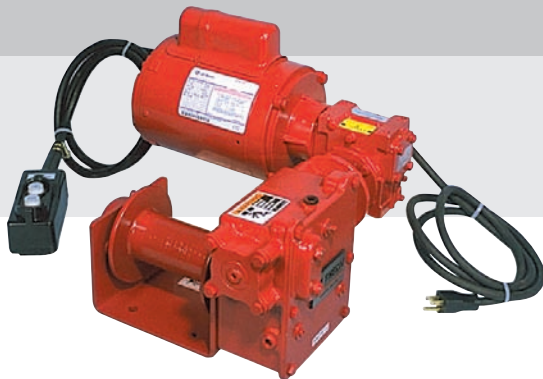
THERN - WINCHES

Thern Series

Construction, manufacturing and process sites have plenty of general pulling and lifting jobs where overhead hoists or fixed installations are impractical. Atlas compact power winches lift or pull with 2,000 lbs of force and are easily moved from place to place around your work site.

- Machine cut bronze worm gearing
- Cast aluminum gear case for continuous oil bath
- Oil seals keep oil in and dirt out
- Internal mechanical wet brake provides positive load control for lifting
- Ball bearings and self-aligning bronze bearings support shafts
- Cast aluminum large diameter drum
- Dual function cable anchor for quick disconnect or recessed anchoring
- Pressure plate helps maintain uniform winding
- Install to floor, wall or ceiling
- Clutch model available – does not include pressure plate
- Wire rope sold separately

Thern Series 4WP2T8 – \$2400



Thern Series 4WP2D8 – \$2300



441 Rennie Street T 905.545.1234
 Hamilton, Ontario F 905.545.1270
 L8H 3P6 Canada 1 (800) 461.1847

sales@equipmentcorps.com

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TERN – AIR TUGGERS

TA Series

The line of Thern TA Series Air Powered Winches has been developed through extensive customer input and testing. With reliable radial piston air motors and rugged heavy duty construction, these winches are designed for years of dependable operation.

The compact design with planetary reducer inside of the drum allows for the TA Series Winch to be used in tight locations. TA Series Winches are designed to allow for easy modification to suit specific application requirements, these include special drum diameters and lengths, grooved drums, speed changes and special finishes.

- Welded steel frame and drum
- Radial piston air motor
- Minimum 18:1 D:D ratio
- Meets ASME B30.7 design requirements
- Manual band brake rated at 150% winch capacity
- Motor mounted control valve
- Two year limited warranty



TA2 Series

	TA2-24-7200-30	TA2-16-7200-30	TA2.5-24-7200-70	TA2.5-16-7200-70	TA5-30-18000-30	TA7-36-23600-20
Line Pull 1st Layer	7,200 lb	7,200 lb	7,200 lb	7,200 lb	18,000 lb	23,600 lb
Line Pull Mid-Drum	5,700 lb	5,700 lb	5,900 lb	5,900 lb	14,000 lb	19,000 lb
Line Pull Full Drum	4,700 lb	4,700 lb	5,000 lb	5,000 lb	11,500 lb	15,900 lb
Line Pull 1st Layer	30 fpm	30 fpm	69 fpm	69 fpm	27 fpm	19 fpm
Line Pull Mid-Drum	38 fpm	38 fpm	84 fpm	84 fpm	35 fpm	24 fpm
Line Pull Full Drum	46 fpm	46 fpm	100 fpm	100 fpm	42 fpm	29 fpm
Drum Cap. 1st Layer	130 ft	83 ft	110 ft	71 ft	150 ft	120 ft
Drum Cap. Mid-Drum	570 ft	380 ft	390 ft	260 ft	680 ft	520 ft
Drum Cap. Full Drum	1270 ft	850 ft	860 ft	580 ft	1520 ft	1150 ft
Input HP	6.7 hp	6.7 hp	15.7 hp	15.7 hp	15.4 hp	14.4 hp
Max. Stall Pull 1st Layer	9,000 lb	9,000 lb	11,000 lb	11,000 lb	33,000 lb	38,000 lb
Wire Rope Diameter	.5 in	.5 in	.63 in	.63 in	.75 in	.88 in
Drum Diameter	11.5 in	11.5 in	12.75 in	12.75 in	16 in	20 in
Flange Diameter	20 in	20 in	21 in	21 in	28 in	33 in
Drum Width	24 in	16 in	24 in	16 in	30 in	36 in
Pressure	90 psi	90 psi	90 psi	90 psi	90 psi	90 psi
Flow	250 scfm	250 scfm	550 scfm	550 scfm	550 scfm	550 scfm
Pipe Inlet Size	1 in	1 in	1.5 in	1.5 in	1.5 in	1.5 in
Hose Size	1.25 in	1.25 in	1.5 in	1.5 in	1.5 in	1.5 in
Approx. Ship Weight	1060 lb	975 lb	1700 lb	1615 lb	2700 lb	3900 lb