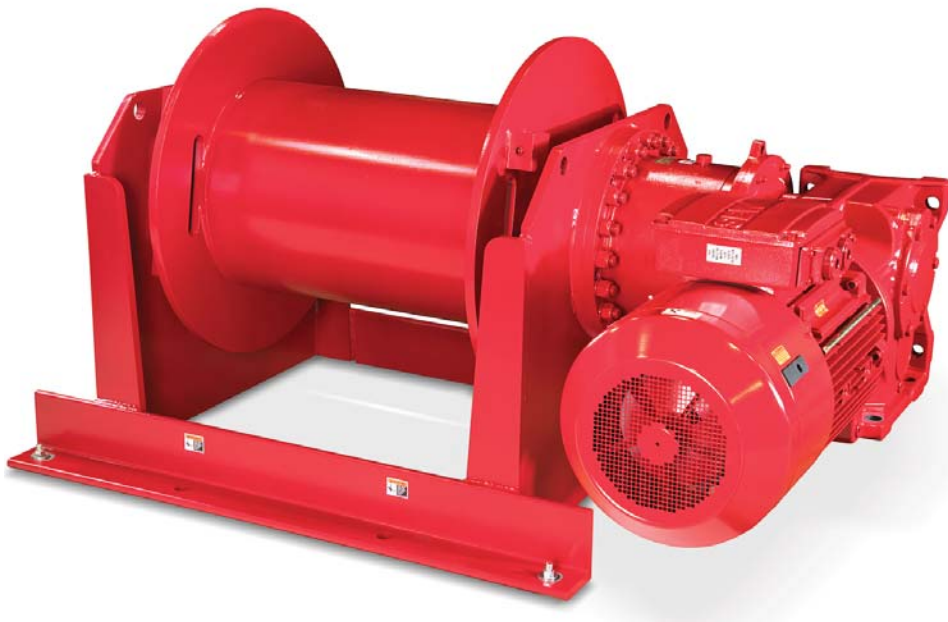


4HBP SERIES POWER WINCHES

Thern 4HBP series power winches feature high efficiency helical-bevel/planetary gearing making them ideal for heavy-duty applications requiring long travel distances and quick line speeds.

The enclosed, direct-drive gearing design delivers dependable operation and helps reduce maintenance, while a modular design means we can easily customize these winches to meet exact specifications.



WELDED STEEL DRUM with flange anchors allow for uniform winding and help extend life of wire rope. Anchors allow cable to be over wound or under wound from either side of the drum.

CONTINUOUS SOLID STEEL DRUM SHAFT for uniform loading.

WIRE ROPE ASSEMBLIES sold separately per customer request.

ANSI B30.7 COMPLIANCE is available. Please contact the factory.

2 YEAR MOVE IT WITH CONFIDENCE LIMITED WARRANTY leads the industry.

FLANGE MOUNTED MOTOR is a 230/460 volt 3 phase, 60 cycle, IP 54, TEFC severe duty, reversible, class F insulated, continuous duty brakemotor.

Standard motors comply with relevant standards including NEMA, MG1, ANSI, CSA, IEC and ABS.

LOAD HOLDING MOTOR DISC BRAKE is spring set, electrically released for positive load control.

DIRECT DRIVE GEAR REDUCER with helical-bevel/planetary gearing delivers high efficiencies up to 88% making winches well suited for heavy-duty applications requiring long travel distances and faster line speeds.

The heat treated helical-bevel/planetary gear set provides improved durability and operates in an oil bath, enclosed in a high strength cast iron gear case, SAE class 30. Double-lip oil seals keep oil in and contaminants out. Large capacity bearings ensure long life. Speed reducers meet AGMA standards.

PLANETARY GEAR DRIVE is a compact design that results in a lighter weight winch compared to conventional gearing. Planetary gearing also provides a high peak load capacity.

FLANGE STYLE ROLLER BEARINGS are self-aligning with cast housings to maintain smooth drum rotation.

4HBP SERIES POWER WINCHES

	Load Rating	Line Speed
4HBP Series	35,000 - 100,000 lbs	up to 70 fpm

OPTIONS AND ACCESSORIES

DRUM MODIFICATIONS (A) include grooved drums, multiple compartment drums and modified drum widths and diameters.

WINCH MOUNTING OPTIONS include base, wall or under hung installation.

CABLE PRESSURE BARS (B) help maintain uniform winding of wire rope.

LIMIT SWITCHES (C) provide secondary shut-off for load travel in one or two directions.

MOTOR OPTIONS include air or hydraulic, voltage or phase changes, IP 55 or IP65, Class H insulated and multi-speed operation.

DUTY RATINGS include IEEE 45 marine duty, tropical duty, severe duty and explosion proof ratings.

BRAKE OPTIONS include over-speed, caliper style, band, and more.

CONTROLS (D) are available in a wide range of standard and custom configurations for single or variable speed.

CORROSION RESISTANT FINISHES for harsh or hazardous environments.

MANUAL OVERRIDES for winch operation in power loss situations.



Shown with double compartment drum modification.



Shown with cable pressure bar and grooved drum modification.



Shown with RLS option.



Standard control option.