

# TR Series

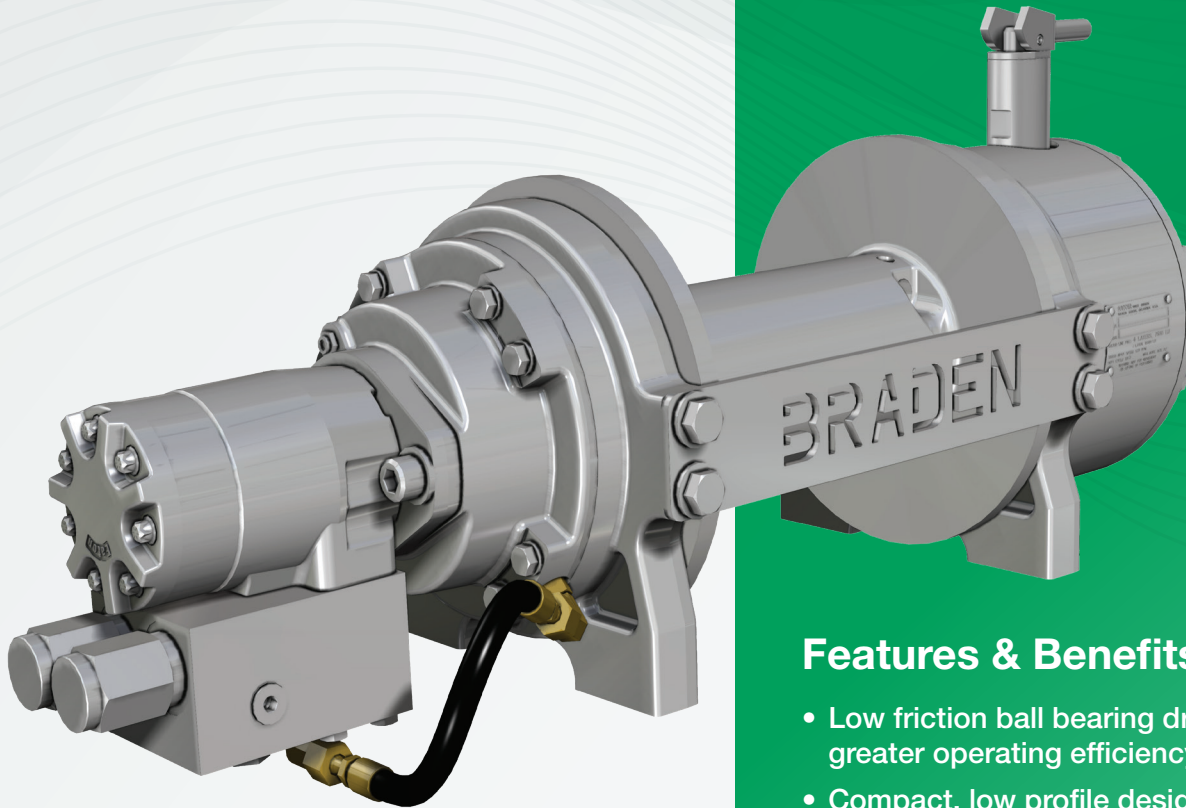
TR12 | TR15 | TR20 | **TR30**



Authorized Distributor:  
Pacific Marine & Industrial  
www.pacificmarine.net  
info@pacificmarine.net

# BRADEN<sup>®</sup>

A PACCAR COMPANY



## Features & Benefits

- Low friction ball bearing drum for greater operating efficiency
- Compact, low profile design can be mounted upright or low
- Long drum available for TR20 and TR30
- Wear resistant urethane brake seals
- Oil bath lubrication for serviceability and long life
- Manual or air actuated freespool clutch
- SAE J706 compliant
- EN 14492\* compliant (optional)

*\*TR20 and TR30 only*

TR Series planetary winches are designed for stand-alone use on trailers, as well as towing and self-recovery applications. The highly efficient and rugged design of the gear train allows for fast line speeds and continuous winch operation. With versatile mounting options and line pull ratings from 12,000 lb (5,443 kg) to 30,000 lb (13,608 kg), TR Series winches are easily adaptable to multiple applications.



## Applications

- Towing & Recovery
- Utility
- Trailer

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CARGO  
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# TR30 Recovery Winch

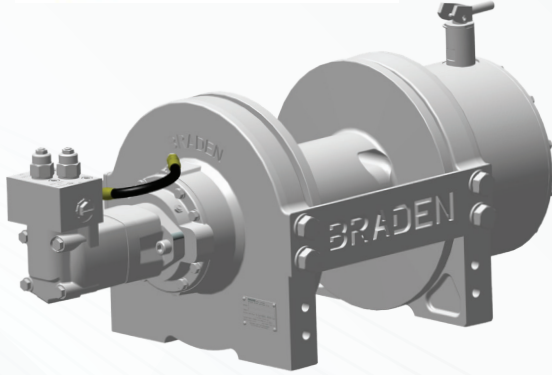
30,000 lb (13,608 kg) Rated Line Pull

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<b>Gear Ratio</b>	30.4:1
<b>Approx. Unit Weight</b>	350 lb (158 kg) Short / 380 lb (172 kg) Long
<b>Standard Motor</b>	11.9 CID
<b>Drum Size</b>	5.75" (146 mm) Barrel x 13.3" (338 mm) Flange x 8.5" (215 mm) Short or 13.75" (349 mm) Long Between Flanges
<b>Rope Diameters (Wire or Synthetic)</b>	5/8" (16 mm) <i>Synthetic Rope Anchor (PN 113316) available</i>
<b>D/d Ratio (Wire Rope)</b>	9:1
<b>Drum Freespool</b>	Manual or Air
<b>Cable Management Options</b>	Cable Roller, Tension Plate, Roller Fairlead

Specifications are representative of common configuration. Consult factory for additional options.

## Performance (TR30A-30119-01)

	Layer 1	Layer 2	Layer 3	Layer 4	Layer 5	Layer 6
<b>Line Pull*</b>	30,000 lb (13,6082 kg)	25,080 lb (11,376 kg)	21,540 lb (9,770 kg)	18,880 lb (8,564 kg)	16,810 lb (7,625 kg)	15,140 lb (6,867 kg)**
<b>Line Speed*</b>	28 fpm (8.7 mpm)	34 fpm (10.2 mpm)	39 fpm (11.8 mpm)	44 fpm (13.3 mpm)	49 fpm (14.9 mpm)	55 fpm (16.8 mpm)**
<b>Short Drum Capacity</b> 5/8" (16 mm)	20 ft (6.1 m)	44 ft (13.4 m)	73 ft (22.3 m)	105 ft (32 m)	141 ft (43 m)	182 ft (55.5 m)**
<b>Long Drum Capacity</b> 5/8" (16 mm)	33 ft (10.1 m)	72 ft (21.9 m)	118 ft (36 m)	171 ft (52.1 m)	230 ft (70.1 m)	295 ft (89.9 m)**

\*Based on pressure of 2,500 psi (172 bar), 30 gpm (113.5 lpm), 5/8" in (16 mm) rope and 11.9 CID motor.  
Actual performance will vary dependent on hydraulic system, motor, drum and cable sizes.

\*\*Does not meet SAE J706.

## Dimensions (TR30A-30119-01 shown. Additional technical information available at www.paccarwinch.com.)

