

# TORK WINCH Specification Sheet

Revision Control No: 2000-S1

**Product Name**  
**Model Number**

**Basketball Backstop Winch**  
**TW2000**

## Specifications

Max. Safe Working Load	Designed to lift a vertical weight of 1000 lbs. / 453kg., a backstop assembly weighing 1800 lbs. / 820 kg.
Load type	Vertical lifting, pulling on a slope or pulling horizontally.
Rope type	1/4" / 6 mm 7 x 19 aircraft cable. Rope not supplied with winch.
Rope Travel	25 feet / 7.5 meters on one layer. A second layer, for 45 feet / 13.5 meters total, may be wound on if required.
Rope Speed	12 feet per minute / 3.5 meters per minute
Electrical Characteristics	110 Volts, 60 cycle. <i>Other voltages and frequencies on special order</i>
Motor	1 HP / .75 KW.
Full Load Amperage	13 amps.
Motor Type	Instant reverse, low maximum current draw design, thermally protected.
Duty Cycle	Standard: 10 minutes on, 20 minutes off. <i>Other duty cycles may be available with alternative motors. Submit details of application to factory.</i>
Gear Reduction	Proprietary composite self lubricating gearing with no oil bath.
Rope Drum	Grooved for accurate winding. Supported in large diameter ball bearings and with positive, through the drum type rope anchoring.
Braking	Double, self-locking worm gearing plus passive uni-directional brake.
Pressure Roller	Constant pressure type with torsion spring mounting.
Limit Switches	Heavy duty upper and lower switches, gear driven for high accuracy. Maximum travel 45 feet / 13.8 meters.
Frame Construction	Precision interlocking steel frame for high rigidity and precise alignment. Semi enclosed for safety. Powder coated for corrosion resistance.
Weight (as shipped)	64 lbs.

### Warning:

For indoor use only

Not to be used for lifting people.

Not to be used for lifting things over people without a safety locking device or an automatic fall arrester system in place.

## Other Related Documents

2000-01 Outline Drawing

2000-WD Wiring Diagram

2000-INS Installation Instructions

*Specifications subject to change without notice.*