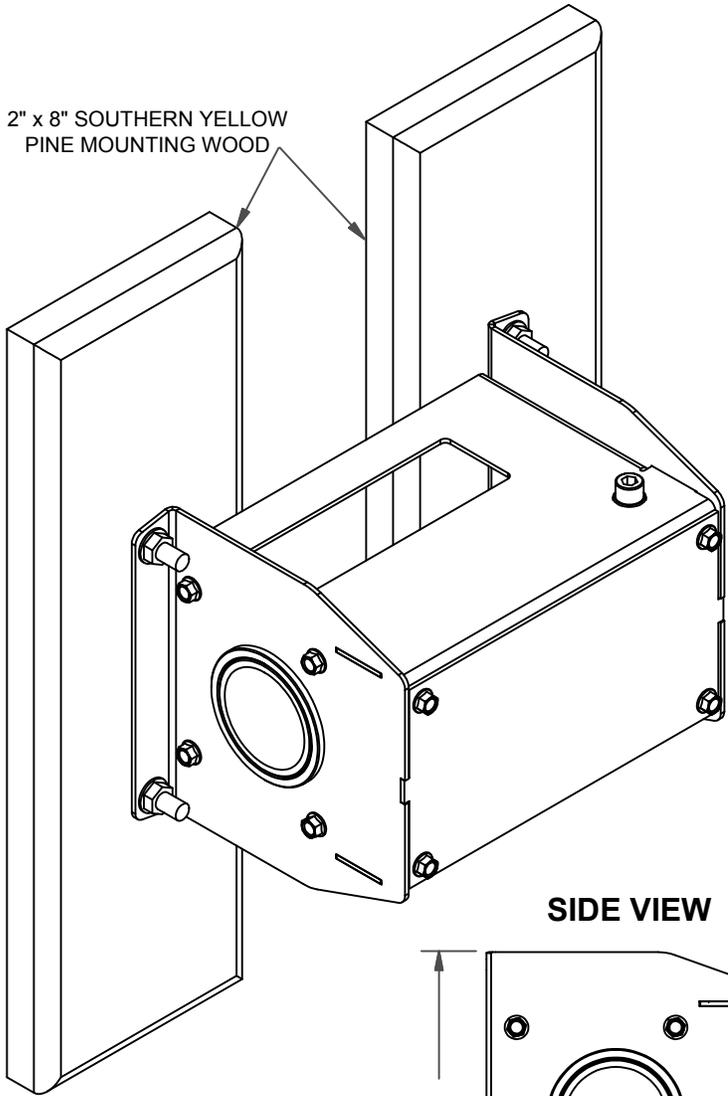


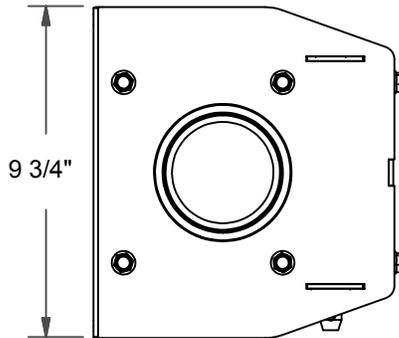


TW-700M - TorkWinch® MANUAL BACKSTOP WINCH

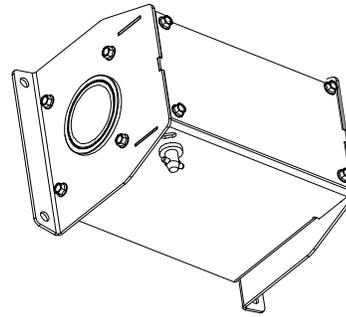
2" x 8" SOUTHERN YELLOW PINE MOUNTING WOOD



SIDE VIEW

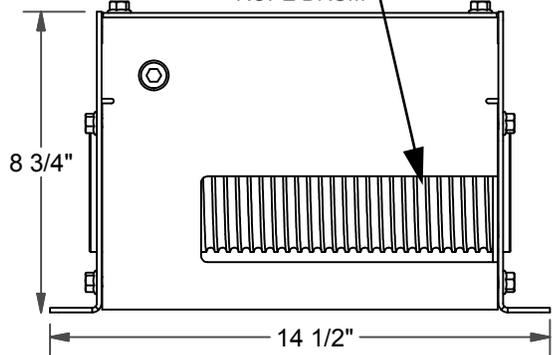


9 3/4"



TOP VIEW

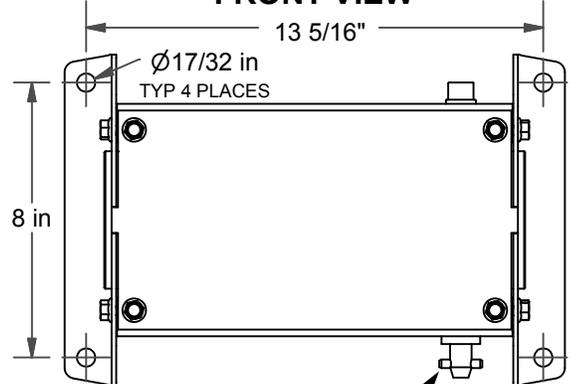
GROOVED ALUMINUM ROPE DRUM



8 3/4"

14 1/2"

FRONT VIEW



13 5/16"

8 in

Ø17/32 in
TYP 4 PLACES

CRANK INPUT
CONTAINED WITHIN HOUSING
TO PREVENT INJURY

PROJECT NAME _____

PROJECT NUMBER _____

ARCHITECT _____

CONTRACTOR _____

NOTES _____



INNOVATION, PERFORMANCE
AND COMMITMENT SINCE 1953

TW-700M

MANUAL BACKSTOP WINCH

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Sheet 1 of 2



SPECIFICATION SHEET

The basketball positioning TW-700M *TorkWinch*[®] shall be a definite purpose manual winch designed specifically for use on basketball backstop positioning applications. The TW-700M shall be designed to the highest standards in terms of safety, simplicity of installation, space efficiency, attractive appearance and ease of use.

The winch housing will be made of a laser cut and formed steel designed for ease of mounting. Winch housing input shaft shall not extend beyond winch housing to reduce the possibility of injury from an extended type shaft. Input shall be a 5/8" round with internal locking pin for use with a special socket type hand crank provided, or with an optional operator (specify). One hand crank will be supplied per job. Winch housing must be capable of receiving and engaging a special anti-torque safety bracket when a portable electric operator is used to reduce possibility of injury when using an electric operator. Winch housing shall be finished with durable black powder coat.

The cast aluminum cable storage drum shall be grooved for a 1/4" 7 x 19 aircraft cable to facilitate smooth take-up of the cable and proper spooling of the cable and shall travel 25 feet / 7.7 meters on one (1) layer, 45 feet / 13.7 meters on two (2) layers. Cable speed shall be 0.44" per turn of crank (650 turns to wind in 25 feet). The backstop winch shall deliver at least 1000 lbs. / 450 kg. of line pull. Drum shall be directly supported at the cable-winding diameter for maximum strength and rigidity. Drum shall be supplied with a pressure roller, with torsion spring tensioning, to ensure that the cable "tracks" in the grooves even under slack cable conditions. The TW-700M shall employ a double worm reduction system and uses composite material to provide superior strength and life as well as being completely oil-free. The TW-700M shall require no liquid lubricants and no V belts or chains thereby eliminating maintenance to the owner while increasing safety. The TW-700M shall have a unique uni-directional worm brake, together with the inherently self locking composite worm drive, assures positive dynamic braking and reliable holding of the cable drum.

Winch shall be provided for wall mounting with (2) 2" X 8" X 24" long yellow pine wood pad(s) for mounting to gymnasium walls when required. Pad shall have chamfered edges and shall be finished with two coats of natural clear gloss lacquer.

WARRANTY

TW-700M shall have a one (1) year replacement warranty on all defects in material and workmanship. Any winch without this warranty does not meet these specifications and should not be considered equal.

OPTIONAL COMPONENTS

- Cordless Manual Operator (*Refer to CD-90WH Specification Sheet*)