

Product Name
Model Number**Stage Winch**
TW600S**Specifications**

Max. Safe Working Load	600 lbs. / 270 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	16 feet per minute / 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:

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 arrest system in place.

Other related documents

600S-01 Outline Drawing

600S-WD Wiring Diagram

600S Installation Instructions

Specifications subject to change without notice.