

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

**Manual Winch Vertical**  
**TW700M**

**Specifications**

Max. Safe Working Load	1000 lbs. / 450 kg.
Load type	Vertical lift
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	1 turn of crank equals 0.44" of rope travel. (650 turns to wind in 25 feet)
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.
Frame Construction	Precision interlocking steel frame for high rigidity and precise alignment. Semi enclosed for safety. Powder coated for corrosion resistance.
Crank Handle Position	Crank input is on bottom face of unit. Crank plugs in vertically.
Weight (as shipped)	38 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**

700-01 Outline Drawing  
700-INS Installation Instructions

*Specifications subject to change without notice.*