



**SPECIFICATION / PART NUMBERS TYW13000SP**

**Part number:** TYW13000SP

**Rated line pull:** 13000 lbs (5900 kg) single-line

**Motor:** 12V DC 6.0HP series wound motor

**Remote Control:** Remote Switch, 12' (3.7m) lead.

**Wireless Remote Control:** Optional

**Geartrain:** 3-Stage Planetary.

**Gear Ratio:** 265:1

**Clutch (freespooling):** Rotating Ring Gear

**Brake:** Full load automatic brake installed in the motor base

**Drum Diameter/Length:** 2.5"/8.8" (64mm/224mm)

**Wire Rope:** Synthetic 10mmx25m

**Fairlead:** Roller

**Recommended Battery:** 650 CCA minimum for winching

**Mounting Bolt Pattern:** 10" x 4.5" ( 224mm x 114.3 )

**Winch Dimensions ( L x W x H ): 22" x 6.3" x 7.7" (560 x 160 x 195mm )**

**Packing Dimensions( L x W x H ): 24.2x 14.5' x 9.8' ( 615 x 370 x 250mm )**

**Shipping Weight:** 30kg ( 66lbs)

12V DC performance specs (first layer of drum)

<b>Line Pull Lbs.(Kgs.)</b>	<b>Line Speed FT./min(M/min.)</b>	<b>Motor Current</b>	<b>Pull by layer layer/Lbs(Kgs.)</b>
0	21.3(6.5)	60 amps	1/13000 (5900)
2000 (910)	10.2 (3.1)	110 amps	2/11000 (4995)
4000 (1810)	8.9(2.7)	150 amps	3/9300 (4220)
6000 (2720)	7.5 (2.3)	205 amps	4/7900 (3590)
8000 (3630)	5.9 (1.8)	255 amps	
10000 (4540)	4.6 (1.4)	300 amps	
13000 (5450)	3.3 (1.0)	370 amps	

