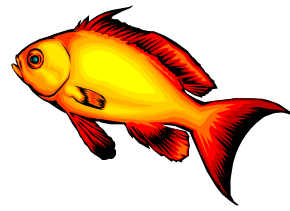


**GOODWINCH Ltd** also stock this very powerful TDS 16,500 lbs (7,500 Kgs) commercial and military electric winch which is very efficient and suitable for use with synthetic Dyneema® Bowrope as an alternative to the standard supplied wire rope.



**The TDS -16.5 Goldfish Series**



**FEATURES**

- Heavy duty series wound motor delivering high torque for serious winching.
- Commercial, heavy duty three stage planetary gearbox giving a highly reliable and sustainable winch unit with tremendous pulling power.
- The TDS-16.5 is equipped with an automatic double tapered brake on the end of the gearbox.
- Rotating ring gear clutch with easy to operate freespooling lever.
- Available in either 12 volt or 24 volt.
- Comes with standard wire rope 11mm x 27metres and roller fairleads.
- As an option, Dyneema® Bowrope 12mm x 27 metres is available.

12 Volt c/w 11mm x 27m wire rope and roller fairleads  
 24 Volt c/w 11mm x 27m wire rope and roller fairleads

**£599**  
**£619**

12 Volt c/w 12mm x 27m Dyneema® Bowrope and Aluminium Hawse fairlead  
 24 Volt c/w 12mm x 27m Dyneema® Bowrope and Aluminium Hawse fairlead

**£749**  
**£769**



**GOODWINCH LIMITED**

East Foldhay, Zeal Monachorum, CREDITON,  
 Devon, EX17 6DH, England

**Tel: 01363 82666 Fax: 01363 82782**

**E: sales@goodwinch.com W: www.goodwinch.com**

AS MOST OF OUR BUSINESS IS UK & EUROPEAN 4x4 DEALERS AND OVERSEAS SALES, ALL PRICES ARE PLUS CARRIAGE AND VAT

\*\*\*\*\*  
 Simply brilliant, our versatile lightweight, easy to splice and handle  
**DYNEEMA® BOWROPE**  
 An immensely strong 12 strand synthetic winch rope made from Dyneema® SK75 High Modulus Polyethylene Fibre, manufactured to a very high exact specification set by David Bowyer of GOODWINCH LIMITED  
 \*\*\*\*\*

**Importers, Exporters, Wholesale Distributors and Retailers of Winches & Accessories**

Dyneema® is a registered trademark of Royal DSM N.V.

# GOODWINCH TDS SERIES WINCH SPECIFICATIONS

	TDS 8.5	TDS 9.5 (c & i)	TDS 9.5c (Large Drum)	TDS 12.0c	TDS 16.5c	TDS 20c
<b>Rated line pull (single line)</b>	8,500 lbs (3,860 kg)	9,500 lbs (4,309 kg)	12,000 lbs (5,442 kg)	16,500 lbs (7,500 kg)	20,000 lbs (9,072 kg)	
<b>Motor 12 or 24 volt</b>	4.6 HP (12 volt) 3.0 HP (24 volt)	5.0 HP (12 volt) 3.0 HP (24 volt)	6.0 HP (12 volt) 3.6 HP (24 volt)	6.0 HP (12 volt) 3.6 HP (24 volt)	6.2 HP (24 volt)	
<b>Gearing</b>	Heavy Duty 3 stage planetary	Heavy duty 3 stage planetary	Heavy duty 3 stage planetary	Heavy duty 3 stage planetary	Heavy duty 3 stage planetary	Heavy duty 3 stage planetary
<b>Gear ratio</b>	254:1	173:1	254:1	315:1	315:1	315:1
<b>Freewheeling clutch</b>	Rotating Ring Gear	Rotating Ring Gear	Rotating Ring Gear	Rotating Ring Gear	Rotating Ring Gear	Rotating Ring Gear
<b>Braking</b>	Automatic Double Taper	Automatic Double Taper	Automatic Double Taper	Automatic Double Taper	Automatic Double Taper	Automatic Double Taper
<b>Wire rope, supplied</b>	8.0mm x 30m (100')	8.7mm x 30m (100')	9.5mm x 27.4m (90')	11mm x 27.4m (90')	12mm x 25.3m (83')	
<b>Dyneema® Bowrope synthetic winch rope (optional extra)</b>	10mm x 30.5m (100')	10mm x 30.5m (100')	11mm x 30.5m (100')	12mm x 27.4m (90')		
<b>Dimensions</b>	586mm x 165mm x 191mm high (23" x 6.5" x 7.5") (Excluding solenoids)	9.5i 612mm x 165mm x 250mm high 9.5c 612mm x 165mm x 266mm high (Including Solenoids)	9.5c 612mm x 165mm x 185mm x 286mm high (Including Solenoids)	12.0i 612mm x 250mm high 12.0c 612mm x 165mm x 266mm high (Including Solenoids)	695mm x 215mm x 280mm high (26.4" x 8.5" x 11" high) (including solenoids)	670mm x 215mm x 294mm high (26.4" x 8.5" x 11" high) (including solenoids)
<b>Drum diameter</b>	63.5mm (2.5")	63.5mm (2.5")	63.5mm (2.5")	89mm (3.5")	89mm (3.5")	89mm (3.5")
<b>Drum length</b>	229mm (9")	229mm (9")	215mm (8.5") x 214mm (8.4") wide	229mm (9")	206mm (8.1")	206mm (8.1")
<b>Weight with wire rope and roller fairleads</b>	48 kg	50 kg	54 kg	52 kg	65 kg	68 kg
<b>Weight with Dyneema® Bowrope and aluminium hawse</b>	33 kg	35 kg	41 kg	37 kg	50kg	43 kg
<b>Switching method</b>	5m (17') Rubber handheld remote	5m (17') Rubber handheld remote	5m (17') Rubber handheld remote	5m (17') Rubber handheld remote	5m (17') Rubber handheld remote	5m (17') Rubber handheld remote
<b>Switching mechanism</b>	Heavy duty sealed solenoids	Heavy duty sealed solenoids	Heavy duty sealed solenoids	Heavy duty sealed solenoids	Heavy duty sealed solenoids	Heavy duty sealed solenoids
<b>Roller fairleads</b>	Standard	Standard	Standard	Standard	Standard	Standard
<b>Swingaway pulley block</b>	Standard	Standard	Standard	Standard	Standard	Standard
<b>Colour coded 1.5m wiring harness</b>	Standard	Standard	Standard	Standard	Standard	Standard
<b>Alloy safety hooks fitted to all ropes</b>	Standard	Standard	Standard	Standard	Standard	Standard
<b>PERFORMANCE</b>	33 feet/min (10m/min)	56 feet/min (17m/min)	56 feet/min (17m/min)	29 feet/min (9m/min)	18 feet/min (5.5m/min)	16 feet/min (5m/min)
<b>No load speed</b>	40 amps	40 amps	40 amps	50 amps	65 amps	65 amps
<b>For 12 volt and 24 volt</b>	23 amps	23 amps	23 amps	28 amps	49 amps	30 amps (24 volt only)

Please note that there are too many variables when attempting to quote speed and amps drawn at different line pulls, but roughly speaking, all 6 models at their rated line speed draw about 350 amps @ 12 volt (210 amps : 24 volt) achieving a speed of about 7 feet/min. Needless to say one should always use a pulley block at anything like these loads which either halves the current draw or halves the load on the winch which allows the motor armature to turn more freely. So now you know!

## OPTIONAL ACCESSORIES

Fitting kits available as accessories

**We have BRB bumpers / fitting kits to suit Land Rover, Discovery 200, 300 & series 2.3 & 4 plus Classic Range Rover and P38**

**Lodar wireless radio remote system**

Optional accessory

Optional accessory

Optional accessory

Optional accessory

**Dyneema® Bowrope**

Optional accessory

Optional accessory

Optional accessory

Optional accessory

Optional accessory