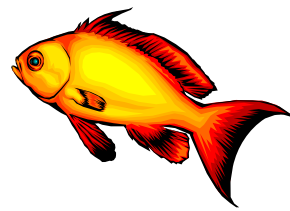


**GOODWINCH Ltd** also stock this very powerful TDS 16,500 lbs (7,500 Kgs) commercial and military electric winch which is very efficient and suitable for use with synthetic Dyneema® Bowrope as an alternative to the standard supplied wire rope.



**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	<b>£599</b>
24 Volt c/w 11mm x 27m wire rope and roller fairleads	<b>£619</b>
12 Volt c/w 12mm x 27m Dyneema® Bowrope and Aluminium Hawse fairlead	<b>£749</b>
24 Volt c/w 12mm x 27m Dyneema® Bowrope and Aluminium Hawse fairlead	<b>£769</b>



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

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 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  
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**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 6.5	TDS 8.5	TDS 9.5	TDS 12.0	TDS 16.5
<b>Rated line pull (single line)</b>	6,500 lbs (2,995 kg)	8,500 lbs (3,860 kg)	9,500 lbs (4,309 kg)	12,000 lbs (5,442 kg)	16,500 lbs (7,500 hg)
<b>Motor 12 or 24 volt</b>	4.0 HP (12 volt) Heavy duty 3 stage planetary	4.6 HP (12 volt) Heavy Duty 3 stage planetary	5.0 HP (12 volt) Heavy duty 3 stage planetary	6.0 HP (12 volt) Heavy duty 3 stage planetary	6.0 HP (12 volt) Heavy duty 3 stage planetary
<b>Gearing</b>	173:1	254:1	173:1	254:1	315:1
<b>Gear ratio</b>	Rotating Ring Gear	Rotating Ring Gear	Rotating Ring Gear	Rotating Ring Gear	Rotating Ring Gear
<b>Freespooling clutch</b>	Automatic Double Taper	Automatic Double Taper	Automatic Double Taper	Automatic Double Taper	Automatic Double Taper
<b>Braking</b>	8.0mm x 24.3m (80')	8.0mm x 30m (100')	8.7mm x 30m (100')	9.5mm x 27.4m (90')	11mm x 27.4m (90')
<b>Wire rope, supplied</b>	10mm x 30.5m (100')	10mm x 30.5m (100')	10mm x 30.5m (100')	11mm x 30.5m (100')	12mm x 27.4m (90')
<b>Dyneema®-Bowrope synthetic winch rope (optional extra)</b>	5.86mm x 165mm x 191mm high (23" x 6.5" x 7.5") (Excluding solenoids)	5.86mm 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)	12.0i 612mm x 165mm x 250mm high 12.0c 612mm x 165mm x 266mm high (Including Solenoids)	6.95mm x 215mm x 280mm high (26.25" x 8.5" x 11" high) (Including Solenoids)
<b>Dimensions</b>	63.5mm (2.5")	63.5mm (2.5")	63.5mm (2.5")	63.5mm (2.5")	89mm (3.5")
<b>Drum diameter</b>	229mm (9")	229mm (9")	229mm (9")	229mm (9")	206mm (8.1")
<b>Drum length</b>	35 kg	37 kg	40 kg	40kg	60kg
<b>Weight with wire rope and roller fairleads</b>	20 kg	22 kg	25 kg	25 kg	40kg
<b>Weight with Dyneema® Bowrope and aluminium hawse</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
<b>Switching method</b>	Heavy duty sealed solenoids	Heavy duty sealed solenoids	Heavy duty sealed solenoids	Heavy duty sealed solenoids	Heavy duty sealed solenoids
<b>Switching mechanism</b>	Standard	Standard	Standard	Standard	Standard
<b>Roller fairleads</b>	Standard	Standard	Standard	Standard	Standard
<b>Swingaway pulley block</b>	Standard	Standard	Standard	Standard	Standard
<b>Colour coded 1.5m wiring harness</b>	Standard	Standard	Standard	Standard	Standard
<b>Alloy safety hooks fitted to all ropes</b>	Standard	Standard	Standard	Standard	Standard
<b>PERFORMANCE</b>	49 feet/min (15m/min) 40 amps	33 feet/min (10m/min) 40 amps 23 amps	55.8 feet/min (17m/min) 40 amps 23 amps	29.5 feet/min (9m/min) 45 amps 26 amps	18 feet/min (5.5m/min) 65 amps 49 amps
<b>No load speed For 12 volt and 24 volt</b>	Please note that there are too many variables when attempting to quote speed and amps drawn at different line pulls, but roughly speaking, all 5 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 halve the current draw or halve the load on the winch which allows the motor armature to turn more freely. So now you know!				
<b>OPTIONAL ACCESSORIES</b>	Basic channel kits from £40 each Land Rover II and III kits @ £125 each; Defender Bikini Kit @ £125 each; Defender Bumper @ £219; Defender Air Con Bumper £249;				
<b>Fitting kits available as accessories</b>	Optional accessory	Optional accessory	Optional accessory	Optional accessory	Optional accessory
<b>Lodar wireless radio remote system</b>	Optional accessory	Optional accessory	Optional accessory	Optional accessory	Optional accessory
<b>Dyneema®-Bowrope</b>	Optional accessory	Optional accessory	Optional accessory	Optional accessory	Optional accessory