



WINCH & HOIST CATALOGUE



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TROJAN PORTABLE UTILITY WINCH



INCLUDED



The Trojan Portable Utility Winch is a complete winching solution in a convenient kit that features a 4,000 lb rated line pull winch on a unique powder coated winch platform, all in a compact, easy to carry composite tool box. The kit is easy to store, use, and repack. Completely portable, the Trojan requires no installation and does not require a winch mount; however, it can be permanently mounted on a trailer and be used as a utility winch if desired.

STANDARD ACCESSORIES

- ③ 6 000 lb pulley block
- ③ Quick connect cord with alligator clips
- ③ Three 20,000 lb D-shackles
- ③ 2 x 8 ft HD straps rated 8,000lbs
- ③ 12ft Hand Help Remote
- ③ 10 foot quick connect power cord
- ③ Heavy Duty leather palmed winch gloves

OUTSTANDING FEATURES

- ③ 4000 lb Pulling Power
- ③ Synthetic or Wire Rope version available
- ③ Built in 1/4 inch hardened steel plate
- ③ Can be permanently mounted
- ③ Quick plug and play functionality

TECHNICAL SPECIFICATIONS

SPECIFICATION

RATED LINE PULL: 4000lbs (1814kg)
MOTOR: 1.4 hp (1.0 kW) 12V DC
GEARING: 166:1
CABLE Dia x L: 4.8mm x 19m
(Synthetic Version: 5mm x 15m)
WEIGHT: 20.5kg
(Synthetic Version: 19 kg)

TECHNICAL PERFORMANCE

Line pull lbs (kg)	Line speed		Amp draw 12v
	ft/min	m/min	
0	20	6	20
4000 (1814)	5.5	1.6	220

NINJA SERIES ATV/UTV 12V/24V ELECTRIC WINCHES



WIRE ROPE
AVAILABLE



INCLUDED



Ideal for large ATV's and small trailers. A huge high power motor, heavy duty clutch, heavy duty steel gearing and heavy duty waterproof contactors ensure the ultimate in performance and reliability. Strengthened Steel makes it ideal to use with Synthetic Rope. Watertight 4 Pin connection allows the use of 'Plug and Play' Wireless remote.

STANDARD ACCESSORIES

- ③ Steel Cable
- ③ 3.8m Remote Handset*
- ③ Heavy Duty Roller Fairlead
- ③ Heavy Duty Battery Leads
- ③ 3 Tonne Pulley Block
- ③ Mounting plate & Hardware
- ③ 1/4 hook
- ③ *ATV remote available

OUTSTANDING FEATURES

- ③ Sealed High Power Motor
- ③ Heavy Duty Watertight Contactors
- ③ Full Steel Planetary Gearing
- ③ Strengthened Steel Drum
- ③ Watertight Controller Socket
- ③ Gloss Chip Resistant Paint

TECHNICAL SPECIFICATIONS

Model	Rated Line Pull	Motor (12v)	Gearing	Drum Size (Dia x L)	Cable (Dia x L)	Size	Weight
20SPS12/24 20SPA12/24	2000lbs (907kg)	1.0hp / 0.7kW	153:1	31.5 x 73mm	4mm x 15m (W) 5mm x 15m (SR)	318 x 113 x 184mm	6.8kg
25SPS12/24 25SPA12/24	2500lbs (1134kg)	1.35hp / 0.95kW	170:1	37 x 80mm	4.8mm x 14m (W) 5mm x 14m (SR)	346 x 113 x 118mm	9.3kg
35SPS12/24 35SPA12/24	3500lbs (1588kg)	1.95hp / 1.37kW	170:1	37 x 80mm	5.4mm x 12.8m (W) 5mm x 14m (SR)	346 x 113 x 118mm	10kg
45SPS12/24 45SPA12/24	4500lbs (2041kg)	1.95hp / 1.37kw	172:1	45 x 97mm	6.4mm x 14.5m (W) 6mm x 15m (SR)	360 x 126 x 165mm	13kg

NINJA HOIST

900LB 12V ELECTRIC WINCH HOIST



INCLUDED



The Winch Hoists are designed to supplement a lifting solution. For dedicated lifting solutions please view our electric or scaffold hoists. High quality



three stage planetary gearing ensures this is one of the quietest and smoothest hoists on the market. The silky-smooth performance and the full load holding brake make it the perfect solution for high spec applications.

STANDARD ACCESSORIES

- 6.4mm x 14.5m Steel Cable
- 3m Remote Handset with Emergency Stop
- Heavy Duty Roller Fairlead
- Heavy Duty Battery Leads
- Mounting plate
- Mounting hardware
- 1/4 hook

OUTSTANDING FEATURES

- Power in and Power out
- High Torque 1.95hp Motor
- HD Waterproof Contactors
- Full Steel Planetary Gearing
- Mount Plate as Standard
- Full Load Holding Break

TECHNICAL SPECIFICATIONS

SPECIFICATION

PART NO: 45EWHST12 / 24
RATED LINE PULL: 900lbs (408kg)
MOTOR: 12v : 1.95hp / 1.37kw
GEARING: 172:1
BRAKING ACTION: Auto in the drum
DRUM SIZE Dia x L: 45 x 97mm
CABLE Dia x L: 6.4mm x 14.5m
MOUNTING PATTERN: 129 x 96mm
DIMENSIONS: 360 x 126 x 165mm
WEIGHT: 13kg

TECHNICAL PERFORMANCE

Layer of wire rope	Line pull lbs (kg)
1	900 (408)
2	728 (330)
3	612 (278)
4	528 (239)

SPARTAN SERIES

SPARTAN 12V/24V ELECTRIC WINCHES



WIRE ROPE AVAILABLE



INCLUDED



Tough, Strong and ready for a Battle, these Winches challenge all before them. We've reluctantly termed them 'entry level', however this describes the price point, not performance. We believe these to be the best value Winches around, a lower price does not mean we compromised the core values integral to a good winch, such as reliability and durability. Great performance, outstanding features as std, & backed by the un-rivalled Limited Lifetime Warranty, makes a Spartan the first choice for all serious enthusiasts.

STANDARD ACCESSORIES

- Galvanised steel cable
- 3.8m Remote Handset
- Heavy Duty Steel Roller Fairlead
- Heavy Duty Battery Leads
- Stainless Steel Mounting hardware
- 5/16 hook

OUTSTANDING FEATURES

- Weather Sealed High Performance motor
- Heavy-Duty 3 Stage Gearbox
- Heavy-Duty Drum Supports
- Weather Sealed Solenoids
- Full Steel Planetary Gearing
- Full Load Holding Brake
- Every winch 100 % load tested
- Chip Resistant Gloss Paint Finish

TECHNICAL SPECIFICATIONS

Model	Line Pull	Motor (12v)	Gearing	Drum (DxL)	Cable (DxL)	Size	Weight
50SPS12 50SPA12	5000lbs (2268kgs)	4.5hp / 3.4kW	230:1	63 x 133.5mm	6.4mm x 24m (W) 7mm x 24m (SR)	450 x 160 x 240mm	24.7 kg (W) 20 kg (SR)
60SPS12 60SPA12	6000lbs (2727kg)	4.5hp / 3.4kW	230:1	63 x 107mm	7.2mm x 40m (W) 7mm x 30m (SR)	443 x 195 x 275mm	30 kg (W) 25 kg (SR)
80SPS12/24 80SPA12/24	8 000lbs (3629kg)	4.6hp / 3.2kw	233:1	63 x 224mm	8.3mm x 26m (W) 9mm x 25m (SR)	545 x 160 x 248mm	32 kg (W) 26 kg (SR)
80SPS12/24 80SPA12/24	9500lbs (4500kg)	4.6hp / 3.2kw	230:1	63 x 224mm	9.2mm x 25m (W) 9mm x 25m (SR)	545 x 160 x 248mm	33 kg (W) 27 kg (SR)
95SPS12/24 95SPA12/24	12 000lbs (5400kg)	6.0hp / 4.6kw	230:1	63 x 224mm	10.2mm x 25m (W) 11mm x 25m (SR)	579 x 160 x 248mm	40 kg (W) 31 kg (SR)

PREDATOR
10 000LB DUAL PERFORMANCE WINCH



The Predator Dual Motor Electric Winch is designed for hard-core competition. Two powerful 7.2HP sealed motors provide off-load line speeds from 20m per minute, coupling this with a 108:1 ratio 3 stage planetary gearbox enables this performance winch to handle even the most extreme off-road punishment.

INCLUDED



STANDARD ACCESSORIES

- 9mm x 38m Synthetic Armortek Rope
Wireless remote with LCD Display
Heavy Duty Remote Control
Silver Warrior Aluminum Fairlead
Heavy Duty Battery Leads
Stainless Steel Mounting hardware
12 Ton Competition Hook

OUTSTANDING FEATURES

- Dual 7.2HP (5.4KW) Sealed Motors
Sealed Motor conforms to IP67
Sealed Waterproof Contactor
Multi Stop 10% Ratchet Brake Design
Sealed 3 Stage Planetary Gears
Alloy Carbon Gears hardened to 62HRC Rating
No load speed of 20m/min

TECHNICAL SPECIFICATIONS

SPECIFICATION

RATED LINE PULL: 10 000lbs (4536kg)
MOTOR: 12v : 7.2hp / 5.4kw
GEARING: 108:1
DRUM SIZE Dia x L: 72 x 214mm
CABLE Dia x L: 9mm x 38m
MOUNTING PATTERN: 254 x 114.3mm
DIMENSIONS: 479 x 262 x 355mm
WEIGHT: 45kg

TECHNICAL PERFORMANCE

Table with 3 columns: Layer of wire rope, Line pull lbs (kg), Total Rope on drum ft(m)

Table with 3 columns: Line pull lbs (kg), Line speed ft(m)/min 12v, Amp draw 12v

SAMURAI V2 SERIES
SAMURAI 12V/24V ELECTRIC WINCHES



Our top performance winches just got better! The Next Generation Samurai models are faster, with lower current draw and include a new external brake. Other new features include an updated hook, wired remote and upgraded wireless remote.

- Revolutionary design external brake.
Fully sealed to IP68 Standard.
600 amp silver tip contactors.
Solid Brass Contacts Direct to the Motor.
Laser etched extruded aluminium tie bars.
Silver Copper Motor with Copper Brush Holders

INCLUDED



STANDARD ACCESSORIES

- Galvanised Steel Cable or Synthetic Rope
3.8m Remote Handset
Aluminium or Stainless Steel Fairlead
Heavy Duty Battery Leads
Isolation Switch
Stainless Steel Mounting Hardware
Built In Wireless remote (12v only)
Heavy Duty Hook

OUTSTANDING FEATURES

- External Brake.
All Brass (no corrosion) Series Wound Motor
Double Sealed Motor
Sealed Waterproof Contactor
Reinforced Plastic Contactor Cover
Double Sealed Drum (Gearbox/Motor)
Sealed 3 Stage Planetary Gears

TECHNICAL SPECIFICATIONS

Table with 8 columns: Model, Line Pull, Motor (12v), Speed (No load) ft (m) p/min, Gearing, Cable (DxL), Size, Weight

9500 SAMI HS & SD

HIGH SPEED & SHORT DRUM WINCHES



WIRE ROPE
AVAILABLE



- Revolutionary design external brake.
- Fully sealed to IP68 Standard.
- 600 amp silver tip contactors.
- Solid Brass Contacts Direct to the Motor.
- Laser etched extruded aluminium tie bars.
- Silver Copper Motor with Copper Brush Holders

INCLUDED



12V only

The ultimate winches for Extreme Terrain. These offer the same great qualities as all the Samurai Next Generation winches but the Samurai HS (High Speed) is fully sealed with an unbeatable line Speed of 40 ft/min whilst the Samurai SD (Short Drum) is made to fit where space is at a premium with a width measuring only 456mm across.



STANDARD ACCESSORIES

- ➔ Galvanised Steel Cable or Synthetic Rope
- ➔ 3.8m Remote Handset
- ➔ Aluminium or Stainless Steel Fairlead
- ➔ Heavy Duty Battery Leads
- ➔ Isolation Switch
- ➔ Stainless Steel Mounting Hardware
- ➔ Built In Wireless remote (12v only)
- ➔ Heavy Duty Hook

OUTSTANDING FEATURES

- ➔ External Brake.
- ➔ All Brass (no corrosion) Series Wound Motor
- ➔ Double Sealed Motor
- ➔ Sealed Waterproof Contactor
- ➔ Reinforced Plastic Contactor Cover
- ➔ Double Sealed Drum (Gearbox/Motor)
- ➔ Sealed 3 Stage Planetary Gears

TECHNICAL SPECIFICATIONS

Model	Line Pull	Motor (12v)	Speed (No load) ft (m) p/min	Gearing	Drum (DxL)	Cable (DxL)	Size	Weight
HIGH SPEED 95VHSS12/24 95VHSA12/24	9500 lbs (4500 kg)	8.6hp 6.4kw	39.4(12)	196:1	63 x 223mm	9.2mm x 26m (W) 9.5mm x 25m (SR)	593 x 160 x 248mm	32 kg (W) 22 kg (SR)
SHORT DRUM 95VSDS12/24 95VSDA12/24	9500 lbs (4500 kg)	6.1hp 4.6kw	33.4 (10.2)	196:1	63 x 120mm	9.2mm x 15m (W) 9.5mm x 15m (SR)	456 x 160 x 248mm	30 kg (W) 24 kg (SR)

SAMURAI SERIES

17500/20000 LB 12V ELECTRIC WINCHES



WIRE ROPE
AVAILABLE



- Fully sealed 600 amp contactors.
- Laser etched extruded aluminium tie bars.
- New heavy duty gloss chip resistant finish.

INCLUDED



Warrior Winches are excited to announce the arrival of the colossal Samurai 17500 & 20000lb Winches. Designed for the toughest of applications & tested in the most extreme environments imaginable, these winches boasts a massive 7.0 & 7.5 hp Series wound motors respectively. Double sealed drum on maintenance free bearings and quiet, fully sealed efficient full steel planetary gearing and backed by Warrior's un-rivalled Limited Lifetime Warranty ensures these immense Warriors are ready for any battle.

STANDARD ACCESSORIES

- ➔ 3.8m Remote Handset
- ➔ Heavy Duty Stainless Steel Fairlead
- ➔ Heavy Duty Battery Leads
- ➔ Isolation switch
- ➔ Stainless Steel Mounting hardware
- ➔ 5/16 hook

OUTSTANDING FEATURES

- ➔ All Brass (no corrosion) Series Wound Motor
- ➔ Double Sealed Motor
- ➔ Sealed Waterproof Contactor
- ➔ Reinforced Plastic Contactor Cover
- ➔ Double Sealed Drum (Gearbox/Motor)
- ➔ Sealed 3 Stage Planetary Gears
- ➔ Stainless Steel 4 Way fairleads
- ➔ Quality Steel Drum Supports (20 000 version)

TECHNICAL SPECIFICATIONS

Model	Line Pull	Motor (12v)	Gearing	Drum (DxL)	Cable (DxL)	Size	Weight
175SS12/24 175SA12/24	7 500lbs (7938kg)	7.0hp / 4.9kw	430:1	89 x 219mm	12mm x 26m (W) 12mm x 25m (SR)	610 x 216 x 254mm	67 kg (W) 55 kg (SR)
175SS12/24 175SA12/24	20 000lbs (9072kg)	7.5hp / 5.4kw	430:1	89 x 219mm	12mm x 26.5m (W) 12mm x 25m (SR)	610 x 216 x 254mm	67 kg (W) 55 kg (SR)

SAVIURAI EN

EN 14492:1 COMPLIANT ELECTRIC WINCH



- Fully sealed 600 amp contactors.
- Laser etched extruded aluminium tie bars.
- New heavy duty gloss chip resistant finish.

INCLUDED



The EN Series winches have been developed for the professional operator. The winches have been designed to ensure that as part of an installation solution they can meet the requirements of EN 14492 : 1. Additional features include 10: 1 drum/rope ratio, 2:1 rope ratio, double rope fixing. As well as these special features the winches come complete with all the standard Warrior features such as High quality Motors, Full Sealing and Stainless Steel Fairleads and Fittings.



STANDARD ACCESSORIES

- ③ Galvanised steel cable
- ③ 4m Remote Handset
- ③ HD Stainless Steel Fairlead
- ③ Heavy Duty Battery Leads
- ③ Emergency Stop Button
- ③ Stainless Steel Mounting Hardware

OUTSTANDING FEATURES

- ③ Wire rope to drum ratio 10:1
- ③ 2160N/mm² Rope grade with 2:1 rating
- ③ Twin hole rope fixing
- ③ Full load holding brake
- ③ Overload protection (option)
- ③ Emergency stop remote handset
- ③ Free spool clutch lever
- ③ Machine guard available

TECHNICAL SPECIFICATIONS

Model	Line Pull	Motor (12v)	Gearing	Drum (DxL)	Cable (DxL)	Size	Weight
25ENS12/24	5511 lbs (2500 kg)	6.5hp / 4.6kw	230:1	72 x 223mm	8mm x 26m	580 x 160 x 219mm	40 kg
40ENS12/24	8818 lbs (4000 kg)	7.0hp / 4.9kw	430:1	90 x 219mm	10.2mm x 26m	610 x 216 x 254mm	60 kg
52ENS12/24	11574 lbs (5250 kg)	7hp / 4.9kw	430:1	100 x 219mm	11mm x 21m	610 x 218 x 272mm	65 kg
60ENS12/24	13227 lbs (6000 kg)	7hp / 4.9kw	430:1	114 x 209mm	12mm x 26.5m	604 x 259 x 301mm	65 kg

T1000 SERIES

T1000 ELITE COMBAT WINCHES



INCLUDED



WIRE ROPE AVAILABLE



The T1000 range of “Severe Duty” Warrior Winches were originally designed as highly advanced prototypes for military application, where the ability to perform in severe climates and the harshest environments imaginable are an essential prerequisite. After successful operations in the field & following many plaudits at last year’s Defence and Security Equipment International Expo, the decision was made to allow the T1000 range to become widely available for general use.

STANDARD ACCESSORIES

- ③ Armortek Extreme Winch Rope (or Steel Rope available)
- ③ Aluminum (or Stainless Steel Roller) Fairlead
- ③ Stainless Steel Mounting Hardware
- ③ Hook

OUTSTANDING FEATURES

- ③ IP68 Rated Military Grade Winch & Control Box.
- ③ Hardened 3 stage planetary gears.
- ③ Revolutionary external brake.
- ③ Corrosion & Chemical Resistant Powder Coat.
- ③ High Temperature Lithium Grease that wont solidify in extreme temperatures.

TECHNICAL SPECIFICATIONS

Model	Rated Line Pull	Motor (12v)	Gearing	Drum Size (Dia x L)	Cable (Dia x L)	Size	Weight
T1000-100	10000lbs (4535kg)	6.2hp / 4.6kw	228:1	63 x 217mm	9mm x 25m (SR) 9.1mm x 25m (W)	638 x 214 x 289mm	28kg (SR) 37.5 kg(W)
T1000-145	14000lbs (6350kg)	7.2hp / 5.4kw	228:1	63 x 217mm	11mm x 20m (SR) 11mm x 23m (W)	638 x 214 x 289mm	37.5kg (SR) 47.7kg (W)
T1000-220	22000lbs (9978kg)	7.4hp / 5.5kw	450:1	88 x 214mm	14mm x 20m (SR) 13.8mm x 24m (W)	638 x 214 x 289mm	62kg(SR) 75kg (W)

NH WINCH SERIES

HYDRAULIC WINCHES



INCLUDED



Compact, tough. A hydraulic winch for industrial and commercial applications. The unique patented steel gearing system combined with a highly efficient and powerful hydraulic motor ensures maximum performance over the full load range. Complete with internal brake to ensure maximum control and load holding and backed by Warrior's un-rivalled Limited Lifetime Warranty. Stainless steel roller fairleads and fittings are standard.

STANDARD ACCESSORIES

- ③ Galvanised steel cable
- ③ Heavy Duty Roller Fairlead
- ③ 5/16 or 3/8 Hook

OUTSTANDING FEATURES

- ③ Patented Heavy Duty Gearing
- ③ Integral, Automatic Failsafe Brake
- ③ Spring Engaged Manual Freespool
- ③ Stainless Steel fairlead and Fittings
- ③ Rugged and compact for Long Life

TECHNICAL SPECIFICATIONS

Model	Line Pull	Motor	Gearing	Drum (DxL)	Cable (DxL)	Size	Weight
10NHSHY	10 000lbs (4536kg)	Hydraulic Dis 50 ml/r	33:1	72 x 224mm	110.2mm x 26.5m	510 x 186 x 224mm	55 kg
15NHSHY	15 000lbs (6804kg)	Hydraulic Dis 80 ml/r	37:1	89 x 224mm	12mm x 26.5m	530 x 206 x 247mm	65 kg

RV WINCH SERIES

EN 14492:1 HYDRAULIC WINCHES



INCLUDED



The RV Series of hydraulic winches meet EN 14992 & SAEJ-706 standards. They are designed for tough, commercial and industrial applications and are available from 8000lbs to 18000lbs (including an 8000lb Short drum version).

*Load limiter and/or Emergency Stop needs to be fitted on installation.

TECHNICAL SPECIFICATIONS

Model	Line Pull	Motor displacement	Oil flow	Pressure	Gear ratio	Cable (Dia.x L)	Drum size (Dia.x L)	Dimensions (LxWxH)	Weight lbs(kg)
80RVSHY	8000lbs (3629kgs)	80ml/r	5-60L/min	12Mpa	17.6:1	9.2mmx30.0m	102x201mm	590x237x241mm	49 kg
80RVSDY	8000lbs (3629kgs)	80ml/r	5-60L/min	12Mpa	17.6:1	9.2mmx30.0m)	102x169mm	558x237x241mm	47.6 kg
10RVSHY	10000lbs (4536kgs)	100ml/r	5-60L/min	15Mpa	17.6:1	10.2mmx30.0m)	102x201mm	594x237x241mm	49.9 kg)
15RVSHY	15000lbs (6804kgs)	160ml/r	5-60L/min	17.5Mpa	17.3:1	12mmx30.0m)	127x266mm	735x300x277mm	83.6 kg
18RVSHY	18000lbs (8165kgs)	200ml/r	5-60L/min	16Mpa	17.3:1	14mmx28.0m	127x266mm	742x300x277mm	86.2 kg

80RVSHY		80RVSDY		10RVSHY		15RVSHY		18RVSHY	
Line pull lb (kgs)	line Speed ft(m)/min	Line pull lb (kgs)	line Speed ft(m)/min	Line pull lb (kgs)	line Speed ft(m)/min	Line pull lb (kgs)	line Speed ft(m)/min	Line pull lb (kgs)	line Speed ft(m)/min
0	37.7(11.5)	0	37.7(11.5)	0	36.1(11)	0	23(7)	0	24(7.3)
4000(1814)	23.9(7.3)	4000(1814)	23.9(7.3)	4000(1814)	23.6(7.2)	8000(3629)	16.7(5.1)	8000(3629)	17.4(5.3)
6000(2722)	10.8(3.3)	6000(2722)	10.8(3.3)	6000(2722)	11.8(3.6)	10000(4536)	12.4(3.8)	12000(5448)	13.1(4.0)
8000(3629)	3.2(1.0)	8000(3629)	3.2(1.0)	8000(3629)	5.9(1.8)	12000(5448)	8.5(2.6)	15000(6810)	6.6(2.0)
				10000(4536)	3.0(0.9)	15000(6810)	4.2(1.3)	18000(8165)	4.6(1.4)

JP WINCH SERIES

INDUSTRIAL HYDRAULIC WINCHES



INCLUDED



Tough and compact, the JP series are heavy duty hydraulic winches designed and tested for the toughest applications. Minimum rope to drum ratio of 10:1, multi disc frictional brake, balance valve and rope tensioner as standard. Available from 10 tonne to 25 tonne. Manufactured to meet the requirements of EN 14492 : 1 Standard.



STANDARD ACCESSORIES

- ② Heavy Duty Rope Tensioner as Standard
- ② Balance Valve as Standard

OUTSTANDING FEATURES

- ② Full Float Heavy Duty Planetary Gearing
- ② Multi Disc Friction Brake
- ② Minimum 10:1 Rope/Drum Ratio
- ② High Torque Industrial Motor
- ② Air and Manual Clutch Operation

TECHNICAL SPECIFICATIONS

Model	Line pull	Oil flow	Max Pressure	Gear Ratio	Cable (DxL)	Drum (DxL)	Size	Weight
10JP01H	22000 lbs (10000 kg)	75 L/min	17 Mpa	39:01	15mm x 48m	138 x 316mm	830 x 390 x 320mm	165 kg
13JP01H	29762 lbs (13500 kg)	60 L/min	17 Mpa	36:01	18mm x 50m	190 x 340mm	1050 x 640 x 405mm	271 kg
15JP01H	33069 lbs (15000 kg)	110 L/min	16 Mpa	36:01	22mm x 50m	210 x 340mm	1077 x 640 x 420mm	320 kg
20JP01H	44092 lbs (20000 kg)	120 L/min	17 Mpa	36:01	26mm x 45m	210 x 340mm	1224 x 640 x 420mm	370 kg
25JP01H	55000 lbs (25 000 kg)	120 L/min	18 Mpa	53:01	30mm x 50m	280 x 360mm	1301 x 770 x 545mm	580kg

KDJ WINCH SERIES

KDJ SERIES AC WINCHES



INCLUDED



The complete range of Single and 3 phase AC winches. There is a model to meet every application. All products have Electromagnetic, spring applied, failsafe brake, bi-rotational and include an enclosed drum flange. Low Voltage controls are available on request. All products comply to EN 14492 : 1 and EN 14492 : 2.

STANDARD ACCESSORIES

- ② Steel plate foot mountings
- ② Emergency stop function switch is available upon request

OUTSTANDING FEATURES

- ② Electromagnetic spring-applied failsafe brake
- ② Lightweight & compact design.
- ② Easy installation
- ② Planetary gears for max mechanical efficiency
- ② High efficiency ball bearing on running surfaces
- ② Enclosed drum flange to prevent rope becoming trapped between drum and support castings

TECHNICAL SPECIFICATIONS

Model	Rated Load (kg)	Speed (m/min)	Motor (v)	Rated Volt	Lifting Height (m)	Steel Cable (mm x m)	N.W (Kg)	Work rate	Percentage Duty Cycle
KDJ-300E	300	10-15/12-18	1.1x4	240v	29	7 x 30	49	S3-25% 20min	25% ED*
KDJ-500E	500	12-18	2.2x4	240v	58	9 x 60	136	S3-25% 20min	25% ED*
KDJ-500E1	500	12-18	2.2x4	415v	58	9 x 60	136	S3-25% 20min	25% ED*
KDJ-1000E1	1000	12-18	4x4	415v	58	11 x 60	156	S3-25% 20min	25% ED*
KDJ-2200E1	2200	7-12.5	6x4	415v	97	16 x 100	36	S3-25% 20min	25% ED*

* 150 times\h maximum starting frequency

WIRE HOISTS

SCAFFOLD & ELECTRIC HOISTS



Radio remote system or wired in available.

Fully waterproof to IP65 Standard.

SCAFFOLD HOISTS

Warrior ‘Next Generation Scaffold hoist’ for the professional customer. The simple suspending style with key interlock protection hook allows easy installation and safe working. New auto rope winding and direction exchange device allows you to align the rope safely increasing the life of the rope significantly.



Radio remote system available on 500 and 1000kg models.

Integrated double limit safety switch.

New improved IP rating 54.

ELECTRIC HOISTS

Compact, general purpose 240v electric hoist is ideal for all manner of lifting applications. Easy to install, with easy change cable design. It is supplied with special fixing clamps for simple section beam fitting (square section beams). This hoist also has the facility to add a wireless remote control as an option.

OUTSTANDING FEATURES

- Conforms to EN 14492:2
- Dynamic brake design
- Upper & lower limit switches
- Thermal overload protection as standard
- Optional Wireless Remote System available
- Available in 110v ,240v & 220v for the EU market
- High strength carbon construction, powder coated finish ensures maximum durability

OUTSTANDING FEATURES

- 3m remote switch
- Power in & power out facility
- Conforms to BS EN14492 standard
- Built in upper and lower limit switches
- Thermal overload for added safety
- IP 54 rated

TECHNICAL SPECIFICATIONS

Model	Voltage	Max Load (Single/ double)	Lift Speed (mpm)	Cable	Rating
110VSH500	110V	250 / 500kg	8 / 4	4.2mmx38m	IP65
240VSH500	240v 220v	250 / 500kg	8 / 4	4.2mmx38m	IP65
110VSH800	110v	400 / 800kg	8 / 4	5.6mmx32m	IP65
240VSH800	240v 220v	400 / 800kg	8 / 4	5.6mmx32m	IP65

Model	Voltage	Max Load (Single/ double)	Lift Speed (mpm)	Cable	Rating
240EH250	240v 220v	125 / 250kg	8 / 4	3mmx18m Twist Free	IP54
240EHA500	240v	250 / 500kg	8 / 4	4mmx18m Twist Free	IP54
240VEHA1000	240v	500 / 999kg	8 / 4	5mmx18m Twist Free	IP54

CHAIN HOISTS

ELECTRIC CHAIN HOISTS



Upper & Lower limit safety switch.

Electromagnetic braking device.

EN 14492:1 COMPLIANT

INCLUDED



These electric chain hoists have a 6m chain length and can be used for many applications indoor or outdoor (Dry conditions only). The chain hoist has a die cast aluminium body with a 3m low voltage handset and is powered by a standard household 13 amp plug.

The larger ECH1000 has a double chain line for maximum strength.

STANDARD ACCESSORIES

- Plastic chain container
- 3m low voltage handset
- Standard 13 amp plug

OUTSTANDING FEATURES

- This hoist conforms to EN14492 standard
- Built in upper and lower limit switches
- Electromagnetic braking devise

TECHNICAL SPECIFICATIONS

Model	Voltage	Max Load	Lift Height	Lift Speed	Load Chain	Power	Work Rate
ECH250	240v	250 kg (551 lb)	3m	8 mpm	5mm x 15mm	400 watts	S3 - 30% 20 min
ECH500	240v	500 kg (1102 lb)	6m	5 mpm	8mm x 24mm	650 watts	S3 - 30% 20 min
ECH1000	240v	1000 kg (2204 lb)	6m	2.5 mpm	8mm x 24mm	650 Watts	S3 - 30% 20 min

WIRELESS WINCH REMOTE

The Next Generation Centurion is our most recent professional wireless winch remote. Made in the UK, it performs under even the toughest conditions.

COMMUNICATION

Centurion Wireless Winch Controls operate with constant communication between the Transmitter and Receiver, making sure that a correctly coded signal is received at all times. No chance of any outside intervention. In the event of any false signal the Receiver will immediately shut down before resetting. If the Transmitter is not used during a 30 minute period then the system will shut off. Centurion is powered by 2 x AAA batteries, drawing only 20 milliamps when operational, thus giving a substantial battery life of 200 hours before any change is required.

SECURITY

Centurion systems have a distinct coding system, so they are interchangeable with other Centurion products. Operating with one of 16 million codes, it is totally impossible for any cross-coding to take place. If a Transmitter is lost it is very simple to code up another Transmitter to the Receiver – any user can do this in minutes.

WATERPROOF

Centurion Transmitters and Receivers have a waterproof rating of IP 67 – this means they are totally waterproof and can be fully immersed in water. If required the Transmitter will float, making this an ideal product for winching out through water or marine applications.

COMPLIANCE WITH STANDARDS

R&TTE Safety	Directive 1999/5/EC EN 60204-1 EN ISO 13849-1 2008 to Cat 4 (replaces EN 954-1)
EMC	2004/104/EEC ETSI 300-220v1.1.1
Approval Mark	e11 037601
FCC Spectrum	Approved 433.92 FID CE!

TRANSMITTER SPECS

Type	2 Rubber membrane with carbon contact
Frequency	433.92 MHz FID
Power Supply	2 AAA 1.5V batteries
Operating Current draw	20 milliamps
IP Rating	67
Range Nominal as supplied	45 metres (150 ft) from the Receiver
Functioning temperatures	-30°C to + 65°C (-22°F to + 149°F)



Made by Lodar UK.

DURABILITY

Centurion Transmitters and Receivers are made from the highest quality moulded PVC. The Transmitter has a rubber membrane seal, with carbon contact buttons, giving a positive and firm feel when operated. Typical range is up to 45m (150ft), more with line of sight, without any dropout. The robust design, which allows heavy duty usage without failure, operates within a temperature range of -30°C to + 65°C.

DESIGN

The Centurion Transmitter is carefully designed to fit comfortably into either hand. The firm rubber buttons react instantly to the touch, giving perfect fingertip control. The Lanyard supplied allows the Transmitter to hang safely from the neck, making it available for immediate usage; alternatively, it is small enough to slip into the pocket.

OUTPUT PROTECTION

All Receiver outputs are protected by 3 amp safety circuits and built in diodes. Any excess loads will automatically shut off the system, protecting the circuitry.

REVERSE POLARITY PROTECTION

Centurion systems are reverse polarity protected – even if you connect up incorrectly you will not damage the system.

RECEIVER SPECS

Output Switching	FET's
LED's	Power, Status, Fault, Set and both Outputs
IP Rating	IP67
Antenna	Internal
Amps Rating	FET 3 Amps System Output 3 Amps
Instant Tx Response	No perceivable delay between TX operation and RX action
Wiring loom	1.5mm fitted

ARMORTEK

WINCH ROPES



Armortek synthetic winch rope is made with high strength HMPE light weight fibre. It undergoes a unique pre stretching process and is coated with the special Armortek abrasion resistant coating to enable maximum pull and the ultimate endurance. UV Stabilisation gives the rope long and safe working life. Not affected by oil or water and is just as strong whether used in dry, wet, cold or humid conditions. Armortek stretches very little (3 - 4 % at break) and very safe to use. It stores little energy and hence no lash backs in the unlikely event of breaking.



Diameter	5mm	6mm	8mm	9.5mm	11mm	12mm
Breaking Load	2 780 kg	3 790 kg	5 560 kg	7 830 kg	10 580 kg	12 500 kg

BENEFITS OF USING ARMORTEK OVER WIRE ROPE

Armortek weighs 6 times less than wire.
Armortek is rated at 70 percent stronger than wire.
Armortek floats, wire doesn't.
Armortek is coated to prevent abrasion.
You don't have to worry about wire splinters.
No strength loss when overlapped on winch drum.
Unlike wire, Armortek will not whiplash if broken.
Armortek comes pre-stretched and heat set.
Armortek is available in a number of lengths.



ACCESSORIES AVAILABLE



Alluminium Fairleads



Logo Fairleads



Tube Thimble



G80 Hook



VALUE WITHOUT COMPROMISE

**For all enquiries please
contact your local stockist**