



VALUE WITHOUT COMPROMISE



**4X4 - OFFROAD - UTILITY WINCH
& HOIST CATALOGUE 2016**
www.warriorwinch.co.uk



ABOUT US

VALUE WITHOUT COMPROMISE

Winch Solutions Ltd UK is Europe's Premier Winch supplier. In partnership with our distributors we supply internationally the complete range of Warrior electric and hydraulic winches. In the most extreme conditions, when lesser products might be found wanting, Warrior Winches will deliver what your customer demands and our service levels will raise the bar in the process. Whatever the requirement, for all applications and whatever the vehicle, we can supply a Warrior Winch to fulfil their need. Exceptional product performance, will be ably supported, by the highest levels of after sales support.

Our aim is to offer value without compromise.

VALUE FOR MONEY SPECIFICATION

At Winch Solutions Ltd we have long recognised that our customers want all-inclusive prices and not a long expensive extras list. So every one of our winches is supplied, as standard, with a specification that represents exceptional value.

Highest quality motors are the powerhouse, 3-stage Planetary Gears provide the right ratios for virtually any task, Water-resistant Solenoids & fully sealed housings deliver reliability in the worst of conditions and Wireless Remote Controls (selected models) mean total in-cab control.

You are supported from your initial enquiry through to spec selection, delivery and beyond. A Lifetime Warranty provides total confidence. Warrior Winches provide so much more for your hard-earned money..

LIFETIME WARRANTY

Unbelievably - every Warrior Winch is backed by a no-quibble Limited Lifetime Warranty. We deliver the message, that in the unlikely event of things going wrong – there will be an open, simple and direct commitment to rectify any misfortunes, an approach, of considerable integrity that has won customers and plaudits across the world. This translates into creating the opportunity for you, to specify Warrior Winches in total confidence, knowing that our service and reputation delivers!!

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NINJA 2000

A frontline General Purpose ATV winch range. Exceptional durability and rugged performance, with sealed motors and contactors as standard.

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NINJA SERIES

Also suited for large ATV's, UTV's and small trailers. Powerful, compact and reliable.

PG 4

C4500 EWX

One of the quietest winches on the market. Silky smooth performance & a full load holding brake make it the perfect solution for high spec applications.

PG 5

SPARTAN 6000

One of the quietest winches on the market. Silky smooth performance & a full load holding brake make it the perfect solution for high spec applications.

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SPARTAN SERIES

Tough, strong and ready for battle, these winches really will challenge all before them. 'Entry level' describes the price point, not the performance.

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SAMURAI 8000, 9500 & 12000

Superb high specification winches. Ideal for recovery and 4x4 applications. Our most popular series.

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SAMURAI 9500 HS

The ultimate winch for Extreme Terrain. Fully Sealed with an unbeatable line speed of 65 ft/min. Outstanding features coupled with speed.

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SAMURAI 9500 SD

Arguably the highest specification Rock Crawler. Features include full sealing for ultimate water resistance, s/steel fittings & integrated Wireless Remote.

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SAMURAI 17500 & 20000

Huge 7.0 & 7.5 hp quality double sealed motors & waterproof contactors make these beasts ready to take on any challenge.

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NH SERIES

A hydraulic winch for industrial and commercial applications. Complete with internal brake to ensure maximum control and load holding.

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SCAFFOLD HOISTS

New auto rope winding & direction exchange device allows steel rope to a line safely & without mess increasing the life of the rope over 30 000 times.

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ELECTRIC HOISTS

Ideal for all manner of lifting and pulling work. Easy to install, it is supplied with special fixing clamps for simple section beam fitting.

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ARMORTEK WINCH ROPE

Armortek synthetic winch rope weighs 6 times lighter than wire rope and is rated 70% stronger! Available in a number of lengths.

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THE CENTURION REMOTE

The Centurion remote is the ultimate wireless remote for the professional user.

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EXTRAS AS STANDARD

Specify Warrior Winches and the one thing you won't be doing is writing an extras list. That's because many eXtras are all-inclusive. Wireless remote is standard on some models. We use water-resistant solenoids, so you can take the worst weather in your stride. 3-stage planetary gears mean there's always the right ratio to hand. And with the latest motor technology, there's power to spare. Factor in the No Quibble Limited Lifetime Warranty and you have an unbeatable all-inclusive package that leaves the competition standing.



FULL RANGE OF ACCESSORIES AVAILABLE

NINJA 2000

2000LB 12V/24V ELECTRIC WINCH



Outstanding utility winch. There is no comparable model on the market, the unique free spool system ensures it outperforms all challengers. Standard specification includes a powerful 1.0hp motor, full steel planetary gearing and heavy duty sealed contactors. ATV handle bar remote available in lieu of standard remote.



INCLUDED



STANDARD ACCESSORIES

- 4mm x 15m Steel Cable
- *3m Remote Handset
- Heavy Duty Roller Fairlead
- Heavy Duty Battery Leads
- 3 Tonne Pulley Block
- Mounting plate & Hardware
- 1/4 hook
- *ATV remote available

OUTSTANDING FEATURES

- Sealed High Power Motor
- Heavy Duty Watertight Contactors
- Full Steel Planetary Gearing
- Strengthened Steel Drum (suitable for Synthetic rope)
- Watertight Controller Socket
- Gloss Chip Resistant Paint

TECHNICAL SPECIFICATIONS

SPECIFICATION

PART NO: 20SPS12/24
RATED LINE PULL: 2000lbs (907kg)
MOTOR: 12V: 1.0hp / 0.7kW
GEARING: 153:1
DRUM SIZE Dia x L: 31.5 x 73mm
CABLE Dia x L: 4mm x 15m
DIMENSIONS: 318 x 113 x 184mm
WEIGHT: 6.8kg

TECHNICAL PERFORMANCE

Layer of wire rope	Line pull lbs (kg)	Line pull		Line speed		Amp draw	
		lbs (kg)	ft/min	m/min	12v	24v	
1	2000 (907)	0	10.5	3.2	12	6	
2	1630 (739)	500 (227)	9.2	2.8	25	10	
3	1380 (1190)	1000 (454)	7.5	2.3	40	15	
4	1190 (540)	1500 (680)	5.9	1.8	60	25	
5	1050 (476)	2000 (907)	3.3	1.0	90	55	
6	940 (426)						

NINJA SERIES

ATV/UTV 12V/24V ELECTRIC WINCHES



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.



SYNTHETIC ROPE OPTION AVAILABLE



INCLUDED



STANDARD ACCESSORIES

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

OUTSTANDING FEATURES

- Sealed High Power Motor
- Heavy Duty Watertight Contactors
- Full Steel Planetary Gearing
- Strengthened Steel Drum (suitable for Synthetic rope)
- Watertight Controller Socket
- Gloss Chip Resistant Paint

TECHNICAL SPECIFICATIONS

NINJA 2500

PART NO: 25SPS12/24
RATED LINE PULL: 2500lbs (1134kg)
MOTOR: 12V: 1.35hp / 0.95kW
GEARING: 170:1
DRUM SIZE Dia x L: 37 x 80mm
CABLE Dia x L: 4.8mm x 14m
DIMENSIONS: 346 x 113 x 118mm
WEIGHT: 9.3kg

NINJA 3500

PART NO: 35SPS12/24
RATED LINE PULL: 3500lbs (1588kg)
MOTOR: 12V: 1.95hp / 1.37kW
GEARING: 170:1
DRUM SIZE Dia x L: 37 x 80mm
CABLE Dia x L: 5.4mm x 12.8m
DIMENSIONS: 346 x 113 x 118mm
WEIGHT: 10kg

4500 EWX

4500LB 12V/24V ELECTRIC WINCH



Latest addition to the Warrior Range. High quality three stage planetary gearing ensure this is one of the quietest and smoothest winches on the market. The silky smooth performance and the full load holding brake make it the perfect solution for high spec applications.



INCLUDED



SYNTHETIC ROPE OPTION AVAILABLE



STANDARD ACCESSORIES

- 6.4mm x 14.5m Steel Cable
- 3m Remote Handset
- Heavy Duty Roller Fairlead
- Heavy Duty Battery Leads
- Mounting plate
- Mounting hardware
- 3/8 hook
- *ATV remote available

OUTSTANDING FEATURES

- Power in and Power out
- High Torque 1.95hp Motor
- H D Waterproof Contactors
- Full Steel Planetary Gearing
- Mount Plate as Standard
- Full Load Holding Break
- Can fit tow ball mount

TECHNICAL SPECIFICATIONS

SPECIFICATION

RATED LINE PULL: 4500lbs (2041kg)
MOTOR: 12v : 1.95hp / 1.37kw
GEARING: 172:1
BRAKING ACTION: Automatic 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)	Line speed		Amp draw	
		ft/min	m/min	12v	24v
1	4500 (2401)				
2	3642 (1652)				
3	3060 (1388)				
4	2638 (1196)				

Line pull lbs (kg)	Line speed		Amp draw	
	ft/min	m/min	12v	24v
0	11.6	3.6	20	15
1500 (680)	9.2	2.8	70	40
2500 (1134)	7.8	2.4	100	65
3500 (1587)	6.6	2.0	140	80
4500 (2041)	4.9	1.5	200	130

6000 SPARTAN

6000LB 12V/24V ELECTRIC WINCH



Warrior Winches are delighted to announce the arrival of the new member of Spartan Series, Tough, Strong and ready for Battle. The Spartan 6000 Lb short drum model is ideal where space and payload are limited. The winch has a short drum and is less than 30kg, however the extended drum supports allow it to carrier up to 40m of 7.2mm cable. Also available with a Synthetic ROPE.

We really believe these to be the best value for money Winches around, a lower price does not mean that we have had to compromise the core values integral to a good winch, such as reliability and durability.

With great performance, outstanding features included as standard, & backed by the Warrior Winches unrivalled limited Lifetime Warranty, this should make a Spartan the first choice for all serious enthusiasts.

RISE UP WARRIOR & TAKE YOUR STAND



INCLUDED



SYNTHETIC ROPE OPTION AVAILABLE



STANDARD ACCESSORIES

- 40m Galvanised Steel Cable*
 - 3m Remote Handset
 - Heavy Duty Steel Roller Fairlead
 - Heavy Duty Battery Leads
 - Stainless Steel Mounting hardware
 - Clevis hook
- *Synthetic rope version available.

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

SPECIFICATION

RATED LINE PULL: 6000lbs (2727kg)
MOTOR: 12V: 4.5hp / 3.4kW
GEARING: 230:1
DRUM SIZE Dia x L: 63 x 107mm
CABLE Dia x L: 7.2mm x 40m
DIMENSIONS: 443 x 195 x 275mm
WEIGHT: 30kg

Layer of wire rope	Line Pull lbs (kg)	Cable Cap per Layer ft (m)
1	6000 (2727)	9.8 (3.0)
2	4979 (2258)	22.0 (6.7)
3	4255 (1930)	36.1 (11.0)
4	3714 (1685)	52.2 (15.9)
5	3296 (1495)	70.5 (21.5)
6	2962 (1344)	90.9 (27.7)
7	2690 (1220)	113.2 (34.5)
8	2463 (1117)	131.2 (40.0)

PERFORMANCE

Line pull lbs (kg)	Line speed		Amps
	ft/min	m/min	
0	19.4	5.9	80
2000 (907)	13.1	1.0	140
4000 (1814)	9.2	2.8	210
6000 (2727)	7.2	2.2	285

SPARTAN SERIES

SPARTAN 12V/24V ELECTRIC WINCHES

In the winching industry, you usually get what you pay for. The lower the price, the poorer the quality. Very rarely is a new product brought to the market that is the exception to this rule, giving you far more features & value than the price would imply.

Enter the Spartan Series, Tough, Strong and ready for a Battle, these Winches really will challenge all before them. We have reluctantly termed them as 'entry level', however this describes the price point, not the performance. We really believe these to be the best value for money Winches around, a lower price does not mean that we have had to compromise the core values integral to a good winch, such as reliability and durability. Available in 8000lb, 9500lb, & 12000lb capacity there is a model for every leisure application. With great performance, outstanding features included as standard, & backed by the Warrior Winches un-rivalled limited Lifetime Warranty, this should make a Spartan the first choice for all serious enthusiasts.

SYNTHETIC ROPE OPTION AVAILABLE



RISE UP WARRIOR AND TAKE YOUR STAND

WARRIOR SPARTAN

INCLUDED



STANDARD ACCESSORIES

- Galvanised steel cable
- 3m Remote Handset
- Heavy Duty Steel Roller Fairlead
- Heavy Duty Battery Leads
- Stainless Steel Mounting hardware
- Clevis 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

3 VERSIONS AVAILABLE.

80SPS12

RATED LINE PULL: 8 000lbs (3629kg)
MOTOR: 12v : 4.6hp / 3.2kw
GEARING: 233:1
BRAKING ACTION: Auto in the drum
DRUM SIZE Dia x L: 63 x 224mm
CABLE Dia x L: 8.3mm x 26m
MOUNTING PATTERN: 254 x 114.3mm
DIMENSIONS: 540 x 160 x 219mm

95SPS12

RATED LINE PULL: 9500lbs (4500kg)
MOTOR: 12v : 4.6hp / 3.2kw
GEARING: 230:1
BRAKING ACTION: Auto in the drum
DRUM SIZE Dia x L: 63 x 224mm
CABLE Dia x L: 9.2mm x 25m
MOUNTING PATTERN: 254 x 114.3mm
DIMENSIONS: 540 x 160 x 219mm

125SPS12

RATED LINE PULL: 12 000lbs (5400kg)
MOTOR: 12v : 6.0hp / 4.6kw
GEARING: 230:1
BRAKING ACTION: Auto in the drum
DRUM SIZE Dia x L: 63 x 224mm
CABLE Dia x L: 10.2mm x 25m
MOUNTING PATTERN: 254 x 114.3mm
DIMENSIONS: 580 x 160 x 219mm

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SAMURAI SERIES

SAMURAI 12V/24V ELECTRIC WINCHES

Superb high specification winch. Ideal for recovery and 4x4 applications. Outstanding features include high quality series wound double sealed motor with brass fittings, heavy duty waterproof contactors, double sealed drum on maintenance free bearings, quiet, efficient full steel planetary gearing. Comes with stainless steel roller fairlead and fittings as standard. 12v versions come complete with Heavy Duty integrated wireless remote.

SYNTHETIC ROPE OPTION AVAILABLE



INCLUDED



12V only



Laser etched extruded aluminium tie bars reinforced with steel body.

Fully sealed to IP68 Standard.

New heavy duty gloss chip resistant finish.

Fully sealed 600 amp contactors.

STANDARD ACCESSORIES

- Armortek Synthetic Rope
- 3m Remote Handset
- Aluminium Fairlead
- Heavy Duty Battery Leads
- Isolation switch
- Stainless Steel Mounting hardware
- Built In Wireless remote (12v only)
- 5/16 hook

OUTSTANDING FEATURES

- All Brass (no corrosion) Series Wound Motor
- Double Sealed Motor
- Sealed Waterproof Contactor
- Steel Contactor Cover for Added Protection
- Double Sealed Drum (Gearbox/Motor)
- Sealed 3 Stage Planetary Gears
- Integrated Wireless Remote (12V only)

TECHNICAL SPECIFICATIONS

8000 S

RATED LINE PULL: 8000lbs (3629kg)
MOTOR: 12v : 4.6hp / 3.2kw
GEARING: 210:1
BRAKING ACTION: Auto in the drum
DRUM SIZE Dia x L: 63 x 223mm
CABLE Dia x L: 9.5mm x 30m
MOUNTING PATTERN: 254 x 114.3mm
DIMENSIONS: 540 x 160 x 219mm

9500 S

RATED LINE PULL: 9500lbs (4500kg)
MOTOR: 12v : 4.6hp / 3.2kw
GEARING: 230:1
BRAKING ACTION: Auto in the drum
DRUM SIZE Dia x L: 63 x 223mm
CABLE Dia x L: 9.5mm x 30m
MOUNTING PATTERN: 254 x 114.3mm
DIMENSIONS: 540 x 160 x 219mm

12000 S

RATED LINE PULL: 12 000lbs (5400kg)
MOTOR: 12v : 6.5hp / 4.6kw
GEARING: 230:1
BRAKING ACTION: Auto in the drum
DRUM SIZE Dia x L: 63 x 223mm
CABLE Dia x L: 11mm x 30m
MOUNTING PATTERN: 254 x 114.3mm
DIMENSIONS: 580 x 160 x 219mm

4000EN & 17500 VERSIONS ALSO AVAILABLE.

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9500 HS SAMURAI

HIGH SPEED ELECTRIC WINCH

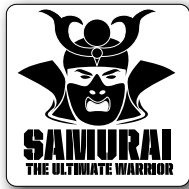


The ultimate winch for Extreme Terrain. Fully Sealed with an unbeatable line Speed of 65 ft/min. Outstanding features includes Huge 6.5 hp high quality double sealed motor with brass fittings, heavy duty waterproof contactors, double sealed drum on maintenance free bearings, quiet, fully sealed efficient full steel planetary gearing. Stainless steel roller fairlead and fittings as standard. 12v versions come complete with Heavy Duty integrated wireless remote.

INCLUDED



12v only



SYNTHETIC ROPE OPTION AVAILABLE



No load speed of 65ft/min

Laser etched extruded aluminium tie bars reinforced with steel body.

Fully sealed to IP68 Standard.

New heavy duty gloss chip resistant finish.

Fully sealed 600 amp contators.

STANDARD ACCESSORIES

- 26m x 9.5mm steel cable
- 3m Remote Handset
- Heavy Duty Stainless Steel Fairlead
- Heavy Duty Battery Leads
- Isolation switch
- Stainless Steel Mounting hardware
- Built In Wireless remote (12v only)
- 5/16 hook

OUTSTANDING FEATURES

- All Brass (no corrosion) Series Wound Motor
- Double Sealed Motor
- Sealed Waterproof Contactor
- Steel Contactor Cover for Added Protection
- Double Sealed Drum (Gearbox/Motor)
- Sealed 3 Stage Planetary Gears
- Stainless Steel 4 Way fairleads
- Integrated Wireless Remote (12v only)

TECHNICAL SPECIFICATIONS

SPECIFICATION

RATED LINE PULL: 9500lbs (4500kg)
MOTOR: 12v : 6.5hp / 4.5kw
GEARING: 110:1
BRAKING ACTION: Automatic in the drum
DRUM SIZE Dia x L: 63 x 224mm
CABLE Dia x L: 9.5mm x 26m
MOUNTING PATTERN: 254 x 114.3mm
DIMENSIONS: 577 x 160 x 215mm

TECHNICAL PERFORMANCE

Layer of wire rope	Line pull lbs (kg)	Line pull		Line speed		Amp draw	
		lbs (kg)	ft/min	m/min	12v	24v	
1	9500 (4309)	0	65	19.8	80	45	
2	7706 (3495)	4000 (1818)	12.5	3.8	300	175	
3	6482 (2940)	6000 (2722)	11.81	3.6	400	230	
4	5400 (2400)	9500 (4309)	8.86	1.9	530	335	

9500 SD SAMURAI

9500LB SHORT DRUM ELECTRIC WINCH

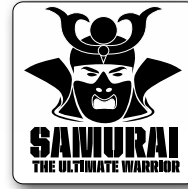


The narrow drum version of the best selling 9500EWX. A total width of 437 mm ensures this is the perfect product for limited space. The 5.0hp motor delivers 9500lb of pulling power in space normally designed for winches with half the power. The Short Drum winch is the preferred choice of the British Military on specialist vehicles currently serving in action. Available with synthetic rope and aluminium fairlead, to give a total weight of 20kg. 12v versions come complete with Heavy Duty integrated wireless remote.

INCLUDED



12v only



Short drum of 437mm wide

Laser etched extruded aluminium tie bars reinforced with steel body.

Fully sealed to IP68 Standard.

New heavy duty gloss chip resistant finish.

Fully sealed 600 amp contators.

STANDARD ACCESSORIES

- 14m x 9.2mm steel cable
- 3m Remote Handset
- Heavy Duty Stainless Steel Fairlead
- Heavy Duty Battery Leads
- Isolation switch
- Stainless Steel Mounting hardware
- Built In Wireless remote (12v only)
- 5/16 hook

OUTSTANDING FEATURES

- Power in and Power out
- High Quality 5.0hp Series wound motor
- Heavy Duty Waterproof Contactors
- Full Steel Planetary Gearing
- Double sealed motor and drum
- Full Load Holding Brake
- Integrated Wireless remote (12v only)

TECHNICAL SPECIFICATIONS

SPECIFICATION

RATED LINE PULL: 9500lbs (4500kg)
MOTOR: 12v : 5.0hp / 3.5kw
GEARING: 230:1
BRAKING ACTION: Automatic in the drum
DRUM SIZE Dia x L: 63 x 120mm
CABLE Dia x L: 9.2mm x 14m
MOUNTING PATTERN: 151 x 114.3mm
DIMENSIONS: 437 x 160 x 272mm

TECHNICAL PERFORMANCE

Layer of wire rope	Line pull lbs (kg)	Line pull		Line speed		Amp draw	
		lbs (kg)	ft/min	m/min	12v	24v	
1	9500 (4309)	0	23	7	80	70	
2	7706 (3495)	3000 (1361)	12.5	3.8	170	140	
3	6482 (2940)	6000 (2722)	9.8	3	260	210	
4	5593 (2537)	9500 (4309)	6.4	1.9	380	270	

SAMURAI SERIES

17500/20000 LB 12V ELECTRIC WINCHES



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 ensures these immense Warriors are ready for any battle.

**WHO DARES
TO CHALLENGE
THIS WARRIOR?**



Laser etched
extruded aluminium
tie bars reinforced
with steel body.

New heavy duty gloss
chip resistant finish.

Fully sealed
600 amp contactors.



INCLUDED



STANDARD ACCESSORIES

- 3m Remote Handset
- Heavy Duty Stainless Steel Fairlead
- Heavy Duty Battery Leads
- Isolation switch
- Stainless Steel Mounting hardware

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
- High Quality Steel Drum Supports (20 000 version)

TECHNICAL SPECIFICATIONS

17 500 SAMURAI

RATED LINE PULL: 17 500lbs (7938kg)
MOTOR: 12v : 7.0hp / 4.9kw
GEARING: 430:1
BRAKING ACTION: Automatic in the drum
DRUM SIZE Dia x L: 89 x 219mm
CABLE Dia x L: 12mm x 26m
MOUNTING PATTERN: 254 x 114.3mm
DIMENSIONS: 610 x 216 x 254mm

20 000LB SAMURAI

RATED LINE PULL: 20 000lbs (9072kg)
MOTOR: 12v : 7.5hp / 5.4kw
MOTOR: 24v: 7.9hp / 6.0kw
GEARING: 430:1
DRUM SIZE Dia x L: 89 x 219mm
CABLE Dia x L: 12mm x 26.5m
MOUNTING PATTERN: 254 x 114.3mm
MOUNTING PATTERN: 254 x 165.1mm
DIMENSIONS: 610 x 218 x 272mm
WEIGHT: 67 kg
Part No: 200SS12 (12V) & 200SS24 (24V)

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NH SERIES

HYDRAULIC WINCHES



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. Stainless steel roller fairleads and fittings are standard.



STANDARD ACCESSORIES

- Steel cable (see below)
- Heavy Duty Roller Fairlead (10000/15000NH)
- 5/16 or 3/8 Hook

OUTSTANDING FEATURES

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

TECHNICAL SPECIFICATIONS

10 000 NH

RATED LINE PULL: 10 000lbs (4536kg)
MAX LINE PULL: 12 500lbs (5670kg)
MOTOR: Hydraulic Dis 50 ml/r
GEARING: 33:1
DRUM SIZE Dia x L: 72 x 224mm
CABLE Dia x L: 10.2mm x 26.5m
MOUNTING PATTERN: 254 x 114.3mm
DIMENSIONS: 510 x 186 x 224mm
WEIGHT: 55kg

15 000 NH

RATED LINE PULL: 15 000lbs (6804kg)
MAX LINE PULL: 17 000lbs (7711kg)
MOTOR: Hydraulic Dis 80 ml/r
GEARING: 37:1
DRUM SIZE Dia x L: 89 x 224mm
CABLE Dia x L: 12mm x 26.5m
MOUNTING PATTERN: 254 x 114.3mm
DIMENSIONS: 530 x 206 x 247mm
WEIGHT: 65kg

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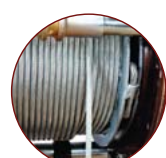
SCAFFOLD HOISTS

110, 220 & 240V MODELS



Warrior 'Next Generation Scaffold hoist' leads the field in design and performance 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. High strength carbon construction, powder coated finish ensures maximum durability. The hoist conforms to EN 14492:2 utilising a dynamic brake design for both static and dynamic loading with upper and lower limit switches. Thermal overload protection on the motor as standard. Optional Wireless Remote System available. Available in 110v ,240v and 220v for the EU market.

SPECIAL FEATURES

-  Unique design and elegant shape.
-  Suspending style with protection hook allows for convenient and reliable mounting.
-  The unique automatic rope winding system lines up the steel rope with no mess and increases the lifespan of the rope.
-  Special rope drum for a maximum of 40m steel rope. Extension steel rope is available.
-  Easily change the steel rope without needing to disassemble.
-  The Pulley Hook allows double lifting capacity.
-  The Up & Down limiting device meets European Standard EN-14492-2:2006
-  New designed bearing system allows free rotating of the cable drum and increases the lifetime of the hoist.
-  Easily lubricate via the grease nipple.
-  Interlock Safety protection.



Optional radio remote system.

Fully waterproof to IP65 Standard

MODELS & SPECIFICATIONS

MODELS	110VSH500	240VSH500	110VSH800	240VSH800
VOLTAGE:	110v	240v/220v	110v	240v/220v
MAX LOAD (Single/Double):	250 / 500kg	250 / 500kg	400 / 800kg	400 / 800kg
LIFT SPEED:	8m/min	8m/min	8m/min	8m/min
CABLE:	4.2mm x 40m	4.2mm x 40m	5.6mm x 34m	5.6mm x 34m
RATING:	IP65	IP65	IP65	IP65
LIMIT SAFETY SWITCH:	Upper & Lower	Upper & Lower	Upper & Lower	Upper & Lower
OPTIONAL:	Wireless Remote	Wireless Remote	Wireless Remote	Wireless Remote

ELECTRIC HOISTS

220V/240V ELECTRIC HOISTS



New 2016 design. Compact, general purpose 240v / 220v 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 has 3m remote switch with power in & power out facility. Conforms to BS EN14492 standard with built in upper and lower limit switches and also with a thermal overload on the motor for added safety. IP 54 rated.



Integrated double limit safety switch

New improved IP rating 54

MODELS & SPECIFICATIONS

MODELS	240VEH250	240VEH500	240VEH1000
VOLTAGE:	240/220v	240/220v	240/220v
MAX LOAD (Single/Double):	125 / 250kg	250 / 500kg	500 / 999kg
LIFT HEIGHT (Single/Double):	12m / 6m	12m / 6m	12m / 6m
LIFT SPEED (Single/Double):	8 / 4mpm	8 / 4mpm	8 / 4mpm
MOTOR:	550 Watts 230V	1050 Watts 230V	1600 Watts 230V
CABLE:	3mm x 12.5 Twist Free	4mm x 12.5 Twist Free	5mm x 12.5 Twist Free
RATING:	IP54	IP54	IP54
WEIGHT:	12kg	18kg	32kg
DOUBLE LIMIT SAFETY SWITCH:	Integrated	Integrated	Integrated

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



Aluminium Fairleads



Logo Fairleads



Tube Thimble



G80 Hook



CENTURION

WIRELESS REMOTE CONTROL

The ultimate remote for the professional user.



CLOSELINK

Two-way CloseLink communication is at the heart of Centurion. Thanks to constant interaction between the handheld device and controller, the operator always has the situation under control, since intervention is possible at any time with maximum efficiency. The Controller constantly checks remote connection with the handheld device; if after a default time (300 ms for manned functions, 5 seconds for on/off functions), a correctly coded signal is not received, the controller goes in standby, resetting all the output to zero. Centurion also uses up to 15 transmission channels and proprietary algorithms for asynchronous communication to reduce the probability of interference with external sources to a minimum.

The 150m capacity in free space and without obstacles makes Centurion ideal for applications for operation at long distances, thanks to GFSK digital modulation that ensures maximum autonomy of 2,500 hours in stand-by and up to 200 hours of continuous transmission with 2 simple AAA batteries.



COMPLIANCE WITH STANDARDS

- Directive 1999/5/EC (R&TTE) Remote control and telecommunications equipment (Article 3, Article 10 and Appendix 4).
- EN 60950-1 Health and safety.
- EN 301 489-3 Electromagnetic compatibility.
- EN 300 220-2 Use of radio frequencies spectrum.
- EN 60204-32 Electrical equipment safety.
- Directive 2004/104/EC Vehicle electromagnetic compatibility.
- FCC part 15.249.



IMPERMEABILITY

Centurion handheld devices & controllers are perfectly watertight, thanks to protection level IP67.

The volumetric ratios make the Centurion handheld device also ideal in nautical applications, enabling it to float; the impermeability of the controllers enable their installation also in locations exposed to the elements.



ERGONOMICS

Buttons 10mm in diameter, with a wide inter-axis, with clear and effortless contact make the keypad suitable for all users. It is excellent in all those circumstances in which, for various reasons, user sensitivity is reduced or does not permit regulated force. The proportions of the handheld device are the result of appropriate assessment and enable easy, effortless hold. The contained weight and the reduced dimensions make it easy to use for everyone.



The Centurion remote, designed & manufactured in Europe.



UNIQUENESS

Each Centurion system has a distinct source code which means it can also work with other Sistematica devices nearby and you can be assured that commands will only be exchanged among components on the same system: the 32 bit code enables distinct identification of over 4 billion handheld device-controller couplings. In the event of replacement it is possible to pair the new handheld device/controller with the due counterpart using a simple procedure, which can even be carried out by the end user.



PROTECTION FROM POWER SUPPLY POLE IN VERSION

The use of specific components against power supply pole inversion guarantees the integrity of the device during installation and maintenance operations.



OUTPUT PROTECTION

All the output is protected from short circuits, surges and inverse voltage to enable parallel functioning with other actuators. The integration of recirculation diodes on the output make the device particularly indicated to command inductive loads, such as electro and solenoid valves, which no longer require the addition of external diodes.



DURABILITY

The Centurion handheld devices are all manufactured in highly resistant moulded plastic with a rubber shell that makes its hold firmer and protects against knocks, even if dropped from a height of 4 metres.

The absence of mechanical elements enables functioning in unfavourable environments, with a temperature range from -20°C to +55°C.

HANDHELD DEVICE

No of commands	2
Frequency	ISM 868/915 MHz
Power Supply	2 AAA 1.5V batteries
Absorption in stand-by	~ 5 µA
Av absorption during transmission	25 mA
Maximum Capacity	150m in free space & without obstacles
Protection IP67	Silicone rubber keypad
Weight (incl batts)	120 g
Functioning temperatures	From -20 °C to +55 °C
Dimensions	109 x 56 x 30 mm

CONTROLLER

No of output	2
Frequency	ISM 868/915 MHz
Protection level	IP68
Power supply voltage	12-24VDC µ± 10%
Functioning temperatures	From -20 °C to +55 °C
Power MOS-FET	
Maximum output current	5A
Maximum total current	7A
Antenna	External
Dimensions (excl antenna)	58 x 80 x 22 mm





VALUE WITHOUT COMPROMISE

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

