



**VALUE WITHOUT
COMPROMISE**

WARRIOR INDUSTRIAL.



www.warriorwinch.co.uk



ABOUT US

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 recognized 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.

For Industrial and Commercial winching applications, no product performs better than a Warrior Industrial winch. Powerful electric and hydraulic motors allow for extended duty. Hardened steel, planetary gear trains deliver efficient and reliable operation plus fast line speeds.

The whole range comply with world-wide quality and safety standards.

TOTAL SOLUTIONS

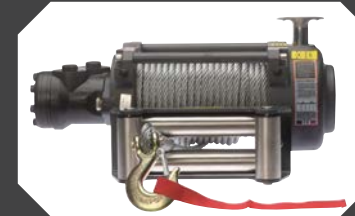
Winch Solutions Ltd offers a comprehensive range of vehicle winches, lifting winches, hoists and associated equipment.

We also provide a bespoke design and installation service, tailored to exact industry or application requirements.

All products carry a full warranty and complete fitting services can be provided if needed with certification and load testing.

Current customers include major utility companies, OEM's and the British Military.

PRODUCT RANGE



NH SERIES

Heavy duty hydraulic winches from 10000lb to 20000lbs. High torque motors, HD gearboxes & s/steel fairleads and fittings. Meet SAE J706 requirements.



EN SERIES

Developed for the professional operator as part of a design solution to comply to EN 14492 : 1.



NW SERIES

A hydraulic winch for industrial and commercial applications. Part of a design solution to comply to EN 14492 : 1.



JP INDUSTRIAL HYDRAULIC WINCHES

Heavy duty hydraulic winches designed & tested for toughest applications. From 10 - 40 tonne. Part of a design solution to comply to EN 14492 : 1.



KDJ AC WINCHES

The complete range of Single and 3 phase AC winches. All products comply to EN 14492 : 1 and EN 14492 : 2.



EXTRAS AS STANDARD

All our Industrial Winches come complete with accessories needed to do the job. Depending on the model these include Balance Valves, Tensioner, Roller Fairleads, Isolation Switches, Emergency Stop function and many more



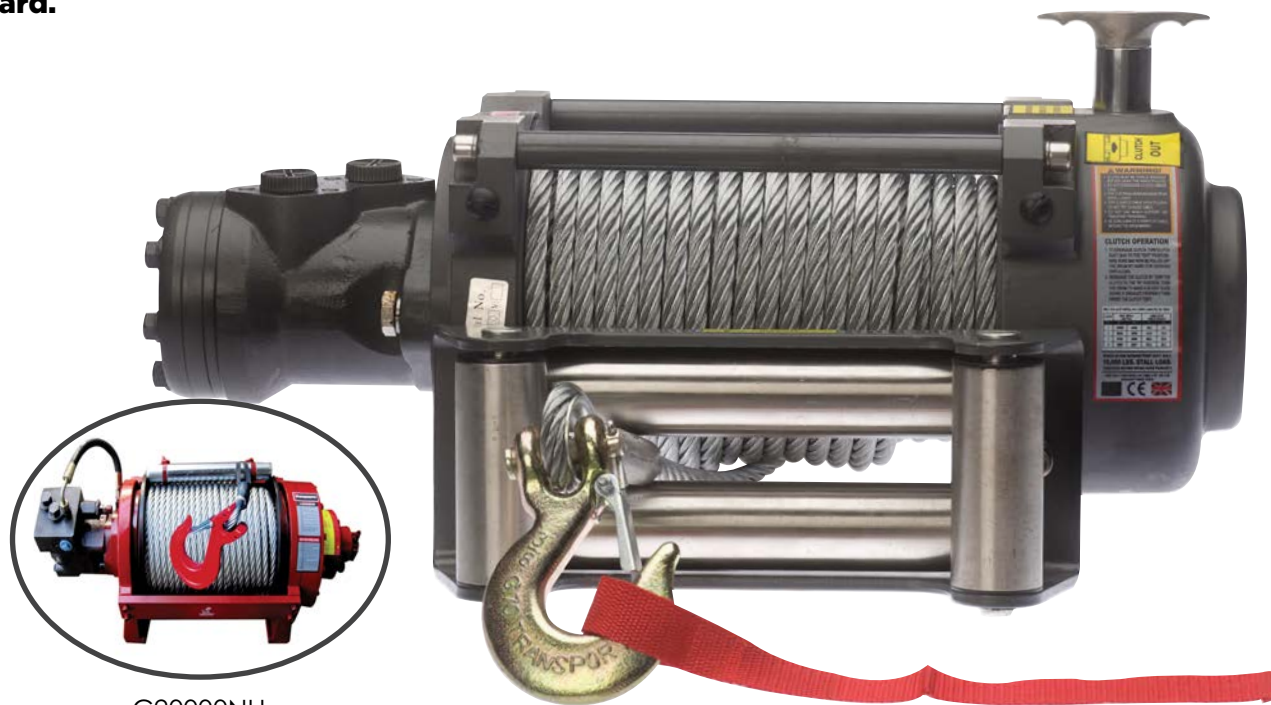
FULL RANGE OF ACCESSORIES AVAILABLE



NH SERIES

HYDRAULIC WINCHES

Compact, tough. Hydraulic winches 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.



C20000NH

STANDARD ACCESSORIES

- 26m x 11mm / 26.5m x 12mm / 48m x 14mm steel cable
- Heavy Duty Roller Fairlead (10000/20000NH)
- 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
- Complete with Balance Valve (20000NH)
- Air Operated Freespool (20000NH)
- Rope and Tensioner as Standard (20000NH)
- Lifetime Mechanical Warranty

C10000NH

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

C15000NH

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

C20000NH

RATED LINE PULL: 20 000lbs (9072kg)
PRESSURE: 175 BAR
MOTOR: Hydraulic Dis 100 ml/r
GEARING: 39:1
DRUM SIZE Dia x L: 138 x 316mm
CABLE Dia x L: 14mm x 48m
MOUNTING PATTERN: 254 x 114.3mm
DIMENSIONS: 855 x 360 x 305mm
WEIGHT: 163kg



C2500 EN

EN 14492:1 COMPLIANT ELECTRIC WINCH

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

- 30m x 8mm steel cable
- 3m Remote Handset
- HD Stainless Steel Fairlead
- Heavy Duty Battery Leads
- Emergency Stop Button
- Stainless Steel Mounting Hardware

OUTSTANDING FEATURES

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

SPECIFICATION

RATED LINE PULL: 2500 kg
 (14492-1 COMPLIANCE)
MAX LINE PULL: 5400 kg
MOTOR: 12v : 6.5hp / 4.6kw
GEARING: 230:1
BRAKING ACTION: Auto in the drum
DRUM SIZE Dia x L: 72 x 223mm
CABLE Dia x L: 8mm x 26m
MOUNTING PATTERN: 254 x 114.3mm
DIMENSIONS: 580 x 160 x 219mm
WEIGHT: 40 kg

TECHNICAL PERFORMANCE

Layer of	Line pull	Line pull	Line speed		Amp draw	
wire rope	lbs (kg)	lbs (kg)	ft/min	m/min	12v	24v
1	5500 (2495)	0	26.2	8.0	70	40
2	4311 (1955)	2500(227)	12.8	3.9	180	82
3	3544 (1608)	4500 (2041)	9.5	2.9	220	112
		5500 (2495)	7.9	2.4	260	132



C4000 EN

EN 14492:1 COMPLIANT ELECTRIC WINCH

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

- 25m x 10mm steel cable
- 3m Remote Handset
- HD Stainless Steel Fairlead
- Heavy Duty Battery Leads
- Emergency Stop Button
- Stainless Steel Mounting Hardware

OUTSTANDING FEATURES

- Wire rope to drum ratio 10:1
- 21 60N/mm² Rope grade with 2:1 rating
- Twin hole rope fixing
- Full load holding brake
- Overload protection (option)
- Emergency stop remote handset
- Free spool clutch lever
- Machine guard available.

SPECIFICATION

RATED LINE PULL: 4000 kg
(14492-1 COMPLIANCE)
MAX LINE PULL: 7954 kg
MOTOR: 12v : 7.0hp / 4.9kw
GEARING: 430:1
BRAKING ACTION: Auto in the drum
DRUM SIZE Dia x L: 90 x 219mm
CABLE Dia x L: 10mm x 26m
MOUNTING PATTERN: 254 x 114.3mm
DIMENSIONS: 610 x 216 x 254mm
WEIGHT: 40 kg

TECHNICAL PERFORMANCE

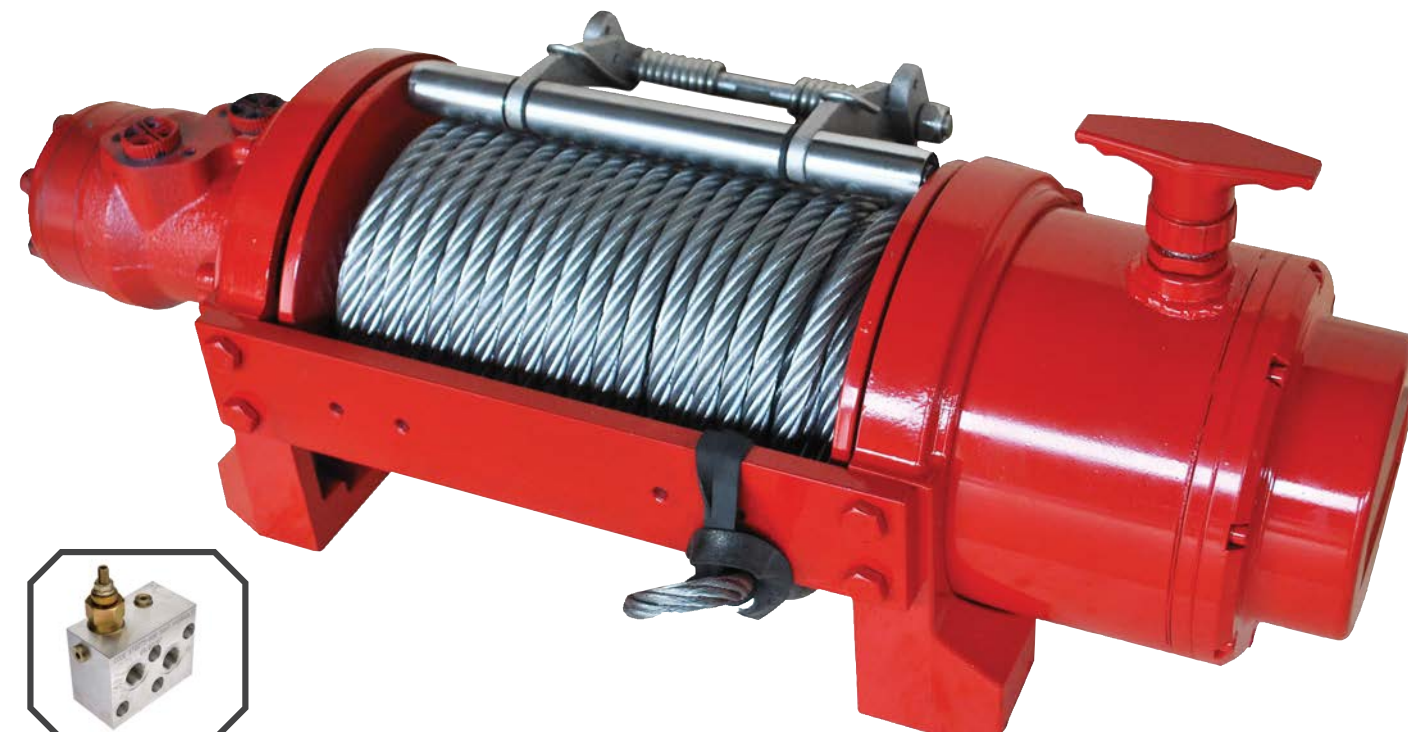
Layer of wire rope	Line pull lbs (kg)	Line pull		Line speed		Amp draw	
		lbs (kg)	ft/min	m/min	12v	24v	
1	8180 (4000)	0	14.4	4.4	80	70	
2	7315 (3318)	2205 (1000)	8.5	2.6	130	78	
3	6248 (2834)	4409 (2000)	6.9	2.1	180	108	
4	5454 (2474)	8818 (4000)	4.9	1.5	280	155	



NW SERIES

EN 14492:1 COMPLIANT 10/15 000 LB HYDRAULIC WINCHES

Compact, tough. A hydraulic winch for industrial and commercial applications. The special heat treated planetary 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.



STANDARD ACCESSORIES

- 25m x 12mm steel cable*
- 26.5m x 11mm steel cable**
- Balance Valve
- 1/2 Hook
- Tensioner included

OUTSTANDING FEATURES

- Patented Heavy Duty Gearing
- Integral, Automatic Failsafe Brake
- Spring Engaged Manual Freespool
- Rugged and Compact for Long Life
- Meets the requirements of EN 14492:1

** 10 000 NW

RATED LINE PULL: 10 000lbs (4536kg)
MAX LINE PULL: 12 500lbs (5670kg)
MOTOR: Hydraulic Dis 100.8 ml/r
GEARING: 16:1
DRUM SIZE Dia x L: 102 x 253mm
CABLE Dia x L: 11mm x 26.5m
MOUNTING PATTERN: 374.2 x 114.3mm
(291 x 117.2mm)
DIMENSIONS: 643 x 265 x 241mm
WEIGHT: 60kg (132 lb)

* 15 000 NW

RATED LINE PULL: 15 000lbs (6810kg)
MAX LINE PULL: 17 500lbs (7954kg)
MOTOR: Hydraulic Dis 160 ml/r
GEARING: 17.2:1
DRUM SIZE Dia x L: 127 x 270mm
CABLE Dia x L: 12mm x 25m
MOUNTING PATTERN: 303.5 x 114.3mm
(368 x 117.2mm)
DIMENSIONS: 716 x 282 x 304mm
WEIGHT: 80kg (176 lb)



C20000 NH

20 000LB HYDRAULIC WINCH

The complete Package. A superb heavy duty winch supplied complete with Balance Valve, cable and Heavy Duty tensioner. Standard features include air operated clutch, high precision 2 stage planetary gearing and a rugged high torque motor. The ultimate winch for heavy recovery and commercial applications.



STANDARD ACCESSORIES

- 48m x 14mm steel cable
- Rope Tensioner
- Hook
- Balance valve

OUTSTANDING FEATURES

- Rugged High Torque Motor
- 2 Stage Planetary Gearing
- Complete with Balance Valve
- Air Operated Freespool
- Rugged and compact for Long Life
- Heavy Duty Steel cast Frame
- Rope and Tensioner as Standard

SPECIFICATION

RATED LINE PULL: 20 000lbs (9072kg)
PRESSURE: 175 BAR
MOTOR: Hydraulic Dis 100 ml/r
GEARING: 39:1
DRUM SIZE Dia x L: 138 x 316mm
CABLE Dia x L: 14mm x 48m
MOUNTING PATTERN: 254 x 114.3mm
DIMENSIONS: 855 x 360 x 305mm
WEIGHT: 163kg

TECHNICAL PERFORMANCE

Layer of wire rope	Line pull lbs (kg)	Line pull lbs (kg)	Line speed ft/min	Line speed m/min	Flow l/min	Press Bar
1	20000 (9072)	0	5.9	1.8	15	25
2	16889 (7661)	4000 (1814)	11.7	3.6	30	42
3	14615 (6630)	8000 (3629)	19.6	6.0	50	85
4	12881 (5843)	15000 (6804)	23.6	7.2	60	140
		20000 (9072)	29.7	9.0	75	175



JP SERIES

INDUSTRIAL HYDRAULIC WINCHES

Tough and compact, the JP series are heavy duty hydraulic winches designed and tested for 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 40 tonne . Manufactured to meet the requirements of EN 14492 : 1 Standard.



OUTSTANDING FEATURES

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

SPECIFICATIONS

	C13.5JP	C15JP	C20JP	C30JP	C40JP
RATED LINE PULL (bottom layer):	13 500kg	15 000kg	20 000kg	30 000kg	40 000kg
WORKING SPEED (bottom layer):	7.5 m/min	6 m/min	6 m/min	5.5 m/min	3 m/min
RESPONSE PRESSURE OF ARRESTER:	<2.5 Mpa	<2.5 Mpa	<2.5 Mpa	<2.5 Mpa	<2.5 Mpa
WORKING PRESSURE:	17 Mpa	17 Mpa	17 Mpa	17 Mpa	17 Mpa
OIL FLOW:	110 L/min	110 L/min	120 L/min	120 L/min	120 L/min
DRUM SIZE:	400x210x340mm	400x210x340mm	532x210x340mm	530x280x360mm	600x280x480mm
RECOMMENDED ROPE SIZE:	40mx18mm	70mx22mm	60mx26mm	60mx32mm	65mx36mm
WEIGHT:	262kg	285kg	295kg	570kg	800kg



KDJ SERIES

KDJ SERIES AC WINCHES

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.



OUTSTANDING FEATURES

- Lightweight and compact design for easy installation
- Planetary gears for maximum mechanical efficiency
- HD high efficiency ball bearing on all running surfaces
- Enclosed drum flange to prevent rope becoming trapped between drum and support castings
- Emergency stop function switch is available upon request
- Electromagnetic spring-applied failsafe brake
- Steel plate foot mountings
- Quiet running

KDJ SPECIFICATION

Model No.	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-200E	200	10-15/12-18	0.6x4	AC*	29	6 x 30	36	S3-25% 20min	25% ED***
KDJ-250E	250	10-15/12-18	0.75x4	AC*	29	6 x 30	40	S3-25% 20min	25% ED***
KDJ-300E	300	10-15/12-18	1.1x4	AC*	29	7 x 30	49	S3-25% 20min	25% ED***
KDJ-500E	500	12-18	2.2x4	3 Phase**	58	9 x 60	136	S3-25% 20min	25% ED***
KDJ-1000E	1000	12-18	4x4	3 Phase**	58	11 x 60	156	S3-25% 20min	25% ED***
KDJ-2200E	2200	7-12.5	6x4	3 Phase**	97	16 x 100	36	S3-25% 20min	25% ED***
KDJ-3200E	3200	7-12.5	7.5x4	3 Phase**	97	18 x 100	40	S3-25% 20min	25% ED***
KDJ-3500E	3500	7-12.5	9x4	3 Phase**	140	18 x 143	49	S3-25% 20min	25% ED***
KDJ-5000E	5000	7-11	15x4	3 Phase**	192	22.4 x 200	48	S3-25% 20min	25% ED***
KDJ-10000E	10000	7-11	22x6	3 Phase**	235	32 x 250	136	S3-25% 20min	25% ED***

* AC 100/110/120/220/230/240 50/60Hz

**Three Phase 220/380/415/440/480 50/60Hz

*** 150 times/h maximum starting frequency

ARMORTEK WINCH ROPES

WINCH ROPE

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.



THERE ARE NUMEROUS BENEFITS FOR 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.

Diameter	9.5mm	11mm	12mm
Breaking Load	7500Kg	10500kg	12500kg

ACCESSORIES AVAILABLE:



Aluminium Fairleads



Logo Fairleads



Tube Thimble



G80 Hook



VALUE WITHOUT COMPROMISE

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

www.warriorwinch.co.uk