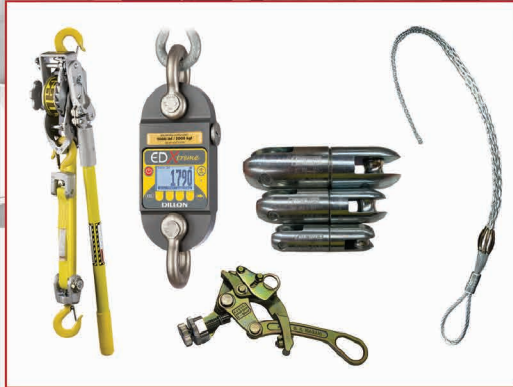




PULLING & HAULING - OVERHEAD



TEN offers an extensive range of equipment for Overhead and Underground Distribution construction.

- ▶ Wire Grips, Socks and Swivels
- ▶ Hoists and Dynamometers
- ▶ Stringing Roller and Hand Line Blocks
- ▶ Dyneema, Double Braid and Polypropylene Rope
- ▶ Cable Pullers and Winches
- ▶ Underground Trench, Corner and Manhole Rollers
- ▶ Conduit Proving and Cleaning
- ▶ Cable Pulling Lubricant
- ▶ Duct Rodders
- ▶ Cable Stand and Reel Rollers



PULLING AND HAULING - TABLE OF CONTENTS

OVERHEAD PULLING AND HAULINGA4

Grips, Wire / Conductor A4
 Grips - Nagaki (NGK)..... A4
 Grip Selection Chart - Nagaki (NGK)..... A5
 Grips - Klein A6
 Grips and Liners - Riganti..... A6

Hoists A7
 Web Strap Ratchet Hoists - Nagaki NGK..... A7
 Wire Rope Hoists - Nagaki NGK A7
 Web Strap Hoists - Lug-All A8
 Wire Rope Hoists - Lug-All A9
 Cable Hoist 500 to 3200kg - Yaletrac ST..... A10
 Chain Hoists 0.75 and 1.5T - Nagaki (NGK) A10
 Chain Hoists 3, 4 and 6T - Nagaki (NGK)..... A10
 Chain Hoists - Vital A11
 Chain Hoists - KITO..... A11

Dynamometers A12
 Mechanical Dynamometers - Nagaki (NGK) A12
 Mechanical Dynamometers - Dillon A12
 Digital Dynamometers - EDJunior - Dillon A13
 Digital Dynamometers - EDXtreme - Dillon..... A13
 Stringer APP for EDXtreme and Quickcheck Tension meter . A13

Tension Meter - Dillon A14
 Quick-Check "T" Tension Meter - Dillon A14

Socks and Grips, Cable A15
 NS Non-Metallic Aramid Socks - Slingco A15
 Non-Conductive Nylon Socks - NCG A15
 Cable Pulling Grips - Slingco A16
 Heavy Duty Large Eye Cable Socks - Tesmec A16
 Double Head Socks - Tesmec..... A16

Joints and Swivels A17
 Standard Swivels - Tesmec A17
 Rope to Swivel Connector - Condux A17
 Fixed Joints - Tesmec A17

Lifting Gin - Hastings A17

Cross-Arm Slings..... A17

Stringing Rollers and Attachment Brackets A18
 Universal Stringing Roller - SPP..... A18
 Universal Roller Bracket -SPP A18
 Universal Roller Bracket - Load Rating..... A18
 Universal Stringing Roller..... A19
 Cross Arm bracket..... A19
 Ball Clevis Socket Fittings..... A19
 Tie Top Post Insulator Bracket A19
 Pin Insulator Roller - SPP A19
 Cross-arm Roller - SPP A20
 ABC Roller - SPP A20
 Catenary Roller - SPP..... A20

Hand-Line and Rope Blocks A21
 Hand Line Blocks A21
 Single Non-Conductive Hand-line Block..... A21
 Hand-line Hook..... A21
 Service Line Tensioners..... A21

Pole Platform - Steel, Concrete & Wooden A21

Blocks - Multipurpose..... A22
 Multipurpose snatch-block - OX Block™..... A22
 Ox Block Accessories..... A24
 Ox Hook gate and mechanism operation..... A24
 Single and Double Sheaves A24
 Heavy Duty Single Sheaves A24

Pole Handling A25
 Pole Stands - Flat Stack - TEN..... A25
 Pole Stands - Lightweight..... A25

Conductor Triple Line Lifter - LineWise A26

Hydraulic Pole Pullers..... A26
 56T Pole Puller, Hydraulic A26
 22T Pole Puller, Hydraulic - Reliable A26

Twistarp Lifting Tarps..... A27

Pulling Rope..... A27
 Prima Dyneema Rope - Hampidjan A27
 3 Strand Polypropylene Rope - Hampidjan..... A27

Dielectric Ropes - D.E.W Line™ - Barry A28
 Tag Line A28
 Live Line Rope A28
 Live Line Rope Link..... A28
 Rescue Rope..... A29
 Safety Nets A29
 Insulating Rope - 3 Strand A29

Winches - Overhead - Chance A30
 Capstan Winches - 454kg A30
 Hydraulic Winch - 700bar (10,000psi) A30
 Electric Winch - 230V AC A30
 Petrol Winch - Honda 35cc 4-Stroke A30
 Chance Winch Accessories..... A31
 Rope Lock Device..... A31
 Universal Mounting Bracket A31
 Chain Clamp..... A31
 Swivel Base Truck Mount..... A31
 Swivel Base Truck Mount & Hitch Mount A31
 Foot Switch - Hydraulic..... A31

Winches - Overhead and Underground A32
 Portable Petrol Capstan Winch - Docma A32
 Docma Capstan Winch Accessories..... A32
 Portable Petrol Drum Winch - Docma..... A33
 Docma Capstan & Drum Winch Accessories..... A33
 Battery Capstan Winches, 1360kg - iTOOLco..... A34
 Electric Capstan Winches, 2727kg - iTOOLco..... A35
 Electric Capstan Winches, 4545kg & 5454kg - iTOOLco .A36

Running Line Tension Gauge - Safe Pull - iTOOLco..... A36



OVERHEAD PULLING AND HAULING

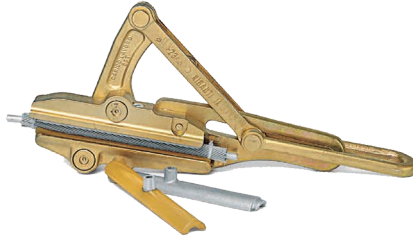
Grips, Wire / Conductor

Used to grip Conductors (AL, Cu, ACSR), Wire Rope, Steel, ABC and CCT during tensioning

Grips



NGK Grip
AL-MIDDLE-GRIP



Riganti OPGW Grip
IR3112



KLEIN GRIP
S1613-40H

IMPORTANT

The "SAFETY" of your personnel and the longevity of your equipment depends on the Correct use, Inspection, Cleaning and Maintenance.

Correct use

- Operators should be trained in the relevant job at hand
- Read and understand the Instruction/Operators Manual
- Ensure you have selected the correct grip for the conductor type, size and tension, as well as the ancillary equipment. (e.g. max tension of hoist).



For more information on the care and maintenance of your Grips, **CLICK** or **SCAN** the QR-Code

Contact TEN for cleaning equipment



Manufacturers Grips Supported by TEN - "Nagaki (NGK), Riganti, Tesmec & Klein"

Grips - Nagaki (NGK)

- Made in Japan from Quality Japanese materials
- Manufactured from high tensile alloy steel, hot forged, heat-treated, precision machined and zinc-plated
- Safety latch on all models
- Locking nut option available on some models
- Special shaped pulling eyes suit all brands of pullers



SD-L-GRIPL/W

Locking Option
AL-2TON-GRIP-L*



AL-10TON-GRIP



ABC-GRIP



Grip Selection Chart - Nagaki (NGK)

Part No.	Min - Max Dia. (mm)	WLL (kN)	Jaw Length (mm)	Jaw Type	Wt (kg)	Safety Latch	Suitable for Wire/Cable	Eye Width (mm)	Notes
MINI-GRIP	1 - 10	5	NA	Serrated	0.3	No	Steel Rod, Barbed & Catenary Wire	16	Curved Jaw
SD-L-GRIP/L/W	2.6 - 15	10	34	Serrated	0.6	Yes	Steel Rod/Wire, Bare Cu & Catenary Wire	26	Large Eye
MESSEN-L-GRIP-L	4 - 12	10	50	Serrated	0.7	Yes	Steel Wire, Bare Cu, AL Clad Steel & Catenary Wire	26	Double Lock Nut
SS-GRIP	5 - 12	10	160	Slight Serrations	1.6	Yes	Telephone Cable	26	-
1TON-L-GRIP	4 - 22	10	60	Serrated	1.4	Yes	Bare Cu, Covered Conductor & Catenary Wire	32	Large Eye
2TON-L-GRIP	4 - 22	20	60	Serrated	1.4	Yes		32	Large Eye
MIDDLE-L-GRIP	5 - 25	20	110	Serrated	1.8	Yes		32	Large Eye
CCT-GRIP	5 - 25	20	110	Serrated	1.8	Yes	CCT Up to 180mm ² (11kV) Up to 80mm ² (22kV)	32	Large Eye
2TON-W-GRIP	5 - 16	20	100	Serrated	1.8	Yes	Stay Wire, Bare Cu, Wire Rope, Catenary Wire & Rail Contact Wire	32	Large Eye
3TON-GRIP	8 - 22	30	120	Serrated	3.1	Yes		34	-
4TON-GRIP	13 - 28	40	150	Serrated	5.0	Yes		50	-
6TON-GRIP	13 - 28	60	150	Serrated	5.2	Yes		25	-
10TON-GRIP	18 - 32	100	180	Serrated	10.0	Yes		60	-
AL-L-GRIP	5 - 22	10	60	Smooth	1.1	Yes	ACSR & Bare AL	32	Fine smooth jaw, less chance of conductor damage
AL-2TON-GRIP-L	5 - 20	20	100	Smooth	1.7	Yes		32	
AL-MIDDLE-GRIP*	5 - 25	20	110	Smooth	1.8	Yes		32	
AL-MIDDLE-GRIP-L	5 - 25	20	110	Smooth	2.9	Yes		32	
AL-LARGE-GRIP*	16 - 32	20	110	Smooth	2.0	Yes		32	
AL-3TON-GRIP	8 - 22	30	120	Smooth	3.0	Yes		34	
AL-4TON-GRIP	20 - 35	40	140	Smooth	3.7	Yes		34	
HOT-M-GRIP	5 - 25	20	110	Smooth	2.0	Yes		ACSR, Bare AL & Bare Cu	
HOT-L-GRIP	16 - 32	20	110	Smooth	2.0	Yes	32		
AL-10TON-GRIP	32-46	100	300	Smooth	14	Yes	Bare Al & ACSR	63	Smooth jaw
TROLLEY-GRIP1L-S	5 - 16	20	100	Serrated	1.5	Yes	Rail Contact Wire, Bare Cu, Catenary Wire & Wire Rope	32	Large Eye
TROLLEY-GRIP-2-L	8 - 20	20	150	Serrated	2.8	Yes		25	Large Eye
TROLLEY-GRIP-4-L	13 - 28	40	150	Serrated	5.2	Yes		32	Large Eye
ABC-GRIP-S	2x16 & 4x35mm ²	6.0	130	Serrated	1.8	Yes	ABC - 2 x 16mm ² to 4 x 35mm ²	32	Large Eye
ABC-GRIP	4x35 & 4x95mm ²	8.5	190	Serrated	3.3	Yes	ABC - 4 x 35mm ² to 4 x 95mm ²	35	Large Eye
ABC-GRIP-L	4x95 & 4x150mm ²	20	190	Serrated	3.3	Yes	ABC - 4 x 95mm ² to 4 x 150mm ²	35	Large Eye

"L" Suffix denotes Locking

* Add "TB" Suffix for Bent Eye Option

Serrated Jaw



Smooth Jaw



Locked open in Notch



ABC Jaw





Grips - Klein

Part No. Various

KLEIN TOOLS

- Klein wire grips are suitable for pulling various conductors and cables
- All Klein Grips are manufactured from drop-forged steel that is machined and heat treated for excellent durability



Haven's
1625-20

Chicago
S1613-40H



Part No.	Min - Max Ø (mm)	WLL (kg)	Jaw Type	Jaw Length (mm)	Suitable for	Wt (kg)
S1613-40H	3 - 9.4	2041		106	Aircraft Cable, EHS, Messenger and Guy Strand. With hot latch and spring	1.4
1604-20L	3.2 - 12.7	2268		-	Messenger and Guy Strand (Knurled Jaw may damage cable)	1.0
1684-5F	4 - 14	3629		127	Aircraft Cable, EHS, Messenger and Guy Strand	2.9
1685-20	4 - 22	2041		64	Bare AL, Cu, ACSR	1.3
1625-20	7.1 - 19	3636		-	Wire Rope - where damage is not an issue	1.8
1656-40	13.5 - 18.8	3629		140	Ideal for Bare AL and ACSR	3.8
1685-31	16 - 32	3409		114	Bare AL, Cu, ACSR	2.3

Grips and Liners - Riganti

Part No. Various

RIGANTI

Made in Switzerland by
Powercom



Riganti's self-gripping comealongs are available for aluminium, ACSR, steel earth-wire, anti-twisting rope, copper and OPGW conductors.

Made of high tensile alloy steel, hot forged, heat-treated, precision machined and zinc-plated with a complete range of interchangeable liners. This means working at lower costs on conductors of different materials and diameters only by changing the liners.

The liners are available in aluminium for aluminium or aluminium/steel conductors and bronze for copper conductors, steel anti-twisting rope and steel earth-wire.

For OPGW conductor the lower liner is made of Adiprene, whereas the upper liner is made of aluminium.

All Riganti self-gripping clamps comply with European safety standard CE. Special clamps with exact diameters available on request with or without liners.

Refer Transmission Section for further information on Grips and Liners

Part No.	Working Load Limit (kN)	Min Breaking Load (kN)	Liners	Al, ACSR & Cu (mm)		Steel, Earth-wire (mm)		Anti-twist Steel Rope (mm)		Wt (kg)
				Min	Max	Min	Max	Min	Max	
IR-3109	19.6	49	✗	2.5	15	2.5	15	2.5	15	1.5
IR-3111 *	21.2	64	✓	7	16	7	13	7	13	2.5
IR-3108 *	39.5	110	✓	Lifting suspension conductors 7 - 38mm						5.5
IR-3106	50	125	✗	7.5	18	7.5	18	7.5	13	7
IR-3107 *	49	180	✓	6	23	6	16	6	16	7
IR-3112 *	49	180	✓	OPGW 6 - 23mm						7
IR-3105-S *	88	275	✓	8	35.2	8	22	8	24	13.5
IR-3104-S *	117	310	✓	10	45	10	34	8	28	17

* Exact size required for manufacture of liners



Hoists

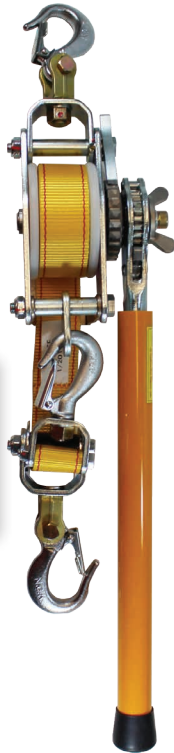
Web Strap Ratchet Hoists - Nagaki NGK

Part No. Various

NGK web strap hoists feature insulated super-strength 32mm wide web straps, insulated Fibreglass handles and a special handle neck that will bend if the unit is overloaded to prevent damage to the puller and injury to the operator.

- Convertible series with 3 hooks
- Lightweight
- Insulated handles rotate 360°
- Controlled smoother release of load
- Made in Japan from Japanese components - BEWARE OF IMITATIONS!

Favoured by line crews for its compact size and weight



Part No.	WLL (T)	Min Pull (mm)	Max Pull (mm)	Handle Length (mm)	Wt (kg)
N-1000P	1.0	440	1940	400	3.3
N-1500P	1.5	470	1970	460	4.6
N-1500P-EX	0.75 Single 1.5 Double	500	2000 Double 3500 Single	460	5.0
N-1500P-EX-L	Pulling: 0.75 Single 1.5 Double Lifting: 200kg Single 400kg Double	500	2000 Double 3500 Single	460	5.0

Rated for lifting. Requires annual inspection/service.

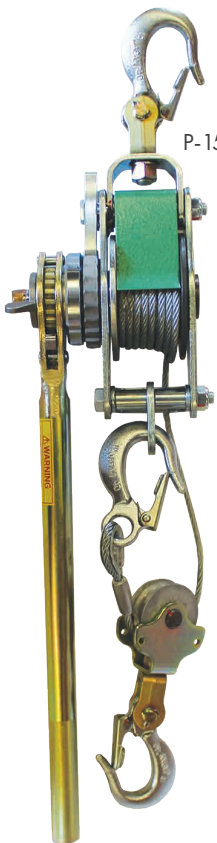
Wire Rope Hoists - Nagaki NGK

Part No. Various

- Steel handle rotates 360°
- Made in Japan from Japanese components
- Convertible and Standard Configuration available



P-1500-EX



Part No.	WLL (T)	Min Pull (mm)	Max Pull (mm)	Handle Length (mm)	Wt (kg)
P-1500-C (Convertible)	0.75 Single 1.5 Double	460	1870 Double 3280 Single	430	4.1
P-1500-EX	0.75 Single 1.5 Double	500	3500 Double 6500 Single	430	5.0

NAGAKI

NAGAKI NGK QUALITY



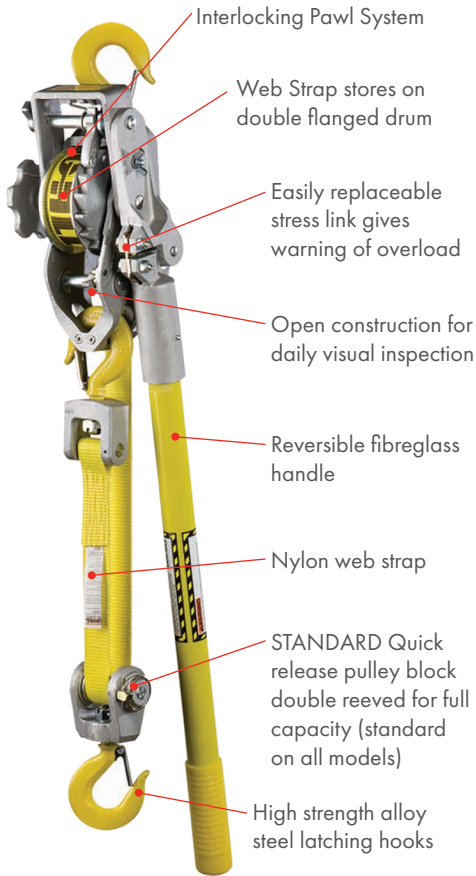
Nagaki utilise Japanese Technology to protect the quality stipulated by their company standards

Constant research and development to meet the demands and expectations of the professionals that operate their products everyday.





LUG-ALL® THE ORIGINAL & THE BEST



Web Strap Hoists - Lug-All

Part No. Various

- Positive Load Holding in all Environments – Interlocking pawl mechanism, no load brakes to slip or foul
- Ease of Operation – Self lubricating bearings throughout housing and on pulley assures smooth operation
- Stress Link – Signals operator by breaking replaceable link before overloading hoist
- Double Flanged Drum – Prevents web strap from coming in contact with ratchet teeth
- Open Frame Construction – Ease of cleaning, greasing and visual inspection
- All Lug-All's meet the current (2014) ANSI/ASME B30.21 -2014 standard for "manually operated lever hoists"

**4.7m
single pull
distance**



Contact TEN
for replaceable
Stress Link



35-A-1300-ANZ
Medium Frame
Lightweight

Lug-All Standard & Lightweight Models

Part No.	Frame Size	Feature	Single Line		Double Line		Handle Length (mm)	Net Wt (kg)
			Capacity (kg)	Max (m)	Capacity (kg)	Max (m)		
Standard Models								
2-A-1300-ANZ	Small	Standard	450	2.9	900	1.3	420	4.6
25-A-1300-ANZ	Small	Lightweight	680	2.1	1360	1.1	330	4.5
3-A-1300-ANZ	Medium	Standard	680	3.4	1360	1.03	510	6.3
35-A-1300-ANZ	Medium	Lightweight	680	4.7	1360	2.2	760	5.8
40-A-ANZ	Medium	Lightweight	900	2.8	1814	1.2	910	6.0
Lightweight Models								
500-A-FH-ANZ	Small	Lightweight	226	5.0	-	-	508	3.3
1000-A-ANZ	Small	Lightweight	450	2.9	-	-	445	3.1
1500-A-ANZ	Small	Lightweight	680	2.3	-	-	508	3.2





LUG-ALL®

Wire Rope Hoists - Lug-All

Part No. Various

LUG-ALL® Cable Hoists have been the most popular product for the last 6 decades as the leading tool for industrial uses.

Ideal for hundreds of tasks, including lifting, lowering, pulling, tensioning, stretching and bending, Construction & Renovation, Road & Bridge Construction & Repair, Structural Steel Erection, Welding Alignment, Pump & Motor Installation & Overhaul, Rigging, HVAC, Conveyor Repairs, Fence Tensioning, Tree Service, and Landscaping.

LUG-ALL Cable Hoists can be used virtually anywhere a completely dependable, durable, industrial strength come-along/hoist is needed.

Easy-to-handle when wearing gloves: super flexible, 133-strand aircraft cable and fast-connecting, 360° swiveling hooks with safety latches for quick, positive, loading and unloading.



2250-20-ANZ
Small Frame

- Lug-All wire rope hoists for lifting or pulling applications
- Reversible handle designed to bend on overload
- Use the entire cable length! The exclusive LUG-ALL swaged, ball-shank anchor locks the cables end into the drum
- Self lubricating bearings
- Quick release will not function when the cable is under load
- Non-slip interlocking pawl system
- Open Design – Easily inspected
- Marine-grade models available
- Aluminium alloy frame and drop forged steel hooks

Part No.	Frame Size	Single Line		Double line		Net Wt (kg)
		Capacity (kg)	Lift /Pull Distance (m)	Capacity (kg)	Lift /Pull Distance (m)	
Standard Model						
2250-20-ANZ	Small	500	6.0	1000	3.0	4.2
3000-30-ANZ	Medium	680	9.0	1360	4.5	6.3
4000-20-ANZ	Medium	900	6.0	1800	3.0	7.0
6000-15-ANZ	Large	1360	4.5	2720	2.2	15.4

2250-20-ANZ
Small Frame



3000-30-ANZ
Medium Frame



4000-20-ANZ
Medium Frame



6000-15-ANZ
Large Frame





500kg
Unit shown

Cable Hoist 500 to 3200kg - Yaletac ST

Part No. Various

The portable Yaletac ST cable puller is a versatile tool for pulling, lifting, lowering, tensioning and securing loads over long distances.

- Rope diameters from 6 to 16mm
- Various wire rope lengths available



Contact TEN for further information

USA MANUFACTURED QUALITY

NAGAKI



RICKY-2

Chain Hoists 0.75 and 1.5T - Nagaki (NGK)

Part No. RICKY-2 & RICKY-3

- Lightweight aluminium housing with 5mm OD alloy chain link & forged hooks
- 1.5m pull
- 360° rotating handle of 230mm length
- Safety hook attachment
- All models manufactured under ISO9001 and ISO 14001 standards

Suitable for
Pulling/
Tensioning

Part No.	Style	WLL (T)	Chain length (m)	Min Pull (mm)	Max Pull (mm)	Handle Length (mm)	Wt (kg)
RICKY-2	Safety Hook	0.75	1.5	300	1800	230	4
RICKY-3	Safety Hook	1.5		350	1850	230	5

Chain Hoists 3, 4 and 6T - Nagaki (NGK)

Part No. Various

- Lightweight aluminium housing with 5mm OD alloy chain link & forged hooks
- 360° rotating handle of 430mm length
- Safety hook attachment
- Special length chains available on request
- Model2000C with Torque Handle

Suitable for
Pulling/
Tensioning



MODEL3000

Part No.	Style	WLL (T)	Chain length (m)	Min Pull (mm)	Max Pull (mm)	Handle Length (mm)	Wt (kg)
MODEL2000C-1.5	Safety Hook	2	1.5	480	2000	430	6.6
MODEL3000-1.5	Safety Hook	3		480	2000	430	8
MODEL4000H-1.5	Safety Hook	4		580	2180	430	12
MODEL6000-1.5	Clevis	6		650	2250	430	19

Other chain lengths available - Contact TEN for further information

Model 4000 lightweight & ideal for
Transmission tensioning

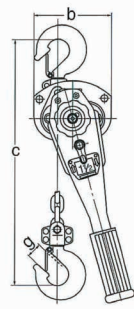
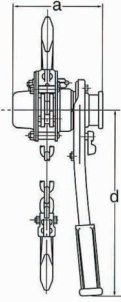


Chain Hoists - Vital

Part No. Various



- Manufactured in Japan using high quality steel
- All Vital models are manufactured to comply with AS1418.2
- Unique design of bottom hook prevents slipping and ensures safe operation
- Easy two-step operation to prevent accidental free-wheeling
- Hardened alloy steel load chain with embossed identification, marked as to the relevant standards
- Standard lift height 1.5, 3.0 & 6.0m
- Load Chain Exceeds Australian Standards with 5:1 Safety Factor
- The Vital VLB series are suitable for all pulling & lifting applications



Part No.	Rated Capacity (T)	Pull to Lift Load (kg)	Dimensions (mm)					No. Chain Falls	Wt (kg)
			A	B	D	G	C		
VLB115L	1.6	18	163	148	370	34	355	1	9.7
VLB130L	3.2	38	191	181	370	43	405	1	16.3
VLB160L	6.3	39	191	244	370	47	550	2	26.7



Chain Hoists - KITO

Part No. Various



- Advanced high-frequency heat treating process ensure uniform hardness on all key load bearing part
- Unique patented 'Free Wheeling Hub' mechanism.
- Smaller, lighter, high grade, alloy steel frame construction.
- All KITO models are manufactured to comply with AS1418.2
- Double brake pads with four braking surfaces.
- Low headroom design
- Double Pawl & Double Spring Assemblies
- KITO manufactured Nickel plated Grade 100 load chain
- Needle and Ball roller bearings allow maximum mechanical efficiency with minimum effort.
- Available with load signal as overload indication
- Also available with overload limiter which prevents hoist overload and protects the operator
- Optional hook for special tip-loading applications
- The KITO series are suitable for all pulling & lifting applications

Part No.	WLL (T)	Chain length (m)	Max Pull (mm)	Handle Length (mm)	Wt (kg)
44202	0.8	1.5	1800	245	5.7
44204	1.6		1850	265	8.0
44206	3.2		2000	415	15.0
45890	0.8	3.0	2180	245	6.8
45891	1.6		2250	264	9.7
45892	3.2		2250	415	18.5

6.3T & 9T Capacities available in both 1.5m & 3.0m Chain Lengths Contact TEN for further information



Dynamometers

Mechanical Dynamometers - Nagaki (NGK)

Part No. Various

NGK Dynamometers are lightweight, compact and plated to resist corrosion. All models feature a large face dial for easy reading of measurements.

NAGAKI

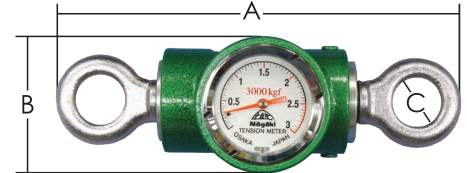


A-30 Model

**Trust only the Original
Established in 1946**



- Made in Japan from Japanese components
- Precise measurement of tension and loads
- Kilogram/force (kN) dial display
- Accuracy $\pm 3\%$
- Plated to resist corrosion
- Leather Storage case included
- Supplied with In-Service Date sticker



**All models now
with large 28mm eye**

Part No	Capacity	Graduation (Gauge Increments)	Dimensions (mm)			Wt (kg)
			A	B	C	
A-10	10kN/1T	200N/20kg	215	65	28	1.2
A-20	20kN/2T	500N/50kg	230	65	28	1.6
A-30	30kN/3T	500N/50kg	250	80	28	2.2
A-50	50kN/5T	1kN/100kg	260	95	28	3.3

DILLON

Mechanical Dynamometers - Dillon

Part No. Various

It is used for such diverse jobs as suspended weighing, mounting cables for bridges, adjusting tension on guy wires, tensioning conductor.



- Accuracy $\pm 0.5\%$ of full range
- Max hold feature
- Accurate readings from varying sight lines with fog and scratch resistant dial
- All units include calibration certificate and manual
- Corrosion resistant
- Option of 125mm or 250mm dial size
- Supplied with rugged ABS plastic carry case
- Supplied with In-Service Date sticker

Official certificate of calibration, dated and signed, accompanies each new Dillon Model AP dynamometer. This is your guarantee that every unit is within the stated accuracy tolerances before it leaves the factory.



**Optional Extra
Klaxon signal alarm
- mounted on back of
meter, can sound at
preset load point**



Part No.	Capacity (T)	Kg Division	Ultimate Safety Factor
30006-0134	0.5	5	5:1
30006-0159	1.0	10	5:1
30006-0126	2.0	20	5:1
30006-0167	4.0	25	5:1



DILLON



Digital Dynamometers - EDJunior - Dillon

Part No. Various

- Accuracy 0.2% of capacity
- Easy to read wide angle 26mm Back-lit LCD with max hold feature
- Soft key interface with programmable functions
- Rounded edges prevent binding or snagging
- Manufactured from aircraft grade aluminium alloy
- Calibration certificate, manual and batteries included
- Corrosion resistant and supplied with carry case
- 7:1 factor of safety at all capacities
- IP Rating IP55
- Supplied with In-Service Date sticker

**EDX & EDJ IP55
designed for weather
& water resistance**

DILLON

Part No.	Capacity (T) (0.2% Accuracy)	Increments (kgf)	Dimensions (LxWxDmm)	Wt (kg) with Shackles
EDJR-1T	1	1	312 x 127 x 52	1.8
EDJR-2T	2	2	269 x 127 x 75	3.9
EDJR-5T	5	5	289 x 135 x 102	6.5

Other sizes available. Contact TEN for further information

Digital Dynamometers - EDXtreme - Dillon

Part No. EDXtreme



- Accuracy 0.1% of capacity
- Sturdy aircraft-quality aluminum, corrosion resistant and supplied with carry case
- High-resolution dot-matrix back-lit LCD display offers large 26mm numbers
- Soft-key interface allows easy and intuitive operation and configuration
- Injection molded, thick Lexan panels offer superior impact protection
- All units include calibration certificate, manual and batteries
- Radio or Hardwire Communication (RS-232 or RS-485)
- Models include Remote Configuration, Data Acquisition and Single Point Monitoring of Multiple Units. This is possible with hardwired or radio communications & optional remote Communicator II
- Supplied with In-Service Date sticker

Part No.	Capacity (T) (0.1% Accuracy)	Increments (kgf)	Dimensions LxW (mm)	Wt (kg) with Shackles
EDX-1T*	1	1	269 x 127	3.9
EDX-2T*	2	2	269 x 127	3.9
EDX-5T*	5	5	289 x 135	6.0
EDX-10T*	10	10	291 x 133	17.0
Communicator II - (Includes case & batteries)			241 x 127	2.0

* EDX-Models are supplied Radio Ready and include Rated Shackles



Communicator II



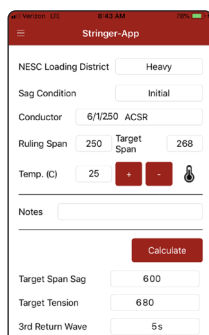
ABS plastic carry case

Stringer APP for EDXtreme and Quickcheck Tension meter



DILLON EDX and QUICKCHECK paired with the "STRINGER APP" gives Line-workers and Riggers the target tensions to build Utility Power-lines and tension Communication Towers to design specifications

Contact TEN for further information



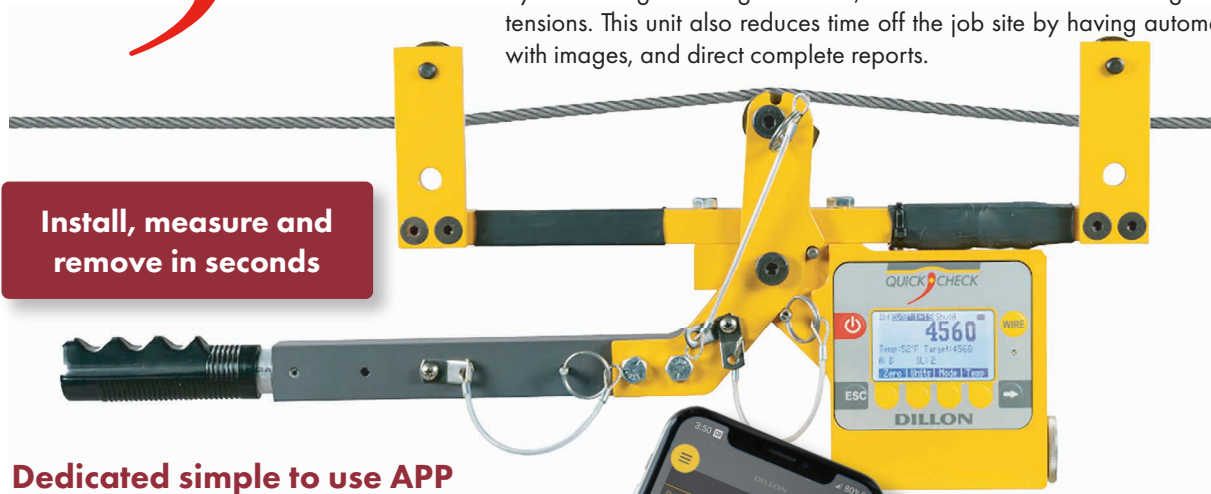


DILLON QUICK CHECK

Tension Meter - Dillon

Quick-Check "T" Tension Meter - Dillon

The Dillon Quick Check-T Tension Meter makes a difference. It quickly measures tension in cable tower guy wires, overhead lines and road barrier cables. It reduces time on the job site by not having to change sheaves, and the need to thumb through charts to figure out target tensions. This unit also reduces time off the job site by having automatic site form completion, with images, and direct complete reports.

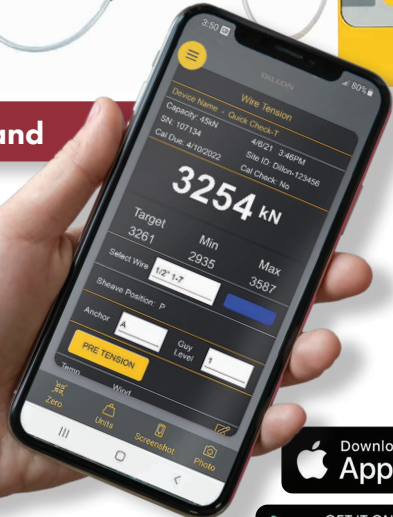
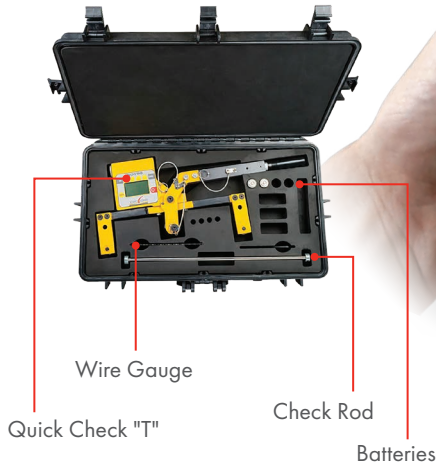


Install, measure and remove in seconds



Dedicated simple to use APP
All the data in the palm of your hand

Heavy Duty Carry Case



WHY Dillon Quick Check "T"? What's the Difference?

- Bluetooth® enabled
- Custom mobile app
- Multi-wire single sheave
- Calibration check rod
- Automatic report generation with photos
- Automatic target tension calculations
- Ability to capture pre and post tension readings
- Inbuilt image capture



Quick Check "T" shown testing tower guy with phone APP



Quick Check "T" shown with Test Bar and phone APP

Part No.	AWT05-100370	QC-T
No. of Callibrations	16 Tower guy + Test Rod	1 x Test Rod
Callibrations (")	(1X7) 3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8 (1X19) 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 1	1 only, for test rod. Specify wire sizes
Tension capacities (kN/kg)	45 /4500	
Wire sizes mm (")	4.75 to 25.4 (3/16 to 1)	
Accuracy	+ 3% instrument capacity (calibrated to specific wire size and type)	
Communication	Bluetooth®	
Display	Dot-graphic LCD display supports full text and 25mm high digits	
Data Export	Via mobile app	
Sheave range	One Sheave, two positions	
Wire calibrations	Up to 20	
Environment protection	Suitable for continued outdoor use	
Operating range °C	-20 to 70	
Tension units of measure	Pound-force, Kilogram force, Newtons	
Resolution	Configurable low/med/high (5000 resolutions)	
Size (mm)	220 x 610 x 90	
Weight (kg)	5	
Recalibration	Every 12 months. More frequently with heavy use	



**Non-conductive
Aramid Fibre**



**Recommended
for stringing ABC**

Socks and Grips, Cable

NS Non-Metallic Aramid Socks - Slingco

Part No. Various

Non-metallic cable socks are made of plastic coated Aramid fibres that are light weight, yet much stronger than steel wires. Aramid are a class of heat-resistant and strong synthetic fibres used in aerospace and military applications. These grips are traditionally used in overhead ABC applications or when pulling fibre optic cable.

- Non conductive
- Much lighter yet stronger than steel grips
- Easier to apply and remove
- No frayed wires
- UV Resistant
- Strong enough to last in salt water

Part No.	Cable Range (mm)	UTS (kN)	Mesh Length (mm)	OAL (mm)
ZCS1040	10-20	11.16	552	725
ZCS1022	20-30	15.89	600	696
ZCS1023	30-40	43.84	642	840
ZCS1024	40-50	52.86	523	775
ZCS1179	50-65	70.71	636	817
ZCS1180	65-76	70.71	908	1086
ZCS1181	76-101	70.71	1029	1239

Determining Working Load Limit is dependent on your application and company/client safety factors

Non-Conductive Nylon Socks - NCG

Part No. Various

- Double or Triple ply
- Soft Eye
- LV models for LV ABC - Single Eye with Alloy Ferrule
- HV models for HV ABC - Double Eye with Alloy Ferrule



Scan or Click to View or
Download Grip Inspection
Selection & Application

Part No.	Suits	Grip Length (mm)	UTS (kN)	Working Load Limit (kN)
LV225	2x25mm ² LV	600	15	5
LV235	2x35mm ² LV	600	15	5
LV250	2x50mm ² LV	600	15	5
LV295	2x95mm ² LV	600	15	5
LV335	3x35mm ² LV	600	15	5
LV395	3x95mm ² LV	600	25	8.3
LV425	4x25mm ² LV	600	15	5
LV435	4x35mm ² LV	600	15	5
LV450	4x50mm ² LV	600	15	5
LV470	4x70mm ² LV	600	17	5.6
LV495	4x95mm ² LV	800	25	8.3
LV4150	4x150mm ² LV	800	25	8.3
HV335	3x35mm ² HV	800	25	8.3
HV350	3x50mm ² HV	800	25	8.3
HV370	3x70mm ² HV	800	25	8.3
HV395	3x95mm ² HV	900	31	10.3
HV3120	3x120mm ² HV	900	31	10.3
HV3150	3x150mm ² HV	900	31	10.3
HV3185	3x185mm ² HV	900	31	10.3



slingco



Scan or Click to View or Download Grip Inspection Selection & Application

Dimensions: The figures shown are indicative only. Fully dimensioned data-sheets are available upon request. Nominal figures/actuals are as per data-sheet with tolerances of +/-5%.

Cable Pulling Grips - Slingco

Part No. ZCS-Range

For the installation of overhead conductors and cable in conduits, ducts and trenches. The MU Type grip's triple-weave construction is ideal for heavy loads.

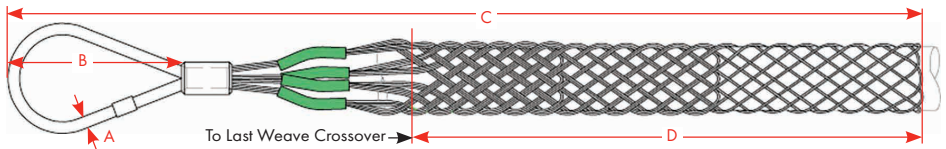
- Hand-Woven with quality Galvanised Steel
- Perfect for stringing overhead transmission and distribution lines and heavy load pulls of any kind and ideal for new or old conductors
- The flexible eye connects with line pulling swivels for trouble free pulling applications

Key Features

- Heavy duty multi-weave construction
- High strength grip used for heavy duty pulling
- Suitable for bare steel, AL, CU & covered conductor
- Colour coded for easy identification

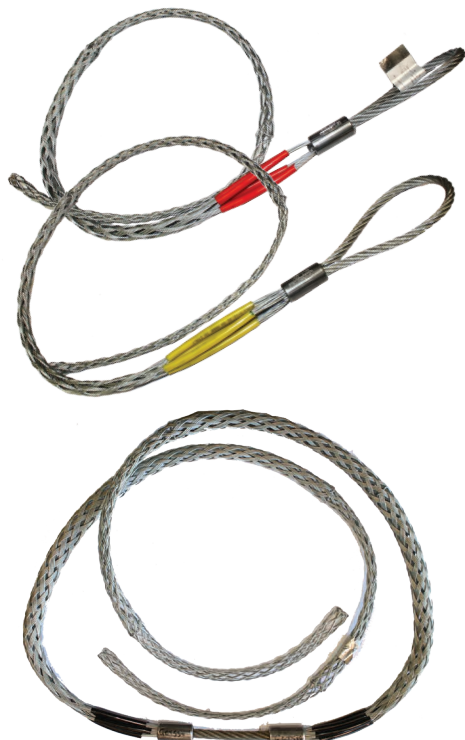
IDEAL FOR STEEL CONDUCTOR

*Type tested on 3/4/2.5 ACSR and 3/2.75 SC/AC & SC/GZ as per AS1154.3-2009 Section 2.3.3 (Mechanical Strength Type Tests)



Part No. Colour Code	Conductor Range (mm)	A (mm)	B (mm)	C (mm)	D (mm)	Breaking Load (T)
ZCS1710	6-12	7	102	965	720	3.17
ZCS1711	12-19	8	127	1263	978	4.76
ZCS1712	19-25	9	156	1537	1162	6.39
ZCS1713	25-32	13	165	1909	1470	11.34
ZCS1714	32-38	13	165	1725	1291	14.06

Important Note: Ensure fitting instructions are followed and always apply the recommended Steel Band for maximum grip of the conductor SCAN or CLICK the QR Code above for fitting instruction. Refer Hand Tool Section for Banding Tools & Accessories.



Heavy Duty Large Eye Cable Socks - Tesmec

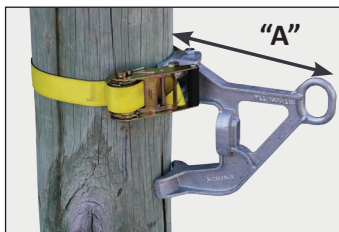
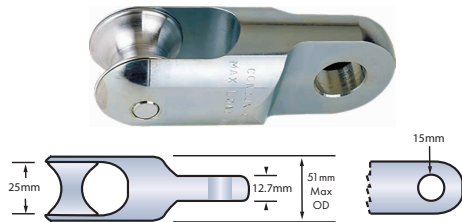
Part No. Various

- Ideal for underground and overhead work
- Suitable for Transmission & Distribution AL, CU & ST
- Colour coded plastic bands at ferrule to identify range and capacity
- Steel wires with protective finish and alloy ferrule
- Long mesh length provides additional gripping surface area

Part No.	Suitable Swivel	Conductor OD Ø (mm)	Colour	UTS (kN)	Mesh Length (mm)	Wt (kg)
GCT001	GGT001	8 - 17	Yellow	35	1100	0.7
GCT010	GGT010	17 - 29	Red	85	1360	1.3
GCT020	GGT020	29 - 38	Green	130	1470	2.1
GCT030	GGT020, GGT030	38 - 50	Black	180	1820	2.7

Double Head Socks - Tesmec

Part No.	Conductor OD Ø (mm)	Colour	UTS (kN)	OAL (mm)	Wt (kg)
GCT500	8 - 17	Yellow	35	2680	1.15
GCT510	17 - 29	Red	85	3240	2.3
GCT520	29 - 38	Green	130	3540	3.6
GCT530	38 - 50	Black	180	4240	4.8



Joins and Swivels

Standard Swivels - Tesmec



Part No. Various

- Swivels for connecting pulling rope to cable sock
- For Overhead or Underground application
- Made from high tensile galvanised and corrosion protected steel
- Chamfered edges allowing smooth passing through rollers or conduit
- Special design can bear high radial loads. Thrust bearings designed to avoid torsion strain accumulation

Part No.	Max Rope Size OD (mm)	Break Load (kN)	Diameter OD (mm)	Overall Length (mm)	Wt (kg)
GGT001	10	70	28	106	0.3
GGT010	13	110	40	143	0.9
GGT020	18	220	54	184	2.1
GGT030	24	360	60	234	3.4
GGT040	28	750	77	322	8.2

Rope to Swivel Connector - Condux



Part No. 08091230

- To connect swivels to rope up to 25mm OD
- Suits swivel GGT010 above
- Precision machined stainless steel construction with 44kN work load
- Ideal for utilising larger diameter ropes on smaller swivels where the WLL allows
- Contact TEN for further information on swivel/connector combinations

Fixed Joints - Tesmec

Part No. Various

- High tensile steel with galvanised finish, for joining steel draw wire

Part No.	Break Load (kN)	Rope Size (mm)	Wt (kg)
GFT001	70	10	0.1
GFT010	110	13	0.3
GFT020	160	16	0.5
GFT030	220	18	0.8
GFT040	360	24	1.0

Lifting Gin - Hastings

Part No. 5800-5-V1

- For lifting transformers and heavy objects
- Stamped with load rating (WLL)
- High strength aluminium alloy
- High strength web attachment strap

Part No.	5800-5-V1
WLL (kg)	860
Fits Over X-Arm (mm)	95 x 120
Dimensions (mm) "A"	270
Weight (kg)	4

Cross-Arm Slings

Part No. Various

- Load Rated Flat Webbing Sling
- Steel "D" Rings both ends

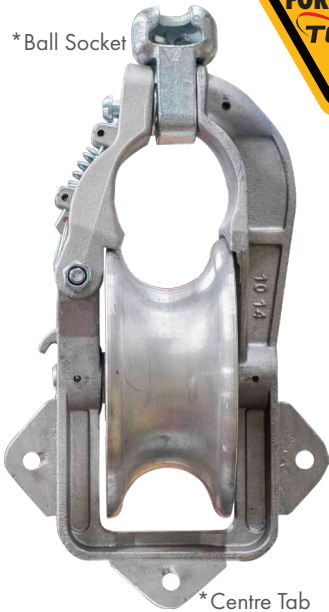
Part No.	Length (mm)	WLL /WLL in Choke (kg)	Wt (kg)
CAS1	1000	750/600	0.65
XAS-600	600	600/480	1.50



Contact TEN for information on the range of Round Slings & Shackles



*Ball Socket



*Centre Tab

Stringing Rollers and Attachment Brackets

Universal Stringing Roller - SPP

Part No. SPP-1A

- Suitable for distribution and ABC
- Aluminium sheave
- Lightweight high strength heat treated aluminium
- Versatile attachment fittings include side and bottom tags and top ball socket fitting
- Side gate latch can be locked open
- Sheave is profile machined permitting precise sagging of conductor
- High quality permanently lubricated high temperature precision bearings



Part No. SPP-1A-DI

- Same Specifications as SPP-1A
- Ductile Iron sheave (SPP-1A-DI)
- Ideal for Pulling Steel conductor (e.g. 3/12 Steel) or steel catenary



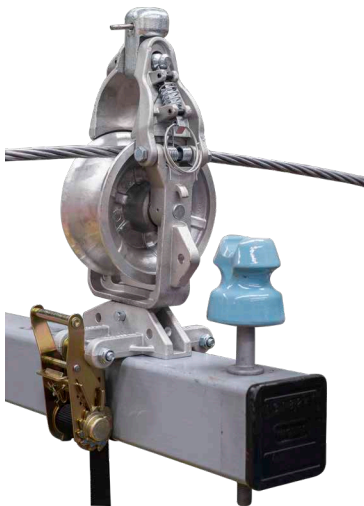
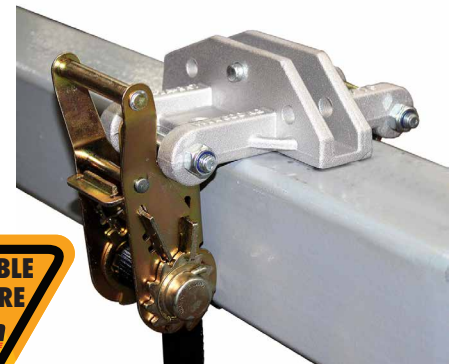
Part No.	Sheave Material	Maximum Conductor OD (mm)	WLL* (kg)	Weight (kg)	Bottom of Groove Diameter (mm)	Overall Height (mm)	Overall Width (mm)
SPP-1A	Aluminium	50	1130	4	110	370	205
SPP-1A-DI	Ductile Iron	50	1130	5	110	370	205

*WLL 1130kg when suspended from ball socket fitting or mounted on centre tab

Universal Roller Bracket - SPP

Part No. SPP-1A-BKT

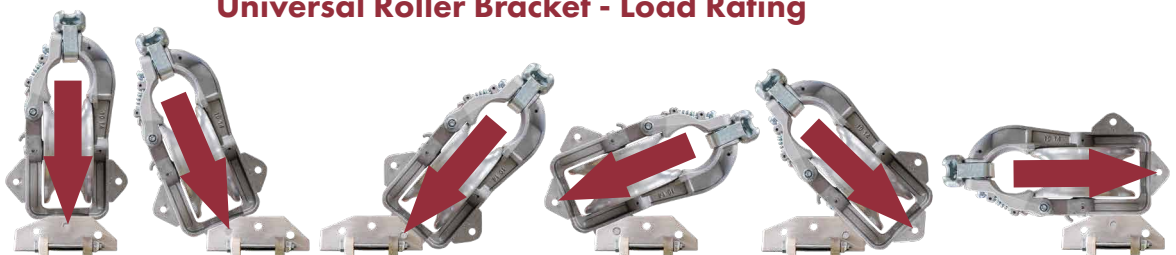
- Versatile mounting bracket for cross-arms and poles
- Frame made from Cast Aluminium
- Lightweight, easy to install
- Heavy Duty Strap and Zinc Plated Ratchet Assembly
- 3 Mounting holes for various configurations
- Ball pin to secure roller
- Suits SPP-1A & SPP-1A-DI Rollers



Part No.	Min Cross Arm (mm)	Poles OD (mm)	WLL (kg)	Wt (kg)
SPP-1A-BKT	100 x 100	200-470	Refer Load ratings below*	2.0

SPP-1A & SPP-1A-DI Rollers sold separately to SPP-1A-BKT Roller Bracket

Universal Roller Bracket - Load Rating



SPP-1A-BKT* (WLL - kg)	500	500	500	500	500	500
1A-2A* (WLL - kg)	1130	1130	1130	500	500	500
REL-SBCAB* (WLL - kg)	1130	1130	1130	500	500	500

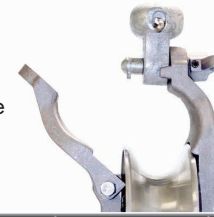


Shown mounted on REL-SBCAB Cross Arm Bracket

Universal Stringing Roller

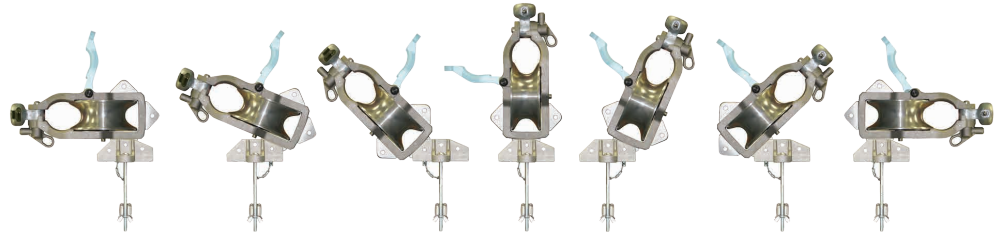
Part No. REL-SB7

- Sherman Reilly style with "Pull & Turn" release gate
- Suitable for distribution & ABC
- Sealed ball bearings



Pull & Turn Release Gate

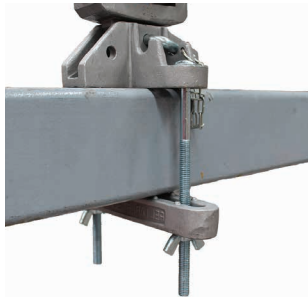
Part No.	Maximum OD Conductor (mm)	WLL (kg)	Wt (kg)	Bottom of Groove Diameter (mm)
REL-SB7	50	1130	4.1	110



Cross Arm bracket

Part No. REL-SBCAB

- Crossarm mount bracket to suit up to 125mm wide x 150mm deep Cross-arms
- Includes pin for securing universal roller
- NOTE: Refer Load ratings on adjacent page*



Ball Clevis Socket Fittings

Part No. Various



Part No.	SPP-1-UC	BEL-70	T12	SPP-1-YC
Description	Ball Clevis	Oval Eye Ball	Safety Hook	Y Ball Clevis
WLL (kN)	70	70	70	70
Weight (kg)	0.55	0.4	0.55	0.85



T12 Safety Hook

Tie Top Post Insulator Bracket

Part No. 1A-2A

- Manufactured from cast aluminium with urethane jaws
- Easy to operate reverse twist knobs
- Suits maximum insulator 123mm OD neck

Part No.	Max Insulator Throat (mm)	WLL** (kg)	Wt (kg)
1A-2A	123	Refer Load ratings on adjacent page*	2.6

** Refer Insulator minimum failure load when considering the WLL

Pin Insulator Roller - SPP

Part No. SPP-PIR Series

- Easily lower the conductor into the insulator after stringing
- Simply rotate 90° and loosen tension screw to "open" the rollers
- Prevents workers manually lifting conductor in to place
- Suits Conductors up to 50mm OD
- Moulded PVC inserts prevent damage to insulator

Part No.	Insulator** Throat (mm)	Horizontal Roller (mm)	WLL (kg)	Wt (kg)
SPP-PIR*	55-100	40 OD	250	6.1
SPP-PIR-080*	55-100	50 OD	250	6.5

*SPP-PIR Rollers are designed for use when stringing in a straight run on intermediate poles

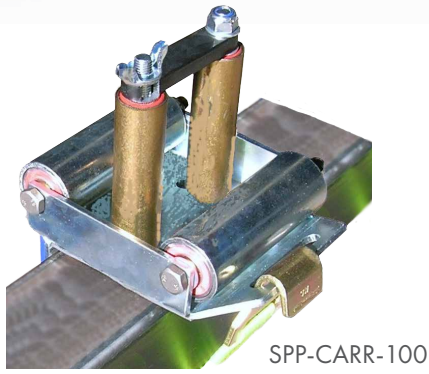
** Refer Insulator minimum failure load when considering the WLL



SPP-PIR

SPP-PIR-080 for Trunnion style Insulators





Cross-arm Roller - SPP

Part No. SPP-CARR-Series

In-line Cross-Arm roller

- Suitable for Wood, Steel & Composite cross-arm
- Ratchet strap attachment
- Rubber mounts will not damage composite material
- Zinc plated mild steel



Part No.	Description	Suits Cross Arm (mm)	Wt (kg)
SPP-CARR-080	1 Large Horizontal roller	Wood, Steel & Composite up to 150	4.0
SPP-CARR-100	2 x Vertical & 2 x Horizontal rollers	Wood, Steel & Composite up to 150	5.7



Part No. SPP-TCAR-Series

In-line Cross-Arm roller

- Suitable for Wood cross-arm

- "T" Screw handle
- Zinc plated mild steel

Part No.	Description	Suits Cross Arm (mm)	Wt (kg)
SPP-TCAR-100	2 x Vertical & 2 x Horizontal rollers with "T" Screw handle	Wooden up to 100	4.2
SPP-TCAR-150		Wooden up to 150	6.0

ABC Roller - SPP

Part No. SPP-AR50-60

ABC Hanging Roller

- WLL - 2000kg
- Side pin gate

- Safety hook latch
- Zinc plated mild steel

Part No.	Roller Material	Roller Diameter (mm)	Wt (kg)
SPP-AR50-60	Aluminium Roller	145	5.0

Part No. SPP-BCR50-60

ABC Hanging Roller

- Swing apart gate
- Zinc plated mild steel

Part No.	Roller Material	Roller Diameter (mm)	Wt (kg)
SPP-BCR50-60	Plastic Roller	170	1.7

Catenary Roller - SPP

Part No. SPP-CWR-010

Catenary Stringing Roller

- Nylon Roller
- Zinc plated mild steel

Part No.	Roller Material	Roller Diameter (mm)	Wt (kg)
SPP-CWR-010	Nylon Roller	40	0.2



Contact TEN for information on the range of Snatch & Multi Sheave Blocks



Snatch Blocks



Multi Sheave Tackle Blocks



Hand-Line and Rope Blocks

Hand Line Blocks

Part No. Various

- Hand rope blocks used for hauling and lifting
- Made of high strength aluminum alloy
- Side gate opening with detent pin
- High strength steel rotating swivel hook with safety latch
- Free running sheaves with shielded bearings

High Strength Steel



Part No.	Max Rope Ø (mm)	Sheave Size (mm)	Wt (kg)	WLL (kg)
SPP-HLB	14	75	1.4	560
AHB-4	22	100	2.8	1130



Side gate opening

Single Non-Conductive Hand-line Block

Part No. 3550

- Non-conductive hand-line rope block used for hauling or lifting
- Side gate opening with captive screw pin
- High strength forged steel swivel hook
- 75mm diameter free running sheave with shielded bearings

- Block and sheave constructed of rugged nylon Fibreglass reinforced high dielectric material
- Suits Rope >15.8mmOD
- 450kg WLL
- Weight 0.8kg

Contact TEN for available hand-lines



Hand-line Hook

Part No. 10060

- Used in hauling line assemblies
- Bronze alloy hook

- WLL - 272kg
- Weight - 227g

Service Line Tensioners

Part No. Various

- Used to tension ABC house services
- Made with high quality yachting components
- Sold with detailed tag including WLL



Part No.	Rope Diameter (mm)	Rope Length (m)	WLL (kg)	Pulley System	Wt (kg)
ID015458-ROPEKIT	8	5	100	3:1	2.2
ID017049-ROPEKIT	12	5	300	2:1	2.5

Pole Platform - Steel, Concrete & Wooden

Part No. Various

- For wood, concrete or steel poles
- Steel painted frame and support bar
- Locking chain and zinc plated hardware
- Wooden deck with anti-slip grooving and tread bars
- Suits poles 300mm - 600mm



Part No.	WLL (kg)	Deck Length (mm)	Wt (kg)
KL-2	200	700	8.1
KL-4	200	1100	12.1
KL-15	Chain assembly		3.1



Blocks - Multipurpose

Multipurpose snatch-block - OX Block™

Part No. 50061 (Swivel Eye) 50063 (Clevis)

The OX BLOCK™ is a rope snatch-block with an integrated friction bar used for:

- Raising and lowering Equipment (Hauling Line Block)
- Rescue
- Snubbing loads

It allows the rigging professional to handle loads with greater control. When lowering loads, tension is transferred from the worker to the OX BLOCK™.

- The patented OX BLOCK™ replaces standard hand-line blocks, parted blocks and various snatch blocks.
- Has a greater WLL than blocks of similar size.
- When configured with optional pulleys, the OX BLOCK™ can be used to create a 2:1 up to 6:1 mechanical advantage reducing the amount of force needed to lift heavy loads.
- The advantage of the pulleys used by Buckingham is the swivel side plate that allows for quick and easy rope installation without removing the pulley from the connecting device.
- ASME B30 Compliant

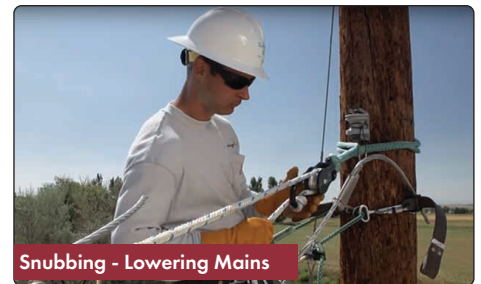
Replace many of the older style pulleys and tackle with the lighter Ox Block system, making rescue, lowering and raising and snubbing workloads easier

Part No.	Attachment	Material	Rope Dia. (mm)	Length (mm)	Width (mm)	Wt (kg)
50061	Swivel Eye	6061 Alloy	16 (max)	267	51	1
50063	Clevis					

Ox Block includes metric markings to comply with relevant Australian Standards



Raising or lowering equipment



Snubbing - Lowering Mains



Rescue

Our OX BLOCK Clevis Top hand-line assembly features a 1.2m x 19mm adjustable sling, hook and a 16mm hand-line at 24 or 30 metres



Ordering Information

Part No.	Hand-line Length (m)
50062K14-4-80	24
50062K14-4-100	30

For further Ox-Block options and information, contact TEN

Sheave to Clevis Top
Manufacturer Breaking Strength 4536kgs
Working Load Limit 1134kgs

Hook to Clevis
Manufacturer Breaking Strength 2720kgs
Working Load Limit 680kgs



Quick Release Buck Pin

50063 OX Block shown



Click or Scan above to see the OX BLOCK™ Video



OX Block™ Friction Assistance

For lowering loads with friction assistance, wrap the rope around the friction bar in the direction shown.

Two times through the gate (2 audible clicks) provides one full wrap.

Three times through the gate (3 audible clicks) provides two wraps.

On average, one wrap will reduce hauling line tension by a factor of 4:1. Two wraps will reduce hauling line tension by a factor of 10:1. For example, if lowering a 100kg load with the hauling line only over the sheave, the user would be holding the entire 100kg weight. If using 1 wrap, the ratio would be 4:1 and the user would be holding 25kg. Using 2 wraps (10:1 ratio), the user will be holding 10kgs.

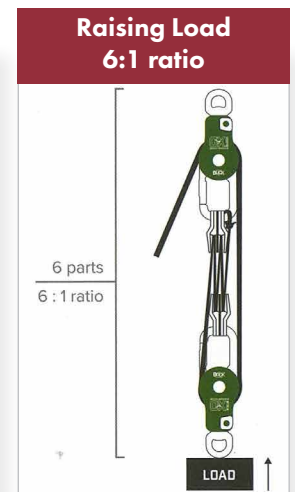
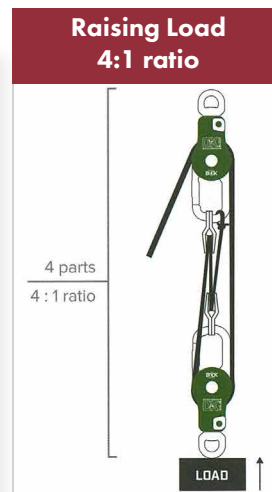
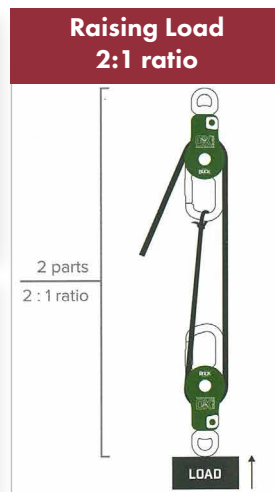
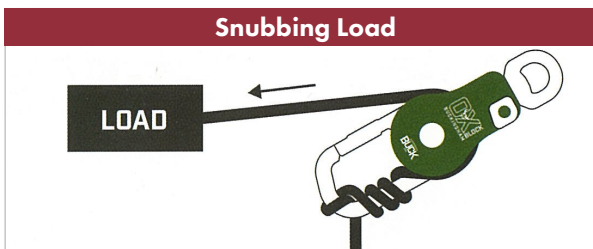
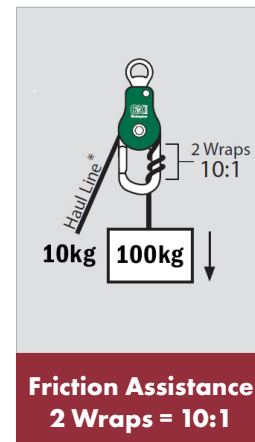
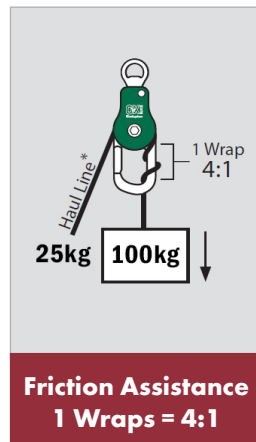
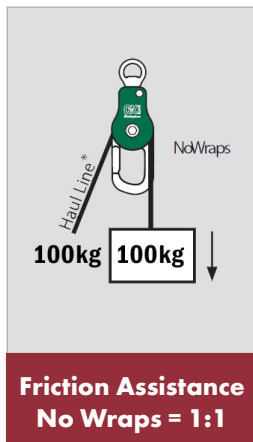
Heavy loads require additional rope wraps on the friction bar or additional mechanical advantage.

Friction assistance can be used to the users advantage with the Ox Block when:



- The load must be lowered under controlled conditions and/or needs to be periodically stopped during descent.
- The weight ground personnel must hold back needs to be minimised.
- The load can be transferred to the Ox Block without having to first lift the load, or the load can be safely lifted by one person and transferred to the Ox Block.
- Avoiding damage to trees, fences, vehicles is required.
- Ergonomic benefits are desired for personnel that regularly work with ropes, blocks and rigged loads.

Friction Assistance Factor





Ox Block Accessories

Ox Hook gate and mechanism operation



Depress the lock mechanism



Depress the gate (keeper)



Release the lock mechanism



Release the gate (keeper)

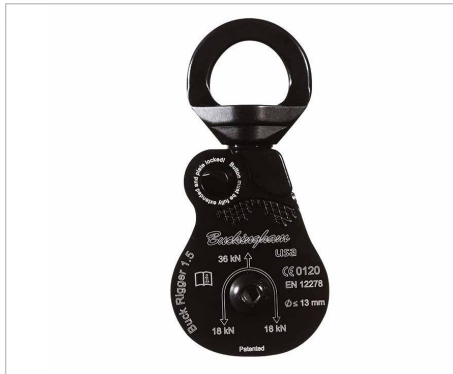


The gate (keeper) is locked in the open position

Single and Double Sheaves



Ox Block accessories are designed to compliment the Ox Block and provide greater control in raising and lowering equipment in an efficient and safe process



Single sheave pulley with a swivel side plate and swivel eye. 12mm rope capacity.



Double sheave pulley swivel side plates and swivel eye. 12mm rope capacity.

Part No	Description	WLL (kg)
KIT48	Sliding Pulley	816kg

Part No	WLL (kg)
5007R1	816kg

Part No	WLL (kg)
5007R2	816kg

Heavy Duty Single Sheaves



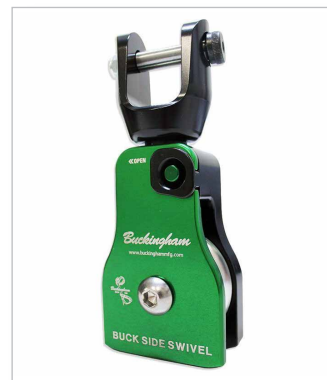
Heavy Duty single sheave aluminium pulley with side swivel plate and eye.

Part No	WLL (kg)
50071B1	1134kg



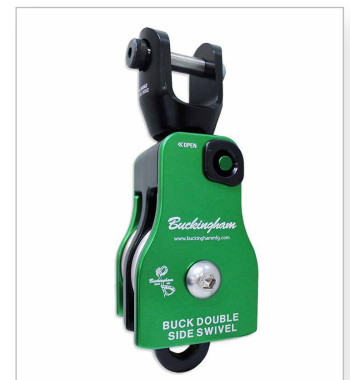
Heavy Duty double sheave aluminium pulley. 16mm (max) rope capacity

Part No	WLL (kg)
50071B2	1134kg



Heavy duty single sheave pulley with clevis top for additional attachment options

Part No	WLL (kg)
50072B1	1134kg



Heavy duty double sheave pulley with a swivel side plate and swivel clevis.

Part No	WLL (kg)
50072B2	1134kg



Pole Handling

Pole Stands - Flat Stack - TEN

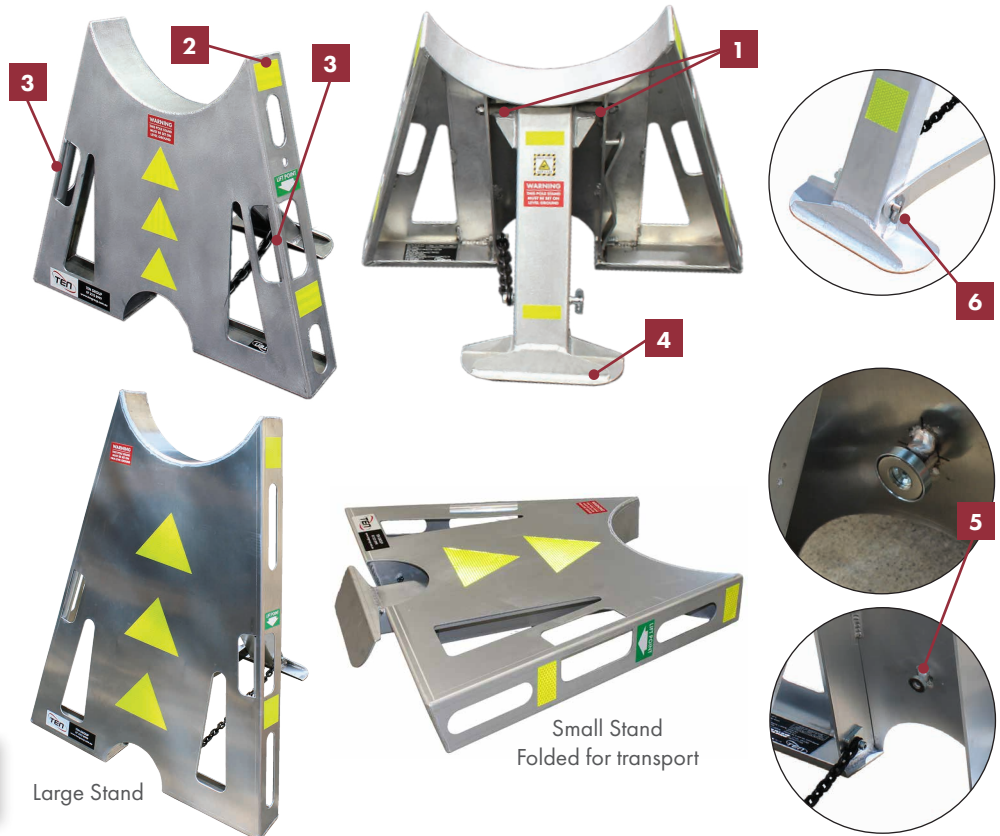
Part No. Various

- Foldable for easy storage
- Brushed aluminium
- All stands come with load rating tags and serial numbers
- Reflective tape for improved visibility
- Position locking arm - improved stability
- Safer with reduced pinch points



Part No.	PS-AF-4T-S	PS-AF-4T-L
WLL (kg)	4000	4000
Dimensions (mm)	500 (H) x 100 (D)	850 (H) x 100 (D)
Finish	Aluminium	Aluminium
Weight (kg)	10.4	16.2

- 1 Reduction of potential pinch points through design
- 2 Day and night reflective tape for improved customer safety on public sites
- 3 Balanced and ergonomic built in handles for gloved hands
- 4 Large rear foot for stability and load spread
- 5 Magnetic latch for leg stowage. Prevents inadvertent swinging out of leg while maneuvering on site
- 6 Lock leg with positive locking mechanism



Large Stand

Small Stand
Folded for transport

Easy storage and portability



Pole Stands - Lightweight

Part No. Various

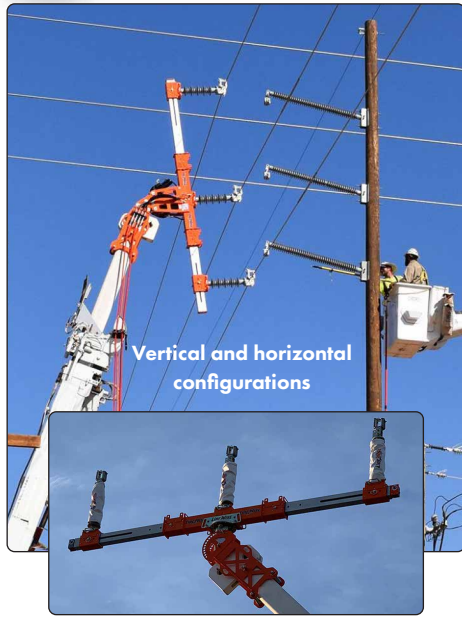
- Lightweight aluminium construction with no moving parts minimises the risk of manual handling injuries
- Powder Coated finish
- Unique data plate on each stand with option of company logo

Part No.	FSLPSP-01-2	FSTPSP-02
WLL (kg)	4000	4000
Dimensions (mm)	500 (H) x 700 (D)	900 (H) x 1000 (D)
Finish	Powder Coated Yellow	Powder Coated Yellow
Weight (kg)	7.1	7.9

Strong & Durable



See our Cant Hooks in the Fibreglass section



Conductor Triple Line Lifter - LineWise

Part No. TLL-500A (series 1 & series 2 models)



The phase lifter is an insulated crane attachment used to support up to three energized lines. The Triple Line Lifter replaces the need for temporary structures and tag lines while giving positive control of the live lines

- Hydraulic articulation, extension & retraction
- Conductor spacing: 2.4 –4.8m
- Quick Attach Insulators & Wire Holders
- Insulators lab tested
- Insulator spacing adjustable with torque gun (Series 2)
- Vertical and horizontal construction
- High Strength Steel fabrication
- Holding valves on all cylinders
- Manual override control valve
- Handheld Radio Remote Control
- Installed at ground level
- Unit weight: 524kgs.
- Mounted in skid: 941 kgs

Voltage (kV)	Conductors	Phase spacing Max (mm)	Phase spacing Min (mm)	Capacity per phase / total (kg)
33	3	4877 Outside-Outside	2388 Outside-Outside	227 / 680
66		2438 Centre-Outside	1194 Centre-Outside	227 / 680

Hydraulic Pole Pullers

56T Pole Puller, Hydraulic

Part No. PP-60-XHD

- Dual Cylinder Pole Puller
- 600mm hydraulic cylinder stroke
- High capacity, hydraulic powered
- Pulling utility poles up to 700mm diameter
- Force of 56 Tonne
- Grips the pole with cam-action heads with bevelled teeth to provide a better grip
- Use with open-centre or closed-centre hydraulic systems
- Fitted with 7.5m hydraulic hose
- Built-in fork pockets, 2 lifting points on the head & high strength alloy chains
- Increased stability due to larger footprint
- Increased gripping capability ensures chain does not slip up pole
- Utilises existing low pressure tool circuit on lifter borer-crane
- Hydraulics: Required flow rate 5-15gpm @ 2,250 psi max.

Performance	Pull 56 Tonne at 155 bar
Maximum Pole Size (mm)	710 Diameter, 2230 Circumference
Cylinder (mm)	Stroke 600
Head (mm)	Chain 2 x 20mm Grade 100
Footprint (mm)	Exterior 1168 x 1168, Interior 711 x 711
Height (mm)	Retracted 1500, Extended 2100
Weight (kg)	680
Lifting Points (mm)	830 x 184 x 1168

22T Pole Puller, Hydraulic - Reliable

Part No. REL-LP-P

The REL-LP-P will make Pole Pulling with a Lifter Borer a thing of the PAST. Reduce damage and potential for injury related to pole pulling. Simple installation and operation.

Kit Includes:

- Hydraulic Cylinder with Flush Face Coupler Set
- Swivel Chain Hook Assembly
- Chain (12.7mm x 1830mm Alloy)
- Base Plate & Back Plate

Operating Pressure (PSI)	2800
Recommended Flow	15-30 lpm
Lift at Max Pressure	22734kg

Part	Wt (kg)
Cylinder	25.85
Base Plate	11.34
Back Plate	11.34
Swivel Chain Hook Assy	16.32
Chain	6.8





Twistarp Lifting Tarps



Time saved filling holes, moving materials and cleaning up

- Used when digging, setting poles and backfilling
- Keep footpaths, property and worksites clean and tidy
- Overcomes manual handling
- Converts to ground mat when required
- Repair kits available
- Supplied with instructions and certification

Part No.	Size (m)	WLL (kg)	Dirt/Gravel (m ³)
TWIST6x6RP	1.8 x 1.8	1814	2
TWIST7x7RP	2.1 x 2.1	1814	3
TWIST8x8RP	2.4 x 2.4	2268	4
TWIST10x10RP	3.0 x 3.0	2268	6



Pulling Rope

Prima Dyneema Rope - Hampidjan

Part No. Various



More sizes available Contact TEN

Polyester Cover available on request

PRIMA rope is an ultra-high strength, low cost solution that meets the need for light but strong ropes in cost driven environment. Prima rope is stronger than steel in the same diameter. PRIMA ropes are made from HMPE fibre produced by DSM Dyneema.

Characteristics

- Extremely high strength
- Light weight
- Abrasion resistant
- Low stretch
- Neutral buoyancy
- Splicable
- Flexible

Applications

- Alternate to wire rope
- Winch lines
- Tow lines
- Rigging lines
- Utility line



1000m AVAILABLE OF H-53-010-1000 ONLY

Part No.	OD (mm)	Wt per metre (g)	Max Break Force (T)
29081035	6	23.29	4.0
29081040	8	38.81	6.7
29081050	10	54.34	10.7
29081061	12	93.15	16.0
29081070	14	103.25	18.7
29081080	16	137.67	24.9

Specify Length in metres

3 Strand Polypropylene Rope - Hampidjan

Part No. Various



- Higher breaking strength
- Abrasion resistance
- Excellent shock absorption
- Better grip
- Minimal elongation
- Durable and ultraviolet stabilized
- Excellent shape retention
- Strength: wet/dry 100%
- Floats/sinks: Floats
- Elongation: Moderate
- Water absorption: None
- Chemical Resistance
 - Acids: Excellent
 - Alkalis: Excellent
 - Oil/Gas: Very Good

Part No.	OD (mm)	Wt per 100 m (kg) 250m Standard (Coil)	Max Break Force (T)
PPR-12	12	7.0	2.84
PPR-14	14	9.0	3.91
PPR-16	16	12.0	4.90
PPR-18	18	15.0	5.50
PPR-20	20	18.0	7.52
PPR-22	22	22.0	8.45
PPR-24	24	26.0	10.20
PPR-26	26	31.0	11.87

Specify Length in metres



Meets or exceeds the dry or wet electrical requirements of: IEC 62192:2009
Arc-Flash rated: Resistant to 40 cal/cm² (category 4)

**ARC-FLASH
RATED**



Tag Line & included Storage bag



Live Line Rope



Optional Storage bag for Live Line and Rescue Ropes



Rope Link & included Storage bag



Dielectric Ropes - D.E.W Line™ - Barry

Insulating Live Line Rope offers a unique coating and excellent dielectric properties and can be knotted. This live line rope is designed for performing live work on or near AC or DC energized lines and apparatus.

Features

- Unique insulating properties
- Knottable
- Cleanable and easy to maintain and test
- Exceptionally low leakage current, whether dry or wet
- Protection from high fault current
- High strength
- Low elongation
- Lightweight and low volume
- Fully sealed and hydrophobic
- Smooth surface
- High abrasion resistance
- Easy to deploy
- Excellent resistance to changing weather conditions, UV, corona effect and temperature extremes
- Sealed termination at each end
- Easy storage in optional transport bag with desiccant

Tag Line

Part No. HL-NK1000

Insulating Rope Tool serves as a Fibreglass tool replacement during temporary installations on or near AC or DC energized lines and apparatus.

Ordering Information

PART No.	OD (mm)	WLL (kg)	Standard lengths (m)	Colour
HL-NK1000**	6	90	6.1-9.1-12.2**	Black w/orange terminations

Other lengths, diameters and WLL available. Contact TEN for further information

Live Line Rope

Part No. HL-NP

Insulating Live Line Ropes offers a unique coating and excellent dielectric properties and can also be knotted. This live line rope is designed for performing live work on or near AC or DC energized lines and apparatus.

Ordering Information

PART No.	OD (mm)	Breaking Load (T)	Standard Lengths (m)	Colour
HL-NP2800**	13	2.85*	15-30-45**	Orange
HL-NP4500**	14	4.53*	15-30-45**	Orange

Live Line Rope Link

Part No. HL-NK1900

Insulating Rope link serves as a Fibreglass tool replacement during temporary installations on or near AC or DC energized lines and apparatus.

Ordering Information

PART No.	OD (mm)	WLL (T)	Lengths (m)	Colour
HL-NK1900**	22	3.175	Nominate**	Black

** Nominate Length Required

Other diameters and lengths available. Contact TEN for further information.



Rescue Rope

Rescue Rope

Part No. HL-NF3400

High Angle Rescue Rope for evacuation of workers in energised fields on AC or DC.

Ordering Information

PART No.	OD (mm)	Breaking Load (T)	Length (m)	Colour
HL-NF3400**	12	3.4*	Nominate**	Orange w/tracer

* Reduce the Break Load by 50% when using knots

** Nominate Length Required

Safety Nets

Part No. HL-NK1000C

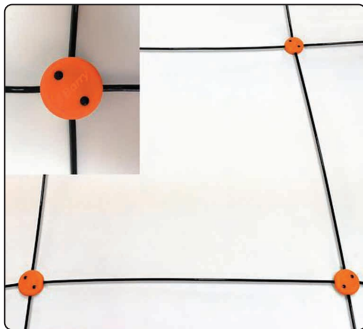
Insulating safety nets are constructed using Barry's proprietary D.E.W. Line® rope and their specially designed clips. They have excellent dielectric properties and are designed to serve as a safety barrier or guard structure installed on hurdle poles or infrastructures for power lines, road and railway crossings.

Protects and secures apparatus while performing hot/live work under AC or DC condition.

Ordering Information

PART No.	OD (mm)	Mesh Breaking Load (T)	Standard Sizes (m)	Colour
HL-NK1000C	6	2.85	21 x 30.5 21 x 45.7 21 x 61.0	Black Rope with Orange Junction Clips

Other widths, lengths and mesh sizes available. Contact TEN for further information.



The dielectric safety nets are extremely durable and offer reliable dielectric properties similar to those of Fibreglass tools and hot sticks. They are completely jacketed and sealed in order to eliminate contamination of the fibres which could otherwise permanently trap conductive dirt and moisture. They are easy to inspect and maintain.



**Extensive range of Barry Rope Products available
Contact TEN for further information**

- HELICOPTER LONGLINES
- LIFTING BEAMS
- BARRY D.E.W. LINE® DIELECTRIC WINCH LINES
- BARRY D.E.W. LINE® LINEMAN RESCUE KIT WITH RETRIEVABLE ANCHOR STRAP

Insulating Rope - 3 Strand

Part No. Various

- Dry tested to 100kV/300mm in humid conditions
- To IEC 62 912, European Directive 98/37/EC
- Technical specification HTB-71B-2
- Manufactured under ISO9001 & ISO9002
- Low water absorption coefficient

**Rope Tester also available
See Test and Measurement
section for details**



See Test Section for Rope Tester

Part No.	OD (mm)	Wt per metre (g)	Break Force (kg)
13400-08*	8	30	929
13400-10*	10	50	1421
13400-12*	12	70	2111
13400-14*	14	90	2903
13400-16*	16	120	3483
13400-18*	18	150	4630
13400-20*	20	180	5588

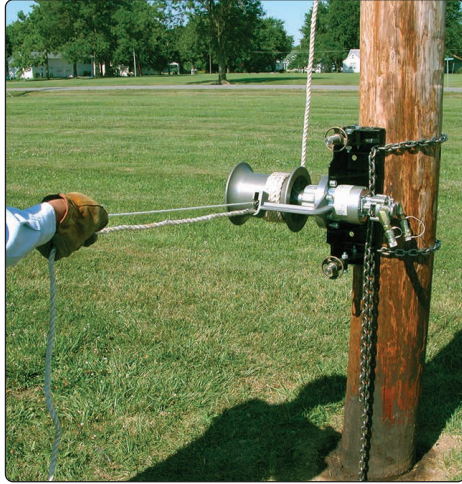
* Specify length in metres

Eye splices available



Winches - Overhead - Chance

Capstan Winches - 454kg



Hydraulic Winch shown with Rope Lock (sold separately)

Chance Capstan Winches - 454kg Capacity

Chance Capstan Winches are available for all on-site situations.

Hydraulic - Powered by 700bar (10,000psi) Hydraulic Pump

230V AC - Plug into any single phase power outlet or a truck inverter

Petrol - Utilise independently of all other power supplies

Improved design features a multi-planetary drive/backstop clutch, assembled on the centre shaft of the steel gear-case with full-length internal teeth.

This design handles more rugged conditions, extends life and reduces maintenance

For improved load control, steel capstan drum features nickel-plated rope surface, larger radius at load-line wrap and rope hook.



Petrol Winch shown with Foot Switch (included)

Versatile Application

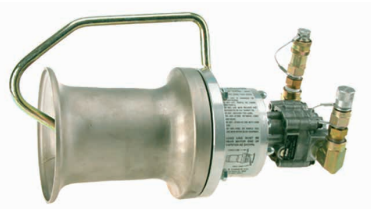
Lightweight, powerful portable winches move heavy weights and tackle difficult to access tasks, including:

- Pulling underground and indoor cable
- Stringing and tensioning conductors
- Lifting transformers



Honda 35cc 4 Stroke Engine

- Hoisting heavy insulator strings
- Tower erection
- Pulling wheeled equipment over obstacles



Hydraulic Winch - 700bar (10,000psi)

Part No. C308-1180

Capacity (kg)	Speed at Max Load (m)	Source required for speed	Wt (kg)
454	28.3	30lt per min @ 10,000psi	12.9

Foot Switch not Included - see accessories on next page

Electric Winch - 230V AC

Part No. C308-1171

Capacity (kg)	Speed at Max Load (m)	Source required for speed	Wt (kg)
454	6.4	7 amps motor current	22.5

Includes Foot Switch

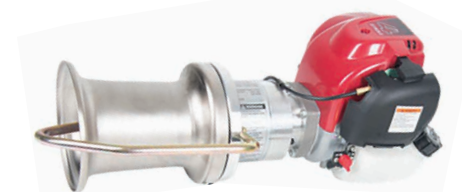
Petrol Winch - Honda 35cc 4-Stroke

Part No. C308-1190

Capacity (kg)	Speed at Max Load (m)	Source required for speed	Wt (kg)
454	12.2	7,000rpm	20.9

Includes Foot Switch

See following page for available accessories





Chance Winch Accessories



Rope Lock Device

Part No. C308-0856

- Automatically supports load if rope is released
- Accepts 12.7mm to 19.0mm rope
- Includes 2 mounting bolt, washers and lanyard



Universal Mounting Bracket

Part No. C308-0925

- Recommended for petrol Winch
- Can be bolted down or uses two C417-0346 Chain Clamps (below) for mounting on poles, angles and beams



Chain Clamp

Part No. C417-0346

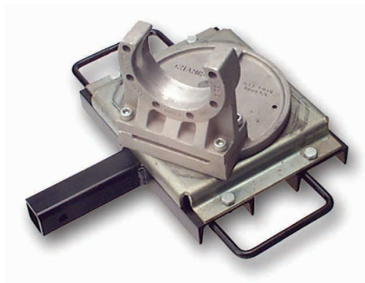
- Recommended for above Universal Bracket
- Use two Chain Clamps for Universal Bracket (above)
- 2.15m long



Swivel Base Truck Mount

Part No. T308-1506

- Recommended for Electric and Hydraulic Winches
- Weight: 10.4kg



Swivel Base Truck Mount & Hitch Mount

Part No. PSC3081563

- Recommended for Electric and Hydraulic Winches
- Weight: 28.1 kg



Foot Switch - Hydraulic

Part No. C308-0685

- Use for Hydraulic Winch
- Weight: 10.9kg



Winches - Overhead and Underground

Portable Petrol Capstan Winch - Docma

Part No: VF-Series

Docma offer a highly innovative range of Winches for Pulling and lifting loads for the Power Utilities, Telecommunication, Railway, Mining, Oil & Gas industries.

They combine Italian quality materials, modern and functional design to achieve excellent Performance, Speed and Portability. Perform these tasks in remote locations or areas where power is not yet available.

The portable winches are designed to handle all of your day-to-day conductor pulls from loads of 800 to 1150kg (2300kg via single pulley)

The Innovative built-in rope accelerator, controlled by the operator, simply tug on the rope to start the pull/lift.

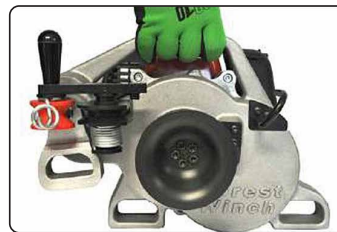
Features

- Italian Quality
- Pulling from remote locations no longer a challenge
- Ready for immediate use on site
- Over 1 tonne pulling capacity
- Built-In Rope Accelerator Switch
- Quickly mobilised and placed in working position
- 2 or 4 Stroke options (Honda 4 stroke HGX50)
- No tilt restrictions (Honda 4 stroke HGX50)
- Balanced Cast Carry Handle
- Wide range of attachment & accessories

DOCMA

MADE IN ITALY

Honda 4 Stroke model shown



Balanced, strong cast Handle



Rope Accelerator



VF900-4



VF815-2



VF105-2

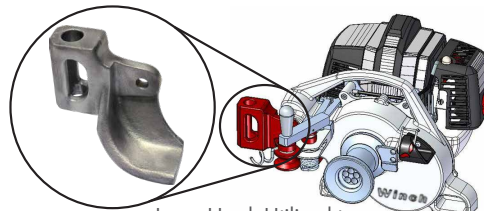
Part No.	Capacity (kg)			Engine type	Pull Speed (m/pm)	Engine (cc)	Rope		Wt (kg)
	Pulling	Double Rope	Lifting				Size (mm)	Wraps on Drum	
VF900-4	865	1730	200	Honda 4 Stroke	14	50	10 / 12*	8 / 7	10.85
VF815-2	815	1630		2 Stroke	26	50.8	10 / 12*	7 / 6	10.50
VF105-2	1050	2100		2 Stroke	20	50.8	10 / 12*	8 / 7	10.50

* 10 and 12mm Double Braid Polyester Hauling Rope available in a variety of lengths. Contact TEN for further information.

Docma Capstan Winch Accessories



Double Hook Assembly Utilised to attached Winch to Slings



Loop Hook Utilised to attached Winch to all Accessories



Vertical Anchor - For Poles, Posts & Towers or Anchor with bolts through anchor holes



50mm Tow-Ball attachment



Hayman Reece attachment



Lifting attachment



Ground attachment

Contact TEN for further information on the Winch Pulling & Lifting attachment equipment and set-up



Portable Petrol Drum Winch - Docma

Part No: VF-Series

Docma offer a highly innovative range of Winches for Pulling loads for the Power Utilities, Telecommunication, Railway, Mining, Oil & Gas industries.

They combine Italian quality materials, modern and functional design to achieve excellent Performance, Speed and Portability. Perform these tasks in remote locations or areas where power is not available.

The portable Drum winches are designed to handle all of your day-to-day pulls from loads of up to 1485kg (2970kg via single pulley)

Features

- Italian Quality
- Pulling from remote locations no longer a challenge
- Ready for immediate use on site
- Quickly mobilised and placed in working position
- Over 1.4 tonne capacity
- Innovative quick release system for free-wheel unwinding
- Textile rope
- Balanced Carry Handle
- Wide range of accessories
- Steel Rope version available upon request



VF155-AUTO

DOCMA

MADE IN ITALY



Auto Rewind Guide



Hook or Tow-Ball Attachment

Part No.	Pull Capacity (kg)	Dimensions (mm)	Pull Speed	Engine (cc)	Rope Dia & Length	Rope Type	Wt (kg)
VF155-AUTO	1485	595 x 385 x 360	20m/min	50.8	5mm x 80m	Textile	25.0

Docma Capstan & Drum Winch Accessories

Docma offers a wide range of accessories to handle all of your day-to-day pulling, from poles, trees and towers to vehicle tow-balls.

Slings & Ratchet Strap



Double Ended Sling



Ratchet Strap

Redirection or double capacity Pulleys



16kN Steel Pulley



16kN Steel Pulley



40kN AL Pulley



40kN AL Pulley

Hooks & Shackles



Rated Hooks and Shackles

Replacement Ropes for Drum Winches



Textile Rope



Steel Rope

Wide range of other accessories available, including equipment bags & back-packs and pole, tree & equipment sleighs & trolleys



Ideal for Overhead & Underground Pulling



Safety Rope Diversion allows Operator to stand out of pulling line



Battery Capstan Winches, 1360kg - iTOOLco

Ideal for Industrial/Commercial applications.

Pulling from remote locations is no longer a challenge.

This portable 1360kg puller is intuitively designed to handle all of your day-to-day pulls.

Features

- Pulling from remote locations no longer a challenge
- Built-In Rope Engagement Capstan Switch
- Wide angle Dual Head Adjustment
- Ready for immediate use on site
- Quickly mobilised and placed in working position
- Pulling from remote locations
- 5 Conduit adaptors with built-in carry rack

Performance

Pull Speed:

Up to 15m p/m 1360kg small Capstan

Up to 33m p/m 680kg large Capstan

Max pulling Capacity: 1360kg

Pull at max speed: 680kg

Powered by: Milwaukee M18 drive unit

Battery: Milwaukee M18 - 18V 6.0Ah

Battery Cannon Puller

Part No. CM3K

Speed, Versatility, and Performance are all yours with iToolco's Battery Capstan Winch.

This portable 1360kg puller is intuitively designed to handle all of your day-to-day conductor pulls.

The built-in capstan switch automatically turns the puller on and off.

Simply tug on the rope to start the pull and back off to shut it down.

Delivers dynamic performance in remote locations or areas where power is not yet available.



Versatile Dual Capstan

Powered by Milwaukee Batteries



Battery Utility Puller

Part No. UPM3K

Ideal for Utility Applications

Includes Tow-bar Mount

Get high-speed performance and a unique set-up with iTOLCO's 3K Utility Puller™.

Designed for quick set-up, the 3K Utility Puller's articulating receiver adapter can be positioned 180 degrees vertically or horizontally at the precise angle needed to get the job done.

With this hardworking puller you can transfer heavy pulling loads to the ground within centimeters of the conduit you're pulling through.

For overhead pulls, line guide rollers keep the rope centered on the capstan.



Part No	Ordering information	Dimensions Collapsed (mm)	Dimensions Extended (mm)	Wt (kg)
CM3K	Winch, Conduit Adaptors & Rack Motor, 2 x Batteries, Charger	2121 (H) x 914 (W) x 686 (L)	Extends up to 3.0m	62.3
UPM3K		1905 (H) x 508 (W) x 508 (L)		74.1



Ideal for Overhead & Underground Pulling



Versatile Dual Capstan

Electric Capstan Winches, 2727kg - iTOOLco

Ideal for Industrial/Commercial applications. Take your cable pulling to the next level with these tough but versatile Electric Capstan Winches. When 2T is not quite enough and you don't want to drag a big puller around on the back of your vehicle, the iTOOLco winch is the ideal puller.

Features

- Pulling from remote locations no longer a challenge
- Built-In Rope Engagement Capstan Switch
- Ready for immediate use on site
- Quickly mobilised and placed in working position
- Pulling from remote locations
- 5 Conduit adaptors with built-in carry rack (C6K.2 Model)

Performance

Pull Speed:

Up to 8.5m p/m 2727kg small Capstan

Up to 21m p/m 1360kg large Capstan

Max pulling Capacity: 2727kg

Pull at max speed: 1360kg

Powered by: 230v Milwaukee 2 Speed motor



Electric Cannon Puller

Part No. C6K.2

The Cannon 6K is two wire pullers in one with dual capstans that can pull 2.4m and 8.5m per minute on low speed and 6.0m and 21m per minute on high speed.

This versatile wire puller is lightweight and easy to transport, making it the puller of choice for many electrical contractors and electricians.

Features

- 4 Speed dual capstan
- Self contained – ready to pull
- Quickly change from side pull to overhead, underground or truck hitch
- Pulls out 2.7m of extra wire



- No anchoring required
- Easy to transport
- Telescoping

Electric Utility Puller

Part No. UP6K

Ideal for Utility Applications

Tackle unique set-up challenges with precision and performance using iTOOLco's Utility Puller 6K™.

Designed for faster set-up, the Utility Puller 6K's articulating receiver adapter can be positioned 180 degrees vertically or horizontally at the precise angle needed to get the job done.

With the hardworking Utility Puller 6K, you can transfer heavy pulling loads to the ground within centimeters of the conduit you're pulling through. For overhead pulls, line guide rollers keep the rope centered on the capstan.



Part No	Description	Dimensions Collapsed (mm)	Dimensions Extended (mm)	Wt (kg)
C6K.2	Electric Capstan Winch	1220H x 546W x 546L	Extends up to 3.0m	59
UP6K	Electric Capstan Winch	1905H x 609W x 609L		59



Electric Capstan Winches, 4545kg & 5454kg - iTOOLco



10K Puller
C10K.2



SCAN OR CLICK TO VIEW VIDEO



12K Puller
C12K



SCAN OR CLICK TO VIEW VIDEO

iTOOLco's Cannon 10 & 12K pullers are the strongest wire pullers available.

These versatile cable pullers are easy to maneuver, and can be changed quickly from side pulls to overhead or underground.

Features

- Self-contained – ready to pull
- Quickly change from side pull to overhead, underground or truck hitch
- Adjustable counter-balance for easy setup
- Universal adapter – the universal adapter sits on the conduit lock nut, fits a wide range of sizes, and often eliminates the need to use the conduit adapters on lighter pull
- Easily maneuvers into tight spaces
- Rear swiveling casters for job site transportation and precise conduit positioning
- Pulls out 3.9m of extra wire from conduit opening to capstan
- Foot switches included

Part No. C10K.2

- Up to 5.5m (per min.) on low speed, Up to 12.0m (per min) on high speed
- 4545kg pulling capacity
- 4 Speed dual capstan

Part No. C12K

- 5454kg pulling capacity
- Pulling Speed up to 4.5m (per min.) on low speed, Up to 10.1m (per min) on high speed
- Customized motor with reverse gear
- 6 Speed dual capstan
- Extra 835mm & 375mm extensions allow for longer reach

Contact TEN for further information on the iTOOLco 10 & 12K Pullers

Running Line Tension Gauge - Safe Pull - iTOOLco

Part No. SPRLT20K

Accurately Monitor Cable Tension & Customer Overload Limits

Accurately monitor & save cable tension while preventing damage. Increase safety ensuring that cable is being pulled at a safe tension level by integrating the Safe Pull RLT. The lightweight design & included carrying case allows for easy transportation on the job-site. Track every pull remotely via your mobile device with the Safe Pull™ RLT application. Set load limits and get audible alarms on pulls with loads measuring up to 88kN (9T).

Features

- Easy Rope Installation with quick release pins
- Accepts rope sizes 4mm to 19mm
- Overhead & Right Angle Pulls
- GPS capability
- Smart-Phone App available for Apple and Android platforms
- Light-weight and Durable - Constructed from anodized aluminium.
- No structural Plastic parts
- Mounting Kit Included
- Reads in kN - kg - t - lb
- Accepts AA Batteries (500hr battery life)
- IP67 Rated

Contact TEN for information
on the Smart Phone APP



SCAN OR CLICK TO VIEW VIDEO

Part No	Description	Dimensions (mm)	Wt (kg)
SPRLT20K	Running Line Tensioner	422 (L) x 35 (W) x 152(H)	4.6