



HORIZON FEATURED PRODUCTS

CATALOGUE 2023/2024



Welcome

Welcome to the Horizon Featured Products Catalogue 2023/24

Established in 1996, Horizon specialises in supplying equipment for working live on power lines and cables. Since that time, our product range has evolved into the most comprehensive in the industry. We work with our clients to solve problems that they encounter with tools and equipment to make their jobs safer, easier and more efficient.

This featured product catalogue demonstrates an array of the latest tools and equipment that we supply within the electrical utility sector, including the latest innovations from our suppliers.

Horizon Utility Supplies have the following accreditations:



OUR PARTNERS



POWER LINE
SENTRY



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Ansell's Rubber Electrical Insulating Gloves are designed for ultimate comfort, performance and safety. They are made from 100% natural rubber latex using a proprietary, environmentally friendly dipping process for ultimate flexibility and dexterity. Class 0 is rated for protection up to 1000V. They are CE marked and tested and conform to EN 60903.

Single Colour Gloves

Features

- Made from 100% natural rubber latex for exceptional insulation
- Class 0
- Colour: Yellow
- Environmentally friendly dipping process
- Hand fatigue is reduced by the ergonomic hand-at-rest shape and non-splayed fingers
- Flared cuff design allows room for clothing/sleeves
- Length 14" (360mm)
- Class 0 gloves suitable for a maximum working AC voltage of 1000V
- Certified for resistance to acid (category A), Ozone (Category Z) and very low temperature (Category C)
- Conforms to EN 60903:2003
- Conforms to Arc Flash Protection Class 1 EN 61482-1-2²



CAT NO	CLASS	LENGTH	MAX USE VOLTAGE	PROOF TEST VOLTAGE	SIZES
E0-16Y-*	0	14" (360mm)	1 kV	5 kV	7-12

Protectors

Leather protective overgloves are available in gold grain goatskin for use with low voltage rubber gloves. The overgloves have an adjustable black webbing draw-strap with nylon adjustable buckle. The cuff is made of stiff, high-visibility orange vinyl fabric. Length: 12" for low voltage.



Low Voltage Overgloves

CAT NO	DESCRIPTION	SIZE
VLP-110S4C-*	Low voltage goatskin protector 12"	7-12

Manufactured by DPL with specially treated, high grade, natural rubber latex compounds from DPL's own plantation. They offer superior dielectric properties, are CE marked and tested in accordance to EN 60903.

Two Colour Gloves

Designed with extra comfort and safety for the user, Linepro Gloves are manufactured with specially treated high grade natural latex compounds from DPL's own plantations.

Superior anatomical construction and low temperature flexibility results in lower hand fatigue, enhancing the wearer's comfort for longer duration.

Features

- Two colour construction makes daily inspection easier for the user
- Rolled cuff ensures the glove holds its shape
- Colour coded labels shows maximum working voltage
- Packed in opaque UV resistant bags
- Class 1
- Two-colour: black inside red/outside
- Length: 410mm (16")
- Available in sizes 8, 9, 10 and 11 (half sizes available by special request)
- Additionally certified for Resistance to Acid (Category A) and Extremely Low Temperature (Category C)
- Maximum use voltage: 7,500V
- Conforms to EN 60903:2003
- Electric Arc tested to IEC 61482-1-2 7kA/30cm



DPL-9961MC-1

CAT NO	CLASS	COLOUR	LENGTH	MAX USE VOLTAGE	WITHSTAND TEST VOLTAGE	SIZES
DPL-9961MC-1	1	Black inside/red outside	16" (410mm)	7,500V	20,000V	8, 9, 10 & 11*

*Half sizes available by special request



Ansell two-colour electrical insulating gloves are ergonomically designed natural rubber insulating gloves for all-day safety and comfort.

Two Colour Gloves - Bell Cuff 16"

Features:

Heightened flexibility and

durability: ActivArm® Electrical Insulating Gloves Class 2 -& 3 Gloves are made from natural rubber latex (through an eco-conscious dipping process), for electrical safety gloves that are both durable and flexible

Advanced ergonomics: These insulated rubber gloves' non-splayed fingers and hand-at-rest design minimize hand fatigue

Elevated comfort: A spacious bell cuff ensures plentiful room for clothing and ventilation

Increased practicality: A smooth, case-hardened finish makes for easy donning and doffing

Certified protection: Conforms to BS EN 60903:2003



CAT NO	CLASS	LENGTH	MAX USE VOLTAGE	PROOF TEST VOLTAGE	COLOUR	SIZES
RIG216YBBC-*	2	16" (410mm)	17 kV	20 kV	Black/Yellow	*8-12
RIG316YBBC-*	3	16" (410mm)	26.5 kV	30 kV	Black/Yellow	*8-12

*Half sizes available in 8-11

Key Features:

Natural rubber latex formulation: Flexibility and durability ensured

Ergonomic design: For hand protection with minimal fatigue

Bell cuff: Design ideal for use with rubber sleeves

Applications:

- CLASS 3
- Power line maintenance
- Applications with risks that involve heat, cuts and abrasions
- Electrical Contractors
- Hybrid engine manufacturing and repair
- Maintenance repairs and operations in all industrial environments
- Mass transit repair and maintenance (MRO)
- Telecom repair near electrical wires



Klauke's Orange Line series of battery powered hydraulic cutting and crimping tools are the world's first tools of their kind offering protection from electric shocks up to 1000V. The insulation barrier, which was developed in-house, prevents voltage discharging between tool head and tool body. Every single tool is tested for compliance with the electrical requirements of IEC 60900 in their production process. This guarantees voltage protection up to 1000V.



Safer Operations

Until now only insulated hand tools have been available for cutting and crimping operations. The new Klauke Orange Line now offers, for the first time, insulated battery powered cutting and crimping tools, fully compliant to the electrical requirements of IEC 60900, significantly increasing user safety.

In addition Klauke Insulated tools are a safer option to use in all applications involving potentially live parts.



Safe and Convenient

On many occasions electrical systems cannot be disconnected, so working live cannot be avoided. The Klauke Orange Line of battery cutting and crimping tools increases operator comfort by reducing the need for the use of hand operated ratchet tools. Safety is also increased as the tools are suitable for low voltage operations on cables.



Proven Functions

The tried and proven functions of our Next Generation tools remain in place.

Hence you can see all information at a glance, thanks to the integrated display. Orange Line tools also have an infinitely rotating tool head.



Orange Line Series new compact lightweight tool ideal for working in confined spaces. Developed with Jointers in mind the ES32SIS has a shortened blade profile to prevent the likelihood of catching an adjacent phase during the cutting operation. The blade pivot point has been redesigned to give maximum cutting leverage, which enables cutting of single core copper and aluminium cables of up to 400mm sq. Helps alleviate problems with arthritis and repetitive strain injuries associated with continuous use of manual ratchet cutters.

ES32SISML-WSH

Insulated battery powered hydraulic open head cutter

- Fully insulated to the electrical requirements of IEC 60900
- Compact and lightweight
- Open cutting head rotates infinitely
- Automatic retraction when the operation is complete
- Manual retraction where required

CAT NO (TOOL ONLY)	ES32SISML-WSH
CUTTING FORCE	20kN
STROKE/OPENING WIDTH	32mm dia
CUTTING RANGE	Up to 400mm ² Cu, Al cores
WEIGHT INC. BATTERY	2.1kg

- Environmentally-friendly hydraulic oil, biodegradable
- Quick motor stop
- Ergonomic 2-component housing with soft grips for comfortable and safe, one hand operation
- Faster cutting time than ratchet type cutters
- Optimal centre of gravity
- More cost effective model due to slightly reduced functionality
- Takes standard 10.8V DeWalt Li-Ion Batteries
- Length with battery is 15" (38cm)



New Orange Line series of Mini+ Crimping and Cutting Tools provide high power in a small lightweight tool with the additional benefit of electrical protection up to 1000V. Available in 18V Li-Ion Makita and Bosch Battery Platforms.

- Fully insulated to the electrical requirements of IEC 60900
- Data analysis via optical interface & USB adapter
- Ergonomic design for optimised centre of gravity for perfectly balanced tool
- LED illuminates work area
- More powerful motors for increased speed, performance and battery life

Klauke EK425ISM

Insulated battery powered hydraulic open head 'W' die tool

CAT NO (TOOL ONLY)	EK425ISM
CRIMPING FORCE	50kN
STROKE/OPENING WIDTH	40mm
CRIMP RANGE	Full range of 'W' dies
NUMBER OF CRIMPS	Approx 150 dependent on conductor dia
WEIGHT INC. BATTERY	3.0kg

Available in 18V Makita and Bosch Battery Platforms (Sold Separately)



Interchangeable Heads available for EK425ISM



CJ-E

EK425ISM accepts all W Dies except 'WE'. Use CJ-E for 'E' profiled crimps.



CJACSRINS

Cuts up to 20mm dia. ACSR



CJCUINS

Cuts up to 20mm dia. Cu / Al

Klauke ES20ISM

Insulated battery powered hydraulic cutting tool 20mm dia.

CAT NO (TOOL ONLY)	ES20ISM	ES32ISM
CUTTING FORCE	23kN	15kN
CUTTING RANGE	20mm dia	32mm dia
CABLE TYPES	ACSR, Cu & Al	Cu & Al
HEAD TYPE	Open scissor	Open scissor
WEIGHT INC. BATTERY	2.3kg	2.2kg

Available in 18V Makita and Bosch Battery Platforms (Sold Separately)

- Fully insulated to the electrical requirements of IEC 60900
- Compact and lightweight
- Open cutting head rotates infinitely
- Automatic retraction when the operation is complete
- Manual retraction where required



Klauke ES32ISM

Insulated battery powered hydraulic cutting tool 32mm dia.

Image shown with shrouded head - available for both models. Add suffix -WSH to Cat No

Available in 18V Makita and Bosch Battery Platforms (Sold Separately)

- Environmentally-friendly hydraulic oil, biodegradable
- Quick motor stop
- Ergonomic 2-component housing with soft grips for comfortable and safe, one hand operation
- Multifunction LED for maintenance control and analysis of data via optical interface and USB adapter
- Optimal centre of gravity

This unique tool allows the user to operate and control the cutting function remotely via Bluetooth technology. Ideal for cutting applications at height where there are potential benefits from carrying out this work from ground level.

When used in conjunction with telescopic or sectional operating rods the user is easily able to manoeuvre the cutter into a convenient position to enable cutting of jumpers, conductor tail ends, vegetation and debris on or in the vicinity of power lines. Available in 3 versions for cutting ACSR conductor (20mm dia max), copper and aluminium conductor (32mm dia.) or vegetation such as small tree branches up to 50mm diameter. The tool is operated via the BTC2 remote fob which has a simple 2-function button. Available on Makita or Bosch battery platforms. All tools can be operated as hand tools by removing the yellow attachment collar and switching from remote to manual operation via the Led display.

Please call us for a demonstration.

Features & Benefits:

- Operation can be switched between manual / remote operation using LED Display
- One-button operating concept for controlling all functions
- Balanced centre of gravity for easy handling and effortless operations, especially when used with hotsticks, telescopic or sectional operating rods
- Quick motor stop for added user safety
- Automatic retraction when cutting operation is complete. Manual retraction when required
- Operated remotely using Bluetooth fob
- LED for workplace illumination
- Open head rotates through 300°
- LED display for tool data
- Yellow collar fitted with universal rose to allow all angle attachment of operating rod ensuring perfect positioning for cut

BLUETOOTH CONNECTIVITY



Remote fob



SCAN ME

CAT NO	CUTTING RANGE	BATTERY	WEIGHT
ES20RMCFB	Max 20mm dia ACSR/Cu/Al	Bosch	2.0kg
ES20RMCFM	Max 20mm dia ACSR/Cu/Al	Makita	2.0kg
ES32RMCFB	Max 32mm dia Cu/Al	Bosch	2.0kg
ES32RMCFM	Max 32mm dia Cu/Al	Makita	2.0kg
ES50RMCFB	Max 50mm dia vegetation	Bosch	2.0kg
ES50RMCFM	Max 50mm dia vegetation	Makita	2.0kg

The first remote-controlled cable cutter with blade position sensor ensures cable is completely cut through. ESG105RMCCFM and ESG65RMCCFM were developed in collaboration with experts from the utilities sector to find a method to cut electrical cables safely.

In contrast to overground power distribution systems, it is not always possible to trace underground systems, making it difficult to guarantee a voltage-free condition. The two battery-operated hydraulic cutters for cables up to 105 mm Ø and 65 mm Ø can be operated by REMOTE CONTROL and thus protect the user in the event of a cable still under power. This is the first cutting tool with REAL ENDLAP CONTROL, i.e. the position of the blades is constantly checked and an acoustic signal is emitted as soon as they overlap completely.

ESG105RMCCFM (105mm) & ESG65RMCCFM (65mm)

- Manual or remote Bluetooth operation
- Extremely wide cutting range
- Convenient and easy to use thanks to the ultra light design
- Visual and acoustic cutting confirmation from the remote control when the cutting operation is complete
- Remote controlled forward-stop-reverse
- Long range - under optimal conditions up to 70 meters



CAT NO	ESG105RMCCFM	ESG65RMCCFM
HEAD TYPE	Guillotine Closed	Guillotine Closed
CUTTING FORCE	120kN	60kN
CUTTING RANGE	max. 105 mm Ø, e.g. NYCWY 4 x 240 SM/120	max. 65 mm Ø, e.g. NYCWY 4 x 240 SM/120
CABLE TYPES	Copper and aluminium cables	Copper and aluminium cables
WEIGHT INC BATTERY	10.5kg	6.0kg



Klauke Large Cable Cutters

ESG105CFB (105mm) & ESG85CFB (85mm)

- Large battery hydraulic cable cutter up to 105mm/ 85mm diameter
- Suitable for Cu, Al and armoured cables
- Up to 120kN cutting force
- Remarkably lightweight for tools of this performance class
- One button operation with automatic blade retract
- Bosch or Makita 18V Li-Ion battery



CAT NO	ESG105CFB	ESG85CFB
HEAD TYPE	Guillotine Closed	Guillotine Closed
CUTTING FORCE	120kN	60kN
CUTTING RANGE	105mm dia	85mm dia
CABLE TYPES	Armoured Cu & Al	Armoured Cu & Al
WEIGHT INC BATTERY	10.7kg	6.8kg



Medium Cable Cutter

Klauke ESM50CFB

- In-line compact hydraulic cable cutter up to 50mm diameter
- 2 stage hydraulic system for rapid blade advance
- LED work light
- Open rotatable head
- Bosch or Makita 18V Li-Ion battery

CAT NO	ESM50CFB
HEAD TYPE	Cutter Open
CUTTING FORCE	38kN
CUTTING RANGE	50mm dia
WEIGHT INC BATTERY	3.0kg



Small Bolt Cutter

Klauke EBS12CFB

- Battery powered 'bolt-cutter'
- Use anywhere manual bolt cutters are used today
- One button operation, helps eliminate manual handling injuries
- Suitable up to 12mm stainless rod (med/hard material ST.37)
- Bosch or Makita 18V Li-Ion battery

CAT NO	EBS12CFB
CUTTING FORCE	45kN
CUTTING RANGE	12mm dia
WEIGHT INC BATTERY	2.0kg

EK354ML Battery Powered Hydraulic Crimping Tool 6-150mm²

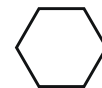
The EK354ML crimping tool offers a large cross section range up to 150 mm². Its slim crimping head is ideal when space is critical, and it boasts a powerful 10.8 V Li-Ion battery technology with battery charge indicator.

Features:

- Closed head, flip top style, rotatable
- Simple and safe: one-button operating concept for controlling all tool functions
- Comfortable and secure one-hand operation thanks to 2-component plastic housing with soft lining
- Lightweight for effortless operation
- Automatic retraction when operation is complete
- Maintenance display via LED
- Suitable for 4-series interchangeable crimping dies, narrow crimping

CRIMPING PROFILES

Hexagonal



Indent



Indent Solderless Terminals



Quad-point Indent



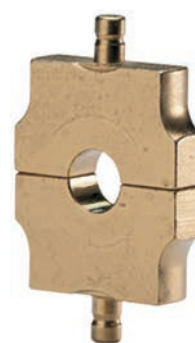
Oval



HL4 Hex Crimp



HRU 4 0 Crimp



A full range of dies and lugs available upon request

CAT NO	CRIMPING FORCE	STROKE/OPENING WIDTH	CRIMPING RANGE	CRIMPING CYCLE	BATTERY	WEIGHT
EK354ML	35 kN	9mm	6-150mm ²	3s-4s (depending on crimp cycle)	10.8V 2.5Ah Li-Ion	1.6kg

Horizon helped develop this tool into a kit for a requirement within SSE to crimp ABC The kit includes the EK354 tool, 3 x ABC dies (140, 173 & 215), spare batteries & a charger. We work closely with our customers and can develop bespoke kits for their requirements. For more information on bespoke kits, please contact us.

LOOKOUT Voltage Detection Network

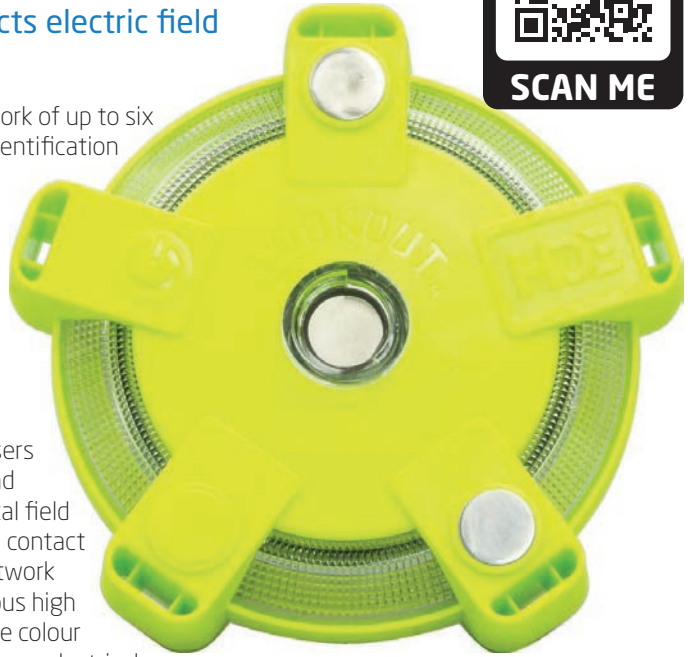


SCAN ME

The LOOKOUT Voltage Detection Network detects electric field in ranges between 4kVAC and 500kVAC

- The LOOKOUT Voltage Identification Mesh Network is a network of up to six voltage detectors that work together to provide directional identification of where an energised field is located
- Visual and audible alerts to warn of an energised field
- Colour coded lights indicate which devices are closest to the voltage source and which are further away - using a red-amber-green sequence
- Communication distance between devices up to 30 metres

The LOOKOUT Detectors can provide an additional warning to users exposed or working around energised, high voltage electricity and equipment. Awareness of the presence of a high voltage electrical field allows the user to take additional precautions against accidental contact with energised equipment. The LOOKOUT Voltage Detection Network provides an early warning of the proximity of potentially hazardous high voltage electricity and equipment. The detector lights will change colour from green, amber and red, will spin and a buzzer will sound when an electrical field is detected and will continue to spin for as long as the electric field is present.



Features:

- Adjustable sensitivity based on system voltage from 4kV up to 500kV via the LOOKOUT App
- Accessory brackets available to mount on cones, hang on fences or poles to surround a work area
- Magnetized to mount directly on equipment
- Waterproof housing for use in any weather condition
- Powered by rechargeable Li-ion battery
- Battery life is up to 2 weeks in Monitor mode and up to 8 hours in Alert mode





V-WATCH Personal Voltage Detector

- A loud alarm and bright flashing lights that are both directed upwards toward the user for high awareness and visibility
- A slim housing with built in lanyard, offering a compact and lightweight solution
- Automatic self-test when the unit is activated for detection of voltage
- Rugged design protects against environmental extremes such as water, dust and temperature
- Voltage range 2.4kVAC and above

WATCHMAN Work Area Voltage Detector

- Detects electric fields surrounding high voltage conductors and power distribution equipment
- Provides an extra level of safety
- Visually alert to the presence of an electrical field by spinning red LED indication
- Provides a "heartbeat" pattern to indicate it is actively checking for the presence of high voltage electric fields
- Powerful neodymium magnetic base for easy mounting
- Voltage range 4kVAC - 765kVAC



DVM-80-UVM Universal Digital Voltmeter

- High accuracy dual stick voltmeter and phasing set with capacitive test point mode and peak hold
- 5V – 80kVAC range
- Digital display
- Accurate and repeatable to within 1%
- Verify a conductor is de-energised prior to earthing
- Comes with proving unit

Milwaukee 18V Power Tools



M18 SDS Plus Drill 32mm/26mm

CAT NO: 4933478497(32mm) / 4933478505(26mm)



M18 Brushless Percussion Drill

CAT NO: 4933464518



M18 Fuel Super HAWG 1/2" Right Angle Drill

CAT NO: 4933471207



M18 SAWZALL Recip Saw

CAT NO: 4933447290



Equipped with a **QUICK-LOK™** chuck, providing faster and easier bit changes. Eliminates the need to take multiple tools to the job.

M18 ONEFHIWH716-502X HEX UTILITY HIGH TORQUE IMPACT WRENCH

CAT NO: 4933479406

M18™ CORDLESS SYSTEM

The MILWAUKEE® M18™ cordless system represents the ultimate synergy of professional grade power, light weight, extreme performance and superior ergonomics. Focused on improving productivity for professionals in the trades, MILWAUKEE® offers more than 215 performance-driven solutions that are fully compatible with the M18™ family - the fastest growing 18V cordless system on the market.



M18 FUEL - DRIVEN TO OUTPERFORM

M18 FUEL™ is engineered for the most demanding tradesmen in the world. Delivering unrivalled performance in a compact structure, all M18 FUEL™ products feature three MILWAUKEE®-exclusive innovations.

TWO SYSTEMS, ONE CHARGER DUAL COMPATIBILITY

Coupled with our dual platform battery charger, our M12™ and M18™ systems provide maximum productivity on the job with over 300 solutions.





Milwaukee 12V Power Tools



M12 Fuel Digital 1/2" Torque Wrench

- Milwaukee Tool's first digital torque wrench, delivers up to 50% faster installation by replacing the hand tool
- Provides 16.9 - 203.4 Nm of torque range and accuracy within $\pm 2\%$ for torque critical fasteners
- Faster, more productive torque reporting with ONE-KEY™ providing torque data and customisable reports for inspectors or owners
- Adjustable run-down torque to control the tools output torque via the motor to prevent over torque
- Four measurement modes (ft-lb, in-lb, Nm, Kg-cm) and 15 available presets
- Four notification modes that the tool is reaching, meeting or exceeding the torque target (audible, LED, LCD, and vibratory)
- Flexible battery system: works with all MILWAUKEE® M12™ batteries

CAT NO: 4933464971



M12 Hydropass Water Pump

- HYDROPASS™ unique filter system, prevents blocking of the inlet and allows the user to pump water at all times, regardless of the debris encountered
- Pumps more than 2000 l/hour and up to 1000 l on 1x M12™ 6.0 Ah battery, perfect for emptying trenches, storm drains, outside meter boxes, rain barrels and various other applications
- Submersible up to 85 cm, allows users to easily pump large puddles of water with a max head height of 4.5 m
- 3/4" BSPT thread outlet allows for connecting 19m m (inner diameter) hoses for maximum volume movement
- This pump is suitable for, white, grey and black water only
- Premium 4-pole brushed motor, REDLITHIUM™ battery pack and REDLINK™ electronic delivering the needed power, run time and durability

CAT NO: 4933479639

MORE 12V TOOLS AVAILABLE. CONTACT US WITH ANY ENQUIRIES

M12™ CORDLESS SYSTEM

More than 95 unique solutions make the M12™ family the largest sub-compact cordless system on the market.

Built for the professional, each M12™ product delivers the durability users have come to expect from MILWAUKEE®. Whether it is the M12™ Heated Jackets, designed with a new inner lining material that optimises heat transfer to the user, or the M12 FUEL™ HATCHET™ pruning saw delivering outstanding control & access, MILWAUKEE® is committed to designing products with features that will protect the user's investment and stand up to the toughest jobsite conditions.



Milwaukee MX Fuel



When more power is needed. A range of tools from breakers to full site lighting. Contact us for more information.

Milwaukee Lighting



A full range of Milwaukee lighting products is available. Contact us for more information.



Euro PowerMaster Extension

The Euro PowerMaster Extension ladders are stronger than any other fibreglass ladders in the market, featuring a unique Strongbox construction.

The TerrainMaster provides outstanding stability, eliminates lateral twist and sideways movement. Levels, stabilises and provides unprecedented safety when working on uneven ground.

The Branach D Rung provides stability and comfort when working at height, and its non-slip surface ensures safety in all weather.

- Fibreglass stiles
- Electrically safe
- Lightweight and easy to position
- Outstanding durability
- Dramatic reduction in sway and twist
- All-weather resistant
- TerrainMaster maximises grip and stability on uneven ground

Fibreglass Extension Ladder

Extension Ladder

The non-conductive Branach FEU ladder series exceed the requirements of the latest EN131 standard due to the introduction of the Terrain Master Stabilising and Levelling System.

This standard was updated to implement higher degree of stability in ladders, particularly with regard to sideways movement at the top of the ladder and slippage at the base of the ladder where accident statistics reveal these to be common contributory factors. Increasing the width of the ladder base makes climbing them more stable and safer for the user.

Under the latest standards there is a specific engineering formula which calculates the minimum base width relevant to the height of the ladder. The Branach FEU ladder series not only complies but exceed this standard due to the introduction of the Terrain Master Stabilising and Levelling system. The Branach FEU ladder series has been rigorously tested as per BS EN 131-1:2015 & BS EN 131-2:2010+A2 2017 and independently certified by an accredited third party.

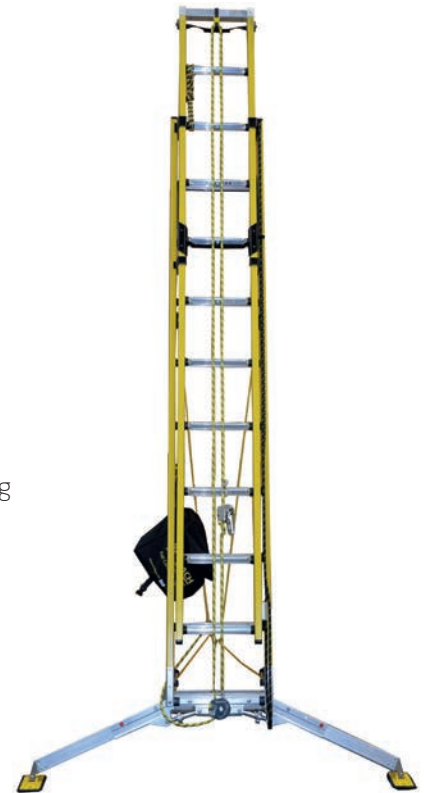
Terrain Master

Developed to meet the new demanding environment at the workplace and latest standards requiring higher levels of ladder stability. Terrain Master stores in a compact format to suit existing vehicle roof racking systems and quickly deploys ready for use.

With the ability to cater for uneven terrain there are no requirements to dig out or chock the ladder footing, saving time and enhancing safety. Terrain Master greatly increases the base width of the ladder and exceeds the requirements for EN 131-1: 2015. Importantly the extra spread provides sideways stability for the ladder system. Large feet prevent sinking into soft ground, articulating to accommodate various ground conditions.

Tether System

A simple, easy to deploy tether system exclusively from Branach gives unprecedented stability and tie off. Pulling inwards and downwards it prevents slip back and fall back, providing a secure connection to the structure. The tether system stores within ladder and is always available when required during set up. Deploys quickly and easily around any structure and, with the correct attachment anchors, any situation can be accommodated from soft ground, timber, concrete, brick work etc.



Fall Control System

Extension Ladder with Fall Control

Provides the highest level of protection for the worker ensuring they are safe from the moment they leave the ground, throughout access and egress to and from the work area. In the event that the user separates from the ladder, due to a fall or other emergency, the innovative life line and fall arrest system will activate preventing further injury. An integrated rescue system allows operation from the ground by a second person eliminating the need for further rescue equipment or for the rescuer to climb the ladder.

- The worker is safe from the moment they leave the ground
- The stability system works from the ground up
- Fall control system stems from the increased base of support
- The ladder is secured with an integrated tether system
- Integrated rescue by second user from the ground
- Allows workers to work from the ladder with both hands comfortably and safely
- Meets and exceeds compliance and international standards
- Design fit for purpose, critical piece of climbing equipment
- Periodic inspection schedule recommended
- Available in extended lengths 3.9m, 5.1m, 6.3m, 7.5m and 8.7m
- Load rating 150kg



Features

- | | |
|--------------------------------|---|
| 1 Cross Bar and Upper Pulley | 7 Rope Bag |
| 2 Rung Work Position Hook | 8 Vertical Lifeline (configured for rescue) |
| 3 Non-slip Rungs | 9 Lower Tether Hooks |
| 4 Tether Tensioner | 10 Level Bubble |
| 5 Box Rail Rung Joining System | 11 Descender |
| 6 Tether Rope | 12 Extra Wide TerrainMaster |

EuroMaster All Terrain Step Platform

Individual adjustable legs offer the convenience and stability that users and safety experts have been asking for and it meets the EN 131-7 standard.

- Complies to EN 131-7
- Both legs deploy and extend independently to 1.3 metres allowing safe work on uneven ground or rough terrain
- Lightweight and durable yet load rated to 150kgs
- Integrated front and rear safety rail situated at 0.96m above the deck
- Step covers and equal step distance ensure safe access and egress
- Legs fold within profile making transport an manual handling stress free
- Fibreglass construction so workers are isolated from the ground making the product suitable for electrical work
- Unique construction allows for quick action set up, portability, and easy storage



T3 is the top rung adaptation of the ladder to allow the use of certain additional accessories.

Davit Arm System Kit DA

The Davit System is a fall protection device that attaches to the T3 top attachment. It provides fall protection for workers using ladders who are at risk of falling while accessing, egressing, or working on top of a structure. The system maintains fall protection at all times. It allows for a 2-metre work area radius when working on top of a structure, ensuring workers are always protected from falls. The attachment is easy to install and use, providing a secure and stable ladder to work from.



Stand-off Wall Mounts SA

The Stand Off Wall Mounts for the T3 top attachment allows for a stand-off distance from the wall of up to 400mm. This can be useful for a variety of tasks, point of attachment work, where it may be necessary to maintain a distance from the wall to avoid damage or to provide better access to the work area. The Stand Off Wall Mounts are designed to be easily attached to the T3 top attachment, providing a secure and stable work area for the user.



T3 Hoist TJ

The Hoist is a modular T3 attachment that provides a simple and safe delivery solution for ascending and descending tools and parts to those working at height. The attachment is designed to easily attach to the T3 top attachment, allowing workers to transport tools and parts easily and safely to their work area without the need to carry them by hand. This can greatly reduce the risk of accidents and injuries, and make it easier for workers to perform their tasks efficiently and effectively.



Small Pole Strap

The Pole Strap is attached to the top of the fly section to allow the ladder to be placed securely against a pole. Made with a tough polyurethane rubber pad sown to heavy duty nylon web. The common alternative is the Pole Chain.



Never Let Go Tool Tethering & Storage

NLG (Never Let Go), A robust range of drop prevention equipment, designed to perform in the harshest environments. All items are serial numbered, third-party tested and CE marked.



Tether Tape (5kg)

CAT NO: 101355

Small D Ring Large D Ring

CAT NO: 101361

CAT NO: 101362



Tether Loop (3kg) 150mm

CAT NO: 101381



Tether Ring (1kg) 38mm

CAT NO: 101275



Mini Retractable Tool Lanyard

CAT NO: 101480



Coil Tool Lanyard

CAT NO: 101370



Bungee Lanyard

CAT NO: 101372



Wristband

CAT NO: 101365



Belt Loop

CAT NO: 101366

BiLock Anchor

CAT NO: 101362



Ascent Bucket

40cm (H) x 37cm (D)

CAT NO: 101360



Tall Tool Bag

40cm (H) x 20cm (W) x 10cm (D)

CAT NO: 101492



Tool Holster

40cm (H) x 37cm (D)

CAT NO: 101470



Aero Pouch

25cm (H) x 20cm (W) x 10cm (D)

CAT NO: 101400



Linesman Bag

35cm (H) x 30cm (W) x 10cm (D)

CAT NO: 101421



MEWP Bag

37cm (H) x 45cm (W) x 15cm (D)

CAT NO: 101423

Tools for linemen designed by linemen. MADI's innovative range of line tools make the job easier and more efficient to complete.



Slot Socket™ Plus

Multi-use wing nut and eye bolt type clamp applications.

CAT NO: SS-2



SCAN ME

Claw Milled Lineman Hammer

Large milled-face head for driving lag screws and J hooks, this new Madi hammer features a claw end that's perfect for removing ground wire and molding.

CAT NO: CMLH-1



SCAN ME



MADI Transmission Bell Separator with Staple Remover

3 tools in 1: wedge end easily to push cotter pin back to separate bells, integrated stapler remover to easily dig out flush to sub-flush staples. Forged steel for maximum durability and long life. Non-slip rubber grip for comfort and shock absorption. Hang hole for easy bucket storage.

CAT NO: BSSR-1



MADI LED Head Light

The new MADI LED Light works with or without Flash Shields. It works with all shields, full view in front, no back light blinding others. It features 4 settings – high, low, spot and off. 450 lumens & 20 hours of runtime, waterproof – IP65 & lightweight. Works off 4 double AA batteries. Fire-retardant strap, wire cover and 4 clips included. Comes with a storage bag.

CAT NO: HL4AA

Deviner

The Ultimate Vine Removal Tool

MADI has introduced the **DEVINER**, a vine removal utility tool that offers a quick and efficient way to safely remove vines and other vegetation away from power lines. Vines and other vegetation can cause serious power outages and service interruptions.

The **DEVINER** is constructed of fiberglass reinforced nylon for maximum strength and safety and has an aluminum base for a strong secure fit. This tool is lightweight, non-conductive, corrosion resistant, and works with ALL universal tool fittings found on hot sticks.

In addition to removing vines, it also works great for hooking tag lines, breaking ice, removing tree limbs, clearing vegetation at the pole base of a transmission tower, fishing down wires from trees and removing vacant bird nest debris.

Main Features:

- Two-prong angled tapered design for quick vine removal in tight spaces
- Fiberglass reinforced nylon is non-conductive and lighter weight for less fatigue
- Has been dielectric tested and certified for 72,000 volts
- Less than 1 lb.
- Works with all universal tools
- Aircraft aluminum base for strong secure fit

CAT NO: CMLH-1



BrushBlade™ Lineman's Knife

The BrushBlade™ Lineman's Knife maximizes safety while being easy to open with gloves on.

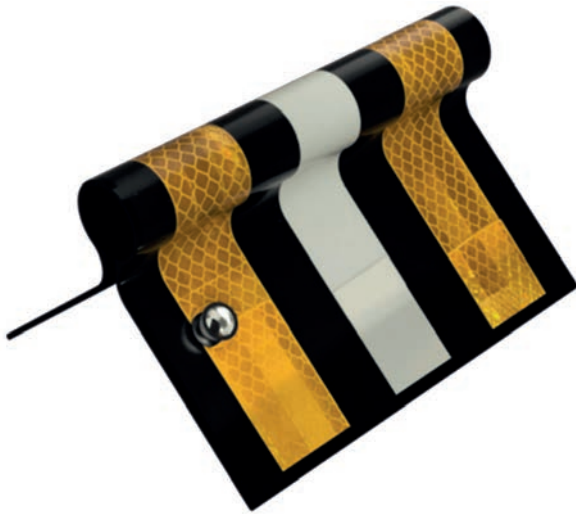
Main Features:

- Integrated replaceable wire brush for cleaning conductors to make better connections. Available here.
- Brushes up to 1000 MCM Conductor
- High Grade Stainless Steel for Maximum Durability and Sharpness
- Blade locks in open position and can be closed when not in use
- Blunt tip blade
- Over Molded Comfort Handle for Superior Grip

CAT NO: CMLH-1



Power protection products have to physically stop animals, trees, and other environmental factors from interfering with the grid. For this to work, an effective design must take the environment into consideration. Accordingly, effective power protection is effective wildlife protection.



Bird Flight Diverter

Our patented bird flight diverters provide maximum visibility in low light conditions and from all angles – supporting research proving that visibility in low light is the most important aspect in preventing collisions. Two sizes available.

CAT NO: BFD



Cut Out Cover

Adjustable snap-fit clip provides tight universal fit without any pins or clamps. Design fully covers arcing horns to prevent electrocution as well as top portion of the cutout, allowing insulator skirts to naturally clean. UV resistant. Secure in high winds (>85 mph) for sustained periods.

CAT NO: CT-D02



Bushing Cover

Hotstick compatible eye-screw adjusts to the size of the bushing for a tight and secure fit. Design covers energized portion of the insulator, allowing insulator skirts to naturally clean. Mechanical hinges provide enhanced durability. Dimpling is removable for infrared inspection. Compatible with distribution transformers, capacitors, potheads and primary metering.

CAT NO: BC-D01



Pole Cover

Our extra-large Pole Cover has a smooth, glossy exterior - disrupting the natural pole texture. It prevents animals from causing damage and impedes their ability to scale the pole. Smooth on the outside, it is the only wrap with an orange-peel-like textured interior to help prevent accelerated pole rot. Durable but lineman-climbable, it has 30" of coverage and has dielectric properties. Also available in grey.

CAT NO: PW



Raptor Guard

"X" shape isolates energized danger zones and deter perching, as proven by live flight cage raptor tests conducted in collaboration with the Rocky Mountain Raptor Program. Multiple attachment methods available.

CAT NO: RG

Developed for applications where conductors or other equipment require insulating from adjacent structures or where there is the possibility of plant coming into contact with live overhead lines, our silicone line shroud acts as an extra level of safety on or around energised equipment.

Available in a range of diameters from 9.53mm to 38.1mm, silicone line shroud is supplied in coils of 7.62m to 15.24m or can, by request, be supplied in pre-cut lengths. With a dielectric strength of 35kV this product lends itself to many applications on OLE Rail infrastructure.



With the use of specialist tooling the split tube can be applied and installed onto conductors from the ground. It collapses on itself maintaining its electrical integrity.

Tear-resistant long life vulcanized silicone with overlapping slit to enhance ease of installation on existing conductor. Pliable at high and low temperatures. Flame and arc resistant.



CAT NO	LENGTH	INTERNAL DIAMETER	SYSTEM kV
LH-038-50	15.24m	9.53mm	35kV
LH-063-50	15.24m	15.89mm	35kV
LH-075-50	15.24m	19.05mm	35kV
LH-100-25	7.62m	25.4mm	35kV
LH-125-25	7.62m	31.75mm	35kV
LH-150-25	7.62m	38.1mm	35kV

Tools

CAT NO	DESCRIPTION
LHT-038	Live line pole compatible installation tool for LH-038
LHT-063-075	Live line pole compatible installation tool for LH-063 and LH-075
LHT-100-125	Live line pole compatible installation tool for LH-100 and LH-125
LHT-150	Live line pole compatible installation tool for LH-150
LHT-HT-U	Live line pole compatible universal holding tool for all line hose installation

Orange canvas tool bags designed with highest quality British Standard materials used by the military and emergency services, providing a durable bag that is designed to last. Developed with Western Power Distribution, the tool bags offer a variety of different attachment options, all conveniently placed for the linesman to access their tools. The bright orange colour allows the buckets to be easily identifiable and are used to help identify tools that are being utilised for working on live low voltage systems.

Features

- Loops for tool tethering and pockets for secure tool storage
- Removable internal divider
- Multiple options for bucket attachment - eyelets, loops and external belt loop
- Tool buckets can be secured to wood poles using the velcro adjustable pole belt - Range 200mm-450mm diameter
- Plastic Hooks provided for attachment to MEWP buckets



CAT NO	DESCRIPTION	DIMENSIONS
ROTB	Round Orange Tool Bag with Dividers / Internal Loops	28cm (H) x 26cm (Dia)
OVOTB	Oval Orange Tool Bag with Internal Loops and Plastic Rigidity Plates	22cm (H) x 21cm (D) x 34cm (W)
ROSB	Round Orange Shrouding Bag	30cm (H) x 23cm (Dia)
V130	Orange Webbing Pole Belt for Pole Attachment - 200mm-450mm dia	129cm (L) x 5cm (W)
LVM-BH	PVC MEWP Bucket Hooks (Supplied as a Pair)	15mm Dia

The "No-Twist" Telescopic Rod is designed and manufactured by Hastings Fibreglass, the originators of Telescoping Hot Sticks.



The unique triangular design ensures the rods can be erected speedily whether being used for fusing, switching and tree cutting operations or to apply ropes to pole tops for use with "First Man Up" equipment. As standard the rods are supplied with the universal fitting and hook.

HV Range

TEL-O-POLE II, The No-Twist Stick

- Triangular shape - enables each section to lock in automatically. No twisting required to lock sections together
- High visibility - fluorescent top section is highly visible and has a foam core
- Extra reach - standard models reach to 30ft, 35ft or 40ft
- Shorter rods - designed for engineers to fit in smaller vehicles
- More versatile - use only the number of sections required to perform each job
- For reduced height simply depress the lock button and slide the bottom section off - this allows for a lightweight tool to perform the work task more easily
- Easy disassembly for cleaning and maintenance - no tools are required for disassembly
- Ergonomic design - allows the operator a more positive grip for greater control
- Easy maintenance - all sections have a smooth glossy surface for routine cleaning and waxing
- Dielectrically tested - each section is tested to 100kV per foot
- HV-208 only 27 inches long when retracted - excellent for use from bucket truck



Universal fitting head supplied as standard



Intermediate sections with large buttons for ease of use with or without gloves



Bottom section has rubber base cap which cushions and protects the fibreglass

CAT NO	EXTENDED LENGTH	RETRACTED LENGTH	WEIGHT	NO. OF SECTIONS
HV-208	8' (2.43m)	27" (0.69m)	1.4kg	5
HV-220	21' (6.43m)	62" (1.58m)	2.92kg	5
HV-225	25' 6" (7.8m)	64" (1.63m)	3.68kg	6
HV-230	30' (9.14m)	66" (1.67m)	4.55kg	7
HV-230S	21' (6.4m)	52" (1.32m)	3.8kg	7
HV-235	35' (10.67m)	68" (1.72m)	5.5kg	8
HV-235S	25' (7.62m)	53" (1.34m)	4.85kg	8
HV-240	39' 6" (12m)	69" (1.75m)	6.5kg	9
HV-240S	29' (8.84m)	54" (1.37m)	5.78kg	9

For nylon head in place of universal head add 'SP' to catalogue number. eg HV-230-SP.



HV-208

Accessories

CAT NO	DESCRIPTION
TEL-AD	Adapter to convert universal fitting to accept standard pole heads
B70X4RW2P	Storage bag with 2 pockets for HV-230, HV-235, HV-240 & MV Range
B56X4RW2P	Storage bag with 2 pockets for HV-230S, HV-235S & HV-240S



TEL-AD

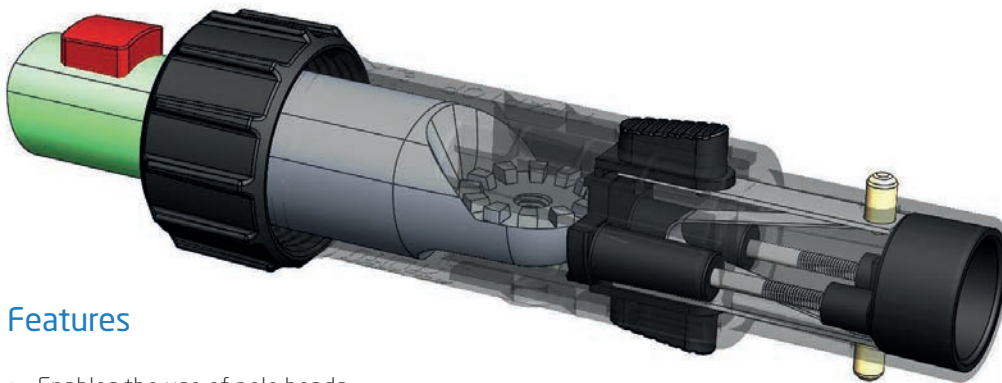
T-RAPTOR - Telescopic Rod Adaptor

The T-RAPTOR has been specifically designed and developed to allow the use of pole heads with both a "universal fitting" and a traditional "two pin sectional rod fitting" to be used with Hastings Telescopic Poles.

The universal fitting is the type used originally in North America, but is now common around the world and there are many tools and instruments that are manufactured with this fitting.

In the UK Rail and Electrical Utility industries historically the two pin fitting has been used on the top of the sectional rods with earthing applicators, fuse pullers, instruments and other tools having the corresponding two holes that fit over the pins.

Until now the Hastings rods have generally been supplied with a metal adaptor with a split pin and chain to allow two pin fittings to be used on the Hastings Telescopic pole. The T-RAPTOR will provide a better fit for UK type pole heads whilst reducing the amount of exposed metal work at the top of the pole.



Features

- Enables the use of pole heads with "universal" or "two pin" design to be fitted easily to Hastings Triangular Telescopic Rods
- Strong moulded plastic construction
- Non-conductive – reduces exposed metal work at the top of the pole. Negates risk of flashover
- Angled and tapered buttons have been designed to enable operation using minimum effort





MV Range

Triangular Operating Rod with Measurements

This heavy-duty operating rod features metric scale measurement graduations for eye-level reading. Graduations are silk-screen printed directly on the fibreglass sections and will not chip or peel. The surface is then re-coated with a hard, high-gloss epoxy finish. Measurements are printed in large, easy to read numerals.

The MV range enables users to operate switches and fuses, perform tree-cutting operations and measure heights and clearances.

Note: The MV range is a triangular "No-Twist" stick.

CAT NO	EXTENDED LENGTH	RETRACTED LENGTH	BASE DIAMETER	WEIGHT	NO. OF SECTIONS
MV-25	25' 7" (7.8m)	5' 4" (1.63m)	48.5mm	3.7kg	6
MV-30	30' 2" (9.2m)	5' 6" (1.68m)	52.5mm	4.5kg	7
MV-35	34' 9" (10.6m)	5' 7" (1.72m)	56mm	5.5kg	8
MV-40	39' 4" (12m)	5' 9" (1.75m)	60.4mm	6.5kg	9



Accessories



CAT NO	DESCRIPTION
B70X4RW2P	Storage bag, 70" long, with 2 pockets for HV230, HV235, HV240, MV30, MV35, MV40, M35, M40, M50.
B56X4RW2P	Storage bag, 56" long, with 2 pockets for HV230S, HV235S, HV240S.



M Range

Round Measuring Stick

The 'M' range of measuring sticks is ideal for fast and accurate measurements of overhead lines, structures, bridges and transport carriers.

- Lightweight construction and easy to use
- Measure heights up to 15m
- Eye level reading - no calculations required
- Positive locking buttons, spring-loaded, fast, accurate and easy to extend
- Plastic hook on tip section
- Large red printed graduations
- Storage bag available for all models

CAT NO	EXTENDED LENGTH	RETRACTED LENGTH	WEIGHT
M-25	24' 7" (7.5m)	5' 5" (1.67m)	1.45kg
M-35	34' 5" (10.5m)	5' 5" (1.67m)	2.66kg
M-40	39' 4" (12m)	5' 5" (1.67m)	3.4kg
M-50	49' 2" (15m)	5' 9" (1.76m)	6kg

Wireless Inspection HD Camera Kit

Our lightweight Wireless Inspection HD Camera Kit is completely weatherproof and is supplied with adaptors to fit either sectional operating rods or telescopic rods allowing remote inspection up to 12 metres.

The camera can be operated via a smart phone or tablet which then displays the images on screen and allows the operator to switch between video or still shots. This offers greater functionality and control ensuring that the highest quality imagery is obtained. The kit also includes a multi-function POV LED light for use at night or in poor visibility.

Possible Applications Include:

- Inspection of OLE Network
- Pantograph inspection
- Transformer identification
- Switch inspection
- Vegetation management
- Inspection of structures such as bridges, gantries, building roofs and gutters

Overview of Specifications:

- 12 megapixel HD camera
- Wi-Fi connectivity for use with compatible smart phone or tablet
- Up to 4k video, wide angle. Settings can be changed to suit conditions
- Wireless viewing up to 100 metres (line of sight)
- Storage media is Micro SD card, 64GB. Allows 4 hours video recording or 9500 photos at 12 megapixel
- Imagery can be viewed and transferred wirelessly

The Inspection Camera Kit Consists of the Following:

- 1 x GoPro Hero HD camera unit
- 1 x Adaptor to fit universal rod
- 1 x Nylon adaptor to fit top section rod
- 2 x USB data & charge cable
- 1 x Genuine GoPro 240V charger with twin outlet
- 1 x POV LED light
- 1 x User manual
- 1 x Camera and accessory storage bag
- 2 x Genuine GoPro Li-Ion batteries
- 1 x 64 GB Micro SD memory card



CAT NO	DESCRIPTION	PADS NO
GP-WICK	Wireless Inspection HD Camera Kit	0111-110836

Dial Type Dynamometers

TM-10



TM-20



TM-30



Compact, lightweight, rugged construction - designed for line work. Graduated in kN. Accuracy $\pm 3\%$ full scales. Both pulling eyes rotate 360° . Optional maximum reading indicator pointer kit available. Optional, easily installed screw-on face with twin steel protective bars also available. Each tool is serial numbered and supplied in a heavy duty fabric case with calibration certificate. Available from 5-100kN capacity.

CAT NO	TM-5	TM-10	TM-20	TM-30	TM-50	TM-100
CAPACITY	5kN	10kN	20kN	30kN	50kN	100kN
WEIGHT	0.9kg	1.0kg	1.1kg	1.9kg	2.6kg	6.0kg

Conductor Grips (Come-Alongs)

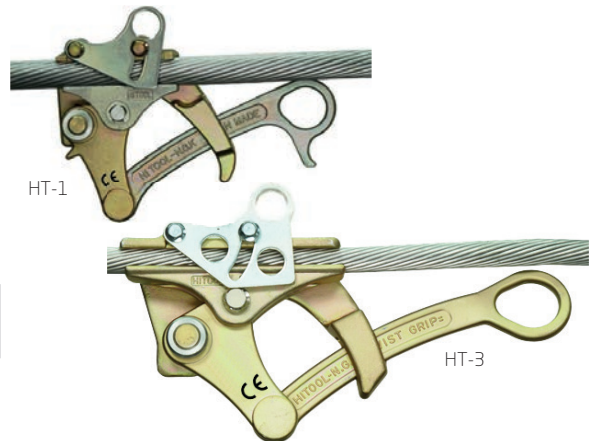
Bare Al, Cu & ACSR Grip

A versatile, lightweight grip for bare Cu, Al & ACSR.

HT-1 - this one grip can replace three grips from other manufacturers.

HT-3 - for larger conductors, this grip covers a wide conductor range whilst being significantly lighter than the competition.

CAT NO	CONDUCTORS	WLL	WEIGHT
HT-1	25mm ² to 100mm ² AAAC & ACSR 16mm ² to 125mm ² HD Copper	1600kg	1.5kg
HT-3	175mm ² to 300mm ² AAAC 150mm ² to 200mm ² ACSR	4120kg	4.7kg



Premium Grip

Combining the extensive range taking capacities of the HT-1 and HT-3 this grip offers an alternative for medium sizes of conductor. Offering a longer jaw length than the HT-1 with a greater working load limit.

CAT NO	CONDUCTORS	WLL	WEIGHT
HT-1M	50mm ² to 175mm ² AAAC 50mm ² to 175mm ² ACSR 32mm ² to 150mm ² HD Copper	2000kg	1.9kg



Staywire Grip

Easy to apply, lightweight grip for standard staywire range.

CAT NO	STAYWIRE	WLL	WEIGHT
HT - STAY	7/3.25mm & 7/4mm	2245kg	1.7kg

In addition to grips for bare conductors, covered conductors and stay wire we are able to offer grips for ABC and other specialised conductors that have all the common features of Hi Tool Grips - lightweight, range taking and easy to apply.



ABC Grips

Versatile, lightweight grips for ABC. Featuring trigger grip as standard.

CAT NO	ABC CONDUCTORS	WLL	WEIGHT
HT-ABC-S	2 x 35mm ² to 2 x 50mm ²	500kg	0.6kg
HT-ABC-M	4 x 35mm ² to 4 x 95mm ²	850kg	2.4kg
HT-ABC-L	4 x 95mm ² to 4 x 120mm ²	850kg	2.6kg

Covered Conductor Grips

Lightweight grips for common sizes of BLL and PVC covered conductors.

CAT NO	CONDUCTORS	WLL	WEIGHT
HT-2	50mm ² , 120mm ² & 185mm ² BLL	2245kg	2.4kg
HT-1M	25mm ² to 160mm ² PVC Covered Conductor 50mm ² to 120mm ² BLL Conductor	2000kg	1.9kg



Special Features



Grip for use with Hot Sticks

Selected grips available for hot stick working, includes spring-loaded latch, hot stick ring and notched handle.



Twist Grip

Patented twist grip handle available on selected models. Offsets the pulling eye which enables better alignment of the ratchet puller and grip reducing the possibility of distortion and damage to the conductor.



Trigger Grip

Patented one handed "Trigger Grip" operation available on selected models. Allows the tool to be easily placed on to, and removed from, the conductor.

Please contact us for further information on grips for specific conductors

Hacket Hoists (Quad Pawl) Lever Hoist



William Hackett

The William Hackett SS-L5 QP is the first lever hoist to incorporate four-pawl mechanical engagement functionality.

The unique and patented pawl design enhances the capabilities of the hoist allowing all four pawls to engage with the ratchet gear in an offset configuration allowing finer adjustment and tensioning capability while maintaining pawl/ratchet gear engagement. The pawl springs are totally enclosed in the brake chamber and the patented pawl design allows, however unlikely, for both pawl springs to fail and for the quad pawls to maintain full functioning engagement with the ratchet gear making the hoist safer. The SS-L5 QP meets the requirements of international standards: BS EN13157:2004+ A1:2009.

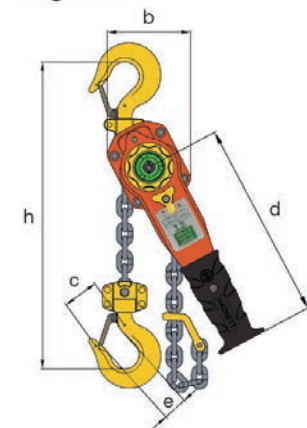
Main Features:

- **LIGHT LOAD CAPABILITY:** the SS-L5 QP is tested and certified at 2% of the lever hoist rated capacity.
- **DABS (DUAL ANTI-LOCK BRAKE SYSTEM):** allows the load chain to be adjusted in freewheel mode without locking the brake.
- **CONSTRUCTION AND DESIGN:** minimises the ingress of contaminants to the internal brake mechanism surfaces.
- **STAINLESS STEEL FIXINGS:** all internal springs, circ clips securing onto the pawl stands, nyloc nuts and socket head cap screws are stainless steel.
- **SINTERED/FUSED FRICTION MATERIAL:** the brake material of the SS-L5 QP is fused directly onto the ratchet gear. This reduces the number of mating faces where there is a potential for ingress of contaminants that could affect the brake performance.
- Grooves cut into the brake material allow water to be displaced from the friction surface.
- **LOAD CHAIN:** the SS-L5 QP only uses fully compliant Grade 8 load chain to BSEN818-7.
- **CORROSION PROTECTION:** the complete brake mechanism of the SS-L5 QP is corrosion protected including the pinion shaft, disc hub, change gear, ratchet gear, pawls, pawl stands and load sheave. In addition the load chain guide, stay bolts and chain stripper are also corrosion protected.
- **HIGH PERFORMANCE WATERPROOF GREASE:** used throughout the SS-L5 QP lever hoist enhancing the corrosion protection.
- **ADJUSTABLE TRAVELLING END STOP:** the uniquely designed travelling end stop of the SS-L5 QP lever hoist allows the operator to position the end stop at any point of the slack section of the Grade 8 load chain. When the lever hoist is in a final rigged position the travelling end stop can be positioned adjacent to the body of the SS-L5 QP. This has the function of preventing the payout of the chain for whatever reason when the next time the lever hoist is operated.
- **OPTIONAL EQUIPMENT:** the SS-L5 QP lever hoist can be fitted with an overload limiter and also hook adaptors to allow any Grade 8 fixing to be fitted to the SS-L5 QP to suit varying applications.



SCAN ME

Single Fall



CAT NO	WLL (Tonnes)	No of Falls	Load Chain (mm)	Standard Lift (m)	a (mm)	b (mm)	c (mm)	d (mm)	e (mm)	h (mm)	i (mm)	NET WEIGHT	EXTRA WEIGHT PER METRE
035.SS.080	0.8	1	5.6x15.7	1.5	146	119	42.0	245	27.0	280	14.8	5.9kg	0.7kg
035.SS.160	1.6	1	7.1x19.9	1.5	164	126	54.5	265	36.0	335	19.5	7.4kg	1.1kg
035.SS.320	3.2	1	10x28	1.5	196	159	60.5	415	42.0	395	24.2	13.7kg	2.2kg
035.SS.630	6.3	2	10x28	1.5	196	218	85.5	415	52.5	540	33.7	26.4kg	4.4kg
035.SS.1000	10.0	3	10x28	1.5	196	298	86.0	415	59.0	680	41.7	40.1kg	6.6kg
035.SS.1500	15.0	6	10x28	1.5	196	420	-	415	80.0	1000	59.0	70.2kg	13.2kg

CPI wedge connectors consist of a spring 'C' body and wedge combined with a 'shear head' bolt and offer a high performance connection that has low resistance, is durable and easy to install. The spring body of the connector will flex and maintain a constant force as thermal cycling causes conductors to expand and contract.

During installation, when the correct spring tension is achieved, the shear head bolt will break off giving the installer a positive indication of a correctly completed connection. If necessary the connector can be removed by unscrewing the bolt.

Features

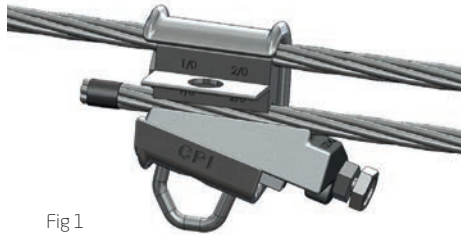


Fig 1

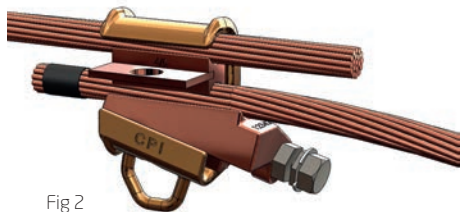


Fig 2

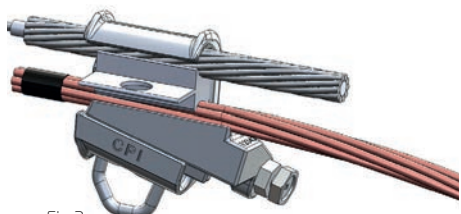


Fig 3



Fig 4



Fig 5

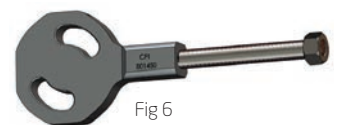


Fig 6

- Utilises the industry proven wedge connecting principle and is quick and easy to apply using only a spanner, ratchet wrench or impact wrench.
- The spring like qualities of the 'C' body ensure permanent connection and maintains consistent pressure on the conductor.
- Can be used easily for live line connections using hot sticks.
- High conductivity grit type corrosion inhibitor is factory applied for ease of installation and longevity while the connector is in service.
- Meets or exceeds the current carrying capacity of the conductors being connected.
- Easy to remove and reuse without damage to the conductor.
- Full range of sizes available to accommodate all combinations of conductor and tap.
- Available in aluminium body (fig 1) with high conductivity aluminium alloy interface or copper and bronze alloys (fig 2) with pure copper interface and can be tin plated for bi-metal connections (fig 3).
- Bail type wedge connectors (fig 4) are used to protect the main line conductor from damage and arcing when hot line clamps are used in live working applications. Bail type wedge connectors are extremely beneficial where quick and easy disconnections and reconnections are required.
- Copper bail or whole connector can be tin plated for bi-metal applications.
- Available as a pad tap connector (fig 5) for fixing NEMA standard fittings such as paddle stirrups, for ease of making live line connection using hot line clamps.
- Paddle stirrups (fig 6) are of bi-metallic construction allowing connection between aluminium components and bronze hot line clamps or other copper/bronze connectors.



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