



All Round  
Supplies®

Image: ausgrid.flickr

# Specialised Utility-Workers' Tools



# TOOLING CATALOGUE

All Round Supplies is your one-stop specialist distributor for all the materials an electrical contractor needs. We carry an extensive range of utility-approved products for use on electrical infrastructure networks across Australia.

Our range of products make it easy for you to complete your overhead or underground project saving you time and money. We are committed to providing you with the best products, brands and service from many of the world's leading manufacturers.

All Round Supplies has a branch network covering Sydney (Prestons), Nowra and Newcastle (Beresfield), each staffed with industry specialists that understand your needs and are waiting to help.



# TABLE OF CONTENTS

LV ABC tools	<b>5</b>
Cutting tools	<b>8</b>
Knives	<b>11</b>
Insulated tools	<b>12</b>
Linesman's tools	<b>15</b>
Hotstick & attachments	<b>18</b>
Tool bags	<b>19</b>
Cable preparation tools	<b>22</b>
Stages of cable preparation	<b>23</b>
Tension & stringing	<b>30</b>
Test & measuring	<b>32</b>
URD tools	<b>36</b>
Pit lid lifters	<b>37</b>
Crimping tools	<b>40</b>
Crimping dies	<b>44</b>
Cable laying tools	<b>46</b>
Mandrels & cleaners	<b>47</b>
Cable rolling guides	<b>48</b>
Earthing tools	<b>52</b>
L2 ASP tools list	<b>58</b>



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# THE WORLD'S LEADING BRANDS

You don't compromise on the quality of your work, so we don't compromise on the quality of our tools.

We stock only the highest quality, industry-specialised tools from the leading brands and manufacturers in Australia and around the world.

With over 15 years' experience supplying materials to Australia's power distribution industry, we know exactly what you'll need for each specific job.

Get the professional, industry-specialised tools you need, when you need them, and always at competitive prices.







# LV ABC TOOLS

A selection of the essential items used in the installation of connectors on low voltage ABC conductors.

In this category you'll find the tools required when working on overhead LV ABC conductors, including core separating tools for prying apart the individual phase conductors of the cable, linesman's ratchet spanners used to install IPC connectors and split bolts on overhead lines and submersible fuses in underground applications, as well as a range of wire grips.



**03302**

## INSULATED CABLE TEST POINT

Reusable and insulated, the cable test point is suitable for cable ranges up to 150mm<sup>2</sup>.



**02819**

## CORE SEPARATOR LV ABC TO 4C 95

Core separation tool suitable for low voltage ABC up to and including 4-core 95mm<sup>2</sup>. Comes as two tools joined by rope.



**03301**

## CORE SEPARATION WEDGE

Core separation wedge suitable for low voltage ABC cables up to and including 4 x 95mm<sup>2</sup>.



**02345**

## 2-WAY RATCHET SPANNER - LONG

Ratchet spanner to install insulated piercing connectors (IPCs, TTDs and NTDs) used by linesmen. Reversible ratchet (6 point double-sided hex) with 13mm across flat on one side & 17mm across flat on the other. Overall length 267mm - long handle.



**08417**

## 2-WAY RATCHET SPANNER - SHORT

Ratchet spanner to install insulated piercing connectors. Reversible ratchet with short handle 197mm.




**04367**

### LV ABC GRIP 4X95 – 4X150 ABC

Come-along for conductor range 4x95mm<sup>2</sup> to 4x150mm<sup>2</sup> LV ABC cable. Aluminium clamping blocks, painted steel frame, galvanised steel shackle. Weight 6.3kg.


**04925**

### COME-ALONG 2X16 – 4X35 ABC

Come-along for 2 and 4-core LV ABC cable. Cable OD range 8 to 25mm, eye opening 27x40mm. WLL 5.0kN, weight 0.9kg.


**05487**

### SERVICE CABLE TENSIONER

Service cable tensioner, utilised for tensioning of LV ABC service cables. Able to be locked when loaded, it utilises a compound pulley system with a mechanical advantage of 3. Extended length of 2 metres, working load 400kg.


**08451**

### COME-ALONG 4X35 – 4X70 ABC

Come-along for 4-core LV ABC cable. Cable OD Range 16 to 34mm, eye opening 30x45mm. WLL 12.0kN, weight 2.1kg.


**08467**

### COME-ALONG 4X95 – 4X150 ABC

Come-along for 4-core LV ABC cable. Cable OD Range 28 to 45mm, eye opening 30x45mm. WLL 18.0kN, weight 3.1kg.



# CUTTING TOOLS

A comprehensive selection of tools and knives for cutting through cables, conduit, insulation and more.

From small and medium hand-held ratchet cutters to heavy-duty hydraulic and battery-operated cutters, we've got the tools to get you through any sized cable or PVC conduit. We also stock a great range of knives - many with insulated handles - to make short work of outer sheaths, insulation, wires, harness ties, gauge wires and electrical tape.




**02131**
**CABLE CUTTER RATCHET 400MM<sup>2</sup>**

Gear driven ratchet cable cutter, forged construction and cuts up to 400mm<sup>2</sup> single core copper conductors (not suitable for steel). Length 260mm, weight 1.1kg.


**04476**
**CABLE CUTTER RATCHET 300MM<sup>2</sup>**

Hand cable cutter ratchet for annealed copper and aluminium conductors up to 300mm<sup>2</sup> (maximum 32mm outside diameter).


**02227**
**CABLE CUTTER RATCHET 300MM<sup>2</sup>**

Hand cable cutter ratchet up to 300mm<sup>2</sup> conductor.


**04477**
**400MM CABLE CUTTER RATCHET**

Cable cutter ratchet up to 400mm<sup>2</sup> conductors.


**02878**
**PARROT-BEAK CABLE CUTTER**

Hand operated, parrot-beak style cutter for cable range 6mm<sup>2</sup> to 70mm<sup>2</sup> cables. Length 240mm.


**03851**
**240MM PARROT BEAK CABLE CUTTER**

Hand operated parrot beak style cutter for up to 240mm<sup>2</sup> cables.


**03852**
**500MM PARROT BEAK CABLE CUTTER**

Hand operated parrot beak style cutter for up to 500mm<sup>2</sup> cables.


**02826**
**25MM WIRE CUTTER RATCHET**

Wire cutter ratchet up to maximum cutting diameter 25mm, for ASCR & steel wire.

# CUTTING TOOLS



**06513**

## HYDRAULIC HAND CUTTER

Hand operated hydraulic steel and wire roper cutter. 90° head rotation, range up to 24mm diameter copper, aluminium, ACSR.



**06286**

## BATTERY CABLE CUTTER

Battery operated cable cutter for non ferrous cables up to 50mm in diameter. Weight 2.5kg. Comes with battery, charger and carry case.



**06735**

## BATTERY FOR CABLE CUTTER

Battery cable cutter - battery only.



**04965**

## 48MM CONDUIT CUTTER

Conduit cutter for cutting PVC conduit up to 48mm diameter. Has a unique clutch action which automatically opens the blades once the cut is complete, and a heavy duty ultra hard (HRC 57) stainless steel blade with a unique parabolic profile to increase life.



**08752**

## CONDUIT CUTTER

Ratchet action conduit cutter/shear for cutting PVC conduit up to 63mm diameter. Has 'V' shaped blade to pierce tube for ease of cutting.



**05628**

## 175MM CABLE KNIFE, WOOD HANDLE

Cable knife with a fixed blade and wood handle. 175mm overall length.




**05557**

### TECHNICIAN'S KNIFE

Technician's knife with plastic handle, 65mm hawkbill, locking stainless steel blade.


**03566**

### INSULATED SHEATH STRIPPER

Heavy duty cable sheath stripper (1000V VDE) designed to strip large (no limit) diameter cable e.g. ground cable and multi-sheathed. The shoe type blade tip prevents the inner conductors from being damaged when stripping the different insulating layers. A fully insulated handle allows working on live lines up to 1000V.


**06838**

### HACKING KNIFE

Hacking knife with 115mm blade.


**08473**

### 159MM SPLICER'S KNIFE

Splicer's knife used for splicing wire, cutting harness ties, medium gauge wires, electrical tape and stripping insulation. Tough forged steel and double-plated chrome over nickel to prevent rust and corrosion. Coping-style blade with protective blade sheath and cushioned handle for ease of use & safety.


**02607**

### HACKING KNIFE, INSULATED HANDLE

Hacking knife with insulated handle.


**03182**

### KEVLAR STRING

Insulation cutting Kevlar string for plastic insulated cables. 2 metres in length, yellow in colour.


**02208**

### 230MM BLADES FOR SABRE SAW

230mm metal blades for sabre saw, suits 24V cordless sabre saw and will cut 240mm<sup>2</sup> Cu XLPE cable. Come in a pack of 5.



# INSULATED TOOLS

1000V separators, pliers, cutters, screwdrivers and knives for use by electrician's and electrical contractors when working on live conductors.

Standard tools do not provide electrician's with any protection from electrical shock, and should only be used on un-energized electrical equipment. When carrying out electrical work on exposed energized electrical conductors or circuit parts, insulated tools should always be used. These tools are manufactured to strict standards. A tested and fully approved 1000 volt tool can protect the user against voltages up to 1000 volts.




**02810**
**5MM INSULATED T ALLEN KEY**

5mm allen key driver with insulated 'T' shaped handle. Suitable for popular tee joint style ring connectors and terminal blocks.


**02616**
**3C CABLE CORE TWISTER**

Cable core twister for 3-core 185mm<sup>2</sup> to 300mm<sup>2</sup> bare, insulated.


**02615**
**4C CABLE CORE TWISTER**

Cable core twister for 4-core 185mm<sup>2</sup> to 240mm<sup>2</sup>, insulated.


**02866**
**LINE EXTRACTOR - MALE THREAD**

Line extractor - male thread, insulated.


**02608**
**INSULATED MAXIWEDGE**

Insulated core separator & wedge, ideal for multicore cables when a standard wedge cannot be employed. Made from moulded nylon with a hook-type end. Length 262mm, weight 87 grams.

# INSULATED TOOLS



**02609**

## INSULATED MINIWEDGE

Insulated core wedge designed to aid the separation of cores during jointing. Has thumb and finger grip assists.



**08477**

## HOLDING TOOL

Holding tool for shearoff/mechanical lugs/connectors. Used to avoid twisting while tightening shearoff lugs and/or connectors.



**08822**

## 1000V SCREWDRIVER SET

Insulated (IEC 60900:2004)- SD8SET. Contains Slotted: 2.5x80, 4.0x100, 6.5x150, Tester 140, Phillips 1x100, PH 2x100, Pozidrive 1x100, 2x100.



**08819**

## 1000V SHEAR CUT PLIERS

Insulated handles, Hi-Voltage grips, shear-cut action jaws, a crimper jaw for use with 1.5mm – 6mm non-insulated connectors.



**08821**

## 1000V SIDE CUTTER

Crescent diagonal/side cutter - 5428HV. Insulated handles, solid joint, cutting edge electronically hardened, made from drop forged alloy steel.



**03158**

## CORING KNIFE

Coring knife with curved blade and insulated handle.



**03566**

## INSULATED SHEATH STRIPPER

Heavy duty cable sheath stripper (1000V VDE) designed to strip large (no limit) diameter cable e.g. ground cable and multi-sheathed. The shoe type blade tip prevents the inner conductors from being damaged when stripping the different insulating layers. A fully insulated handle allows working on live lines up to 1000V.



Image: flickr.com/ausgrid

# LINESMAN TOOLS

A huge range of tools and accessories for the electrical linesman.

From ratchet and line tap spanners for installing IPC, HSC and TOC connectors and split bolts, to insulation strippers, core separators, pole steps, AMPACT components, hot stick components, come alongs or 'wire grips', canvas tool buckets and other accessories, this section covers everything required by the electrical linesman.





**02346**

## INSULATION STRIPPER HV ABC/CCT

Cable stripping tool for HV ABC/CCT cable oversheaths and cable insulation from 1.5 to 5.5mm. Cable range from 12 – 32mm. Long life blade and chrome steel components. NB - Not designed to strip mid-span conductor.



**03142**

## 4-WAY LINE TAP SPANNER

4-way line tap spanner to suit B22, B24, B25 and B26 split bolts/line taps.



**02345**

## 2-WAY RATCHET SPANNER - LONG

Reversible ratchet (6 point double-sided hex) with 13mm across flat on one side & 17mm across flat on the other. Overall length 267mm.



**03733**

## LINESMAN'S 4-WAY RATCHET SPANNER

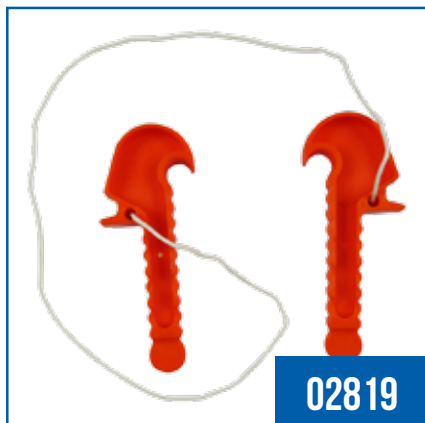
Reversible ratchet (6 point hex) with 17mm, 19mm, 24mm & 30mm across flat sides, for M10, M12, M16 & M20 bolts.



**08417**

## 2-WAY RATCHET SPANNER - SHORT

Reversible ratchet (6 point hex) with 13mm across flat on one side & 17mm across flat on the other. Overall Length 197mm


**02819**
**CORE SEPARATOR LV ABC TO 4C 95**

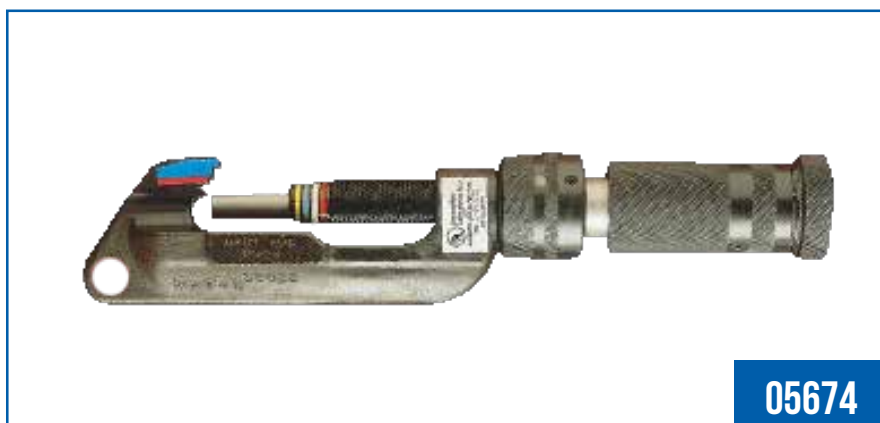
Core separation tool suitable for low voltage ABC up to and including 4-core 95mm<sup>2</sup>. Comes as two tools joined by rope.


**03301**
**CORE SEPARATION WEDGE**

Core separation wedge suitable for low voltage ABC cables up to and including 4 x 95mm<sup>2</sup>.


**04307**
**150KG WOOD POLE PLATFORM**

Pole platform for wood poles, 870mm long x 440mm wide. 150kg Working Load Limit.


**05674**
**AMPACT POWER UNIT**

Includes universal power unit and small head for installing AMPACT red, white and blue coded wedge clamps. Also includes cleaning tool and take-off clips (excludes carry case refer 05678).


**05720**
**LARGE AMPACT HEAD**

Large head for installing Ampact yellow coded wedge clamps. Universal power unit not included.


**05678**
**CARRY CASE FOR AMPACT TOOL**

Plastic carry case for Ampact tool.

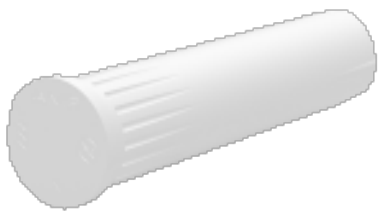

**05370**
**CARTRIDGE - TYPE 81 RED**

Wedge clamp cartridge, Red Type 81 for AMPACT tool.


**05020**
**CARTRIDGE - TYPE 82 BLUE**

Wedge clamp cartridge, Blue Type 82 for AMPACT tool.

# LINESMEN TOOLS



**05156**

## CARTRIDGE - TYPE 83 WHITE

Wedge clamp cartridge, White Type 83 for AMPACT tool



**05012**

## CARTRIDGE – TYPE 84 YELLOW

Wedge clamp cartridge, Yellow Type 84 for AMPACT tool.



**07876**

## J HOOK DRIVER

For installing J-hooks into timber poles. Comes with the ½ inch square drive, spring loaded ball so hook snaps into place.



**07142**

## 12M TELESCOPIC HOTSTICK

Triangular operating and measuring telescopic stick. 12m extended length, 1.8m retracted length. Supplied with storage bag.



**05006**

## SERVICE FUSE PULLER HOTSTICK UNI

House service fuse puller - pigtail type. 'Sunrise' universal attachment for hotstick.



**06375**

## HOTSTICK SERVICE FUSE PULLER

House service fuse puller - pigtail type. Hex attachment for hotstick.



**05460**

## ABS OPERATING KEY HOTSTICK

ABS operating key. 'Sunrise' attachment for hotstick.



**06373**

## HOTSTICK LINK ADAPTOR

Link adapter with hex attachment for hotstick.




**07936**
**DISCONNECT HOOK UNI HOTSTICK**

Disconnect hook, 'sunrise' universal attachment for hotstick.


**07935**
**S HOOK UNIVERSAL HOTSTICK**

S hook, 'sunrise' universal attachment for hotstick.


**06374**
**HOTSTICK LINE CLAMP REMOVER**

Live line clamp remover with hex attachment for hotstick.


**08093**
**PESF FLAG REMOVAL**

PESF flag removal. 'Sunrise' universal attachment for hotstick.


**08615**
**LINESMAN'S OVAL TOOL BUCKET**

Made from green canvas, the linesman's oval tool bucket has 15 internal pockets and comes with rope and a snap hook. 350mm x 150mm x 250mm.


**08620**
**LINESMAN'S ROUND TOOL BUCKET**

Linesman's round tool bucket with 2 external pockets, comes with rope and snap hook. 380mm x 290mm.


**04255**
**LINESMAN'S CANVAS TOOL BUCKET**

Linesman's blue canvas tool bucket.


**08718**
**TOOL POUCH**

Leather tool pouch, 9 pockets with webbing belt.

# LINESMEN TOOLS



**07342**

## SPARKIES POUCH

Sparkies pouch for Flip'n'Grip utility belt.



**07343**

## NAIL GUN HOLSTER

Nail gun holster for Flip'n'Grip utility belt.



**07347**

## GLASSES POUCH/GLOVE CLIP

Glasses pouch or glove clip for Flip'n'Grip utility belt.



**07348**

## DRINK BOTTLE POUCH

Drink bottle pouch for Flip'n'Grip utility belt.



**07349**

## HOLDALL BAG

Flip'n'Grip holdall carry bag.



**04925**

## COME-ALONG 2X16 - 4X35 ABC

Come-along for 2-core and 4-core LV ABC cable. Cable OD range 8 to 25mm. Eye Opening 27x40mm WLL 5.0kN, weight 0.9kg.



**08451**

## COME-ALONG 4X35 - 4X70 ABC

Come-along for 4-core LV ABC cable. Cable OD Range 16 to 34mm. Eye Opening 30x45mm. WLL 12.0kN, weight 2.1kg.



**08467**

## COME-ALONG 4X95 - 4X150 ABC

Come-along for 4-core LV ABC cable. Cable OD Range 28 to 45mm. Eye Opening 30x45mm. WLL 18.0kN, weight 3.1kg.


**04367**
**COME-ALONG 4X95 – 4X150 ABC**

Come-along for conductor range 4x95mm<sup>2</sup> to 4x150mm<sup>2</sup> LV ABC cable. Aluminium clamping blocks. Weight 6.3kg


**05487**
**SERVICE CABLE TENSIONER**

The service cable tensioner is utilised for the tensioning of LV ABC cables. It utilises a compound pulley system with a mechanical advantage of 3 and is able to be locked when loaded. Extended length of 2 metres. Working load = 400kg.


**02641**
**POLE DRESSING STAND TYPE 3**

Pole dressing stand Type 3. 860mm tall, Safe Working Load (SWL) 2500kg. Powder coated and manufactured to Australian Standards. Test Certificate C10920.01.


**02762**
**POLE HOLE COVER**

Hexagonal (brake pressed) pole hole cover. 1000mm x 1000mm with a 50mm diameter hole in centre. Galvanised sheet metal 3mm thick.


**02642**
**POLE DRESSING STAND TYPE 4**

Pole dressing stand Type 4, 600mm tall, safe working load 2500kg. Manufactured to Australian Standards. Test Certificate C10920.02.





# CABLE PREP TOOLS

A full product line of tools for each specific process involved in correctly preparing power cables, including stripping, scoring, cutting and cleaning.

With a focus on performance, reliability and ease of use, our range of cable preparation tools covers each aspect of splicing and terminating a cable, from the accurate stripping of outer sheaths, the scoring and cutting of semi-con and the removal of insulation and other materials to produce a consistent, uniform preparation of cable ends.

# STAGES OF CABLE PREPARATION:

## SHEATH



TOOLS REQUIRED



## SEMICON



TOOLS REQUIRED



## INSULATION



TOOLS REQUIRED



# CABLE PREP TOOLS



02094

## HDPE/PVC SHEATH STRIPPER

Hand held sheath stripper for HDPE/PVC – cuts any shape and any direction, no limit to diameter or length. All metal multi-grip handle can be gripped outside or inside, right or left hand, blade has blunt mushroom head which stops damage to inner core.



08479

## ADJUSTABLE JACKET SLITTER

Adjustable Jacket Slitter (AJS) for slitting cable coverings ranging from soft insulated jackets to high density HDPE up to 6.3mm thick.



08485

## ADJUSTABLE CABLE END STRIPPER

Adjustable cable end stripper with spring-loaded trigger-action jaws, removes outer jacket or insulating material. Cable OD 12.7mm - 63.5mm.



02075

## PLASTIC INSULATION STRIPPER

Plastic insulation stripper (PVC or HD Polythene sheathed CU or AL cables) with outside diameter 14 to 40mm, 11 & 22kV XLPE.



03548

## OUTER SHEATH STRIPPER RATCHET

Tool for stripping the outer sheath from all MV and LV cables. Designed to strip up to 5mm (adjustable) outer sheaths with minimum 25mm outside diameters (longitudinal and circular cuts). Strips without damaging conductor or screen. Designed to strip both ends and in the middle.




**02346**
**INSULATION STRIPPER HV ABC/CCT**

Cable stripping tool for HV ABC/CCT cable oversheaths and cable insulation from 1.5 to 5.5mm. Cable range from 12 – 32mm.


**02879**
**PAPER INSULATION REMOVAL TOOL**

Insulation removal tool for the removal of paper insulation. Application diameter range 13-55mm, length 190mm.


**08483**
**INSULATION CHAMFERING**

Chamfering tool for removing sharp edges at cut-off edges of XLPE cable insulation, prevents damage to slip-on accessories and aids installation.


**07315**
**INSULATION CHAMFER CUTTER**

Insulation chamfer cutter for medium voltage cables with an insulation diameter of 15-60mm.


**08475**
**SEMI-CON REMOVAL PLIERS**

Long flat-nose pliers designed for the removal of semi-con. The pliers are made from drop forged, hardened & tempered steel alloy, and are paired with soft ribbed grips for maximum comfort & durability. Length 152mm.


**03114**
**0.4MM XLPE SCREEN SCORER**

Screen scoring tool for 0.4mm XLPE.


**02074**
**0.6MM XLPE SCREEN SCORER**

Screen scoring tool for 0.6mm XLPE


**08482**
**8 – 45MM SEMI-CON SCORER**

Semi-con scoring tool (SCS) capable of longitudinal, spiral & calibrated square cuts. Blade adjustment from 0-4mm depth. Cable range 8mm-45mm.

# CABLE PREP TOOLS



**04361**

## SEMI-CON SCORER

AV6410 semi-con scorer.



**03347**

## ADJUSTABLE SEMI-CON SCORER

'Banana peeler' designed for length & circumference scoring. Scoring depth 0.025 to 2.286mm, suitable for 19.05 to 31.75mm diameter.



**02084**

## 25 – 500MM SEMI-CON SCORER

Semicon scorer 25mm<sup>2</sup> to 500mm<sup>2</sup> (adjustable blade depth).



**03109**

## HOLDING TOOL

Holding tool for shearoff/mechanical lugs/connectors. Used to avoid twisting while tightening shearoff lugs and/or connectors.



**08477**

## HOLDING TOOL

Holding tool for shearoff/mechanical lugs/connectors. Used to avoid twisting while tightening shearoff lugs and/or connectors.



**03148**

## GAS TORCH ASSEMBLY

Gas torch assembly, includes 38mm burner head, handle and 5m hose.


**06123**
**GAS TORCH HANDLE PIEZO IGN**

Torch handle with Piezo automatic ignition. Gas flow with pressed trigger only.


**06122**
**GAS TORCH NOZZLE 50MM**

Gas torch nozzle, 50mm dia, suits gas torch handle with piezo automatic ignition.


**06121**
**GAS TORCH HOSE 4M HIGH PRESSURE**

Fitted with screw connections for all FH-1630 regulators and handles.


**06960**
**REGULATOR 2 BAR PRESSURE**

Constant pressure regulator for all FH-1630 hoses. For propane gas tanks with a capacity of 5kg to 11kg. Gas flow: max 6kg/h.


**03566**
**INSULATED SHEATH STRIPPER**

Heavy duty cable sheath stripper (1000V VDE) designed to strip large (no limit) diameter cable e.g. ground cable and multi-sheathed.


**08473**
**159MM SPLICER'S KNIFE**

Splicer's knife used for splicing wire, cutting harness ties, medium gauge wires, electrical tape and stripping insulation.


**05628**
**175MM CABLE KNIFE**

Cable knife with a fixed blade and wood handle. 175mm overall length.


**03158**
**CORING KNIFE, INSULATED HANDLE**

Coring knife with curved blade and insulated handle.



# CABLE PREP TOOLS



**06838**

## HACKING KNIFE

Hacking knife with 115mm blade.



**02607**

## HACKING KNIFE, INSULATED HANDLE

Hacking knife with insulated handle.



**07598**

## KAM SWIVEL BLADE STRIPPER

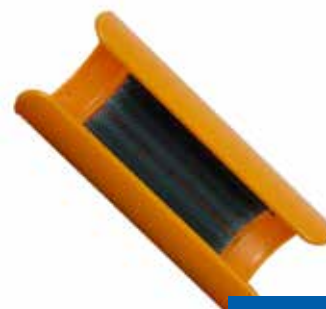
Swivel blade stripping tool, cable range 4–28mm, with knife.



**02609**

## INSULATED MINIWEDGE

Insulated core wedge designed to aid the separation of cores during jointing. Made from moulded nylon to resist detrimental wear at the tip during normal use. Has thumb and finger grip assists. Length 160mm, weight 52 grams.



**02975**

## COPPER SCRATCH BRUSH

Orange scratch brush for copper conductors.



**02608**

## INSULATED MAXIWEDGE

Insulated core separator & wedge, ideal for multicore cables when a standard wedge cannot be employed. Made from moulded nylon with a hook-type end. Length 262mm, weight 87 grams.



**02974**

## ALUMINIUM SCRATCH BRUSH

Blue scratch brush for aluminium conductors.


**03182**
**INSULATION CUTTING KEVLAR STRING**

Insulation cutting Kevlar string for plastic insulated cables. 2 metres in length, yellow in colour.


**02691**
**CABLE TWISTER 4 CORE SECTOR**

Tool, cable twister to suit 4 core sector cable. Used when undertaking link pillar terminations. Supplied as 1 pair.


**02615**
**INSULATED CABLE CORE TWISTER**

4 core 185mm<sup>2</sup> insulated to 240mm<sup>2</sup> insulated. Insulated tool.


**02616**
**3C CABLE CORE TWISTER**

Cable Core Twister, 3 Core 185mm<sup>2</sup> to 300mm<sup>2</sup> Bare. Insulated tool.


**02634**
**BLADE FOR KAM TYPE STRIPPER**

Replacement blade for sheath stripper HDPE/PVC.


**03098**
**BLADE FOR INSULATION STRIPPER**

Replacement blade for ABC/CCT sheath stripping tool (02346).


**03727**
**BLADE FOR XLPE STRIPPER**

Replacement blade for XLPE insulation stripping tool (02075).


**07632**
**BLADE FOR KAM TYPE STRIPPER**

Spare blade for KAM type stripping tool.



# TENSION & STRINGING

Grips and rollers required when using the tension method to install overhead conductors.

The tension method involves the conductor being pulled into position under tension. This is achieved by running a synthetic pulling line between a winch and a bullwheel tensioner threaded with the conductor. The pulling line is attached to the conductor using a wire grip (also referred to as a come-along, suitcase or four-bolt) and pulled through stringing rollers (or running sheaves) until the end reaches the winch, maintaining enough tension to keep the conductor clear of the ground and other obstructions.





**05487**

## SERVICE CABLE TENSIONER

Able to be locked when loaded, it utilises a compound pulley system with a mechanical advantage of 3. Extended length 2m, working load 400kg.



**04367**

## COME-ALONG 4X95 – 4X150 ABC

Come-along for conductor range 4x95mm<sup>2</sup> to 4x150mm<sup>2</sup> LV ABC cable. Weight 6.3kg.



**04925**

## COME-ALONG 2X16 – 4X35 ABC

Come-along for 2 and 4-core LV ABC cable. Cable OD range 8 to 25mm, eye opening 27x40mm. WLL 5.0kN, weight 0.9kg.



**08451**

## COME-ALONG 4X35 – 4X70 ABC

Come-along for 4-core LV ABC cable. Cable OD Range 16 to 34mm, eye opening 30x45mm. WLL 12.0kN, weight 2.1kg.



**08467**

## COME-ALONG 4X95 – 4X150 ABC

Come-along for 4-core LV ABC cable. Cable OD Range 28 to 45mm, eye opening 30x45mm. WLL 18.0kN, weight 3.1kg.



**04391**

## COME-ALONG 5 – 25 AL/CU

Come along for 5 – 25mm diameter bare aluminium or copper cable. SWL 2.0T (20kN), weight 1.8kg.



**02537**

## LV ABC RUNNING SHEAVE

Roller opens to allow easy transfer to suspension clamp(s). Includes socket tongues. Accommodates up to 4c 150mm<sup>2</sup> LV ABC.



## HV ABC RUNNING SHEAVE

HV ABC running sheave (excludes yoke assembly and support hooks). Attaches to pole bracket & suits angle poles to 45 degree and accommodates up to including 22kV 3 core 185mm<sup>2</sup> ABC cable. Consists of two rollers.



Image: flickr.com/ausgrid

# TEST & MEASURING

We stock a large selection of electrical testing equipment, including test lamps, voltage testers, detectors, multimeters, neutral supply and load testers, phase rotation testers and more.

Electronic test and measurement equipment is used to create signals and capture responses from electronic devices and systems. The use of electrical test and measurement equipment is essential for verifying the functionality of the electrical system, or for proving faults which can be traced and identified.


**02858**

### 240/415V TEST LAMP

240/415V AC and DC, Cat IV 300V, certified and tested to AS 61010:2003, fused: 2A (50kA @ 500V AC and 20kA @ 500V DC). 25W bulb, specially designed locking fitting to prevent accidental disconnection during use. 3 metre lead with detachable peg clip/chisel probe and 6.5 x 1.5 mm rounded flat probe.


**04891**

### 415V TEST LAMP

Test lamp, 415V, TL1. Probe 1 = fixed, probe 2 = probe. 2m straight fuse cord, 15W lamp.


**07590**

### TEST LAMP PROBE

Test lamp probe with peg clip and 250mm lead.


**07814**

### TEST SPOOL

Test spool, comes with 10m cable and shrouded banana plug.


**07591**

### TEST LAMP PEG PROBE

Peg probe for test lamp.


**04606**

### TEST LAMP TESTER

Test lamp tester, 25W for TL2 and TL3 test lamps. Comes with audible and visual indication as well as belt clip.



# TEST & MEASURING



**04744**

## 25W 240V SES CLEAR PILOT LAMP

25watt 240V SES clear pilot lamp.



**08757**

## NEUTRAL SUPPLY TESTER

Dewar Electronics M1121 NST neutral and supply tester kit, ensures the incoming Active and Neutral power connections to a customer's premises are correctly identified and safe to use before a power connection is made. An audible alarm indicates a pass at the end of the measurement cycle or a measurement failure.



**08783**

## SINGLE PHASE LOAD TESTER

The Desmo LT240A15 CAT IV 600V single phase load tester, used as an electrical load on kWh power meters when testing to ensure the correct operation and functionality of the meters. Incorporates fused probes with silicon leads and is housed in a compact body. It is protected by an automatic thermal cut-out switch.



**03058**

## HIGH VOLTAGE PROXIMITY TESTER

Permanent self test facility, 11 voltage. Positions 240V/11/22/33/66/110/132/210/275kV. Supplied in case, also known as a modiewark.



**06054**

## CARRY CASE FOR VOLTAGE TESTER

Soft carrying case for Fluke T100 series testers. Zippered carrying case with durable vinyl exterior, has belt loop and an inner pocket.



**06053**

## VOLTAGE TESTER

Fluke T140 2-pole tester for voltage testing, resistance, optical and acoustic continuity tests, phase detection. Protected to EN61010-1 Cat IV 600V.


**02577**

### METER PHASE ROTATION TESTER

Input Voltage 200 to 600V AC, frequency range 50 to 60Hz, with colour coded alligator clips and HRC fuses. Safety and compliance EN61010 Cat III 600V. Designed for line workers with fused leads to provide overload protection. The leads are double insulated. The unit is supplied with a soft vinyl case.


**02576**

### MULTIMETER DIGITAL TRUE RMS

Multimeter digital true RMS on AC Volts & current. Auto ranging, input protection 600V.


**02856**

### DIGITAL CLAMP METER

1000A AC/DC true RMS. Comes with case and test leads, operating manual and battery (1 x 9V 6F22). Size 282 x 104 x 47mm.


**03850**

### METER PHASE ROTATION TESTER

Input voltage 100 to 600V AC, frequency range 45 to 70Hz. Safety and Compliance EN61010 Cat III 500V. No moving mechanical parts. This unit gives phase and sequence indication. It will identify 3 phases, their sequence and no phase. Used to test supply when installing motors, pumps, conveyor lines, drives, etc.


**03773**

### METER ROTATION METER

Meter rotation meter.


**04646**

### CABLE CORE IDENTIFIER

Used to identify the cores and their sequence in a 3-phase power cable.


**03972**

### CIRCUIT BOARD RESISTOR

Printed circuit board with resistors for testing meters. Resistors 0.5, 1, 10, 20, 100, 500, 1k, 1k5, 1M, 10M, 50M, 100M Ohm.



# URD TOOLS

A range of tools used in underground residential development work.

Our range of URD tools includes allen keys, spanners and cable twistors for mains pillar terminations, a wide range of pit lid lifters, cable tie tensioners, fuse pullers and duct seal inflation tools for URD connections.





02333

#### D-BOLT SPANNER

T-bar 'D' bolt spanner, 90cm long.



02810

#### 5MM INSULATED 'T' ALLEN KEY

Insulated T-shaped handle, 5mm allen key driver. Suitable for popular tee joint style ring connectors and terminal blocks.



03848

#### ALLEN KEY/BUTTON BOLT SPANNER

Allen key/button bolt spanner, 850mm long. Used to undo allen key/button bolts in pillars.



03279

#### PIT LID LIFTER

Lid lifter single T-Bar type. Metal, painted yellow.



06488

#### INSULATED PIT LID LIFTER

Lid lifter T-bar type, insulated.



07422

#### PIT LID LIFTER - LONG HANDLE

Pit lid lifter with long handle.



05953

#### TELSTRA PIT LID LIFTER

Pit lid lifter for Telstra and other class A pits.



**03904**

## OPEN POINT LINK TOOL KIT

Consists of tool box, Norbar torque wrench, vice grip cable twisters (1 pair), Nylon hammer, 5mm 1000 Knipex insulated tee wrench, Hex T wrench 10mm, Hex T wrench 5mm, Hex socket 1/2" square drive 10mm and Hex key with short drive 10mm.



**07810**

## STREET LIGHT COLUMN KEY

Streetlight column key for Endeavour Energy.



**06409**

## CABLE TIE TENSIONER

Tensioner for stainless steel cable ties.



**02771**

## 6 – 19MM BAND-IT TOOL

Band-it tool for 6 – 19mm stainless steel strap/band.



**02315**

## HEAVY DUTY STRAP/BAND BUCKLE

Used to fix buckles and stainless steel straps to onto concrete and metal poles



**02691**

## 4C CABLE TWISTER

Cable twister to suit 4C sector cable  
Used when undertaking link pillar terminations. Supplied as one pair.



**02615**

## 4C CABLE CORE TWISTER

Cable core twister for 4-core 185mm<sup>2</sup> insulated to 240mm<sup>2</sup> insulated.



**02616**

## 3C CABLE CORE TWISTER

Cable core twister, 3-core 185mm<sup>2</sup> to 300mm<sup>2</sup> bare. Insulated tool.


**04618**

### CORDLESS IMPACT WRENCH

Cordless Impact Wrench, 12V. Includes 1 x battery charger, 2 x batteries, carry case, instructions, 1/4" hex drive adaptor, 1/2" hex sockets 10mm, 13mm, 17mm, 19mm, 22mm and 27mm. Suitable for shear head bolts up to 100Nm.


**04562**

### HEX SOCKET

10mm hex impact socket, 1/2 drive.


**06785**

### 3M CABLE LOCATOR

Cable locator, 3m 2273m.


**02161**

### FUSE PULLER

Low voltage DIN 00 to DIN4 fuses.


**05941**

### DUCT SEAL INFLATION TOOL

Duct seal inflation tool for RDSS inflatable duct seals. Requires C02 cartridges (not included).


**05942**

### CO2 CARTRIDGE

CO2 cartridge for RDSS inflation tool.





# CRIMPING TOOLS

A comprehensive selection of crimpers and die sets for crimping lugs and links to bare conductor.

From hand held crimpers for bootlace pins and the smallest of lugs, to hydraulic and battery-operated 12-tonne crimpers capable of handling lugs up to 300mm<sup>2</sup>, we've got the right tool for your crimping job. We also stock a selection of individual crimping dies, as well as full sets of both copper and aluminium crimping dies.


**03118**

### COMBINATION CRIMPER

For pre-insulated red, blue and yellow terminals. 1.5 to 6mm. Includes cutter, bolt cutter and wire stripper.


**05514**

### OPEN BARREL CRIMPER

Hand crimper, non-ratchet pliers for open barrel. Roll in crimp type terminals. Range 0.75mm<sup>2</sup> – 2.1mm<sup>2</sup>.


**06926**

### PRE-INSULATED TERMINAL KIT

Utilux TK-22/1 terminal kit, includes a range of preinsulated terminals and a #102 crimping tool. Supplied in a metal case.


**04407**

### HAND RATCHET CRIMPER

Copper lug hand crimper, ratchet type for 1.5mm<sup>2</sup> – 16mm<sup>2</sup> copper lugs and uninsulated terminals.


**06789**

### BOOTLACE PIN CRIMPER

Ratchet hand crimper for 16 – 35mm<sup>2</sup> bootlace pins.

# CRIMPING TOOLS



**06284**

## 12T HYDRAULIC HAND CRIMPER

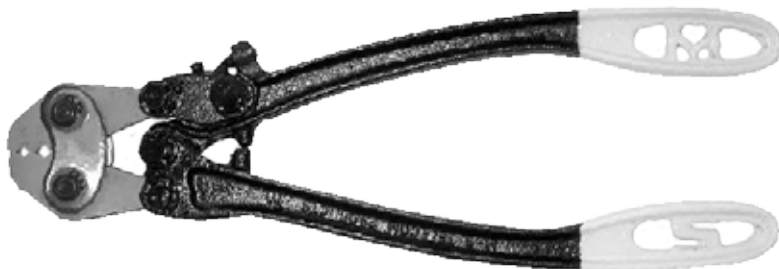
Hand operated, 180° head rotation, ram stroke 32mm. 640mm long, 7kg. Range up to 300mm<sup>2</sup>. Supplied in heavy duty plastic carry case.



**02575**

## HEXAGONAL CRIMPER

Hexagonal crimper for copper lugs 6-120mm<sup>2</sup>. Dies are self contained & rotating. Has over centre action to ensure complete crimp.



**03945**

## TR GROOVE CRIMPER

TR series groove crimper. Crimp groove sizes 9.52mm and 12.70mm.



**07069**

## U-HEAD BATTERY CAB CRIMPER

12T, jaw opening 42mm. 7.2kg (with battery). Range up to 300mm<sup>2</sup>. Supplied in carry case with 18V 3.0Ah Li-ion battery, charger and shoulder strap.




**05602**

### 12T HYDRAULIC CRIMPER

Output: 11.3 tonnes. Hydraulic – two stage pumping action, automatic pressure bypass, 180° swivel head, fibreglass handles. Range up to 300mm<sup>2</sup>. Length 585mm, 6.0kg (tool with die loaded). Comes with carry case and dies: 38-63CU, 38-77CU, 38-92CU, 38-104CU, 38-115CU, 38-142CU, 38-165CU, 38-183CU, 38-200CU, 38-231CU.


**03703**

### TR GROOVE CRIMPER

TR series groove crimper. Crimp groove size 15.88mm.


**06285**

### 12T C HEAD BATTERY CRIMPER

12T battery operated hydraulic crimper, 'C' head. 180 degree head rotation, non slip handle design, jaw opening 32mm. Weight 8.5kg (with battery). Range up to 300mm<sup>2</sup>. Supplied in heavy duty plastic carry case with 2 x batteries and charger.


**03702**

### TY GROOVE CRIMPER

TY series groove crimper. Crimp groove sizes 6.35mm and 7.94mm.


**07409**

### 12T C HEAD BATTERY CRIMPER

Jaw opening 42mm. 7.2kg (with battery). Range up to 300mm<sup>2</sup>. Supplied in case with 2 x 18V 3.0Ah Li-ion batteries, charger and shoulder strap.



# CRIMPING TOOLS



03128

## 6T DIELESS BATTERY CRIMPER

Dieless battery operated crimper. Multiple-indent type often used for overhead work, also known as 'versa crimp'. 180 degree swivel head, 6 tonne output. No dies required. Includes battery, charger and carry case.



02574

## U-HEAD HYDRAULIC CRIMPER

13 Tonne, remote U-head hydraulic crimper. Takes dies up to 300sqmm. NB: Excludes pump and dies.



02573

## 240V HYDRAULIC PUMP

240V hydraulic pump. 1.6A (300 Watt) electric single phase. Comes with hose length 3 metre. Weight 10.3kg. NB: Excludes remote head.



07071

## 6-300 AL HEX CRIMPING DIE SET

Aluminium hex crimping die set for 12T crimper. Includes aluminium dies for 6-300mm<sup>2</sup>.



07070

## 16-300 CU HEX CRIMPING DIE SET

Copper hex crimping die set for 12T crimper. Includes copper dies for 16-300mm<sup>2</sup>.



## ABC DIES

### 25MM ABC HEX CRIMPING DIE

Hex crimping die for 12T crimper  
25mm<sup>2</sup> ABC (14.0 A/F)

**06859**

### 35-95MM ABC HEX CRIMPING DIE

Hex crimping die for 12T crimper  
35-95mm<sup>2</sup> ABC (17.3 A/F)

**06860**

### 95-150MM ABC HEX CRIMPING DIE

Hex crimping die for 12T crimper  
95-150mm<sup>2</sup> ABC (21.5 A/F)

**06861**

## ALUMINIUM DIES

### 240MM 4C AL CRIMPING NEST DIE

Hex crimping die for 12T crimper. Indent for  
4 core AL sector cables (requires indent die).

**06862**

### 240MM 4C AL CRIMPING INDENT DIE

Hex crimping die for 12T crimper. Indent for  
4 core AL sector cables (requires nest die).

**06863**

### 6/35MM AL HEX CRIMPING DIE

Hex crimping die for 12T crimper  
6-35mm<sup>2</sup> aluminium (9.0 A/F)

**06854**

### 50/70MM AL HEX CRIMPING DIE

Hex crimping die for 12T crimper  
50-70mm<sup>2</sup> aluminium (13.2 A/F)

**06855**

### 95/120MM AL HEX CRIMPING DIE

Hex crimping die for 12T crimper  
95-120mm<sup>2</sup> aluminium (17.3 A/F)

**06856**

### 150/185MM AL HEX CRIMPING DIE

Hex crimping die for 12T crimper  
150-185mm<sup>2</sup> aluminium (22.0 A/F)

**06857**

### 240/300MM AL HEX CRIMPING DIE

Hex crimping die for 12T crimper  
240-300mm<sup>2</sup> aluminium (28.4 A/F)

**06858**

## COPPER DIES

### 16MM CU HEX CRIMPING DIE

Hex crimping die for 12T crimper  
16mm<sup>2</sup> copper (6.3 A/F)

**06843**

### 25MM CU HEX CRIMPING DIE

Hex crimping die for 12T crimper  
25mm<sup>2</sup> copper (7.7 A/F)

**06844**

### 35MM CU HEX CRIMPING DIE

Hex crimping die for 12T crimper  
35mm<sup>2</sup> copper (9.2 A/F)

**06845**

### 50MM CU HEX CRIMPING DIE

Hex crimping die for 12T crimper  
50mm<sup>2</sup> copper (10.4 A/F)

**06846**

### 70MM CU HEX CRIMPING DIE

Hex crimping die for 12T crimper  
70mm<sup>2</sup> copper (11.5 A/F)

**06847**

### 95MM CU HEX CRIMPING DIE

Hex crimping die for 12T crimper  
95mm<sup>2</sup> copper (14.2 A/F)

**06848**

### 120MM CU HEX CRIMPING DIE

Hex crimping die for 12T crimper  
120mm<sup>2</sup> copper (16.5 A/F)

**06849**

### 150MM CU HEX CRIMPING DIE

Hex crimping die for 12T crimper  
150mm<sup>2</sup> copper (18.3 A/F)

**06850**

### 185MM CU HEX CRIMPING DIE

Hex crimping die for 12T crimper  
185mm<sup>2</sup> copper (20.0 A/F)

**06851**

### 240MM CU HEX CRIMPING DIE

Hex crimping die for 12T crimper  
240mm<sup>2</sup> copper (23.1 A/F)

**06852**

### 300MM CU HEX CRIMPING DIE

Hex crimping die for 12T crimper  
300mm<sup>2</sup> copper (26.0 A/F)

**06853**



# CABLE HANDLING TOOLS

Cable handling equipment for securely gripping and hauling underground cables.

We stock a great range of cable handling tools and equipment to make cable hauling as effortless as possible, including proving mandrels and rubber cleaners for clearing dirt and debris and testing conduit integrity before hauling, high-strength fibreglass rodders for easy insertion of draw lines in ducts and channels, trench rollers and cable guides for guiding and protecting cables while laying and a wide range of other accessories such as stocking grips, rope blowers and line carriers.


**07684**
**40MM PROVING MANDREL**

Proving mandrel for 40mm conduit.


**06741**
**50MM PROVING MANDREL**

Proving mandrel for 50mm conduit.


**06742**
**80MM PROVING MANDREL**

Proving mandrel for 80mm conduit.


**06061**
**100MM PROVING MANDREL**

Proving mandrel for 100mm conduit.


**04609**
**125MM PROVING MANDREL**

Proving mandrel for 125mm conduit.


**06114**
**138MM PROVING MANDREL**

 Proving mandrel, 138mm diameter.  
Used for proving duct integrity.

**06743**
**150MM PROVING MANDREL**

Proving mandrel for 150mm conduit.


**07685**
**200MM PROVING MANDREL**

Proving mandrel for 200mm conduit.


**06629**
**100MM RUBBER CLEANER**

Rubber cleaner for 100mm conduit.



# CABLE HANDLING TOOLS



**05443**

## **125MM RUBBER CLEANER**

Rubber cleaner for 125mm conduit.



**06115**

## **148MM SHORT RUBBER SLUG**

Short rubber slug, 148mm diameter. Used for proving duct integrity, cleaning sand and mud, spreading lubricant.



**07611**

## **150MM RUBBER CLEANER**

Rubber cleaner for 150mm conduit.



**04867**

## **RAISED TRENCH ROLLER GUIDE**

Trench roller guide - raised type.



**04868**

## **FLAT TRENCHED ROLLER GUIDE**

Trench roller guide - flat type.



**08108**

## **LOCKABLE FEEDING SHEAVE**

Lockable feeding sheave for 150mm conduit.



**08109**

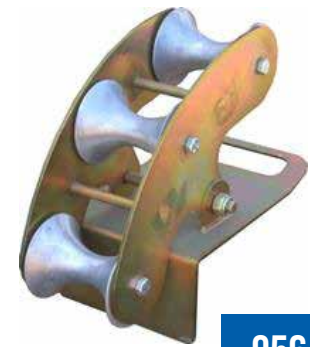
## **LOCKABLE MULTIPLE ROLLER GUIDE**

Lockable multiple roller guide - 150mm.


**06191**

### TRENCH CORNER ROLLER

Trench corner roller.


**05619**

### PIVOTING CABLE GUIDE

Pivoting manhole cable guide with 3 x 100mm aluminium rollers.


**07957**

### 9MM RODDER TOOL

Rodder tool, includes dispenser and 250m reel of 9mm diameter fibreglass rod with tracer.


**07688**

### 3M POLYCARBONATE HAND ROD

3m polycarbonate hand rod. Thread size = 18.669 x 3.549mm pitch at 60 degrees, right hand thread.


**05550**

### 11MM RODDER TOOL

Rodder tool, includes dispenser and 200m reel of 11mm diameter fibreglass rod with tracer.

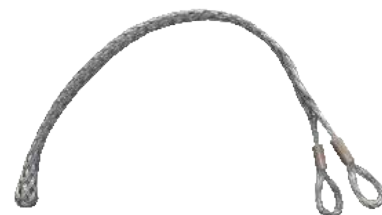
# CABLE HANDLING TOOLS



**08111**

## 55–75MM CABLE STOCKING GRIP

Cable stocking/grip for 55–75mm diameter cable, single eye.



**02715**

## CABLE STOCKING/GRIP

Cable stocking/grip for cable. Single eye/double. Galvanised or stainless steel.



**07501**

## KEVLAR CABLE STOCKING

Kevlar cable pulling stocking. Suits 40–55mm diameter cable. 12kN.



**07493**

## REUSABLE PULLING EYE

Reusable pulling eye for single core cable 15–20mm diameter.



**08105**

## LINE SWIVEL

Line swivel, 1.5 diameter, 900lb/40kN.



**04225**

## BELL MOUTH

Bell mouth, aluminium, split.



**08101**

## CONDUIT ROPE BLOWER

Conduit rope blower for 50–150mm diameter conduit.


**06117**
**125MM PLASTIC LINE CARRIER**

125mm plastic line carrier.


**06118**
**150MM PLASTIC LINE CARRIER**

150mm plastic line carrier.


**08102**
**150MM BALLOON LINE CARRIER**

Balloon line carrier for 150mm conduit.


**08110**
**1000KG PORTABLE CAPSTAN WINCH**

Portable capstan winch, 1000kg, petrol.


**08106**
**WINCH SUPPORT PLATE**

Winch support plate with bent pin.


**08107**
**SQUARE TUBING**

Square tubing, 50mm with bent pin.


**05643**
**DRUM ROLLER RAMP**

Drum roller ramp, drum diameter 1.5m. SWL 1 tonne. Weight 10.8kg.





# EARTHING TOOLS

The Erico Cadweld exothermic welding system and components for reinforcing ground connection joints.

Exothermic welding is used to permanently weld a copper cable to a ground rod. A mould is used to secure the joint, and thermite powder is poured into the mould. Once lit, the powder turns to molten copper, which flows around the joint, creating a perfect electrical connection. If exothermic welding weren't used to reinforce ground connection joints, corrosion and the effects of high currents at mechanically-weak connection points could threaten the effectiveness of the ground path over time, which could result in a serious safety hazard.



**02845**

### CADWELD PLUS CONTROL UNIT

The Cadweld Plus control unit initiates the reaction of the metal crucible. Includes 1.8 metre high temperature control unit lead. Lead connects to ignition strip with purpose designed clip. Battery operated.



**05787**

### CADWELD PLUS REPLACEMENT LEAD

Replacement lead for Cadweld Plus control unit.



**02791**

### SMALL MOULD HANDLE CLAMP

Cadweld mould handle clamp, used to hold C, E and R price cadweld graphite moulds. Does not include moulds.



**06944**

### LARGE MOULD HANDLE CLAMP

Cadweld mould handle clamp, used to hold D, F and J price Cadweld graphite moulds. NB: Excludes moulds.



**05306**

### CHAIN HANDLE CLAMP

Cadweld mould chain support handle clamp, used to hold type C & R cadweld graphite moulds. Supplied with 500mm length of chain to fit up to 100mm dia vertical pipes. Suitable for connection types VS, VF, VB & VV. NB: Excludes moulds.

# EARTHING TOOLS



**04944**

## SOFT BRUSH CADWELD MOULD

Soft cleaning brush for Cadweld moulds.



**05461**

## DUXSEAL CADWELD MOULD

Duxseal for Cadweld moulds.



**08490**

## CADWELD MOULD SSCY4

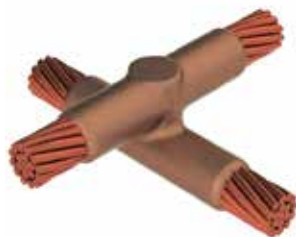
Cadweld mould, type SSCY4. Tee, 70mm<sup>2</sup> horizontal splice. Requires 65PLUSF20 weld metal.



**08487**

## CADWELD MOULD PTCY4Y4

Cadweld mould, type PTCY4Y4  
2 x 70mm<sup>2</sup> parallel horizontal  
conductors. Requires 200PLUSF20  
weld metal.



**08488**

## CADWELD MOULD XBQY4Y4

Cadweld mould, type XBQY4Y4  
2 x 70mm<sup>2</sup> crossover horizontal  
conductors, lapped and not cut.  
Requires 200PLUSF20 weld metal.



**08489**

## CADWELD MOULD TACY4Y4

Cadweld mould, type TACY4Y4  
Tee, 70mm<sup>2</sup> horizontal run and 70mm<sup>2</sup>  
tap connection. Requires 90PLUSF20  
weld metal.



**02841**

## F20-65 WELD METAL

Cadweld Plus Nomenclature F20 (Clear Cap) - 65 grammes. Colour Dark Green.  
Consists of a tamper proof, disposable, moisture resistant weld metal cup which  
incorporates weld metal, disk and ignition source. NB: Requires control unit to  
ignite and appropriate mould.



**02842**

## F20-90 WELD METAL

Cadweld Plus Nomenclature F20  
(Clear Cap) - 90 grammes. Colour Gray.  
NB: Requires control unit to ignite and  
appropriate mould.


**02843**

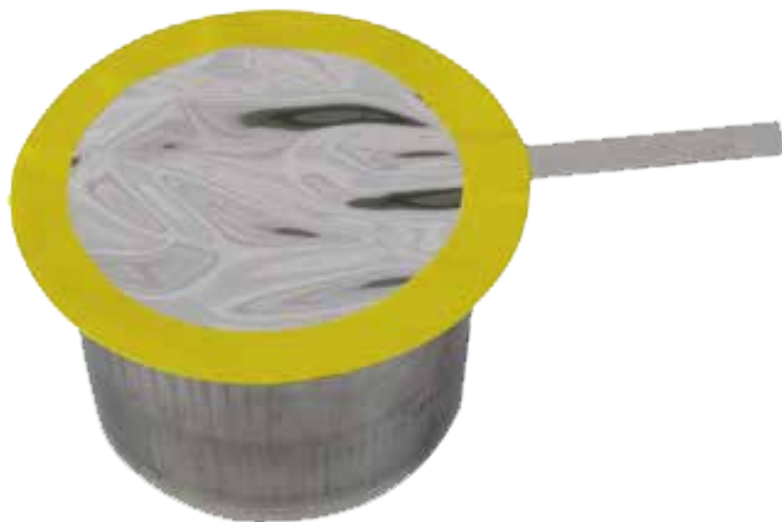
### F20-115 WELD METAL

Nomenclature F20 (Clear Cap) - 115 grams. Colour Orange. NB: Requires control unit to ignite and appropriate mould.


**02844**

### F20-150 WELD METAL

Cadweld Plus Nomenclature F20 (Clear Cap) - 150 grams. Colour Dark Blue. NB: Requires control unit to ignite and appropriate mould.


**03537**

### F20-200 WELD METAL

Cadweld Plus Nomenclature F20 (Clear Cap) - 200 grams. Colour Yellow. Consists of a tamper proof, disposable, moisture resistant weld metal cup which incorporates weld metal, disk and ignition source. NB: Requires control unit to ignite and appropriate mould.


**04943**

### F20-250 WELD METAL

Cadweld Plus Nomenclature F20 (Clear Cap) - 250 grams. Colour Purple. Consists of a tamper proof, disposable, moisture resistant weld metal cup which incorporates weld metal, disk and ignition source. NB: Requires control unit to ignite and appropriate mould.


**06927**

### F20-500

Cadweld Plus Nomenclature F20 (Clear Cap) - 500 grams. Colour Light Brown. NB: Requires control unit to ignite and appropriate mould.



# EARTHING TOOLS



07516

## DIGITAL EARTH TESTER

Earth resistivity tester, 2, 3 or 4 point. Digital display, comes with carry case, basic lead and spike kit and terminal bare wire adaptors.



05246

## MACHINE DRIVING HEAD

Machine driving head for tapered extendable earth rods, suits Kango 900/950.



04647

## MACHINE DRIVING HEAD

Machine driving head for flush coupled swaged end earth rods. Suit Kango 900/950



03970

## EARTH RESISTANCE TESTER

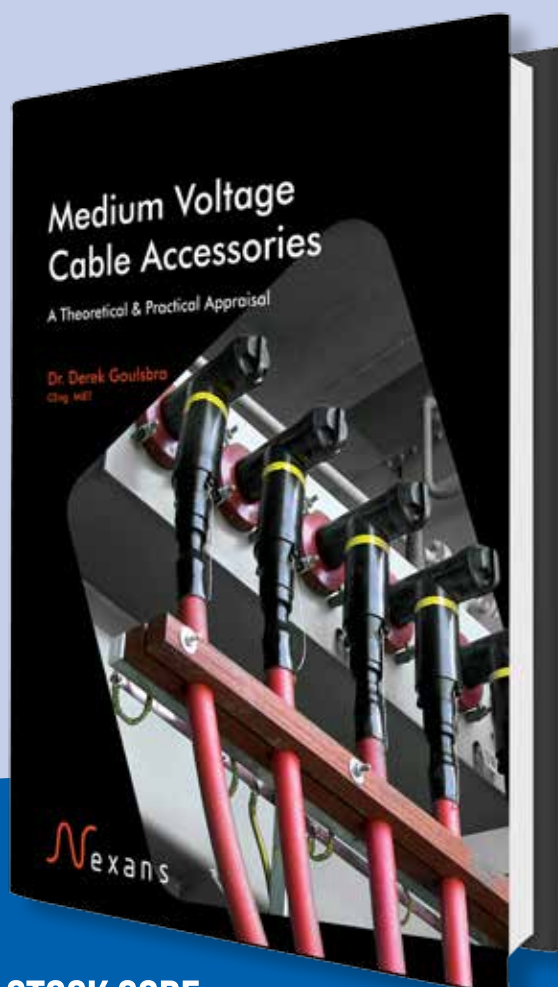
Digital earth resistance tester. Comes in a box with shoulder strap, includes batteries and leads.



07140

## EARTH RESISTANCE TESTER

2, 3 and 4-point with Dataview® Software - model 6472. Measures ground impedance at frequencies up to 5kHz to test lightning strike protection. Uses the 2-clamp method (no auxiliary rods needed) and optional current probes. Automatic report generation including the fall-of-potential plot.



**STOCK CODE:**  
**08484**

## MEDIUM VOLTAGE CABLE ACCESSORIES

DR DEREK GOULSBRA CENG MIET

This book is a detailed look at medium voltage cable accessories which will be of value to jointers and engineers alike.

In order to understand the workings and failure modes of the accessories, a section on electrical breakdown of air and solids and a combination of the two is presented.

This is followed by a practical consideration of cable preparation using present day techniques and tools prior to installing the accessory.

Terminations, separable connectors, joints and associated components are examined in detail with explanations of the various technologies employed. Finally, examples of failures are presented with explanations of how these could have been avoided.

## ABOUT THE AUTHOR

Derek Goulsbra has over thirty years experience working in the field of cable accessories having been heavily involved in product development, failure analysis and engineer and jointer training.



# LEVEL 2 ASP TOOLS LIST

Are you just starting out as a Level 2 ASP?

Our recommended tools list is a great guide for the essential items that should be in every ASP's arsenal. For a list of the accompanying safety gear required by ASPs and electrical contractors, take a look at our Safety Link brochure.

**1 TEST LAMP**



**02858**

**2 LINEMAN'S SPANNER**



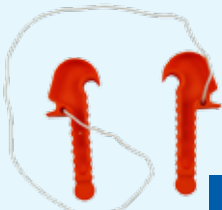
**02345**

**3 SCRATCH BRUSHES**



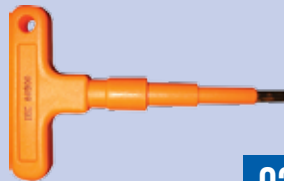
**02974  
02975**

**4 ABC CORE SEPARATOR**



**03301**

**5 SHEATHED T-BAR**



**02810**

**6 D BOLT SPANNER**



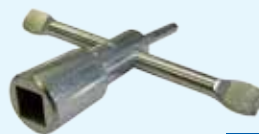
**02333**

**7 ALLEN KEY SPANNER**



**03848**

**8 COLUMN KEY**



**07810**

**9 PARROT BEAK CUTTERS**



**02878**

**10 CABLE CUTTER RATCHET**



**02131**

**11 CONDUIT CUTTER**



**08752**

**12 1000V SCREWDRIVERS**



**08822**

**13 1000V PLIERS**



**08819**

**14 1000V CUTTERS**



**08821**

**15 MULTI-METER**



**02576**



**Transmission Construction**  
Endeavour Energy



**Pole Mounted Transformer**  
Endeavour Energy



**Pole Mounted Transformer**  
Essential Energy



**Bare Conductor Accessories**  
Overhead



**Insulated Conductor Accessories**  
Medium Voltage Overhead



**Safety Link**  
Product Catalogue



**Kiosk Substation**  
Ausgrid



**Numbers & Labels**  
Endeavour Energy & Ausgrid



**Terminations, Joints & Elbows**  
Power & Water Corporation



**Padmount Substations**  
Essential Energy



**Street Lighting Equipment**  
Power and Water Corporation



**Utility Cables**  
Various Utilities

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**Sydney**

13 Progress Circuit,  
Prestons, NSW, 2170  
1300 087 579  
[sales@all-round-supplies.com.au](mailto:sales@all-round-supplies.com.au)

**Melbourne**

4/433 Hammond Road,  
Dandenong South, VIC, 3175  
1300 087 579  
[sales@all-round-supplies.com.au](mailto:sales@all-round-supplies.com.au)

**Perth**

70 Kent Way,  
Malaga, WA, 6090  
1300 087 579  
[sales@all-round-supplies.com.au](mailto:sales@all-round-supplies.com.au)

[www.ars.com.au](http://www.ars.com.au)



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