



MANUAL ARC





MANUAL ARC

DYNAWELD OFFERS A WIDE RANGE OF MANUAL ARC WELDING EQUIPMENT AND ACCESSORIES TO SUIT ALL WELDING NEEDS. OUR DIVERSE RANGE INCLUDES WELDING CABLE, ARC LEAD SETS, ELECTRODE HOLDERS, EARTH CLAMPS, CABLE LUGS AND CONNECTORS, CHIPPING HAMMERS, WIRE BRUSHES, ELECTRODE DRYING OVENS, GOUGING TORCHES AND ACCESSORIES FROM OUR EXCLUSIVE BRAND BOSSWELD.

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WELDING CABLE

BOSSWELD POWERFLEX DOUBLE INSULATED WELDING CABLE

AS1995-2003

Bossweld's Powerflex double insulated welding cable is made in Australia from 100% oxygen free copper. Its unique softness and flexibility, featured with double insulated NBR/NBR to V90HT (105C rated) outer shell, makes it the perfect cable for all welding applications. Powerflex cable is made using extra fine copper conductors for excellent voltage conductivity and cable flexibility.

FEATURES

- 100% Australian Made
- Soft and flexible, without compromising on quality
- Full size range available
16mm – 120mm
- Marked every metre
- Private branding available
- Complies to AS1995-2003
- Double insulated
- Highly flexible
- Abrasion resistant outer layer
- Supplied on a robust drum

APPLICATIONS

- Suiting mine sites
- Welding generators
- Electrical switchboards
- Welding lead sets



PRIVATE BRANDING AVAILABLE

*We can print your name on our Powerflex cable

TYPE	LENGTH	PART NO.
16mm Powerflex Welding Cable 175 Amp	100 mtr	500018
16mm Powerflex Welding Cable 175 Amp	20 mtr	500018-20
25mm Powerflex Welding Cable 230 Amp	100 mtr	500019
25mm Powerflex Welding Cable 230 Amp	20 mtr	500019-20
35mm Powerflex Welding Cable 290 Amp	100 mtr	500020
35mm Powerflex Welding Cable 290 Amp	20 mtr	500020-20
50mm Powerflex Welding Cable 370 Amp	100 mtr	500021
50mm Powerflex Welding Cable 370 Amp	20 mtr	500021-20
70mm Powerflex Welding Cable 460 Amp	100 mtr	500022
70mm Powerflex Welding Cable 460 Amp	20 mtr	500022-20
95mm Powerflex Welding Cable 590 Amp	100 mtr	500023
95mm Powerflex Welding Cable 590 Amp	20 mtr	500023-20



BOSSWELD
RELIABLE WELDING GEAR

WELDING LEAD SETS

BOSSWELD ARCLEAD SET

Consists of electrode lead with electrode holder and separate earth/work lead with earth clamp both with dinse connectors for machine end. Available with 400amp twistlock electrode holder.

FEATURES

- Double insulated flexible welding cable
- Comes completely assembled
- Quality fitted electrode holder and clamp
- Dinse connections
- Can custom make on request

APPLICATIONS

- Welding generators
- Site welders
- Inverter welders
- Replacement lead set



BOSSWELD

TYPE	PART NO.
Arclead Set 175A 3mt	503316
Arclead Set 175A 6m EH/4m EC	506416
Arclead Kit 230A 6m EH/4m EC	506425

ELECTRODE HOLDERS & EARTH CLAMPS

BOSSWELD TWISTLOCK TYPE ELECTRODE HOLDER

Twistlock electrode holders are the most popular choice of holder, due to their ability to clamp onto electrodes with a very positive screw down action, ensuring optimum current flow to the electrode.

FEATURES

- Easy to use 'Twistlock' electrode holder
- Solid plastic handle for optimum insulation
- Medium impact handle
- Easy to fit welding cable

APPLICATIONS

- Site welding
- Replacement electrode holder



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TYPE	PART NO.
Twistlock Electrode Holder 400 Amp	500044
Twistlock Electrode Holder 600 Amp	500046

BOSSWELD OPTIMUS STYLE & TONG TYPE ELECTRODE HOLDERS

Tong type electrode holder, fully insulated for use with welding electrodes up to 5mm, featuring any angle grip and quick electrode release and replace.

FEATURES

- High amperage electrode clamp
- Insulated clamp mechanism
- Easy to use for 1.6 to 5.0mm electrodes
- Light weight (Tong type)
- Easy to adjust electrode to any angle (Tong type)

APPLICATIONS

- Site welding
- Quick action electrode change
- Replacement electrode holder



Tong Type

BOSSWELD

TYPE	PART NO.
Tong Type Electrode Holder 200 Amp	500041
Tong Type Electrode Holder 400 Amp	500042
Tong Type Electrode Holder 500 Amp	500043

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ELECTRODE HOLDERS & EARTH CLAMPS

BOSSWELD CAST BRASS G EARTH CLAMP

Cast Brass G style earth clamp rated at 500 Amps. Suited for heavy duty industrial applications where larger amperages are used. Screw down action ensures optimum conductivity. Best suited to more permanent earthing.

FEATURES

- G clamp style for positive connection
- 500 Amp rating
- Solid construction
- Jaw opening 33mm

APPLICATIONS

- Flux cored welding
- MIG welding
- Heavy industrial sites
- High amperage welding

TYPE	PART NO.
Brass G Earth Clamp 500 Amp	500062



BOSSWELD QUICK ACTION CLAW EARTH CLAMP

Quick action 600 Amp earth clamp with rubber insulation. For use on higher amperage welding. Quick and easy to fix to plates and benches.

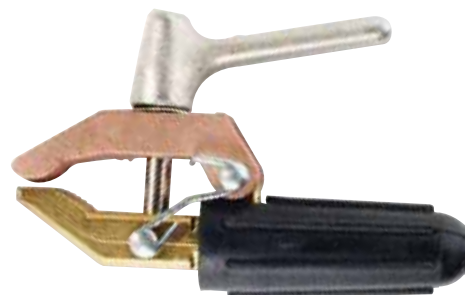
FEATURES

- Quick action for faster attaching/detaching
- 600 Amp rating
- Solid construction
- Jaw opening 60mm

APPLICATIONS

- Flux cored welding
- Carbon arc gouging
- Heavy industrial sites
- High amperage welding

TYPE	PART NO.
Claw Type Quick Action Screw 600 Amp	500063



BOSSWELD SPRING LOADED EARTH CLAMP

Spring loaded earth clamps feature copper braid between brass jaw pads for optimum conductivity. Strong spring pressure, available in different amperages.

FEATURES

- Easy to use
- Strong clamping force
- Brass connection pads with copper braid interconnection
- 4 sizes available

APPLICATIONS

- Jobbing
- Fabrication and welding machines
- Sheet metal work
- Replacement earth lead

TYPE	PART NO.
Spring Type Earth Clamp 200 Amp	500059
Spring Type Earth Clamp 300 Amp	500060
Spring Type Earth Clamp 500 Amp	500061
Spring Type Earth Clamp 600 Amp	500061A



ELECTRODE HOLDERS & EARTH CLAMPS

BOSSWELD MAGNETIC EARTH CLAMP

Magnetic earth clamp capable of handling 800 Amps. Provides sound connection via magnetic force to steel. Removal made easy with lever. Not suitable for aluminium and stainless steel.

FEATURES

- Quick and easy to use
- 800 Amp rating
- Copper earthing stud
- Easy to remove handle

APPLICATIONS

- Site fabrication
- High amperage welding

TYPE	PART NO.
Magnetic Earth Clamp 800 Amp	500064



CABLE LUGS & CONNECTORS

BOSSWELD ANGULAR FIELD FITTED CABLE LUGS

Heavy duty, 45 degree angled, solid forged brass industrial cable lugs with rubber insulated cover.

FEATURES

- 2 sizes available for heavy site use
- 300A and 600A
- Solid brass construction
- Rubber insulator shank
- Work site friendly

APPLICATIONS

- Electrical terminal connections
- Work site field repair kits

TYPE	PART NO.
Field Fitted Cable Lug 300 Amp	500030
Field Fitted Cable Lug 600 Amp	500031



BOSSWELD REUSABLE FIELD FITTED CABLE LUGS

Reusable lugs suitable for connection to earth clamps and terminals, great for any boiler makers tool box for on site repairs to leads etc.

FEATURES

- Several sizes available for all welding cable
- Solid brass construction
- Easy to use
- Work site friendly

APPLICATIONS

- Electrical terminal connections
- Work site field repair kits

TYPE	PART NO.
Reusable Field Lug 16mm, 11.5mm eye	500036
Reusable Field Lug 25mm, 12.5mm eye	500037
Reusable Field Lug 35mm, 14.5mm eye	500038
Reusable Field Lug 50mm, 16.5mm eye	500039
Reusable Field Lug 70mm, 16.5mm eye	500040



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CABLE LUGS & CONNECTORS

BOSSWELD BLUE TWIST CABLE CONNECTORS

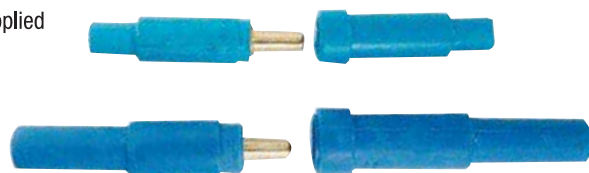
Medium and heavy duty in-line cable connectors with rubber insulation. Tapered pin twist-lock for reliable electrical connection when extending work and welding cables. Supplied as plug and socket pair. Commonly used with generators and on site.

FEATURES

- Tapered pin connection for positive lock
- Long block for ease of use
- Heavy insulated rubber
- Industry compatible

APPLICATIONS

- Extension of welding cable
- Site connections



TYPE	PART NO.
Cable Connect Blue Twist Type 300 Amp	500065
Cable Connect Blue Twist Type 500 Amp	500066

BOSSWELD DINSE CABLE CONNECTOR

Dinse style connectors for quick and reliable connection to welding power sources or extending weld cables. Neoprene rubber insulation and tapered twist lock action.

FEATURES

- Dinse style connection for positive lock
- Easy and reliable to use
- Heavy insulated rubber
- Industry compatible

APPLICATIONS

- Extension of welding cable
- Site connections



TYPE	PART NO.	TYPE	PART NO.
Dinse Connector Male 50mm	500070	Dinse Connector Male 25mm	500069
Dinse Connector Female 50mm	500073	Dinse Connector Female 25mm	500072

BOSSWELD CRIMPABLE CABLE LUGS

Crimp type lugs, suitable for connection to earth clamps and welder output terminals. Best to well match cable and eyelet for best electrical continuity.

FEATURES

- Sizes available for all welding cables and earth clamp studs
- Zinc plated
- Crimp connection for positive connection to cable

APPLICATIONS

- Electrical terminal connections
- Earth leads



TYPE	PART NO.	TYPE	PART NO.
CL-25 Hole Size Crimp Type Lug 9.0mm	500040A	CL-50 Hole Size Crimp Type Lug 10mm	500040J
CL-25 Hole Size Crimp Type Lug 12.5mm	500040G	CL-50 Hole Size Crimp Type Lug 12.5mm	500040D
CL-35 Hole Size Crimp Type Lug 8mm	500040H	CL-70 Hole Size Crimp Type Lug 10mm	500040K
CL-35 Hole Size Crimp Type Lug 9mm	500040B	CL-70 Hole Size Crimp Type Lug 12.5mm	500040E
CL-35 Hole Size Crimp Type Lug 10mm	500040I	CL-95 Hole Size Crimp Type Lug 12.5mm	500040F
CL-35 Hole Size Crimp Type Lug 12.5mm	500040C		

CABLE LUGS & CONNECTORS

BOSSWELD DINSE PANEL CONNECTOR

Panel mounted, dinse style sockets, used for replacement of output sockets on welders, generators and battery applications.

FEATURES

- Easy to install
- Solid Insulated brass connection
- Will improve leads conductivity

APPLICATIONS

- Battery charging connection points
- Universal fit of most welder brands
- Testing bench construction
- Replacement of Panel mount welding connections



TYPE	PART NO.
Dinse Panel Connector Female 25mm	500075
Dinse Panel Connector Female 50mm	500076

BOSSWELD CX70 DINSE ADAPTOR

Male plug adaptor 10-25mm² to female socket 35-95mm². Constructed with a brass body and an outside nut, the CX70 Dinse Adaptor is coated in a fire and heat proof thermosetting material. Used for adapting a Dinse 50 down to a Dinse 25.

TYPE	PART NO.
Dinse Adaptor	500077



WIRE BRUSHES

BOSSWELD WIRE BRUSH

Wooden handled wire brushes used for cleaning and preparation of metals pre and post welding. Note: Use stainless steel wire brush for aluminium and stainless steel.

FEATURES

- Quality wooden handle
- 4 rows of steel or stainless steel
- Re-usable
- Long bristle life

APPLICATIONS

- Surface removal of rust
- Polishing of weldmetal
- Removing aluminium oxide (use Stainless Steel only)

TYPE	PART NO.
4 Row Steel Wire Brush Wood Handle	500080
4 Row S/Steel Wire Brush Wood Handle	500081



MANUAL ARC

CHIPPING HAMMERS

BOSSWELD RUBBER & SPRING HANDLE CHIPPING HAMMER

Used for slag removal, and cleaning up weld beads post weld. Spring handle for increased comfort.

FEATURES

- Comfortable hardened rubber handle (500087)
- Robust spring handle (500088)
- Hardened point and chisel for long life
- Trade quality
- 500 gram head

APPLICATIONS

- Removal of weld spatter

TYPE	PART NO.
Rubber Handle Chipping Hammer	500087
Spring Handle Chipping Hammer	500088



BOSSWELD

GOUGING TORCHES

BOSSWELD ARC AIR GOUGING TORCH

Gouging torch for use with gouging carbons. Comes complete with 2Mt swivel cable

FEATURES

- Heavy duty construction
- Easy to operate 'air valve'
- Easy to maintain
- Swivel head with 2 meters of cable

APPLICATIONS

- Ship yards
- Boiler shops
- Mine sites and maintenance
- Construction

TYPE	PART NO.
K3 Arc Air Gouging Torch 600 Amp	500090
K4 Arc Air Gouging Torch 1000 Amp	500091



BOSSWELD

BOSSWELD ARC AIR GOUGING & GOUGING TORCH INSULATOR SETS

Replacement air switch and insulator sets for K3 and K4 gouging torches

FEATURES

- Suits both K3 and K4
- Ring seal
- Made from heat resistant bakerlite (insulator)
- Long service life (insulator)
- Easily replaced with a screwdriver (insulator)

APPLICATIONS

- Electrical terminal connections
- Earth leads

TYPE	PART NO.
K3 Torch Insulator Set	500092
K4 Torch Insulator Set	500093
K3/K4 Torch Air switch	500094

P/N: 500094



P/N: 500093



BOSSWELD

ELECTRODE DRYING OVENS

BOSSWELD PHOENIX ELECTRODE DRYING OVENS

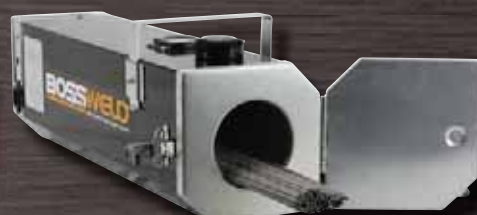
The Phoenix drying ovens have been designed to maintain your low hydrogen electrodes at the best possible temperature during use, having excellent insulation properties which result in lower heat loss during heating and an adjustable temperature control so you can maintain optimum electrode conditioning. The construction and design of the Phoenix range of electrode ovens has taken into consideration the harsh environment which they are used, which will give the operators reliability when it counts.

FEATURES

- 4 Sizes available
- Solid construction
- Adjustable temperature control
- Removable primary lead for safe storage



P/N:500111



P/N:500112

APPLICATIONS

- Electrode storage
- Electrode drying
- Improves electrode lifespan



P/N:500113



P/N:500114

TYPE	PART NO.
Phoenix 5 Drying Oven 5 Kg (50-150°C)	500111
Phoenix 10 Drying Oven 10 Kg (50°C-150°C)	500112
Phoenix 10H Drying Oven 10 Kg (50°C-200°C)	500113
Phoenix 24H Drying Oven 24 Kg (50°C-200°C)	500114



