



Product Catalogue 2015

Safety Information

Always follow the necessary safety procedures when using Promax products.

- Promax Products should only be used by qualified and competent personnel
- Always adhere to the manufacturers operating instructions
- Ensure that all electrical connections are safe and properly insulated
- Always inspect your equipment for signs of damage or wear & tear before use
- Ensure that all gas connections are secure and leak free
- Be aware of your surroundings, sparks can ignite fires and harm you or those around you
- Arc rays can burn the skin and harm the eyes
- Fumes generated during welding or cutting can be harmful, always use in a well ventilated area and where necessary make use of an adequate respirator
- Always wear suitable body and eye protection

Machine Selection Guide

	Stick	MIG	FCAW	SAW	AC-TIG	DC-TIG	CAC-A DC	Plasma
Steel	•	•	•	•		•	•	•
Stainless Steel	•	•	•	•		•	•	•
Aluminium		•			•		•	•
Cast Iron	•						•	•
Brass / Copper		•				•	•	•
Titanium						•		•
Magnesium Alloys					•			•
Skill Level	Moderate	Low	Low	Moderate	High	High	Moderate	Low
	Welding Process						Cutting Process	



Thermal Protect



Anti Sticking



Voltage Reduction Device



Optional Cellulosic Electrode



ARC Force



Hot Start



Voltage Step Control



Voltage Stepless Control



Single Drive Wire Feeding



Dual Drive Wire Feeding



Slow Wire Feeding



2T / 4T Selection



Burn Back



Pulse



Slope Up



Slope Down



Gas Pre Flow



Gas Post Flow



Gas Check



5Kg Max Spool Loading



15Kg Max Spool Loading



20Kg Max Spool Loading



Inverter



IGBT Inverter



Single Phase Input Power



Three Phase Input Power



Fan Cooled



50/60 Hertz Input Power



Direct Current
Welding Output



Constant Current



Constant Voltage



Constant Voltage
& Constant Current Output



Welcome to Promax

Established in 2002 the first Promax Electrodes were manufactured and appeared on the South African market.

Promax Welding is located in Johannesburg South Africa with sales offices in North West, Durban, Port Elizabeth and Cape Town as well as an extensive network of distributors throughout the entire region extending into neighbouring African countries.

Our newly upgraded manufacturing plant situated in Ladysmith Natal consisting of 5 electrode production lines, cutting and wire drawing machines has the capacity of manufacturing 350 tons of electrodes per month.

The electrode range includes our popular E6013 Mild Steel range with the S.A.B.S. mark on it, E7018-1 Low Hydrogen, E7024 Iron Powder, Stainless Steel, Cast Iron, Gouging and Hard facing electrodes.

Today the company also imports a comprehensive range of quality welding and cutting products.



Promax provides products and services consisting of:

- Welding Electrodes, MIG, TIG, Gas Filler Wire
 - Braze Material & Fluxes
 - Welding Machines
- Plasma Cutting Machines
- Arc Welding Equipment
- Mig Welding Equipment
- Tig Welding Equipment
- Safety Gear & Equipment
- Service and Repair of Welding Machines
- Product Training



Since its humble beginnings in a small factory in East Rand, Promax has grown into a major national distributor striving to supply quality products and excellent service to all our valued customers.



ARC Welding



3

MIG Welding



7

TIG Welding



11

Gas Cutting & Welding



14

Plasma Cutting



18

Safety



21

Prepack Retail Welding Solutions



24

Consumables



30

Machines



42

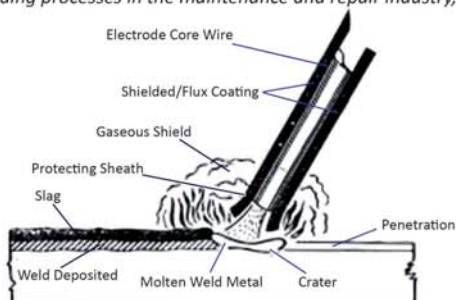


P PRO-MAX *ARC Welding*

Manual Metal Arc Welding (MMA), also known as stick welding, is a manual arc welding process that uses a consumable electrode coated in flux to lay the weld by using an electric current, either alternating current (AC) or direct current (DC) from a welding power supply, is used to form an electric arc between the electrode and the metals to be welded together.

As the weld is laid, the flux coating of the electrode disintegrates, giving off vapors that serve as a shielding gas and providing a layer of slag, both of which protect the weld from atmospheric contamination. It is used primarily to weld iron and steels (including stainless steel)

Arc Welding is one of the world's most popular welding processes because of the versatility of the process and the simplicity of its equipment and operation, it dominates other welding processes in the maintenance and repair industry, it is also used extensively in the construction of steel structures and in industrial fabrication.



26-EC2

Earth Clamp 200A

Spring Loaded Jaws
Copper Jaws with Copper Braided Shunt
200A at 60% Duty Cycle
Heavy Duty Clamp
M8 Mounting Stud
Use with Welding Cable up to 25mm²
Jaws Opening Height: 38mm
Jaws Opening Depth: 63mm



26-EC4

Earth Clamp 400A

Spring Loaded Jaws
Copper Jaws with Copper Braided Shunt
400A at 60% Duty Cycle
Heavy Duty Clamp
M10 Mounting Stud
Use with Welding Cable up to 70mm²
Jaws Opening Height: 63mm
Jaws Opening Depth: 76mm



26-EC6

Earth Clamp 600A

Spring Loaded Jaws
Copper Jaws with Copper Braided Shunt
600A at 60% Duty Cycle
Heavy Duty Clamp
M10 Mounting Stud
Use with Welding Cable up to 95mm²
Jaws Opening Height: 76mm
Jaws Opening Depth: 76mm



26-EC6B

G Clamp 600A

Brass Construction with Steel Fixing Screw
600A at 60% Duty Cycle
Heavy Duty Clamp
Use with Welding Cable up to 95mm²
Jaws Opening Height: 14mm
Jaws Opening Depth: 40mm



26-EHOPT4

Optimus Style 400A

26-EHOPT6

Optimus Style 600A

Fully Insulated Jaws
High Temperature Resistant
Allow Electrode to be fitted Horizontally or Vertically
400A: Use with Welding Cable 35 - 70mm²
For 2.0 - 3.2mm Electrodes @ 60% Duty Cycle
600A: Use with Welding Cable 35 - 70mm²
For 2.0 - 5.0mm Electrodes @ 60% Duty Cycle



26-EHSAM3

Jaw Type 300A

26-EHSAM5

Jaw Type 500A

Fully Insulated Jaws
High Temperature Resistant
General Purpose, weld in all positions
300A: Use with Welding Cable 16 - 35mm²
For 2.0 - 3.2mm Electrodes @ 60% Duty Cycle
500A: Use with Welding Cable 35 - 70mm²
For 2.5 - 5.0mm Electrodes @ 60% Duty Cycle



26-EHTW4

Twist Lock 400A

26-EHTW6

Twist Lock 600A

Ability to screw down onto electrodes to ensure optimum flow
Solid plastic handle for optimum insulation
400A: Use with Welding Cable 16 - 35mm²
For 2.0 - 4.0mm Electrodes @ 60% Duty Cycle
600A: Use with Welding Cable 35 - 70mm²
For 2.5 - 5.0mm Electrodes @ 60% Duty Cycle



26-EHKD3

KD Style 300A

26-EHKD5

KD Style 500A

Ergonomically designed lever for good hand clearance
Grooved Jaw design ensures firm electrode grip
300A: Use with Welding Cable 16 - 35mm²
For 2.0 - 3.2mm Electrodes @ 60% Duty Cycle
500A: Use with Welding Cable 35 - 70mm²
For 2.5 - 5.0mm Electrodes @ 60% Duty Cycle



26-K4

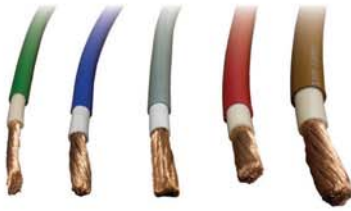
K4 Gouging Torch 1000A

26-K5

K5 Gouging Torch 1200A

Durable Front Insulators
360° Swivel Cable for less Cable Twist
Accepts both round and flat electrode





- 26-WB16 16mm Green Cable
- 26-WB25 25mm Blue Cable
- 26-WB35 35mm Grey Cable
- 26-WB50 50mm Red Cable
- 26-WB70 70mm Brown Cable

- 150A @ 60% Duty Cycle
- 230A @ 60% Duty Cycle
- 290A @ 60% Duty Cycle
- 400A @ 60% Duty Cycle
- 800A @ 60% Duty Cycle



- 26-CL16 16x10 Cable Lugs
- 26-CL25 25x10 Cable Lugs
- 26-CL35 35x12 Cable Lugs
- 26-CL50 50x12 Cable Lugs
- 26-CL70 70x12 Cable Lugs
- 26-CL95 95x12 Cable Lugs



- 26-DPM25 Male Dinse Plug 10-25mm
- 26-DPM50 Male Dinse Plug 35-50mm
- 26-DPM70 Male Dinse Plug 50-70mm
- 26-DPF25 Female Dinse Plug 10-25mm
- 26-DPF50 Female Dinse Plug 35-50mm
- 26-DPF70 Female Dinse Plug 50-70mm



- 26-PPM25 Male Panel Plug 10-25mm
- 26-PPM50 Male Panel Plug 35-50mm
- 26-PPF25 Female Panel Plug 10-25mm
- 26-PPF50 Female Panel Plug 35-50mm



- 26-WCK16 6 piece Welding Kit 140A-160A
- 26-WCK25 6 piece Welding Kit 250A



- 26-WCST16 Inverter Machine Cable Set for 140A-160A
- 26-WCST25 Inverter Machine Cable Set up to 250A



- 26-WB Mild Steel Wire Brush
- 26-SWB Stainless Steel Wire Brush



- 26-CH Chipping Hammer



- 27-AS-SF Silicone Free Anti Spatter
- 27-AS Anti Spatter
- 27-PEN Penetrant
- 27-DEV Developer
- 27-CLR Cleaner
- 27-ENG-B Engineering Marking Blue
- 27-PIC-N Stainox N Stainless Pickling Paste



- 27-CHALK Soap Stone (Boiler Maker's Chalk)



- 27-OIL-1 Transformer Oil 1L
- 27-OIL-5 Transformer Oil 5L





26-HEL-FF

Heavy Duty Flip Front Helmet

Made with Impact Resistant Polypropylene
Light Weight and Well Balanced Design
Fully Adjustable Headgear
Interchangeable Shade Lens 9 - 13



26-HEL-SSIL

Blue Flame Auto Darkening Helmet
(Non-Adjustable)

Battery Powered with Solar-assist
Two Independent Arc Sensors
1/5000s Lens Darkening Reaction Time
Lightweight Well Balanced Design
Auto Off Circuitry and Low Battery Indicator
Variable Shade 10(11), Variable Sensitivity and Delay Controls
Ideal for Stick, MIG and TIG Welding



26-HEL-SSILM

Black Skull Auto Darkening Helmet
(Non-Adjustable)

Battery Powered with Solar-assist
Two Independent Arc Sensors
1/5000s Lens Darkening Reaction Time
Lightweight Well Balanced Design
Auto Off Circuitry and Low Battery Indicator
Variable Shade 10(11), Variable Sensitivity and Delay Controls
Ideal for Stick, MIG and TIG Welding



26-HEL-SASP

Silver Eagle Auto Darkening Helmet
(Adjustable)

Battery Powered with Solar-assist
Independent Arc Sensors
1/25000s Lens Darkening Reaction time
Lightweight Well Balanced and Fully Adjustable Headgear
Auto Off Circuitry and Low Battery Indicator
Variable Shade 9-13, Variable Sensitivity and Delay Controls
Ideal for Stick, MIG and TIG Welding



26-HEL-ASSP-MX9

Red Web Auto Darkening Helmet
(Adjustable)

Battery Powered with Solar-assist
Independent Arc Sensors
1/25000s Lens Darkening Reaction time
Lightweight Well Balanced and Fully Adjustable Headgear
Auto Off Circuitry and Low Battery Indicator
Variable Shade 9-13, Variable Sensitivity and Delay Controls
Ideal for Stick, MIG and TIG Welding



26-HEL-PRO

Pro Elite Auto Darkening Helmet
(Adjustable)

Battery Powered with Solar-assist
Two Independent Arc Sensors
1/25000s Lens Darkening Reaction time
Lightweight Well Balanced and Fully Adjustable Headgear
Auto Off Circuitry and Low Battery Indicator
Variable Shade 5-8/9-13, Variable Sensitivity and Delay Controls
Ideal for Stick, MIG and TIG Welding



26-LEN08

Lens Shade 8 108 x 51mm

26-LEN10

Lens Shade 10 108 x 51mm

26-LEN11

Lens Shade 11 108 x 51mm

26-LEN12

Lens Shade 12 108 x 51mm

26-LEN-CL

Lens Clear Glass 108 x 51mm

26-LEN-CPL

Lens Clear Plastic 108 x 51mm



26-LEN-NBO

Outer Lens for Non-Adjustable Helmets

26-LEN-300F

Auto Darkening Lense for Non-Adjustable Helmets

26-LEN-NEO

Outer Lens for Adjustable Helmets

26-LEN-500T

Auto Darkening Lense for Adjustable Helmets



26-HG-NB

Headgear for Non-Adjustable Helmets

26-HG-NE

Headgear for Adjustable Helmets



26-WC2X2

Welding Curtain with eye lids 2x2m

26-WC3X2

Welding Curtain with eye lids 3x2m

26-WC3X3

Welding Curtain with eye lids 3x3m



27-RAG

Cleaning Rag

27-HC-5G

Abrasive Hand Cleaner with Grit 500g

27-HC-5KG

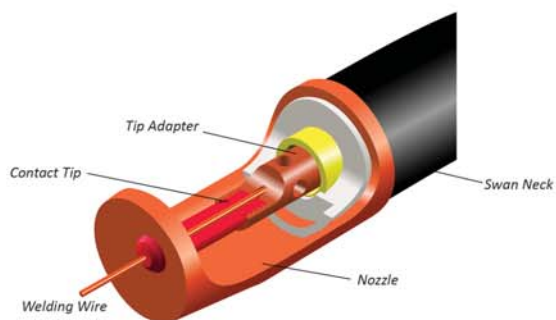
Abrasive Hand Cleaner with Grit 5Kg





P PRO-MAX *MIG Welding*

Gas Metal Arc Welding (GMAW), also known as Metal Inert Gas MIG welding or Metal Active Gas (MAG), is a welding process that uses a consumable wire sometimes coated in flux to lay the weld by using direct current to form an electric arc causing the metals to heat up and melted to be joined together. As the weld is laid, the wire is fed through the torch along with a shielding gas which protects the weld from atmospheric contamination. MIG Welding is used in the construction and industrial environment primarily to weld iron and steels (including stainless steel)



BNZ 15

29-ADAP15 BNZ 15 Tip Adapter

29-SN15 BNZ 15 Swan Neck

29-NOZ15 BNZ 15 Nozzle

29-MB15T BNZ 15 MIG Torch 4m
150A at 60% Duty Cycle
Use with 0.6 - 1.0mm Wire

29-LNB4 Liner 4m Blue
0.6mm - 0.9mm
Use with Mild Steel Wire

29-TLNB4 Teflon Liner 4m Blue
0.9mm - 1.5mm
Use with Aluminium Wire

M6 Contact Tips

29-CT6-08	M6 X 0.8mm
29-CT6-09	M6 X 0.9mm
29-CT6-10	M6 X 1.0mm
29-CT6-12	M6 X 1.2mm
29-CT6-14	M6 X 1.4mm
29-CT6-16	M6 X 1.6mm

BNZ 25

29-ADAP25 BNZ 25 Tip Adapter

29-SN25 BNZ 25 Swan Neck

29-NOZ25 BNZ 25 Nozzle

29-MB25T BNZ 25 MIG Torch 4m
230A at 60% Duty Cycle
Use with 0.8 - 1.2mm Wire

29-LNB4 Liner 4m Blue
0.6mm - 0.9mm
Use with Mild Steel Wire

29-LNR4 Liner 4m Red
1.0mm - 1.2mm
Use with Mild Steel Wire

29-TLNB4 Teflon Liner 4m Blue
0.9mm - 1.5mm
Use with Aluminium Wire

M6 Contact Tips

29-CT6-08	M6 X 0.8mm
29-CT6-09	M6 X 0.9mm
29-CT6-10	M6 X 1.0mm
29-CT6-12	M6 X 1.2mm
29-CT6-14	M6 X 1.4mm
29-CT6-16	M6 X 1.6mm

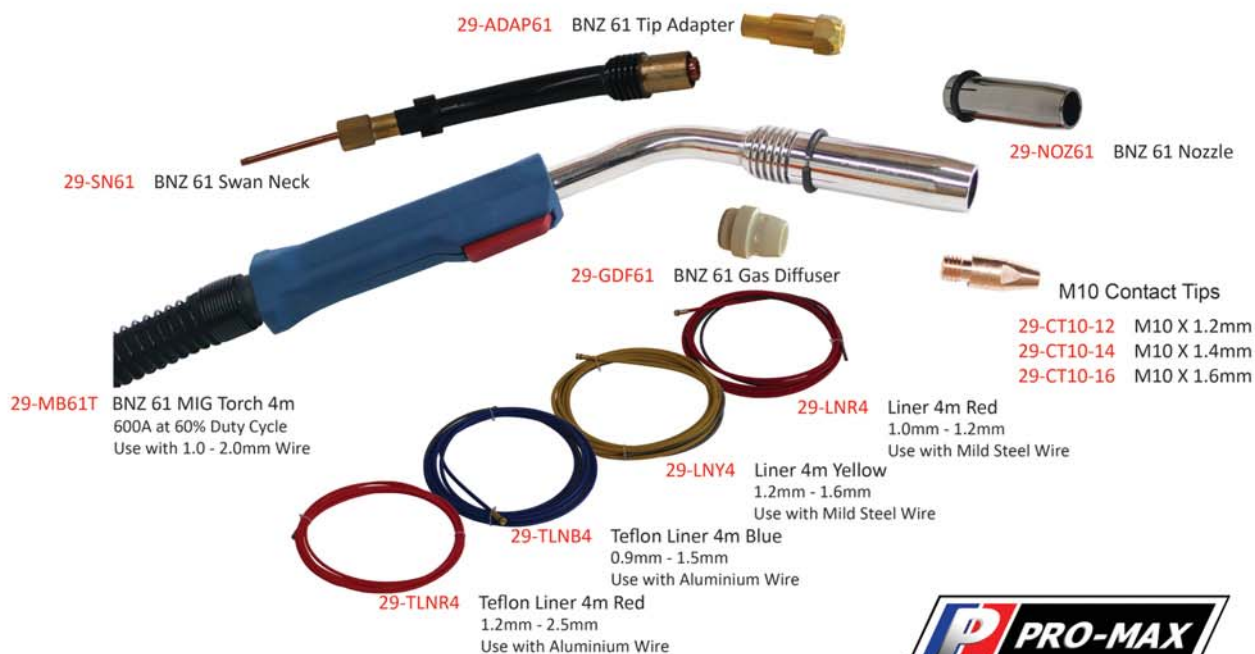
BNZ 36



BNZ 40



BNZ 61



BNZ 501



TWECO No.4



TWECO No.5



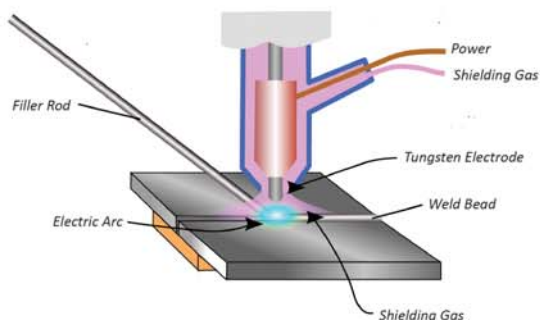


P PRO-MAX *TIG Welding*

Gas Tungsten Arc Welding (GTAW), also known as Tungsten Inert Gas (TIG) welding, is an arc welding process that uses a tungsten electrode to produce the weld. The weld area is protected from atmospheric contamination by an inert shielding gas and a filler metal.

TIG Welding is most commonly used to weld thin sections of stainless steel and non-ferrous metals such as aluminium, magnesium and copper alloys.

TIG Welding is the most versatile when it comes to welding different metals and is used for critical weld joints, welding metals other than common steel, and where precise, small welds are needed.



31-THO16 Thoriated 2% Red Tungsten Electrodes 1.6mm

31-THO24 Thoriated 2% Red Tungsten Electrodes 2.4mm

31-THO32 Thoriated 2% Red Tungsten Electrodes 3.2mm



31-ZIC16 Zirconiated Aluminium White Tungsten Electrodes 1.6mm

31-ZIC24 Zirconiated Aluminium White Tungsten Electrodes 2.4mm

31-ZIC32 Zirconiated Aluminium White Tungsten Electrodes 3.2mm

WP-17V



WP-26V



WP-17TF

31-TB17F WP-17TF Flexi TIG Torch Body

31-WP17T WP-17TF TIG Torch 8m
Heavy Duty Trafimet Type TIG Torch with Flex Head
150A DC at 60% Duty Cycle
115A AC at 60% Duty Cycle
Support electrodes up to 3.2mm

- 31-TGL24 Gas Lens Collet Body 45V26 2.4mm
- 31-BCL Back Cap (Long)
31-BCS Back Cap (Short)

- Collet Body (T17, T18, T26)
- 31-TCB10N31 1.6mm 10N31
31-TCB10N32 2.4mm 10N32
31-TCB10N28 3.2mm 10N28

- Collets (T17, T18, T26)
- 31-TC10N23 1.6mm 10N23
31-TC10N24 2.4mm 10N24
31-TC10N25 3.2mm 10N25

Ceramic Nozzle (T17, T26)

- 31-T10N46 No.8 Nozzle 10N46
31-T10N47 No.7 Nozzle 10N47
31-T10N48 No.6 Nozzle 10N48
31-T10N49 No.5 Nozzle 10N49
31-T10N50 No.4 Nozzle 10N50

WP-26TF

31-TB26F WP-26TF Flexi TIG Torch Body

31-WP26T WP-26TF TIG Torch 8m
Heavy Duty Trafimet Type TIG Torch with Flex Head
200A DC at 60% Duty Cycle
150A AC at 60% Duty Cycle
Support electrodes up to 4.0mm

- 31-TGL24 Gas Lens Collet Body 45V26 2.4mm
- 31-BCL Back Cap (Long)
31-BCS Back Cap (Short)

- Collet Body (T17, T18, T26)
- 31-TCB10N31 1.6mm 10N31
31-TCB10N32 2.4mm 10N32
31-TCB10N28 3.2mm 10N28

- Collets (T17, T18, T26)
- 31-TC10N23 1.6mm 10N23
31-TC10N24 2.4mm 10N24
31-TC10N25 3.2mm 10N25

Ceramic Gas Lens Nozzle (T26)

- 31-TGL54N14 No.8 Nozzle 54N14
31-TGL54N15 No.7 Nozzle 54N15
31-TGL54N16 No.6 Nozzle 54N16
31-TGL54N17 No.5 Nozzle 54N17

Ceramic Nozzle (T17, T26)

- 31-T10N46 No.8 Nozzle 10N46
31-T10N47 No.7 Nozzle 10N47
31-T10N48 No.6 Nozzle 10N48
31-T10N49 No.5 Nozzle 10N49
31-T10N50 No.4 Nozzle 10N50

WP-18WC

31-WP18WC4
31-WP18WC

WP-18 TIG Torch 4m Water Cooled
WP-18 TIG Torch 8m Water Cooled
Heavy Duty Water-cooled TIG Torch with Trigger
350A DC at 60% Duty Cycle
250A AC at 60% Duty Cycle
Support electrodes up to 4.0mm
Used on AC/DC 200P,
AC/DC 315HP HF TIG Inverter

- 31-TGL24 Gas Lens Collet Body 45V26 2.4mm
- 31-BCL Back Cap (Long)
31-BCS Back Cap (Short)

- Collet Body (T17, T18, T26)
- 31-TCB10N31 1.6mm 10N31
31-TCB10N32 2.4mm 10N32
31-TCB10N28 3.2mm 10N28

- Collets (T17, T18, T26)
- 31-TC10N23 1.6mm 10N23
31-TC10N24 2.4mm 10N24
31-TC10N25 3.2mm 10N25

Ceramic Gas Lens Nozzle (T26)

- 31-TGL54N14 No.8 Nozzle 54N14
31-TGL54N15 No.7 Nozzle 54N15
31-TGL54N16 No.6 Nozzle 54N16
31-TGL54N17 No.5 Nozzle 54N17

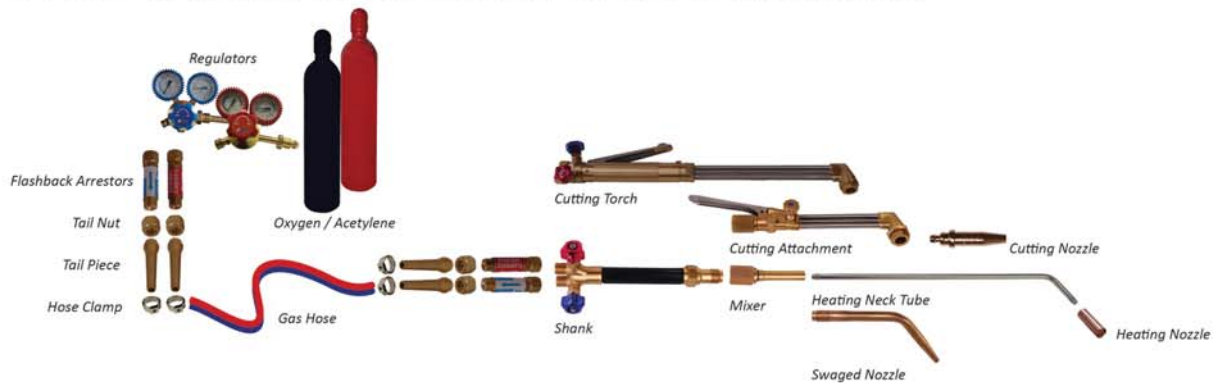
Ceramic Nozzle (T17, T26)

- 31-T10N46 No.8 Nozzle 10N46
31-T10N47 No.7 Nozzle 10N47
31-T10N48 No.6 Nozzle 10N48
31-T10N49 No.5 Nozzle 10N49
31-T10N50 No.4 Nozzle 10N50



P PRO-MAX **GAS** *Welding & Cutting*

Oxy-fuel Welding, also known as Gas Welding or Oxyacetylene Welding, and Oxy-fuel Cutting are processes that use oxygen and gases to weld and cut metals. Oxygen and Acetylene are commonly used to increase the temperature of the flame in order to melt the workpiece. It is one of the oldest welding processes and still widely used for welding pipes, tubes, industrial and repair work. In Gas welding, a welding torch is used to weld two pieces of metal which is heated to a temperature that produces a shared pool of molten metal with additional filler material depending on the metals to be welded. In Gas cutting, a cutting torch is used to heat metal to its kindling temperature. A stream of oxygen is then trained on the metal, burning it into a metal oxide that flows out of the slag.



28-KITPK Welding & Cutting Portapak Kit
(for BOC Type Portapak)

Portapak Kit includes:
Torch Handle
Single Stage Oxygen Regulator
Single Stage Acetylene Regulator
3 Swaged Nozzles (#3, #5, #7)
Nozzle Cleaner
Packaged with Durable Metal Carry Case
Ideal for Brazing, Cutting, Soldering and Precision Welding



28-KITCWR Welding & Cutting Portapak Kit
(Transformer Series)

Transformer Series Welding & Cutting Kit includes:
Goggles
Flint Lighter
Shank Torch Handle (Transformer Series)
Mixer
Cutting Attachment (Transformer Series)
6 Meter Twin Hose
Nozzle Cleaner
Single Stage Oxygen Regulator
Single Stage Acetylene Regulator
ANM 0.8mm Cutting Nozzle
3 Swaged Welding Nozzles (#3, #5, #7)
Packaged with Durable Aluminium Carry Case
Ideal for Brazing, Cutting, Soldering and Precision Welding



28-CTH28 Harris Style Cutting Torch 28

Heavy Duty Hand cutting torch
For acetylene and alternative fuels
Cuts up to 400mm with acetylene, 500mm with propane



28-CTH62 Harris Style Cutting Torch 62

Heavy Duty Straight Cutting Torch
For Acetylene and low-cost fuel gases, such as Propane, Natural Gas, and Propylene
Produce the hottest flame possible at the lowest gas pressure (0.25PSI. - 16.7 PSI)
Cuts up to 300mm



28-CTU Universal Cutting Torch BOC Type

28-CTU-1 Universal Cutting Torch BOC Type
1m Extended 90°

28-CTU-2 Universal Cutting Torch BOC Type
1m Extended 180°

Versatile, well-balanced torch
Capable of cutting steel up to 300mm thick
Excellent flame control and exceptional handling
Feature nozzle mixing technology for added safety and for protecting the torch and operator from accidental backfires
Used with acetylene or propane



28-CUTA Heavy Duty Cutting Attachment



28-CUTA-P Cutting Attachment (for BOC type Portapak)



28-SHANKCWR Transformer Shank Torch Handle



28-CUTACWR Transformer Cutting Attachment





28-HT600
28-HT1000

Stainless Steel Heating Neck Tube 600mm (Oxy/LPG)
Stainless Steel Heating Neck Tube 1000mm (Oxy/LPG)



28-NNUT

Nozzle/Tip Nut (for BOC Universal Torch)



28-MIX

Mixer (SAF Oxygen/Acetylene)



28-MIXHC

High Capacity Mixer (Oxygen/LPG)



28-H2
28-H3
28-H4
28-H5

2H Heating Nozzle
3H Heating Nozzle
4H Heating Nozzle
5H Heating Nozzle



28-SWN3
28-SWN5
28-SWN7

No.3 Swaged Nozzle
No.5 Swaged Nozzle
No.7 Swaged Nozzle



28-AFN08
28-AFN12
28-AFN16

AFN Cutting Nozzle 1/32 0.8mm (for Portapak)
AFN Cutting Nozzle 3/64 1.2mm (for Portapak)
AFN Cutting Nozzle 1/16 1.6mm (for Portapak)

Cuts up to 6mm plates
Cuts up to 20mm plates
Cuts up to 50mm plates



28-ANM08
28-ANM12
28-ANM16
28-ANM20
28-ANM24
28-ANM32

ANM Cutting Nozzle 1/32 0.8mm
ANM Cutting Nozzle 3/64 1.2mm
ANM Cutting Nozzle 1/16 1.6mm
ANM Cutting Nozzle 5/64 2.0mm
ANM Cutting Nozzle 3/32 2.4mm
ANM Cutting Nozzle 1/8 3.2mm

Cuts up to 6mm plates
Cuts up to 12mm plates
Cuts up to 75mm plates
Cuts up to 100mm plates
Cuts up to 150mm plates
Cuts up to 300mm plates



28-ANME08
28-ANME12
28-ANME16
28-ANME20
28-ANME24
28-ANME32

ANME Cutting Nozzle 1/32 0.8mm
ANME Cutting Nozzle 3/64 1.2mm
ANME Cutting Nozzle 1/16 1.6mm
ANME Cutting Nozzle 5/64 2.0mm
ANME Cutting Nozzle 3/32 2.4mm
ANME Cutting Nozzle 1/8 3.2mm

Cuts up to 6mm plates
Cuts up to 12mm plates
Cuts up to 75mm plates
Cuts up to 100mm plates
Cuts up to 150mm plates
Cuts up to 300mm plates



28-PNM08
28-PNM12
28-PNM16
28-PNM20
28-PNM24
28-PNM32

PNM Cutting Nozzle 1/32 0.8mm
PNM Cutting Nozzle 3/64 1.2mm
PNM Cutting Nozzle 1/16 1.6mm
PNM Cutting Nozzle 5/64 2.0mm
PNM Cutting Nozzle 3/32 2.4mm
PNM Cutting Nozzle 1/8 3.2mm

Cuts up to 6mm plates
Cuts up to 12mm plates
Cuts up to 75mm plates
Cuts up to 100mm plates
Cuts up to 150mm plates
Cuts up to 300mm plates



28-PNME08
28-PNME12
28-PNME16
28-PNME20
28-PNME24
28-PNME32

PNME Cutting Nozzle 1/32 0.8mm
PNME Cutting Nozzle 3/64 1.2mm
PNME Cutting Nozzle 1/16 1.6mm
PNME Cutting Nozzle 5/64 2.0mm
PNME Cutting Nozzle 3/32 2.4mm
PNME Cutting Nozzle 1/8 3.2mm

Cuts up to 6mm plates
Cuts up to 12mm plates
Cuts up to 75mm plates
Cuts up to 100mm plates
Cuts up to 150mm plates
Cuts up to 300mm plates



28-AC0
28-AC1
28-AC2
28-AC3
28-AC4

Monarch 62 Harris Style 6290 AC0 Cutting Nozzle
Monarch 62 Harris Style 6290 AC1 Cutting Nozzle
Monarch 62 Harris Style 6290 AC2 Cutting Nozzle
Monarch 62 Harris Style 6290 AC3 Cutting Nozzle
Monarch 62 Harris Style 6290 AC4 Cutting Nozzle

Cuts up to 15mm plates
Cuts up to 25mm plates
Cuts up to 50mm plates
Cuts up to 100mm plates
Cuts up to 175mm plates



28-NX0
28-NX1
28-NX2
28-NX3
28-NX4

Monarch 62 Harris Style 6290 NX0 Cutting Nozzle
Monarch 62 Harris Style 6290 NX1 Cutting Nozzle
Monarch 62 Harris Style 6290 NX2 Cutting Nozzle
Monarch 62 Harris Style 6290 NX3 Cutting Nozzle
Monarch 62 Harris Style 6290 NX4 Cutting Nozzle

Cuts up to 15mm plates
Cuts up to 25mm plates
Cuts up to 50mm plates
Cuts up to 100mm plates
Cuts up to 175mm plates



28-0F
28-1F
28-2F
28-3F
28-4F

Monarch 28 Harris Style 2890 0F Cutting Nozzle
Monarch 28 Harris Style 2890 1F Cutting Nozzle
Monarch 28 Harris Style 2890 2F Cutting Nozzle
Monarch 28 Harris Style 2890 3F Cutting Nozzle
Monarch 28 Harris Style 2890 4F Cutting Nozzle

Cuts up to 15mm plates
Cuts up to 25mm plates
Cuts up to 50mm plates
Cuts up to 100mm plates
Cuts up to 175mm plates



28-NC

Nozzle Cleaner



28-FBA-TO
28-FBA-TA
28-FBA-RO
28-FBA-RA

Flash Back Arrester (Torch) - Oxygen
Flash Back Arrester (Torch) - Acetylene
Flash Back Arrester (Regulator) - Oxygen
Flash Back Arrester (Regulator) - Acetylene



28-TNUT-RH
28-TNUT-LH
28-TNUT-RH-H
28-TNUT-LH-H

BOC 3/8" Right Hand Tail Nut - Oxygen
BOC 3/8" Left Hand Tail Nut - Acetylene
Harris 9/16" Right Hand Tail Nut - Oxygen
Harris 9/16" Left Hand Tail Nut - Acetylene



28-TP8

Tail Piece (for 8mm Hose)



28-BUL
28-BUL-NO
28-BUL-NA

Bull Nose Long (Inlet Stem) 100mm
Bull Nose Nut - Oxygen
Bull Nose Nut - Acetylene



28-HCPA

Parallel Steel Hose Clamp 8mm



28-HCO13
28-HCO15

Oetiker Hose Clamp 13 x 15
Oetiker Hose Clamp 15 x 18



28-HOSE-ACT
28-HOSE-OXY
28-HOSE-LPG

8.0mm Acetylene Hose (Red)
8.0mm Oxygen Hose (Blue)
8.0mm LPG Hose



28-YPO
28-YPA

Y Piece with Valve - Oxygen
Y Piece with Valve - Acetylene



28-REG-OXY-SS
28-REG-ACT-SS

Single Stage Oxygen Regulator
Single Stage Acetylene Regulator



28-REG-OXY-MS
28-REG-ACT-MS

Multi Stage Oxygen Regulator
Multi Stage Acetylene Regulator



28-REG-FLO
28-REG-LPG

Argon Flow Meter
LPG Regulator with Gauge



28-REG-LPGL

Low Pressure LPG Regulator

for 9Kg, 14Kg, 48Kg LPG Cylinder



28-FL
28-FLR

Flint Lighter (Triple Flint)
Flint Lighter Renewal (Triple Flint)



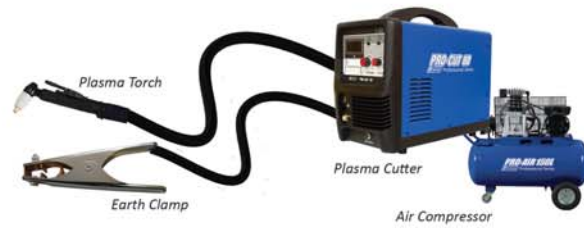
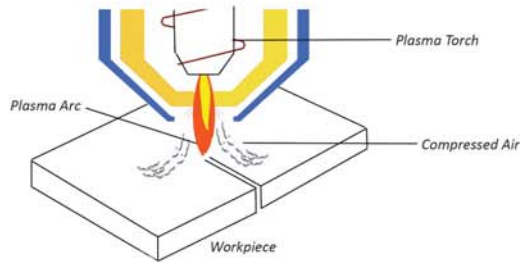
28-DCT

Industrial Double Cylinder Trolley



P PRO-MAX **PLASMA** *Cutting*

Plasma Cutting is a process used to cut steel and other metals of different thickness using a plasma cutter, by mixing high speed compressed air and the electric arc formed from the nozzle, plasma is formed which is hot enough to melt the workpiece and to blow the molten metal away from the cut.



PT31



AG60



P80



JG60



JG100





Safety is the most important part in any project, no matter the size. Promax supplies high quality safety products to ensure that users will be well protected in tackling any types of job from top to bottom. Promax's Safety range will give you the protection you need for your hands, body, eyes, face and also filter the air from the harsh environment in the workplace.



32-GBL200 Blue Lined Yellow Palm Premium Welding Elbow Gloves 200mm



32-GRHR200 Red Heat Resistant Premium Welding Elbow Gloves 200mm



32-GGL200 Green Lined Elbow Gloves 200mm



32-GGL50 Green Lined Wrist Gloves 50mm



32-GCL200 Chrome Leather Double Palm Elbow Gloves 200mm



32-GCL50 Chrome Leather Double Palm Wrist Gloves 50mm



32-GTIG50 Goat Skin VIP TIG Wrist Gloves 50mm



32-GCS50 Premium Candy Strip Wrist Gloves 50mm



32-GPVC50 Red PVC Knitted Cuff Wrist Gloves 50mm



32-GCN50 Cotton Knit Wrist Gloves 50mm



32-APR90 Chrome Leather Apron 1 Piece (A-Grade) 900 x 600mm
32-APR120 Chrome Leather Apron 1 Piece (A-Grade) 600 x 1200mm



32-SPTA Chrome Leather Ankle Spats (A-Grade)



32-YOKE Chrome Leather Yoke (A-Grade)
32-YOKE-XXL Chrome Leather Yoke (A-Grade) XXL





32-EMUF Ear Muff



32-EARP Uncorded Disposable Ear Plug
32-EARPC Corded Disposable Ear Plug



32-FF1 Dust Mask FF1
32-FF2 Dust Mask FF2



32-FF2V Dust Mask FF2 with Valve



32-MONO Mono Goggle



32-BGOG Flip Front Brazing Goggle



32-SPECWAG Wrap Around Spectacle - Green
32-SPECWAC Wrap Around Spectacle - Clear
32-SPECWAA Wrap Around Spectacle - Amber



32-SPECSG Sport Style Spectacle (Anti Scratch & Anti Fog) - Green
32-SPECSB Sport Style Spectacle (Anti Scratch & Anti Fog) - Black
32-SPECSC Sport Style Spectacle (Anti Scratch & Anti Fog) - Clear
32-SPECSA Sport Style Spectacle (Anti Scratch & Anti Fog) - Amber



32-SPECEURG Euro Style Spectacle (Adjustable Frame) - Green
32-SPECEURC Euro Style Spectacle (Adjustable Frame) - Clear
32-SPECEURB Euro Style Spectacle (Adjustable Frame) - Black
32-SPECEURA Euro Style Spectacle (Adjustable Frame) - Amber



32-FC Complete Face Shield



32-SKUL Welding Skull Caps with Flap



32-REFV Lime Reflective Vest with Zip & ID



PRO-MAX ***PREPACK** Retail Welding Solutions*





50-PPMS25 Machine Socket 10-25mm



50-PPDP25 Dinse Plug 10-25mm



50-PPMS50 Machine Socket 35-50mm



50-PPDP50 Dinse Plug 35-50mm



50-PPLEN-CL Clear Lens 108 x 51



50-PPLEN8 Shaded #8 Lens



50-PPLEN10 Shaded #10 Lens



50-PPLEN12 Shaded #12 Lens



50-PPLEN-CPL Small Solar lens



50-PPHEL-SOL Large Solar Lens



50-PPNOZ15 BZ 15 Nozzle



50-PPNOZ25 BZ 25 Nozzle



50-PPNOZ35 BZ 36 Nozzle



50-PPMSK15 BZ 15 MIG Starter Kit



50-PPMSK25 BZ 25 MIG Starter Kit



50-PPMSK36 BZ 36 MIG Starter Kit



50-PPCK16 Cable Kit 16mm



50-PPWC16 Welding Cable 16mm



50-PPWC25 Welding Cable 25mm



50-PPHOSE6A Acetylene Hose



50-PPHOSE6O Oxygen Hose



50-PPUCT Universal Cutting Torch Type 2



50-PPCUTAT Safire Type Cutting Attachment



50-PPTHO24 Thoriated Tungsten 2.4mm



50-PPZIC16 Zirconiated Tungsten 1.6mm



50-PPZIC24 Zirconiated Tungsten 2.4mm



50-PPTSCT Thoriated TIG Starter Kit



50-PPTSZ Zirconiated TIG Starter Kit



50-PPFL Flint Lighter



50-PPSHANK Safire Type Shank



50-PPSKUL Skull Cap



50-LNB4 Liner 4m



50-PPTH016 Thoriated Tungsten 1.6mm



50-PPEHPT4 Optimus Electrode Holder 400Amp



50-PPEHPT6 Optimus Electrode Holder 600Amp



50-PPEHTL4 Twist Lock Electrode Holder 400Amp



50-PPCH Chipping Hammer



50-PPWB Wire Brush



50-PPEC200 Earth Clamp 200Amp



50-PPEC400 Earth Clamp 400Amp



50-PPEC600 Earth Clamp 600Amp



50-PPEHKD3 KD Electrode Holder 300Amp



50-PPEHKD5 KD Electrode Holder 500Amp



29-MB15T BZN15 MIG Torch 4m



29-MB25T BZN25 MIG Torch 4m



29-MB36T BZN36 MIG Torch 4m



31-WP17V TIG Torch WP17V 4m



50-PPHEL-FF Flip Front Helmet



26-HEL-SIL Non-Adjustable Solar Helmet



26-HEL-ASP Adjustable 9-13 Solar Helmet



27-OIL-1 Transformer Oil 1l
27-OIL-5 Transformer Oil 5l



27-AS Anti Spatter



28-REG-OX-SS Single Stage Regulator - Oxygen



28-REG-AC-SS Single Stage Regulator - Acetylene



28-REG-FLO Argon Flow Meter



50-PPGTIG50 Argon TIG Gloves 50mm



50-PPGCL50 Chrome leather Gloves 50mm



50-PPGCL200 Chrome leather Gloves 200mm



50-PPGGL50 Green Padded Gloves 50mm



50-PPGGL200 Green Padded Gloves 200mm



50-PPGHR200 Heat Resistant Gloves 200mm



50-PPSPECSC Sport Spectacles Clear



50-PPSPECSG Sport Spectacles Green



50-PPSPECWAC Wrap Around Spectacles Clear



50-PPSPECWAG Wrap Around Spectacles Green



50-PPMONO Mono Goggles



50-PPBGOG Brazing Goggles





P PRO-MAX *Consumables*

PRO E6013 General Purpose Mild Steel



Chemical Analysis

Carbon	Manganese	Silicon	Phosphorus	Sulphur
0.12	0.35	0.50	0.035	0.035
max	0.60	max	max	max

Mechanical Properties

Proof Stress	0.2%
Yield Strength	330 N/mm ² min
Ultimate Tensile Strength	430 N/mm ² min
Elongation	22 % min
Charpy V-Notch	+20°C 70 J

SP Industrial Grade Mild Steel



Chemical Analysis

Carbon	Manganese	Silicon	Phosphorus	Sulphur
0.12	0.35	0.50	0.035	0.035
max	0.60	max	max	max

Mechanical Properties

Proof Stress	0.2%
Yield Strength	330 N/mm ² min
Ultimate Tensile Strength	430 N/mm ² min
Elongation	22 % min
Charpy V-Notch	+20°C 70 J

SUPERPRO Mild Steel



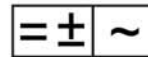
Chemical Analysis

Carbon	Manganese	Silicon	Phosphorus	Sulphur
0.12	0.35	0.50	0.035	0.035
max	0.60	max	max	max

Mechanical Properties

Proof Stress	0.2%
Yield Strength	330 N/mm ² min
Ultimate Tensile Strength	430 N/mm ² min
Elongation	22 % min
Charpy V-Notch	+20°C 70 J

Current Type



Welding Positions



Promax Pro E6013 is a high quality general purpose rutile electrode that can be welded in all positions including vertical down. Pro E6013 provides a smooth running low spatter loss, quick freezing, self lifting slag and an excellent weld bead appearance. It can weld a wide range of steel like Carbon Manganese Steels with Carbon less than 0.3%, normal Mild Steel and Structural Steel. Its application includes general fabrication of tubes, round bar, plates, pipes, also for maintenance and repairs on spare part of Carbon Steel

Product Code	Diameter	Length	Welding Current	Packaging
1-MS25-1	2.50mm	350mm	60-95 A	1 Kg
1-MS32-1	3.20mm	350mm	80-120 A	1 Kg
1-MS20-4	2.00mm	300mm	40-70 A	4 Kg
1-MS25-5	2.50mm	350mm	60-95 A	5 Kg
1-MS32-5	3.20mm	350mm	80-120 A	5 Kg
1-MS40-5	4.00mm	350mm	100-150 A	5 Kg
1-MS50-5	5.00mm	450mm	140-200 A	5 Kg

Similar Copper Coated Gas Rod

13-CCR16	1.6mm
13-CCR24	2.4mm
13-CCR32	3.2mm

Similar TIG Rod ER70S-6

12-T16	1.6mm
12-T20	2.0mm
12-T24	2.4mm
12-T32	3.2mm

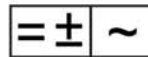
Similar MIG Wire ER70S-6

6-MIG8	0.8mm
6-MIG9	0.9mm
6-MIG10	1.0mm
6-MIG12	1.2mm
6-MIG16	1.6mm

Classification

AWS/ASME SFA 5.1 E6013
SABS 455 E4313/0315
BS 639 E 4322 R11
DIN 1913 E 4322 R3

Current Type



Welding Positions



Promax SP is a high quality industrial grade general purpose rutile electrode that can be welded in all positions including vertical down. Promax SP provides a smooth running low spatter loss, quick freezing, self lifting slag and an excellent weld bead appearance. It can weld a wide range of steel like Carbon Manganese Steels with Carbon less than 0.3%, normal Mild Steel and Structural Steel. Its application includes general fabrication of tubes, round bar, plates, pipes, also for maintenance and repairs on spare part of Carbon Steel

Product Code	Diameter	Length	Welding Current	Packaging
1-SP255	2.50mm	350mm	60-95 A	5 Kg
1-SP325	3.20mm	350mm	80-120 A	5 Kg
1-SP405	4.00mm	350mm	100-150 A	5 Kg

Similar Copper Coated Gas Rod

13-CCR16	1.6mm
13-CCR24	2.4mm
13-CCR32	3.2mm

Similar TIG Rod ER70S-6

12-T16	1.6mm
12-T20	2.0mm
12-T24	2.4mm
12-T32	3.2mm

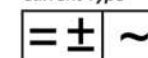
Similar MIG Wire ER70S-6

6-MIG8	0.8mm
6-MIG9	0.9mm
6-MIG10	1.0mm
6-MIG12	1.2mm
6-MIG16	1.6mm

Classification

AWS/ASME SFA 5.1 E6013
SABS 455 E4313/0315
BS 639 E 4322 R11
DIN 1913 E 4322 R3

Current Type



Welding Positions



Promax SuperPRO is an extra high quality general purpose mild steel electrode weldable in all positions. SuperPRO is for welding steels with wet, dirty and contaminated surfaces, including thin gauge steel plates, tubing pipes and other sections. This electrode is also excellent for welding fine grained and structural steels, and can weld a wide range of steel like Carbon Manganese Steels with Carbon less than 0.3%, normal Mild Steel and Structural Steel. Its application includes general machinery, vehicles, buildings and low carbon metal structure.

Product Code	Diameter	Length	Welding Current	Packaging
1-SPRO25	2.50mm	350mm	60-95 A	5 Kg
1-SPRO32	3.20mm	350mm	80-120 A	5 Kg
1-SPRO40	4.00mm	350mm	100-150 A	5 Kg

Similar Copper Coated Gas Rod

13-CCR16	1.6mm
13-CCR24	2.4mm
13-CCR32	3.2mm

Similar TIG Rod ER70S-6

12-T16	1.6mm
12-T20	2.0mm
12-T24	2.4mm
12-T32	3.2mm

Similar MIG Wire ER70S-6

6-MIG8	0.8mm
6-MIG9	0.9mm
6-MIG10	1.0mm
6-MIG12	1.2mm
6-MIG16	1.6mm

Classification

AWS/ASME SFA 5.1 E6013
SABS 455 E4313/0315
BS 639 E 4322 R11
DIN 1913 E 4322 R3



CITOMAX E7018-1 Low Hydrogen



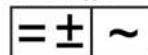
Chemical Analysis

Carbon	Manganese	Silicon	Phosphorus	Sulphur
0.12	0.70	0.60	0.035	0.035
max	1.20	max	max	max

Mechanical Properties

Yield Strength	470 N/mm ² min
Ultimate Tensile Strength	530 N/mm ² min
Elongation	32 % min
Charpy V-Notch	+150°C 70 J

Current Type



Welding Positions



Promax Pro E7018-1 is a basic coated hydrogen controlled electrode designed to weld on DC and AC current also in all positions except vertical down. This electrode has an excellent weld bead appearance, low spatter and easy restrike. It welds C-Mn and low alloy steels, ship building, boilers, storage tanks and high sulphur steels and other that require X-ray examination.

Product Code	Diameter	Length	Welding Current	Packaging
1-LH25	2.50mm	350mm	60-110 A	5 Kg
1-LH32	3.20mm	350mm	100-145 A	5 Kg
1-LH40	4.00mm	350mm	145-190 A	5 Kg
1-LH50	5.00mm	450mm	190-250 A	5 Kg

Similar MIG Wire ER70S-6

6-MIG8	0.8mm
6-MIG9	0.9mm
6-MIG10	1.0mm
6-MIG12	1.2mm
6-MIG16	1.6mm

Similar TIG Rod ER70S-6

12-T16	1.6mm
12-T20	2.0mm
12-T24	2.4mm
12-T32	3.2mm

Similar Flux core E71 T-11

10-FCG9-45	0.9mm
10-FCG12-15	1.2mm
E71T-1	
10-FC-12	1.2mm
10-FC-16	1.6mm
10-FC9-5	0.9mm
10-FC12-45	1.2mm

Classification
AWS/ASME SFA 5.1 E7018-1
SAB5 455 E51181-4427H
DIN 1913 E 51 55 810

E7024 Iron Powder



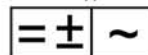
Chemical Analysis

Carbon	Manganese	Silicon	Phosphorus	Sulphur
0.12	1.25	0.60	0.035	0.035
max	max	max	max	max

Mechanical Properties

Yield Strength	420 N/mm ² min
Ultimate Tensile Strength	510 N/mm ² min
Elongation	24 % min
Charpy V-Notch	+20°C 70 J

Current Type



Welding Positions



Promax Pro E7024 is a heavily coated iron powder rutile electrode for high speed welding in a wide range of fabrication work such as structural and mild steel heavy sections. Easy self lifting slag and very little spatter. Weld deposit are very neat finely rippled. It can weld a wide range of structural and mild steel such as tanks, girders, beams, frames, rolling stock and general fabrication.

Product Code	Diameter	Length	Welding Current	Packaging
1-IP32	3.20mm	450mm	120-160 A	5 Kg
1-IP40	4.00mm	450mm	150-225 A	5 Kg
1-IP50	5.00mm	450mm	190-320 A	5 Kg

Similar MIG Wire ER70S-6

6-MIG8	0.8mm
6-MIG9	0.9mm
6-MIG10	1.0mm
6-MIG12	1.2mm
6-MIG16	1.6mm

Similar TIG Rod ER70S-6

12-T16	1.6mm
12-T20	2.0mm
12-T24	2.4mm
12-T32	3.2mm

Similar Flux core E71 T-11

10-FCG9-45	0.9mm
10-FCG12-15	1.2mm
E71T-1	
10-FC-12	1.2mm
10-FC-16	1.6mm
10-FC9-5	0.9mm
10-FC12-45	1.2mm

Classification
DIN 1913 E 51 32 RR 11 160
AWS/ASME SFA 5.1 E7024

PRO E6010 Pipe Weld



Chemical Analysis

Carbon	Manganese	Silicon	Phosphorus	Sulphur	Nickel	Molybdenum	Chromium	Vanadium
≤0.12	0.3-0.6	≤0.35	≤0.040	≤0.035	≤0.30	≤0.30	≤0.20	≤0.08

Mechanical Properties

Yield Strength	≥ 420 N/mm ² min
Ultimate Tensile Strength	≥ 330 N/mm ² min
Elongation	17 % min
Charpy V-Notch	+20°C 70 J

Current Type



Welding Positions



Promax Pro E6010 is a high cellulose sodium type mild steel, user friendly pipe welding electrode for high speed welding in a wide range of fabrication work such as piping and mild steel heavy sections. It has a low spatter level, easy slag removal and an excellent reverse bead formation on butts also a versatile "Out of position" capabilities.

Product Code	Diameter	Length	Welding Current	Packaging
1-6025	2.50mm	350mm	45-85 A	5 Kg
1-6032	3.20mm	350mm	70-125 A	5 Kg
1-6040	4.00mm	350mm	120-190 A	5 Kg

Classification
AWS A5.1 E6010

ER4047 12% Si Aluminium



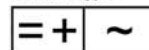
Chemical Analysis

Aluminium	Manganese	Silicon
Base	0.2	12.0

Mechanical Properties

Ultimate Tensile Strength	180 N/mm ²
Elongation	5 % min

Current Type



Welding Positions



Promax Pro AluARC E4047 is an extruded electrode for the repair of automotive parts, pipes, trailers, tanks, aluminium castings, etc.

Product Code	Diameter	Length	Welding Current	Packaging
3-AE25	2.40mm	350mm	40-90 A	2 Kg
3-AE32	3.20mm	350mm	80-110 A	2 Kg
3-AE40	4.00mm	350mm	110-150 A	2 Kg

Classification
AWS/ASME SFA 5.10 E4047
DIN1732 EL-ALSi

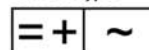
Similar TIG Rod ER4047

15-T47-16	1.6mm
15-T47-24	2.4mm
15-T47-32	3.2mm

PRO Gouge



Current Type



Welding Positions



Promax Pro Gouge is a Carbon Cellulose extruded electrode specially designed for Gouging, Grooving and Cutting of a wide range of materials such as Steel, Stainless Steel, Aluminium, Aluminium Alloys, Brass, Cast Iron etc. It's application includes Dies, Pipes, Castings, Armour Plating and Re-work of Plates. When gouging defected area or cracks, hold the electrode on an angle of 10°-20° to the work piece, use saw action (brush stroke movement) gouge forward.

Product Code	Diameter	Length	Welding Current	Packaging
3-PG32	3.20mm	350mm	220-300 A	3 Kg
3-PG40	4.00mm	350mm	270-360 A	3 Kg

PRO Hard 55 Hardfacing



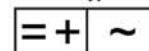
Chemical Analysis

Carbon	Manganese	Silicon	Sulfur	Chromium	Phosphorus
3.0-4.0	0.6-1.00	0.5-1.00	≤0.030	27.0-30.0	≤0.030

Mechanical Properties

Weld Metal Hardness (as welded)	50-55 HRC
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Current Type



Welding Positions



Promax Prohard 55 is a basic type coated electrode easy to weld, striking and restriking is excellent, weld bent is smooth and easy slag removal, the weld deposit can withstand impact at medium loads under abrasive conditions. It's application includes build up dredger teeth, screw conveyors impeller press mould, hammers, mixer blades, excavator bucket lips and general earth moving equipment. If parent material was welded before alloy buffer layer with E307-16 electrode, don't apply more than three layers.

Re-dry For 1 hour @ 250°C

Product Code	Diameter	Length	Welding Current	Packaging
2-HF5-32	3.20mm	350mm	110-130 A	5 Kg
2-HF5-40	4.00mm	350mm	140-160 A	5 Kg
2-HF5-50	5.00mm	450mm	170-190 A	5 Kg

Classification
DIN 8555 E 4-UM-60
E 10-UM58-GP

Similar Flux cored 55HRC

18-MHF5-12	1.2mm
18-MHF5-16	1.6mm

PRO Hard 60 Hardfacing



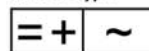
Chemical Analysis

Carbon	Chromium
2.5	30.00
3.5	33.00

Mechanical Properties

Weld Metal Hardness (as welded)	60-62 HRC
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Current Type



Welding Positions



Promax Prohard 60 is a basic type coated electrode easy to weld, striking and restriking is excellent, weld beat is smooth due to the hardness of the weld. Weld deposit can withstand severe abrasion and moderate impact. Applications include build up dredger teeth, screw conveyors impeller press moulds, guides, hammers, mixer blades, graders and dozer blades and general earth moving equipment. If parent material was welded before, apply buffer layer with PRO E307-16 electrode, do not apply more than three layers hardfacing. Re-dry For 1 hour @ 250°C

Product Code	Diameter	Length	Welding Current	Packaging
2-HF6-32	3.20mm	350mm	110-130 A	4 Kg
2-HF6-40	4.00mm	350mm	140-160 A	4 Kg

Classification
DIN 8555 E 10-UM-60-GR

Similar Flux cored 60HRC

18-MHF6-12	1.2mm
18-MHF6-16	1.6mm



Sucroseweld 80 sugar mill rollers Hardfacing



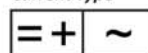
Chemical Analysis

Carbon	Chromium	Silicon	Manganese
4.00	25.0	3.00	1.00

Mechanical Properties

Weld Metal Hardness (as welded)	50-55 HRC
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Current Type



Welding Positions



Promax Sucroseweld 80 is especially designed for the roughing up of cane rollers, it is exceptionally suited for operations where the arc must be maintained while the cane juice coated roller is in motion, through its stable arc produces a chrome carbide of superior structure. It is suitable for building up of excavator bucket lips and teeth, dragline buckets, and conveyor screws etc.

Product Code	Diameter	Length	Welding Current	Packaging
2-HF8-40	4.00mm	350mm	120-150 A	4 Kg

Classification
DIN 8555 E 10-UM-60-GR
AS 2576: 2358-A4



Similar Flux cored 55HRC
18-MHF5-12 1.2mm
18-MHF5-16 1.6mm

PRO Cast 55 ENiFe-C1 Cast Iron



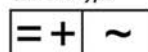
Chemical Analysis

Carbon	Manganese	Silicon	Iron	Nickel
2.0	1.80	2.50	Balance	60.0

Mechanical Properties

Ultimate Tensile Strength	430 N/mm ² min
Elongation	22 % min
Hardness	200HB

Current Type



Welding Positions



Promax Procast 55 is a basic graphite coated nickel/iron cored electrode. Joining of cast iron to mild steel has an excellent wetting action on most iron. It is used for joining and repairing all types of cast iron such as grey, malleable nodular and phosphorous cast iron welding of highly restrained or thick walled pieces.

Product Code	Diameter	Length	Welding Current	Packaging
4-NI5-25	2.50mm	350mm	40-90 A	1 Kg
4-NI5-32	3.20mm	350mm	80-110 A	1 Kg
4-NI5-40	4.00mm	350mm	110-150 A	1 Kg

Classification
AWS/ASME SFA 5.15 E NiFe-C1
DIN 8573 E NiFe BG1

PRO Cast 99 ENI-C1 Cast Iron



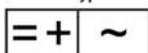
Chemical Analysis

Carbon	Manganese	Silicon	Copper	Nickel
≤2.00	≤1.00	≤4.00	≤2.50	Base

Mechanical Properties

Ultimate Tensile Strength	400 N/mm ² min
Hardness	175HB

Current Type



Welding Positions



Promax Procast 99 is a basic graphite coated electrode with nickel-core wire. This electrode produce a machinable weld on cast iron without any preheating. It produces a soft stable arc with minimal penetration and spatter excellent maintenance and repair electrode. It can weld a wide range of cast iron components such as engine blocks, cylinder heads, differential housing, gear boxes, pumps, etc.

Product Code	Diameter	Length	Welding Current	Packaging
4-NI9-25	2.50mm	350mm	40-90 A	1 Kg
4-NI9-32	3.20mm	350mm	80-110 A	1 Kg
4-NI9-40	4.00mm	350mm	110-150 A	1 Kg

Classification
AWS/ASME SFA 5.15 E Ni-C1
DIN 8573 E Ni-BG1

Stainox 307 Stainless Steel



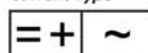
Chemical Analysis

Carbon	Manganese	Silicon	Phosphorus	Sulphur	Chromium	Nickel
0.08	6.0	0.6	0.035	0.035	17.5	8.0
0.11	8.0	1.0	max	max	20.0	10.5

Mechanical Properties

Yield Strength	420 N/mm ²
Tensile Strength	650 N/mm ²
Elongation	35 % min
Charpy V-Notch	60 J

Current Type



Welding Positions



Promax Stainox 307-16 is a heavily metal coated rutile electrode with a deposit rate of 160%, Scale resistant up to 850°C. Due to the heavily coated rutile base flux with an easy slag removal, little spatter and fine rippled weld finish. Its application is to join dissimilar steels such as: Manganese Steel to Mild Steel; Mild Steel to Low Alloyed Steel; Mild Steel to Chrome Steel; Mild Steel to Stainless Steel. Buffer Layer prior to hardfacing. Re-dry For 1-2 hours @ 250°C

Product Code	Diameter	Length	Welding Current	Packaging
5-307-32	3.20mm	450mm	110-150 A	2 Kg
5-307-40	4.00mm	450mm	140-200 A	2 Kg

Classification
AWS/ASME SFA 5.4 E307-16
DIN 8556 E 18 8MN MPR36 160



Similar MIG Wire ER30Si
8-M307-10 1.0mm
8-M307-12 1.2mm



Stainox 308L-16 Stainless Steel



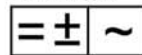
Chemical Analysis

Carbon	Manganese	Silicon	Phosphorus	Sulphur	Chromium	Nickel
0.03	0.50	1.0	0.035	0.035	18.0	8.0
max	2.50	max	max	max	21.0	11.0

Mechanical Properties

Tensile Strength	580 N/mm ²
Elongation	35 % min
Charpy V-Notch	60 J

Current Type



Welding Positions



Promax Stainox 308L-16 is a rutile coated electrode with an austenitic core-wire-alloy low carbon content. It is weldable in all position except vertical down. It has a stable arc, easy strike and restrike, the weld after cleaning leaves fine ripple seam surface without under cuttings. It is suitable for welding and joining Cr Ni steels of the same nature, further application welding materials 304L, 302, 304. Re-dry For 1-2 hours @ 250°C

Product Code	Diameter	Length	Welding Current	Packaging
5-308-25	2.50mm	350mm	40-70 A	2 Kg
5-308-32	3.20mm	350mm	75-110 A	2 Kg
5-308-40	4.00mm	350mm	110-150 A	2 Kg

Classification

AWS/ASME SFA 5.4 E308L-16
DIN 8556 E 19 9 LR26

Similar MIG Wire ER308LSi

8-M308-8	0.8mm
8-M308-9	0.9mm
8-M308-10	1.0mm
8-M308-12	1.2mm

Similar TIG Rod ER308

14-T308-12	1.2mm
14-T308-16	1.6mm
14-T308-24	2.4mm
14-T308-32	3.2mm

Stainox 309L-16 Stainless Steel



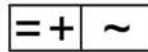
Chemical Analysis

Carbon	Manganese	Silicon	Phosphorus	Sulphur	Chromium	Nickel
0.03	0.50	1.0	0.040	0.035	22.0	12.0
max	2.50	max	max	max	25.0	14.0

Mechanical Properties

Tensile Strength	590 N/mm ²
Elongation	35 % min
Charpy V-Notch	70 J

Current Type



Welding Positions



Promax Stainox 309L-16 is a rutile type stainless steel electrode with good weld ability, it has a low carbon content, smooth running, easy slag removal, low spatter, welds in all position except for vertical down. It is suitable for welding dissimilar steel, carbon manganese steels, low alloy steels, mild steel and 19% chromium 9% Nickel Steel. It can also be used to weld buffer layer before hardfacing. Re-dry For 2 hours @ 250°C

Product Code	Diameter	Length	Welding Current	Packaging
5-309-25	2.50mm	350mm	60-80 A	2 Kg
5-309-32	3.20mm	350mm	90-110 A	2 Kg
5-309-40	4.00mm	350mm	110-150 A	2 Kg

Classification

AWS/ASME SFA 5.4 E309L-16
DIN 8556 E 23.12 NCR 26

Similar MIG Wire ER309LSi

8-M309-8	0.8mm
8-M309-9	0.9mm
8-M309-10	1.0mm
8-M309-12	1.2mm

Similar TIG Rod ER309L

14-T309-16	1.6mm
14-T309-24	2.4mm
14-T309-32	3.2mm

Stainox 310-16 Stainless Steel



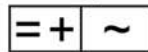
Chemical Analysis

Carbon	Manganese	Silicon	Phosphorus	Sulphur	Chromium	Nickel
0.06	0.50	0.9	0.035	0.035	25.0	20.0
0.10	2.50	max	max	max	28.0	20.0

Mechanical Properties

Tensile Strength	600 N/mm ²
Elongation	35 % min
Charpy V-Notch	80 J

Current Type



Welding Positions



Promax Stainox 310-16 is a rutile type coated electrode welds metal of austenitic structure, with it's 25% chromium 20% nickel weld deposit makes it suitable for temperatures up to 1200°C also good against corrosion. It is suitable for welding type 309, 310 stainless steel and ferritic stainless steel where the chromium content is higher than 15%. Application includes repair and welding of cryogenic high temperature components such as steam boilers fabrication industries. Re-dry For 2 hours @ 250°C

Product Code	Diameter	Length	Welding Current	Packaging
5-310-25	2.50mm	350mm	70-95 A	2 Kg
5-310-32	3.20mm	350mm	100-120 A	2 Kg
5-310-40	4.00mm	350mm	125-140 A	2 Kg

Classification

AWS/ASME SFA 5.4 E310-16
DIN 8556 E 19 9 LR26



Similar MIG Wire ER310

8-M310-12 1.2mm

Stainox 312 Blue Stainless Steel



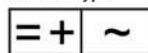
Chemical Analysis

Carbon	Manganese	Silicon	Phosphorus	Sulphur	Chromium	Nickel
0.15	0.50	1.0	0.04	0.035	28.0	8.0
max	2.50	max	max	max	32.0	10.5

Mechanical Properties

Tensile Strength	700 N/mm ²
Elongation	22 % min
Charpy V-Notch	80 J @ 20°C

Current Type



Welding Positions



Promax Stainox 312-16 is a rutile coated stick electrode to weld stainless steel to problem steel, mild to low alloyed steel, high alloyed steel to manganese steel and welded metal with high chrome content. It is machinable and scale resistant up to 1000°C. It has a stable arc, smooth & finely rippled seams, and easy slag removal. It is suitable for buffer layer before hardface of dredger teeth, crusher jaws, crusher cones, beating arms, knives and dies in plastics processing industry, hot trimming plates, hot shearing knives, hot stamps and die punches.

Product Code	Diameter	Length	Welding Current	Packaging
5-312-25	2.50mm	300mm	40-80 A	2 Kg
5-312-32	3.20mm	350mm	75-110 A	2 Kg
5-312-40	4.00mm	350mm	110-150 A	2 Kg

Classification

AWS/ASME SFA 5.4 E312-16
DIN 8556 E 29 9 R23



Similar MIG Wire ER312

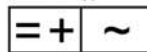
8-M312-12 1.2mm



Stainox 316L-16 stainless Steel



Current Type



Welding Positions



Promax Stainox 316L-16 is a low carbon rutile type stainless steel electrode. It has a smooth arc transfer, low spatter, fine ripple seams surface & easy slag removal. It is suitable for welding general purpose materials such as 316L, 316, 316Ti, 316Cb, 3CR12, 317L, 317 as well as other 300 series 301, 302, 303, 304 and 304L, the molybdenum contents makes it resistant to pitting and corrosion. Re-dry For 1-2 hours @ 250°C

Chemical Analysis

Carbon	Manganese	Silicon	Molybdenum	Phosphorus	Sulphur	Chromium	Nickel
0.03	0.50	1.0	2.0	0.04	0.035	17.0	11.0
max	2.50	max	3.0	max	max	20.0	14.0

Mechanical Properties

Tensile Strength	570 N/mm ²
Elongation	35 % min
Charpy V-Notch	70 J

Product Code	Diameter	Length	Welding Current	Packaging
5-316-25	2.50mm	350mm	55-75 A	2 Kg
5-316-32	3.20mm	350mm	80-110 A	2 Kg
5-316-40	4.00mm	350mm	110-140 A	5 Kg

Classification

AWS/ASME SFA 5.4 E316L-16
DIN 8556 E 19123 LR26
BS 2926.19.12.3 LR

Similar MIG Wire ER316LSi

8-M316-8	0.8mm
8-M316-9	0.9mm
8-M316-10	1.0mm
8-M316-12	1.2mm

Similar TIG Rod ER316

14-T316-12	1.2mm
14-T316-16	1.6mm
14-T316-24	2.4mm
14-T316-32	3.2mm

Similar Flux cored E316LTI-1
19-MFC316-12 1.2mm

Gouging Carbon



Non-Jointed Type

Product Code	Diameter	Length	Welding Current	Packaging
17-GC5	5.00mm	305mm	150-200 A	50 pc/box
17-GC65	6.50mm	305mm	200-250 A	50 pc/box
17-GC80	8.00mm	305mm	250-350 A	50 pc/box
17-GC95	9.50mm	305mm	350-450 A	50 pc/box

Current Type



Welding Positions



Promax Gouging Carbon electrodes is a carbon rod, with copper coating to carry conductivity. It can gouge and groove a wide range of materials: Steel, stainless steel, copper, aluminium, brass, cast iron and bronze. When gouging defect or cracks, Hold the electrode on an angle of 10°-20° to the work piece, use a saw motion (brushstroke movement) to gouge forward. For gouging stainless steel, grinding is required to remove carbon before welding.

Jointed Type

Product Code	Diameter	Length	Welding Current	Packaging
17-GCJ095	9.50mm	355mm	350-450 A	50 pc/box
17-GCJ13	13.0mm	355mm	700-900 A	50 pc/box
17-GCJ16	16.0mm	355mm	1000-1200 A	50 pc/box

Bronze Brazing Rods BBR Bare



Chemical Analysis

Copper	Zinc	Silicon
60	39.7	0.3

Mechanical Properties

Tensile Strength	370 N/mm ²
Elongation	25.5 % min
Hardness	95.5

Promax Pro Bronze is a good general purpose braze-welding filler metal. It's applications include the welding of copper, steel, cast and wrought iron to form structural joints, the repair and rebuilding of worn or damaged ferrous components and defective castings, also joints between dissimilar metals (e.g. copper to ferrous metals)

Product Code	Diameter	Packaging
20-BBR16	1.60mm	10 Kg
20-BBR20	2.00mm	10 Kg
20-BBR30	3.00mm	10 Kg

Classification

ASTM/AWS R Cu Zn C
DIN 8513 L-CuZn40
UNS C68'00
BS 1845 CZ7
SABS 392

Bronze Brazing Rods BBR Flux Coated



Chemical Analysis

Copper	Zinc	Silicon
60	39.7	0.3

Mechanical Properties

Tensile Strength	370 N/mm ²
Elongation	25.5 % min
Hardness	95.5

Promax Pro Bronze is a good general purpose braze-welding filler metal. It's applications include the welding of copper, steel, cast and wrought iron to form structural joints, the repair and rebuilding of worn or damaged ferrous components and defective castings, also joints between dissimilar metals (e.g. copper to ferrous metals)

Product Code	Diameter	Packaging
20-BBRFC20	2.00mm	2.5 Kg
20-BBRFC30	3.00mm	2.5 Kg

Classification

ASTM/AWS R Cu Zn C
DIN 8513 L-CuZn40
BS 1845 CZ7
UNS C68'00
SABS 392



Copper TEC *copper to Copper*



Chemical Analysis

	Copper	Phosphorus	Silver
Copper Tec 0%	93	7	0
Copper Tec 2%	91.5	6.5	2
Copper Tec 5%	89	6	5
Copper Tec 15%	80	5	15

Mechanical Properties

	Tensile Strength	Melting Point
Copper Tec 0%	58 Kg/mm ²	710-800°C
Copper Tec 2%	55 Kg/mm ²	650-810°C
Copper Tec 5%	55 Kg/mm ²	650-810°C
Copper Tec 15%	54 Kg/mm ²	650-800°C

Promax Copper Tec Silver has a low melting point, used in the sanitary, refrigeration and air conditioning industry, for filling moderate gaps and narrow joints.

Product Code	Copper Tec	Diameter	Packaging
23-CT0-2	BCuP-2 (0% Ag)	2.00mm	1 Kg
23-CT0-3	BCuP-2 (0% Ag)	3.00mm	1 Kg
23-CT02-2	BCuP-6 (2% Ag)	2.00mm	1 Kg
23-CT02-3	BCuP-6 (2% Ag)	3.00mm	1 Kg
23-CT05-2	BCuP-3 (5% Ag)	2.00mm	1 Kg
23-CT05-3	BCuP-3 (5% Ag)	3.00mm	1 Kg
23-CT15-2	BCuP-5 (15% Ag)	2.00mm	1 Kg
23-CT15-3	BCuP-5 (15% Ag)	3.00mm	1 Kg

Classification

Copper Tec 0%	AWS A5.8 BCuP-2	DIN 8513 L-CuP7	EN1044 CP 202
Copper Tec 2%	AWS A5.8 BCuP-6	DIN 8513 L-Ag2P	EN1044 CP 105
Copper Tec 5%	AWS A5.8 BCuP-3	DIN 8513 L-Ag5P	EN1044 CP 104
Copper Tec 15%	AWS A5.8 BCuP-5	DIN 8513 L-Ag15P	EN1044 CP 102

Pro Silver 20/30/40 Bare Ternalloy Silver Solder



Chemical Analysis

	Copper	Zinc	Tin	Silver
Pro Silver 20 Bare	44	36	0	20
Pro Silver 30 Bare	36	32	2	30
Pro Silver 40 Bare	30	28	2	40

Mechanical Properties

	Tensile Strength	Melting Point
Pro Silver 20 Bare	43 Kg/mm ²	690-810°C
Pro Silver 30 Bare	48 Kg/mm ²	650-750°C
Pro Silver 40 Bare	44 Kg/mm ²	640-700°C

Promax Pro Silver Ternalloy Silver Solder is a low melting silver brazing alloy, it is used for joining copper and copper alloys, nickel and nickel alloys, almost any steels. It can be used for flame or induction brazing procedures, application includes automotive and the electric industry.

Product Code	Silver Solder	Diameter	Packaging
22-SS20	Bare 20% Ternalloy	1.50mm	1 Kg
22-SS30	Bare 30% Ternalloy	1.50mm	1 Kg
22-SS40	Bare 40% Ternalloy	1.50mm	1 Kg

Pro Silver 20/30/40 FC Flux Coated Silver Solder



Promax Pro Flux Coated Silver Solder is a low melting silver brazing alloy, it is used for joining copper and copper alloys, nickel and nickel alloys, almost any steels. It can be used for flame or induction brazing procedures, application includes automotive and the electric industry.

Product Code	Silver Solder	Diameter	Packaging
22-SSF20	Flux Coated 20% (White)	1.50mm	1 Kg
22-SSF30	Flux Coated 30% (Blue)	1.50mm	1 Kg
22-SSF40	Flux Coated 40% (Yellow)	1.50mm	1 Kg

EM12K Submerge ARC Wire



Chemical Analysis

Carbon	Manganese	Silicon	Phosphorous	Sulfur
0.15	1.25	0.35	0.030	0.030

Mechanical Properties

Ultimate Tensile Strength	614 N/mm ² min
Elongation	29 %
Charpy V-Notch	80 J

Promax Submerge ARC Wire is a twisted wire can be used to give the arc an oscillating movement. This helps fuse the toe of the weld to the base metal. It is able to weld mild steels, high carbon steels, low and special alloy steels, stainless steel and some of the nonferrous of copper and nickel. Applications include Single and multiple-pass welding using recommended fluxes, non-alloyed and fine-grain steels, general fabrication, structural components, heavy equipment components, railcar frames, wheel fabrication, storage tanks, boilers, pressure vessels, ship panels, pipe double jointing, wind towers

Product Code	Diameter	Packaging
24-SUB24	2.40mm	25 Kg
24-SUB32	3.20mm	25 Kg
24-SUB40	4.00mm	25 Kg

Classification
AWS 5.17 EM12K



ProARC ER70S-6 Mild Steel MIG Wire



Product Code	Diameter	Packaging
6-MIG06-5	0.60mm	5 Kg
6-MIG08-5	0.80mm	5 Kg
6-MIG08	0.80mm	15 Kg
6-MIG09	0.90mm	15 Kg
6-MIG10	1.00mm	15 Kg

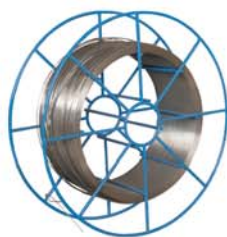
Product Code	Diameter	Packaging
6-MIG12	1.20mm	15 Kg
6-MIG16	1.60mm	15 Kg
6-MIG10D	1.00mm	250 Kg
6-MIG12D	1.20mm	250 Kg
6-MIG16D	1.60mm	250 Kg

ProARC ER100S-G High Tensile MIG Wire



Product Code	Diameter	Packaging
7-MIGHT10	1.00mm	15 Kg
7-MIGHT12	1.20mm	15 Kg
7-MIGHT16	1.60mm	15 Kg

Grandnox Stainless Steel MIG Wire



Product Code	Grandnox	Diameter	Packaging
8-M316-8-5	ER316LSi	0.80mm	5 Kg
8-M316-08	ER316LSi	0.80mm	15 Kg
8-M316-09	ER316LSi	0.90mm	15 Kg
8-M316-10	ER316LSi	1.00mm	15 Kg
8-M316-12	ER316LSi	1.20mm	15 Kg
8-M308-08	ER308LSi	0.80mm	15 Kg
8-M308-09	ER308LSi	0.90mm	15 Kg
8-M308-10	ER308LSi	1.00mm	15 Kg
8-M308-12	ER308LSi	1.20mm	15 Kg

Product Code	Grandnox	Diameter	Packaging
8-M309-08	ER309LSi	0.80mm	15 Kg
8-M309-09	ER309LSi	0.90mm	15 Kg
8-M309-10	ER309LSi	1.00mm	15 Kg
8-M309-12	ER309LSi	1.20mm	15 Kg
8-M312-12	ER312	1.00mm	15 Kg
8-M310-12	ER310	1.20mm	15 Kg
8-M307-10	ER307Si	1.60mm	15 Kg
8-M307-12	ER307Si	1.00mm	15 Kg

ER4043 5% Si Aluminium MIG Wire



Product Code	Diameter	Packaging
9-M43-08	0.80mm	6 Kg
9-M43-09	0.90mm	6 Kg
9-M43-10	1.00mm	6 Kg
9-M43-12	1.20mm	6 Kg
9-M43-16	1.60mm	6 Kg

ER5356 5% Mg Aluminium MIG Wire



Product Code	Diameter	Packaging
9-M56-08	0.80mm	6 Kg
9-M56-09	0.90mm	6 Kg
9-M56-10	1.00mm	6 Kg
9-M56-12	1.20mm	6 Kg
9-M56-16	1.60mm	6 Kg

E71T-1 Mild Steel Flux Cored Wire



Product Code	Diameter	Packaging
10-FC-12	1.20mm	15 Kg
10-FC-16	1.60mm	15 Kg

E71T-11 (Gasless) Mild Steel Flux Cored Wire



Product Code	Diameter	Packaging
10-FCG9-45	0.90mm	5 Kg
10-FCG12-15	1.20mm	15 Kg

E71T-11 (Gas Assisted) Mild Steel Flux Cored Wire



Product Code	Diameter	Packaging
10-FC9-5	0.90mm	5 Kg
10-FC12-45	1.20mm	4.5 Kg

Silicon Bronze ERCuSi-A Copper Alloy MIG Wire



Product Code	Diameter	Packaging
11-SBR8-5	0.80mm	5 Kg
11-SBR10-5	1.00mm	5 Kg
11-SBR08	0.80mm	12.5 Kg
11-SBR10	1.00mm	12.5 Kg
11-SBR12	1.20mm	12.5 Kg
11-SBR16	1.60mm	12.5 Kg

Aluminium Bronze ERCuAl Copper Alloy MIG Wire



Product Code	ERCuAl	Diameter	Packaging
11-ABR12	ERCuAL-A1	1.20mm	12.5 Kg
11-ABR16	ERCuAL-A1	1.60mm	12.5 Kg
11-ABR12-A2	ERCuAL-A2	1.20mm	12.5 Kg

E308LT1-1 KISWEL Stainless Steel Flux Cored MIG Wire



Product Code	Diameter	Packaging
19-MFC308-12	1.20mm	15 Kg
19-MFC316-12	1.20mm	15 Kg

55HRC Hardfacing Flux Cored MIG Wire



Product Code	Diameter	Packaging
18-MHF5-12	1.20mm	15 Kg
18-MHF5-16	1.60mm	15 Kg

60HRC Hardfacing Flux Cored MIG Wire



Product Code	Diameter	Packaging
18-MHF6-12	1.20mm	15 Kg
18-MHF6-16	1.60mm	15 Kg

Pro CCR R45 Mild Steel Gas Rod



Product Code	Diameter	Packaging
13-CCR16	1.60mm	4 Kg
13-CCR24	2.40mm	4 Kg
13-CCR32	3.20mm	4 Kg

ProTIG ER70S-6 Mild Steel TIG Filler Wire



Product Code	Diameter	Packaging
12-T16	1.60mm	5 Kg
12-T20	2.00mm	5 Kg
12-T24	2.40mm	5 Kg
12-T32	3.20mm	5 Kg

Grandnox Stainless Steel TIG Wire



Product Code	Grandnox	Diameter	Packaging
14-T904-24	ER904L	2.40mm	5 Kg
14-T316-12	ER316L	1.20mm	5 Kg
14-T316-16	ER316L	1.60mm	5 Kg
14-T316-24	ER316L	2.40mm	5 Kg
14-T316-32	ER316L	3.20mm	5 Kg
14-T308-12	ER308L	1.20mm	5 Kg
14-T308-16	ER308L	1.60mm	5 Kg
14-T308-24	ER308L	2.40mm	5 Kg
14-T308-32	ER308L	3.20mm	5 Kg
14-T309-16	ER309L	1.60mm	5 Kg
14-T309-24	ER309L	2.40mm	5 Kg
14-T309-32	ER309L	3.20mm	5 Kg

Silicon Bronze ERCuSi-A Copper Alloy TIG Wire



Product Code	Diameter	Packaging
16-TSBR-24	2.40mm	5 Kg
16-TSBR-32	3.20mm	5 Kg

Aluminium Bronze ER CuAl-A1 Copper Alloy TIG Wire



Product Code	Diameter	Packaging
16-TABR-24	2.40mm	5 Kg
16-TABR-32	3.20mm	5 Kg

ER4043 5% Si Aluminium TIG Wire



Product Code	Diameter	Packaging
15-T43-16	1.60mm	5 Kg
15-T43-24	2.40mm	5 Kg
15-T43-32	3.20mm	5 Kg

ER4047 12% Si Aluminium TIG Wire



Product Code	Diameter	Packaging
15-T47-16	1.60mm	5 Kg
15-T47-24	2.40mm	5 Kg
15-T47-32	3.20mm	5 Kg

ER5356 5% Mg Aluminium TIG Wire



Product Code	Diameter	Packaging
15-T53-16	1.60mm	5 Kg
15-T53-24	2.40mm	5 Kg
15-T53-32	3.20mm	5 Kg

Brazing Fluxes



Product Code	Flux	Packaging
21-BBF	Bronze Brazing Flux	500 g
21-SSF	Silver Solder Flux	250 g
21-ABF	Aluminium Brazing Flux	250 g
24-SUB-F	Submerge ARC Flux (Agglomerated Flux)	25 Kg



P PRO-MAX *Machines*

POWERARC 160 25-POW160



- Portable IGBT Inverter Stick Welder
- Power Indicator
- Thermal Protection
- Stepless Current Setting
- Hot Start
- Anti-Sticking
- ARC Force
- Scratch Start ARC TIG
- Includes Cable Kit



Input Power	Rated Input Current	Rated Input Capacity	Open Circuit Voltage	Output Range	Rated Output	Rated Working Voltage	Weight	Dimension
220 V	29 A	6.4 KVA	79 V	20 - 160 A	60% @ 160 A	26.4 V	3.5 Kg	300 x 120 x 240 mm

POWERARC 200 25-POW200



- Portable IGBT Inverter Stick Welder
- Power Indicator
- Thermal Protection
- Stepless Current Setting
- Hot Start
- Anti-Sticking
- ARC Force
- Scratch Start ARC TIG
- Includes Cable Kit



Input Power	Rated Input Current	Rated Input Capacity	Open Circuit Voltage	Output Range	Rated Output	Rated Working Voltage	Weight	Dimension
220 V	39 A	8.9 KVA	79 V	30 - 200 A	60% @ 200 A	28 V	3.8 Kg	340 x 120 x 240 mm

POWERMIG 160 25-POM160



- Portable Inverter gas/ no gas MIG and Stick Welder
- Power Indicator
- Thermal Protection
- Stepless Voltage Setting
- Stepless Wire Feed Setting
- Removable MIG Torch
- Electronic Gas Valve
- Usable with 1kg and 5Kg Spool
- Includes Cable Kit + MB15 Torch



Input Power	Rated Input Current	Rated Input Capacity	Open Circuit Voltage	Output Range	Rated Output	Rated Working Voltage	Weight	Dimension
220 V	28.5 A	6.3 KVA	65 V	30 - 160 A	60% @ 160 A	22 V	16.5 Kg	550 x 320 x 440 mm

POWERCUT 40 25-POC40



- Portable Inverter Plasma Cutter
- Fan-Cooled, High Frequency
- Thermal Overload Protection
- 2.5s and 5s post-flow adjustment
- Max Cutting Thickness - 10mm
- Quality Cutting Thickness - 8mm
- Includes Cable Kit + PT31 Torch



Input Power	Rated Input Current	Rated Input Capacity	No-Load Output Voltage	Output Range	Rated Output	Rated Working Voltage	Weight	Dimension
220 V	30 A	6.6 KVA	250 V	20 - 40 A	60% @ 40 A	96 V	9 Kg	400 x 160 x 290 mm

PRO-ARC200 25-PA200



- Portable IGBT VRD Inverter Stick Welder
- Power Indicator
- Thermal Protection
- Stepless Current Setting
- Hot Start
- Anti-Sticking
- ARC Force



Input Power	Rated Input Current	Rated Input Capacity	No-Load Output Voltage	Output Range	Rated Output	Electrode Diameter	Weight	Dimension
220 V	37.2 A	9.2 KVA	68 V	30 - 200 A	60% @ 200 A	1.6 - 5.0 mm	5.4 Kg	360 x 150 x 270 mm

PRO-ARC250 25-PA250



- Portable IGBT VRD Inverter Stick Welder
- Power Indicator
- Thermal Protection
- Stepless Current Setting
- Digital Display
- Arc Force Adjustment



Input Power	Rated Input Current	Rated Input Capacity	No-Load Output Voltage	Output Range	Rated Output	Electrode Diameter	Weight	Dimension
380 V	14 A	9.2 KVA	60 V	20 - 210 A	60% @ 210 A	1.6 - 5.0 mm	19 Kg	575 x 325 x 445 mm

PRO-ARC400 25-PA400



- Professional IGBT VRD Inverter Stick Welder
- Power Indicator
- Thermal Protection
- NTC Thermal Sensor
- Digital Display
- Stepless Current Setting
- Adjustable Hot Start
- Adjustable Arc Force



Input Power	Rated Input Current	Rated Input Capacity	Open Circuit Voltage	Output Range	Rated Output	Electrode Diameter	Weight	Dimension
380 V	29 A	19 KVA	68 V	40 - 400 A	60% @ 400 A	1.6 - 5.0 mm	19 Kg	510 x 240 x 420 mm

PRO-ARC630 25-PA630



- Professional IGBT VRD Inverter Stick Welder
- Power Indicator
- Thermal Protection
- Digital Display
- Stepless Current Setting
- Hot Start
- Adjustable Arc Force



Input Power	Rated Input Current	Rated Input Capacity	Open Circuit Voltage	Output Range	Rated Output	Electrode Diameter	Weight	Dimension
380 V	49.5 A	32.6 KVA	71 V	25 - 630 A	60% @ 630 A	1.6 - 8.0 mm	28.4 Kg	542 x 245 x 420 mm

PRO-MIG 250

25-PM250



- Inverter MIG Welder
- Power Indicator
- Digital Display
- Stepless Heat control
- Stepless Wire Feed Setting
- Electronic Gas Valve
- 2T/4T
- Usable with 15Kg Spool
- Includes Cable Kit + MB 25 Torch + Flow Meter



Input Power	Rated Input Current	Rated Input Capacity	Open Circuit Voltage	Output Range	Rated Output	Rated Working Voltage	Weight	Dimension
220 V	44.7 A	9.9 KVA	44 V	50 - 250 A	60% @ 250 A	16.5 - 26.5 V	46 Kg	907 x 487 x 725 mm

PRO-MIG 300

25-PM300



- Professional Three Phase MIG Welder
- Power Indicator
- Thermal Protection
- 10 Heat Settings
- Stepless Wire Speed Setting
- Spot Timer
- Continuous Spot Welding
- Usable with 20Kg Spool
- Includes Cable Kit + MB 36 Torch + Flow Meter



Input Power	Rated Input Current	Rated Input Capacity	Open Circuit Voltage	Output Range	Rated Output	Rated Working Voltage	Weight	Dimension
380 V	15.2 A	10.2 KVA	36 V	20 - 250 A	60% @ 250 A	15 - 26.5V	84 Kg	930 x 530 x 730 mm

PRO-MIG 350

25-PM350



- Professional Three Phase MIG Welder
- Separate Wire Feeder
- Power Indicator
- Thermal Protection
- Digital Display
- 30 Heat Settings
- Stepless Wire Feed Setting
- Four Roller
- Burn Back Time Adjustment
- Usable with 20Kg Spool
- Water Cooling Optional
- Includes Cable Kit + MB 36 Torch + Flow Meter



Input Power	Rated Input Current	Rated Input Capacity	Open Circuit Voltage	Output Range	Rated Output	Rated Working Voltage	Weight	Dimension
380	23 A	15.1 KVA	40 V	70 - 350 A	60% @ 350 A	17.5 - 31.5 V	122 Kg	930 x 620 x 850 mm

PRO-MIG 500

25-PM500



- Professional Three Phase MIG Welder
- Separate Wire Feeder
- Power Indicator
- Thermal Protection
- Digital Display
- 30 Heat Settings
- Stepless Wire Feed Setting
- Four Roller
- Burn Back Time Adjustment
- Usable with 20Kg Spool
- Water Cooling Optional
- Includes Cable Kit + MB 40 Torch + Flow Meter



Input Power	Rated Input Current	Rated Input Capacity	Open Circuit Voltage	Output Range	Rated Output	Rated Working Voltage	Weight	Dimension
380 V	47 A	25 KVA	50 V	90 - 500 A	60% @ 500 A	18.5 - 39 V	164 Kg	930 x 620 x 850mm

PRO-TIG 200P 25-PTP200



- Portable IGBT VRD DC Inverter HF TIG/MMA Welder
- Power Indicator
- Thermal Protection
- Stepless Current Setting
- Arc Force
- Anti-Sticking
- Hot Start
- Includes PRO26 Torch 4m



Input Power	Rated Input Current	Rated Input Capacity	No-Load Output Voltage	Output Range	Rated Output	Rated Working Voltage	Weight	Dimension
220 V	39 A	8.5 KVA	66 V	5 - 200 A	60% @ 200 A	18 V	8.5 Kg	432 x 174 x 331 mm

PRO-TIG 200 25-PTACDC200



- Portable IGBT AC/DC HF TIG/MMA TIG Welder
- Power Indicator
- Thermal Protection
- Stepless Current Setting
- Arc Force
- Anti-Sticking
- Hot Start
- Includes PRO26 Torch 8m + Foot Control



Input Power	Rated Input Current	Rated Input Capacity	No-Load Output Voltage	Output Range	Rated Output	Rated Working Voltage	Weight	Dimension
220 V	29 A	6.4 KVA	45 V	10 - 200 A	60% @ 200 A	18 V	20 Kg	500 x 240 x 410 mm

PRO-TIG 315 25-PTACDC315



- Industrial IGBT AC/DC HF Inverter TIG Pulse Welder
- Power Indicator
- Thermal Protection
- Slope Up/Down Adjustment
- 2T/4T
- Ratio Adjustment
- Adjustable Peak/Base Current
- Pulse Frequency Adjustment
- Arc Force
- Includes PRO26 Torch 8m + Foot Control



Input Power	Rated Input Current	Rated Input Capacity	No-Load Output Voltage	Output Range	Rated Output	Rated Working Voltage	Weight	Dimension
380 V	17 A	11.2 KVA	60 V	15 - 280 A	60% @ 280 A	21.2 V	35 Kg	650 x 390 x 805mm

PRO-CUT 60 25-PC60



- Three Phase Inverter Plasma Cutter
- Smooth DC
- HF Arc Piloting
- Narrow and Smooth Cutting Seam
- Fan Cooled
- Quality Cutting Thickness - 12mm
- Max Cutting Thickness - 18mm
- Ideal Equipment for all Conductive Metal Cutting
- Great for DIY and Light Industry Use
- Includes JG60 Plasma Torch + Air Regulator



Input Power	Rated Input Current	Rated Input Capacity	Open Circuit Voltage	Output Range	Rated Output	Rated Working Voltage	Weight	Dimension
380 V	14.5 A	9.5 KVA	260 V	20 - 60 A	60% @ 60 A	104 V	15 Kg	504 x 240 x 408 mm

PRO-CUT 100 25-PC100



- Professional IGBT Plasma Cutter
- HF Frequency
- Power Indicator
- Thermal Protection
- Stepless Current Setting
- Digital Display
- 2T/4T
- Quality Cutting Thickness - 20mm
- Max Cutting Thickness - 30mm
- Includes JG100 Plasma Torch + Air Regulator



Quality Cutting Thickness 20mm

Max Cutting Thickness 30mm

Input Power	Rated Input Current	Rated Input Capacity	Open Circuit Voltage	Output Range	Rated Output	Rated Working Voltage	Weight	Dimension
380 V	24 A	18.5 KVA	284 V	20 - 100 A	60% @ 100 A	120 V	43.2 Kg	576 x 300 x 675 mm

Foot Remote Control 25-FC



- Used with DC TIG and AC/DC TIG Welders

Water Cooler 25-WC



- 220V Power Supply
- 20L/min Flow Rate
- 9 Liter Tank

Wire Feeder 25-SB10F1



- Used with MIG Welders
- 42Volt, 5 Amps
- 4 Roller Driving
- Semi Closed for Outdoor Use
- Burn Back Time Adjust
- 2/4 Step Control & Gas Checking
- Max Spool Loading 20Kg
- Wire Speed: 1.0 - 24m/min
- Total Weight: 17Kg

Temptech Pro 5 Electrode Hot Box 25-HB5W



- Temptech Pro 5
- Max 5 Kg Capacity per Load
- Max Temp: 160 °C

Temptech Pro 12 Electrode Hot Box 25-HBCL



- Temptech Pro 12
- Max 12 Kg Capacity per Load
- Max Temp: 301 °C

PRO-AIR 24L 25-COMPPRO-24



- Single Phase 230V
- Direct Drive Technology
- 24L Tank
- Working Pressure: 116 PSI
- 1.5kW Rated Power, 50Hz Frequency
- Free Air Delivery: 196 l/min
- Effective Cooling System
- Used for Plasma Cutting, Spray Painting and Air Tools
- Perfect for DIY and Industrial use

PRO-AIR 50L 25-COMPPRO-50



- Single Phase 230V
- Direct Drive Technology
- 50L Tank
- Working Pressure: 116 PSI
- 1.5kW Rated Power, 50Hz Frequency
- Free Air Delivery: 196 l/min
- Effective Cooling System
- Used for Plasma Cutting, Spray Painting and Air Tools
- Perfect for DIY and Industrial use

PRO-AIR 150L 25-COMPPRO-150



- Single Phase 230V
- Direct Drive Technology
- 150L Tank
- Working Pressure: 116 PSI
- 2.2kW Rated Power, 50Hz Frequency
- Free Air Delivery: 354 l/min
- Effective Cooling System
- Used for Plasma Cutting, Spray Painting and Air Tools
- Perfect for DIY and Industrial use

PRO-POWER 2000 INVERTER GENERATOR 25-PI-GEN-2000



- Single Phase 230V Inverter Generator
- 4 Stroke OHV Engine
- 4.5L Tank use with Unleaded Petrol
- 4.8 Hrs Continuous Operating time with 100% Load
- Recoil Starter
- TCI Ignition System
- Forced Air Cooling System
- Use with SAE 10W-30 Oil

AC Output Voltage	AC Power Frequency	Rated AC Output	Max Rated AC Output	DC Output	Fuel Tank Capacity	Operating Time	Sound Power Level	Oil Capacity
230 V	50/60 Hz	1.7 KW	2.0 KW	12 V 5 A	4.5 L	4.8 Hrs	58dB	0.75 L

PRO-POWER 3500 INVERTER GENERATOR 25-PI-GEN-3500



- Single Phase 230V Inverter Generator
- 4 Stroke OHV Engine
- 7L Tank use with Unleaded Petrol
- 3.8 Hrs Continuous Operating time with 100% Load
- Recoil Starter
- TCI Ignition System
- Forced Air Cooling System
- Use with SAE 10W-30 Oil

AC Output Voltage	AC Power Frequency	Rated AC Output	Max Rated AC Output	DC Output	Fuel Tank Capacity	Operating Time	Sound Power Level	Oil Capacity
230 V	50/60 Hz	3.0 KW	3.5 KW	12 V 5 A	7 L	3.8 Hrs	58dB	0.9 L

PRO-POWER 5500 PETROL GENERATOR 25-PP-GEN-5500



- Single Phase 230V Petrol Generator
- 4 Stroke OHV Engine
- Automatic Voltage Regulator (AVR)
- 25L Tank use with Unleaded Petrol
- 7 Hrs Continuous Operating time with 100% Load
- Electric Starter
- TCI Ignition System
- Forced Air Cooling System
- Use with SAE 10W-30 Oil

AC Output Voltage	AC Power Frequency	Rated AC Output	Max Rated AC Output	DC Output	Fuel Tank Capacity	Operating Time	Sound Power Level	Oil Capacity
230 V	50 Hz	5.0 KW	5.5 KW	12 V 8.3 A	25 L	7 Hrs	97dB	1.1 L

PRO-POWER 6500 PETROL GENERATOR 25-PP-GEN-6500



- Single Phase 230V Petrol Generator
- 4 Stroke OHV Engine
- Automatic Voltage Regulator (AVR)
- 25L Tank use with Unleaded Petrol
- 7 Hrs Continuous Operating time with 100% Load
- Electric Starter
- TCI Ignition System
- Forced Air Cooling System
- Use with SAE 10W-30 Oil

AC Output Voltage	AC Power Frequency	Rated AC Output	Max Rated AC Output	DC Output	Fuel Tank Capacity	Operating Time	Sound Power Level	Oil Capacity
230 V	50 Hz	6.0 KW	6.5 KW	12 V 8.3 A	25 L	6 Hrs	97dB	1.1 L



Welding Your World Together

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011 866 1949

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