



***CROS-ARC***

**MIG - TIG - PLASMA - MMA**

**PRODUCT CATALOGUE**



***CROS-ARC***



# ***CROS-ARC***

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## **INTRODUCTION**

The CROS-ARC brand offers an excellent range of machines designed and produced to the highest international standards.

All CROS-ARC machines incorporate the very latest in technology and control systems resulting in an exceptional range of welding and cutting power sources with premium performance and control as standard.

**CROS-ARC ... THE FUTURE IS HERE!**

# CROS-ARC



## MMA 160S

### TECHNICAL SPECIFICATION

Power Supply (+15% /-15%)	230V 1Ph
Fuses A	T16
MMA Current Range	30- 160A
MMA Duty Cycle @ 60%	140A
MMA Electrode Size	1.6 - 4.0mm
Protection Class	IP21
Weight	8 KG

## Part No. CAP0255

The CROS- ARC MMA 160S is a 230V DC latest technology inverter based power source incorporating electronic amperage control and digital amp meter.  
The CROS-ARC MMA 160S is highly portable and is the perfect solution to a wide variety of industries including DIY, maintenance, light fabrication and site installations.

Package includes: 3 Metre MMA Leads

Option:  
CROS-ARC Carry case (CAP0022)



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**DUAL VOLTAGE**

## MMA 160D

### TECHNICAL SPECIFICATION

Power Supply (+15% /-15%)	110/ 230V 1Ph
Fuses A	T16
MMA Current Range	30- 160A
MMA Duty Cycle @ 60% (230V)	140A
MMA Duty Cycle @ 60% (110V)	110A
MMA Electrode Size	1.6 - 4.0mm
Protection Class	IP21
Weight	8 KG

**Part No. CAP0256**

The CROS-ARC MMA 160D is a 110/230V dual voltage DC inverter based power source incorporating full electronic amperage control and digital amp meter.

The CROS-ARC MMA 160D is the perfect solution to a wide variety of industries where 110V/230V is required such as DIY, site work, maintenance and light fabrication applications.

**Package includes: 3 Metre MMA Leads**

**Option:**

**CROS-ARC Carry case (CAP0022)**





# CROS-ARC



## MMA 200S

### TECHNICAL SPECIFICATION

Power Supply (+15% /-15%)	230V 1Ph
Fuses A	T25
MMA Current Range	30- 200A
MMA Duty Cycle @ 60%	190A
MMA Electrode Size	1.6 - 4.0mm
Protection Class	IP21
Weight	10 KG

### Part No. CAP0257

The CROS-ARC MMA200S is a 230V DC Inverter based power source incorporating full electronic amperage control and digital amp meter. The CROS-ARC MMA200S is the perfect solution for applications where a high welding output and portability are required. These include site work, maintenance and general fabrication installations.

Package includes: 3 Metre MMA Leads

Option:  
CROS-ARC Carry case (CAP0022)



# CROS-ARC



## MIG 171C

The CROS-ARC MIG 171C is a latest technology 230V single phase power source incorporating electronic control of both voltage and wire feed speed.

The CROS-ARC MIG/MAG 171C is suitable for use with both solid and flux cored wires, making it ideal for use in a wide selection of industries, including DIY, maintenance, light fabrication & automotive repair.

Package includes:  
3 Metre 150A MIG Torch  
Earth Return  
Gas Hose

### TECHNICAL SPECIFICATION

Power Supply (+15% /-15%)	230V 1Ph
Fuses A	T16
Current Range	30- 170A
Duty Cycle @ 60%	90A
Protection Class	IP21
Weight	30 KG

**Part No. CAP0251**



# CROS-ARC



## 201C MIG / MMA

The CROS-ARC 201C MIG/MMA is a 230V latest technology inverter based power source incorporating a dynamic 4 roll wire feed system and full electronic adjustment of all welding parameters.

The CROS-ARC 201C allows welding in both MIG/MAG and MMA, making it ideal for welding of a wide variety of industries including DIY, maintenance, light fabrication and Automotive repair.

Package includes:  
Undergear/ Cylinder carrier  
3 Metre Primary cable  
2 Metre Gas hose  
4 Metre 250A MIG Torch  
Earth return  
MMA Leads

### TECHNICAL SPECIFICATION

Power Supply (+15% /-15%)	230V 1Ph
Fuses A	T16
Regulation Field in MIG	30- 200A
Regulation Field in MMA	25-200A
MIG Duty Cycle @ 60%	200A
MMA Duty Cycle @ 60%	200A
MMA Electrode Size	1.6 - 4.0mm
Protection Class	IP21
Weight	53 KG

**Part No. CAP0253**

# CROS-ARC



## 291C MIG / MMA

The CROS-ARC 291C MIG/MMA is a 230V latest technology inverter based power source incorporating a dynamic 4 roll wire feed system and full electronic adjustment of all welding parameters.

The CROS-ARC 291C allows welding in both MIG/MAG and MMA, making it ideal for a wide variety of industries including agricultural, light to medium fabrication and Automotive repair.

Package includes:  
Undergear / Cylinder carrier  
3 Metre Primary cable  
2 Metre Gas hose  
4 Metre 250A MIG Torch  
Earth return  
MMA Leads

### TECHNICAL SPECIFICATION

Power Supply (+15% /-15%)	230V 1Ph
Fuses A	T30
Regulation Field in MIG	30- 250A
Regulation Field in MMA	25-200A
MIG Duty Cycle @ 60%	250A
MMA Duty Cycle @ 60%	250A
MMA Electrode Size	1.6 - 5.0mm
Protection Class	IP21
Weight	55 KG

**Part No. CAP0254**

# CROS-ARC



## 323C MIG / MMA

The CROS-ARC 323C MIG/MMA is a 415V latest technology inverter based power source incorporating a dynamic 4 roll wire feed system and full electronic adjustment of all welding parameters.

The CROS-ARC 323C allows welding in both MIG/MAG and MMA making it ideal for welding in a wide variety of industries, general fabrication, maintenance and commercial vehicle repair.

Package includes:  
Undergear / Cylinder carrier  
3 Metre Primary cable  
2 Metre Gas hose  
4 Metre 250A MIG Torch  
Earth return  
MMA Leads

### TECHNICAL SPECIFICATION

Power Supply (+15% /-15%)	415V 1Ph
Fuses A	T20
Regulation Field in MIG	30- 300A
Regulation Field in MMA	25- 300A
MIG Duty Cycle @ 60%	300A
MMA Duty Cycle @ 60%	300A
MMA Electrode Size	1.6 - 6.0mm
Protection Class	IP21
Weight	58 KG

**Part No. CAP0264**

# CROS-ARC



## 403C MIG

The CROS-ARC 403C is a 415V industrial MIG/MAG power source benefiting from a 4 roll wire feeder and digital Volt/ Ampmeter.

The CROS-ARC 403C is the perfect solution to a wide range of industries where power and performance are required.

Package includes:  
Undergear / Cylinder carrier  
3 Metre Primary cable  
3 Metre Gas hose  
3 Metre Earth return  
4 Metre 360 MIG Torch

**Part No. CAP0065**

### TECHNICAL SPECIFICATION

Power Supply (+15% /-15%)	415V 3Ph
Frequency	50 Hz
Fuses A	T25
Current Range	45- 400A
Voltage Steps	2 x 10
Voltage Range	16.5 - 34
Duty Cycle @ 60%	330A
Protection Class	IP23
Insulation Class	H
Cooling	Fan
Weight	130 KG

# CROS-ARC



## 403S MIG

The CROS-ARC 403S is a 415V industrial MIG/MAG power source incorporating a separate 4 roll wire feed system and digital Volt/ Ampmeter.

The CROS-ARC 403S is the perfect solution to a wide range of industries where power and performance are required.

Also available in water cooled version.

Package includes:

- Undergear / Cylinder carrier
- 4 Roll separate wire feed unit
- 1.5 Metre Interconnecting cables
- 3 Metre Primary cable
- 3 Metre Gas hose
- 3 Metre Earth return
- 4 Metre 360 MIG Torch

**Part No. CAP0070**

**Part No. CAP0071 - CROS-ARC 403S- WATER COOLED VERSION**

### TECHNICAL SPECIFICATION

Power Supply (+15% /-15%)	415V 3Ph
Frequency	50 Hz
Fuses A	T25
Current Range	45- 400A
Voltage Steps	2 x 10
Voltage Range	16.5 - 34
Duty Cycle @ 60%	330A
Protection Class	IP23
Insulation Class	H
Cooling	Fan
Weight	145 KG



# CROS-ARC



## 503S WATER COOLED MIG

The CROS-ARC 503S is a 415V water cooled industrial MIG/MAG power source incorporating an active 4 roll wire feed system and digital Volt/ Ampmeter.

The CROS-ARC 503S is the perfect solution for a wide variety of industrial applications.

Package includes:  
Undergear / Cylinder carrier  
Integral water cooler  
3 Metre Interconnecting cables  
3 Metre Primary cable  
3 Metre Gas hose  
3 Metre Earth return  
4 Metre 500 Water Cooled MIGTorch

**Part No. CAP0082**

### TECHNICAL SPECIFICATION

Power Supply (+15% /-15%)	415V 3Ph
Frequency	50 Hz
Fuses A	T35
Current Range	50- 500A
Voltage Steps	3 x 10
Voltage Range	16.5 - 38
Duty Cycle @ 60%	420A
Protection Class	IP23
Insulation Class	H
Cooling	Fan
Weight	180 KG



# CROS-ARC



## 201MF MIG/TIG/MMA

The CROS-ARC 201MF is a latest technology 230V Multi-function inverter based power source incorporating full digital control of all welding parameters.

The CROS-ARC 201MF is fitted as standard with a VRD safety device, making it suitable for use in any working environment. It is ideal for welding a wide variety of materials in all sectors of industry.

Package includes:

3 Metre 150A MIG Torch

4 Metre WT17V-12 TIG Torch

3 Metre MMA Leads

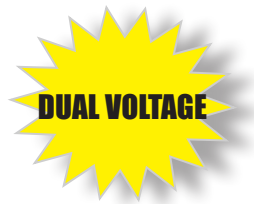
Gas Hose

**Part No. CAP0252**

### TECHNICAL SPECIFICATION

Power Supply (+15% /-15%)	230V 1Ph
Fuses A	T16
Regulation Field in MIG	30- 200A
Regulation Field in TIG DC	15- 200A
Regulation Field in MMA	40- 200A
MIG Duty Cycle @ 30%	200A
TIG Duty Cycle @ 30%	200A
MMA Duty Cycle @ 30%	200A
MMA Electrode Size	1.6 - 4.0mm
Protection Class	IP21
TIG Ignition	Lift
Weight	13 KG

# CROS-ARC



## 200 DMF MULTI FUNCTION MIG/ TIG / MMA

The CROS- ARC 200 DMF Multi-function is a latest technology 110/230V multi function inverter based power source, incorporating a high resolution full function microprocessor control panel.

This allows complete control of all welding parameters in all welding processes, MIG, TIG (Lift) and MMA. It is fitted as standard with a VRD safety device, making it suitable for operation in any environment.

The CROS- ARC 200 DMF Multi-function machine is ideal for welding a wide range of metals including Mild Steel, Stainless Steel, Titanium and Copper.

Package includes:

3 Metre 250 MIG Torch

4 Metre DGT26-12 TIG Torch

3 Metre MMA Leads

**Part No. CAPO261**

### TECHNICAL SPECIFICATION

Power Supply (+15% /-15%)	110/ 230V 1Ph
Fuses A	T16
Regulation Field in MIG	10- 200A
Regulation Field in TIG DC	10- 200A
Regulation Field in MMA	10- 200A
MIG Duty Cycle @ 25%	200A
TIG Duty Cycle @ 60%	125A
MMA Duty Cycle @ 25%	200A
MMA Electrode Size	1.6 - 4.0mm
Protection Class	IP23S
TIG Ignition	Lift
Weight	14 KG

# CROS-ARC



**DUAL VOLTAGE**

## 200 DC HF TIG

The CROS- ARC 200DC-HF is a latest technology 110/ 230V inverter based power source, incorporating a full function microprocessor control panel. This allows complete adjustment of all welding parameters including pulse, slope, frequency etc. It is fitted as standard with a VRD safety device, making it suitable for operation in any environment.

The CROS- ARC 200DC- HF machine is ideal for welding a wide range of metals including Mild Steel, Stainless Steel, Titanium and Copper.

Package includes:  
4 Metre DGT26-12 TIG Torch  
3 Metre MMA Leads

**Part No. CAP0259**

### TECHNICAL SPECIFICATION

Power Supply (+15% /-15%)	110/ 230V 1Ph
Fuses A	T16
Regulation Field in TIG DC	5- 200A
Regulation Field in MMA	5- 200A
TIG Duty Cycle @ 25%	200A
MMA Duty Cycle @ 100%	100A
MMA Electrode Size	1.6 - 4.0mm
Protection Class	IP23S
TIG Ignition	HF
Weight	7 KG

# CROS-ARC



## 200S AC/DC TIG

The CROS- ARC 200S AC/DC is a latest technology 230V inverter based power source, incorporating a high resolution full function microprocessor control panel. This allows complete adjustment of all welding parameters including pulse, slope, frequency etc. It is fitted as standard with a VRD safety device, making it suitable for operation in any environment.

The CROS- ARC 200S AC/DC TIG machine is Ideal for welding a wide range of metals including Mild Steel, Stainless Steel and Aluminium.

**Package includes:**  
4 Metre DGT26-12 TIG Torch  
3 Metre MMA Leads

**Option:**  
Remote Foot Pedal

### TECHNICAL SPECIFICATION

Power Supply (+15% /-15%)	230V 1Ph
Fuses A	T16
Regulation Field in TIG DC	10- 200A
Regulation Field in MMA	10- 200A
TIG Duty Cycle @ 25%	200A
MMA Duty Cycle @ 100%	100A
MMA Electrode Size	1.6 - 4.0mm
Protection Class	IP23S
TIG Ignition	HF/ LIFT
Weight	9 KG

**Part No. CAP0260**

# CROS-ARC



## 40NHF PLASMA CUTTER

The CROS-ARC 40NHF Plasma Cutter is a latest technology 230V inverter based power source incorporating electronic cutting control. It uses the latest back strike arc technology minimising the effect on electronic devices.

The CROS-ARC 40NHF offers outstanding cutting performance on a wide variety of materials including steel, stainless steel, aluminium, copper, Titanium and all other metals.

Material	Recommended	Maximum	Severance
Mild Steel	12	15	18
Stainless Steel	10	12	15
Aluminium	10	12	15

Package includes:  
4 Metre S45 Genuine Trafimet Torch  
3 Metre Earth Lead

### TECHNICAL SPECIFICATION

Power Supply (+15% /-15%)	230V 1Ph
Fuses A	T25
Duty Cycle @ 60%	40A
Current Range	14- 40A
Operating Pressure	5 Bar
Protection Class	IP21
Weight	12 KG

**Part No. CAP0258**



# CROS-ARC



## CD-800 CAPACITOR DISCHARGE STUD WELDER

The CROS-ARC CD-800 is a highly portable single phase capacitor discharge stud welder, with the ability to attach up to M8 studs on a wide variety of materials including Steel, Stainless Steel, Aluminium and Brass.

Package includes:  
Torch  
Earth Return Leads

### TECHNICAL SPECIFICATION

Power Supply (+15% /-15%)	110/ 230V 1Ph
Fuses A	16A
Adjustment	Micro
Stud Range	M3 - M8
Weight	29 KG

**Part No. CAP0263**



## **ACCESSORIES**



**Inverter Trolley  
Part No. CAP0216**



**WELDCART Trolley  
Part No. CAP0214**



**WELDCART Water cooling kit  
Part No. CAP0215**

*\*Water cooler not included*