LOHAVEDA
SOLUTIONS PVT LTD

NEWARC
Powered by Weldability



Product Catalogue

Mob: +91-93122 75057
www.Lohaveda.com

MADE IN BRITAIN
100% Duty Cycle

What makes Newarc di erent?

A member of the Weldability group of welding specialists, Newarc has a history of over 50 years in the UK, establishing itself as a trusted manufacturer of welding machines and company supply distributors in industries such as oil & gas, construction, and precision engineering.

- Hand built in the United Kingdom
- 100% duty cycle on core range
- 3 Year Warranty (Parts & Labour)
- Free on-site demonstrations
- Available from stock
- On-site calibration and repair/service



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Icon Key

MADE IN BRITAIN	Made in Britain	Hot Start	Hot Start
	MMA / MIG / TIG	208/300	Use with our wire spools (Example: spool size 208mm and 300mm)
CCCV	Constant Current / Constant Voltage		Generator Friendly
110-230V 50/60Hz / 360-480V 50/60Hz	Input Power Source	Cellulosic	Cellulosic Capability
100 100% Duty Cycle	100% Club / 100% Duty Cycle	HF	High Frequency
Arc Force	Arc Force	PULSE	Pulse

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Product Overview

Accessories	RC300	RCP300	Viper 2000	Viper 2500S	T300	WFU12-4C	WFU8A-RV Suitcase Feeder	WFU8A-ILS Suitcase Feeder	WFU12-RV Suitcase Feeder	WFU12-ILS Suitcase Feeder	CU20	Trolley	
Feature	Remote extension to the current control	Pulse-TIG add-on for TIG power sources.	TIG HF ignition system for DC power sources	MMA/TIG extension with HF ignition for DC power sources	MMA/TIG extension with HF ignition	Machine Mounted MIG Feeder	Mig In-line Suitcase Feeder	Mig In-line Suitcase Feeder	Mig In-line Suitcase Feeder	Mig In-line Suitcase Feeder	Water cooler	Trolley	
Generator compatable	x	x	✓	✓	x	x	x	✓	x	✓	x	x	
R1500	✓	x	x	x	x	x	x	x	x	x	x	x	R1500
RT2000	✓	✓	✓	x	x	x	x	x	x	x	x	x	RT2000
RT2500	✓	✓	✓	x	x	x	x	x	x	x	x	x	RT2500
R4000CC**	✓	✓	x	✓	✓	✓	x	✓	x	✓	x	✓	R4000CC**
R4000CCCV**	✓	✓	x	✓	✓	✓	✓	✓	✓	✓	✓	✓	R4000CCCV**
MIG400*	✓	x	x	x	x	x	✓	x	✓	x	✓	✓	MIG400*
RT4000**	✓	✓	✓	✓	✓	✓	x	x	✓	x	✓	✓	RT4000**
R7000CC	✓	✓	x	✓	✓	✓	x	x	✓	x	✓	✓	R7000CC

*500A option available

**500A and 700A options available

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R1500 - 150A Dual Voltage MMA



- Digital display
- Built-in hot start, anti sticking & arc force
- Lift TIG functionality

MADE IN BRITAIN

100% Duty Cycle

110-230V 50/60Hz | Arc Force | Hot Start

Technical Specifications

R1500	
MIG	x
TIG	x
MMA	✓
Input Voltage Range	110/230 Dual
Input Phase	1
Mains Frequency (hz)	50/60
Rated Input Current	44/28A
Power Factor	0.68
Open Circuit Voltage	75V
Output Current Range	15-150A
Duty Cycle@40°C	100%
Dimensions (mm) (H X W X L)	310 X 165 X 420
Weight (kg)	13
Insulation Class	IP21
Part Number	NA9910206

Additional Options

Option	Part Number
5m x 35mm2 Earth Cable	NAM91005
5m x 35mm2 Electrode Lead	NAM91002
Other cable lengths are available	POA

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R7000CC - 700A Constant Current MMA with Cellulosic Capacity



- Digital display
- Built-in hot start, anti sticking & arc force
- Cellulosic capability i.e 6010
- Constant current
- Can power up to three Viper 2500s
- CC/CV option available
- Multi-process, TIG & MIG versions available

MADE IN BRITAIN

Cellulosic | CC | 380-480V 50/60Hz | Arc Force | HotStart

Technical Specifications

R7000CC	
MIG	POA
TIG	TIG with T300
MMA	✓
Input Voltage Range	360-480V
Input Phase	3
Mains Frequency (hz)	50/60
Rated Input Current	49A
Power Factor	>0.95
Open Circuit Voltage	>90V
Output Current Range	30-700A
Duty Cycle@40°C	70%
Dimensions (mm) (H X W X L)	450 X 310 X 570
Weight (kg)	40
Insulation Class	IP21
Part Number	NA9910211

Additional Options

Option	Part Number
Casters Assembly Kit	NAM91185
RC300 Remote Current Control	NA9910701
5m x 70mm2 Earth Cable	NAM91005
5m x 70mm2 Electrode Lead	NAM91002
95/120 to 50/70 Adaptor Cable	NAM91038
Othercable lengthsareavailable	POA

Package Options

Option(Water Cooled)	Part Number
Water Cooler, Wire Feed Unit, Voltage Correction, Interconnection & Earth cable	NA9910212RTW
5m x 50mm2 Earth Cable	NAM91006
5m x 50mm2 MIG IC Water Sheathed	NAM91044S
Other cable lengths are available	POA
Torch MB36 4m ERGO	NA010144

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R4000CC - 400A Constant Current MMA with Cellulosic Capacity



- Digital display
- Built-in hot start, anti sticking & arc force
- Cellulosic capability i.e 6010
- Constant Current
- 110V outlet socket at rear of power source

  available as an option
- 500A and 700A option available

MADE IN BRITAIN

100% Duty Cycle

Cellulosic | CC | 380-480V 50/60Hz | Arc Force | Hot Start

Technical Specifications

R4000CC	
MIG	ILS only
TIG	TIG with T300
MMA	✓
Input Voltage Range	380-480V
Input Phase	3
Mains Frequency (hz)	50/60
Rated Input Current	24A
Power Factor	>0.95
Open Circuit Voltage	>80V
Output Current Range	20-400A
Duty Cycle@40°C	100%
Dimensions (mm) (H X W X L)	450 X 310 X 570
Weight (kg)	33
Insulation Class	IP21
Part Number	NA9910212

Additional Options

Option	Part Number
Casters Assembly Kit	NAM91185
RC300 Remote Current Control	NA9910701
5m x 50mm2 Earth Cable	NAM91006
5m x 50mm2 Electrode Lead	NAM91003
Other cable lengths are available	POA
Wire Feed Unit (WFU12-4C)	NA9910502

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R4000CCCV - 400A Constant Current / Constant Voltage with Cellulosic

Best Selling Pr oduct



- Digital display
- Built-in hot start, anti sticking & arc force
- Inductance & arc trim function
- Safety circuits protects against overloading
- Cellulosic capability i.e 6010
- Constant current / constant voltage
- 110V outlet socket at rear of power source

  available as an option
- 500A and 700A option available

MADE IN BRITAIN

100% Duty Cycle

Cellulosic | CC | CV | 380-480V 50/60Hz | Arc Force | Hot Start

Technical Specifications

R4000CCCV	
MIG	✓
TIG	TIG with T300
MMA	✓
Input Voltage Range	380-480V
Input Phase	3
Mains Frequency (hz)	50/60
Rated Input Current	24A
Power Factor	>0.95
Open Circuit Voltage	2-40V MIG / >80V MMA
Output Current Range	20-400A
Duty Cycle@40°C	100%
Dimensions (mm) (H X W X L)	450 X 310 X 570
Weight (kg)	33
Insulation Class	IP21
Part Number	NA9910400

Additional Options

Option	Part Number
Trolley	NA9910802
Casters Assembly Kit	NAM91185
Water-Cooled Unit	NA9910502
RC300 Remote Current Control	NA9910701
5m x 50mm2 Earth Cable	NAM91006
5m x 50mm2 Electrode Lead	NAM91003
Other cable lengths are available	POA
Wire Feed Unit (WFU12-4C)	NA9910502
Wire Feed Unit (WFU12A-RV)	NA9910617

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MIG400 - 400A MIG Machine



- Digital display
- 4 roll wire drive system
- Inductance & arc trim function
- Safety circuits protects against overloading
- 500A option available

MADE IN BRITAIN

100% Duty Cycle

200/300 | 380-480V 50/60Hz | Arc Force | Hot Start

Technical Specifications

MIG400	
MIG	✓
TIG	x
MMA	x
Input Voltage Range	380-480V
Input Phase	3
Mains Frequency (hz)	50/60
Rated Input Current	24A
Power Factor	>0.95
Open Circuit Voltage	10-40V
Output Current Range	20-400A
Duty Cycle@40°C	100%
Dimensions (mm) (H X W X L)	1060 X 530 X 970
Weight (kg)	67
Insulation Class	IP21
Part Number	NA9910208

Additional Options

Option	Part Number
Trolley	NA9910701
Water-Cooled Unit	NA9910703
5m x 50mm2 Earth Assembly	NAM00018
5m Gas Hose	NAM91060
5m Interconnection Cable	POA
MB36 4m MIG torch	NAM91005
Wire Feed Unit (WFU12-4C)	NAM91002
Spigot Plate	NAM01727

Package Options

Option (Air Cooled)	Part Number
MIG400 Air Cooled, 5m Interconnection Cable, 5m Earth Cable, Trolley	NA9910208PKG

Option (Water Cooled)	Part Number
MIG400, Water Cooler, 5m Interconnection Cable, 5m Earth Cable, Trolley	NA9910208WCPKG

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Wire Feed Units



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- Powerful 4 roll wire drive system
- Digital display available
- Programmable version available
- 2T or 4T torch switch latching
- Wire inch &gas purge buttons
- Set burn back time
- Set slow start time
- Set initial start voltage
- Set pre-gas & post gas time
- Di erent panel options available

Technical Specifications

	WFU12-4C	WFU12A-ILS	WFU8A-ILS	WFU12A-RV*	WFU8A-RV*
MIG	✓	✓	✓	✓	✓
TIG	x	x	x	x	x
MMA	x	x	x	x	x
Input Voltage Range	24-36Vac	15-100V	15-100V	24-36Vac	24-36Vac
Output Current Range	400A	400A	400A	400A	400A
Duty Cycle@40°C	70%	70%	70%	70%	70%
Dimensions (mm) (H X W X L)	430 X 280 X 650	430 X 215 X 525	350 X 180 X 410	450 X 215 X 525	350 X 180 X 410
Weight (kg)	15	15	10	12	8.5
Insulation Class	IP23	IP53	IP53	IP53	IP53
Spool Size	305mm	200/300mm	200mm	200/300mm	200mm
Part Number	NA9910616	NA9910630	NA9910609	NA9910617	NA9910607

*Only compatible with Newarc Power Sources

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Wire Feed Unit - Panel Options



MF33

- 2T or 4T torch switch latching
- Set burn back time



MF34 / MF34p

- Digital display available
- 2T or 4T torch switch latching
- Wire inch & gas purge buttons
- Set burn back time
- Set slow start time
- Set initial start voltage
- Set pre-gas & post-gas time
- Programmable version available (MF34p)



MF36

- Constant voltage mode (CV)
- Constant current mode (CC)
- Wire speed
- Burn back
- Slow start
- Pre-gas
- Post-gas



MF37 / MF37p

- Digital display available
- 2T or 4T torch switch latching
- Wire inch button
- Set burn back time
- Set slow start time
- Set initial start voltage
- Set pre-gas & post-gas time
- Programmable version available (MF37p)



MF37-ILS

- Constant voltage mode (CV)
- Constant current mode (CC)
- Set wire speed • Burn back
- Slow start
- Latch
- Post-gas

Compatibility Table

Unit	Part Number	WFU12-4C	WFU12A-ILS	WFU8A-ILS	WFU12A-RV	WFU8A-RV
MF33	NAM90872	✓	x	x	✓	✓
MF34	NAM90866	✓	x	x	✓	✓
MF34p	NAM90871	✓	x	x	✓	✓
MF36	NAM90875	x	✓	✓	x	x
MF37	NAM91142	✓	x	x	✓	✓
MF37p	NAM91153	✓	x	x	✓	✓
MF37-ILS	NAM91147	x	✓	✓	x	x

RT2000 - 200A TIG Dual Voltage with Cellulosic ca pa bility



- Digital display
- Built-in hot start, anti sticking & arc force
- High frequency ignition

MADE IN BRITAIN

100% Duty Cycle

Cellulosic | 110-230V 50/60Hz | Arc Force | Hot Start | HF

Technical Specifications

RT2000	
MIG	x
TIG	✓✓
MMA	110/230 Dual
Input Voltage Range	1
Input Phase	50/60
Mains Frequency (hz)	44/28A
Rated Input Current	0.68
Power Factor	75V
Open Circuit Voltage	5-200A TIG / 5-150A MMA
Output Current Range	70% TIG / 100% MMA
Duty Cycle@40°C	310 X 150 X 420
Dimensions (mm) (H X W X L)	19
Weight (kg)	IP21
Insulation Class	NA99010303
Part Number	

Additional Options

Option	Part Number
RC300 Remote Current Control	NA9910701
Pulse Box	NA9910703
Remote Pendant	POA
Gas Hose	NAM91060
Argon Regulator	AE3005LX
TIG Torch	POA
5m x 35mm2 Earth Cable	NAM91005
5m x 35mm2 Electrode Lead	NAM91002
Other cable lengths are available	POA
Foot Pedal	TSX1T200FCP

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RT2500 - 250A TIG with Cellulosic capability



- Digital display
- Built-in hot start, anti sticking & arc force
- High frequency ignition

MADE IN BRITAIN

100% Duty Cycle

Cellulosic | 380-480V 50/60Hz | Arc Force | Hot Start | HF

Technical Specifications

RT2500	
MIG	x
TIG	✓
MMA	✓
Input Voltage Range	380-480V
Input Phase	3
Mains Frequency (hz)	50/60
Rated Input Current	13A
Power Factor	>0.95
Open Circuit Voltage	75V
Output Current Range	5-250A
Duty Cycle@40°C	100%@ 250A
Dimensions (mm) (H X W X L)	320 X 180 X 430
Weight (kg)	18
Insulation Class	IP21
Part Number	NA9910305

Additional Options

Option	Part Number
RC300 Remote Current Control	NA9910701
Pulse Box	NA9910703
Remote Pendant	POA
Gas Hose	NAM91060
Argon Regulator	AE3005LX
TIG Torch	POA
5m x 35mm2 Earth Cable	NAM91005
5m x 35mm2 Electrode Lead	NAM91002
Other cable lengths are available	POA
Foot Pedal	TSX1T200FCP

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RT4000 - 400A TIG with Cellulosic capability



- Digital display
- Built-in hot start, anti sticking & arc force
- High frequency ignition
- 500A option available

MADE IN BRITAIN

100% Duty Cycle

Cellulosic | 380-480V 50/60Hz | Arc Force | Hot Start | HF

Technical Specifications

RT4000	
MIG	x
TIG	✓
MMA	✓
Input Voltage Range	360-480V
Input Phase	3
Mains Frequency (hz)	50/60
Rated Input Current	24A
Power Factor	>0.95
Open Circuit Voltage	>80V
Output Current Range	25-400A
Duty Cycle@40°C	100%
Dimensions (mm) (H X W X L)	450 X 310 X 570
Weight (kg)	33
Insulation Class	IP21
Part Number	NA9910310

Additional Options

Option Caster	Part Number
Assembly Kit Water-	NAM91185
Cooled Unit RC300	NA9910502
Remote Current Control	NA9910701
Foot Pedal	NA9910702
Pulse Box	NA9910703

Package Options

Option (Water Cooled)	Part Number
Water-Cooled Unit	NA9910502
5m x 50mm2 Earth Cable	NAM91006
5m x 50mm2 Air Interconnection Cable	NAM91080S
Trolley	NA9910802
TIG Torch - WP26	NABIN26F-12SC

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T300 - 300A DC HF TIG Unit



- Digital display
- Connect to any Newarc constant current (CC) or multi-process (CCCV) machine to gain TIG facility
- High frequency ignition
- May be used in excess of 100m from the power source
- Additional sockets are provided at the rear for MMA use

MADE IN BRITAIN

Arc Force | Hot Start | HF | PULSE

Technical Specifications

T300	
MIG	x
TIG	✓
MMA	✓
Input Voltage Range	N/A
Input Phase	N/A
Mains Frequency (hz)	N/A
Rated Input Current	N/A
Power Factor	N/A
Open Circuit Voltage	N/A
Output Current Range	20-300A
Duty Cycle@40°C	60%
Dimensions (mm) (H X W X L)	220 X 180 X 370
Weight (kg)	7.5
Insulation Class	IP54
Part Number	NA9910309

Additional Options

Option	Part Number
Pulse Box	NA9910701
Remote Pendant	POA
RC300 Remote Current Control	NA9910703

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VIPER2000- 200A inline High Frequency DC TIG Control Unit



- Operates from the open circuit voltage of any DC power source with an output of 40-100 volts
- High frequency ignition
- May be used up to 100m from the power source
- Argon flow meter
- Protected against damage caused by incorrect polarity connection

MADE IN BRITAIN

100% Duty Cycle

HF

Technical Specifications

VIPER2000	
MIG	x
TIG	✓
MMA	✓
Input Voltage Range	40-100V DC
Output Current Range	200A
Duty Cycle@40°C	100%
Dimensions (mm) (H X W X L)	210 X 129 X 322
Weight (kg)	5.5
Part Number	NA9910307

Additional Options

Option	Part Number
5m x 35mm2 Earth Assembly	NAM91005
5m x 35mm2 Electrode Assembly	NAM91002
5m Gas Hose Assembly	NAM91060
5m x 35mm2 Welding Cable	NAM10068
4m WP26 TIG torch	RWN26-12SS

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VIPER2500S - 250A inline High Frequency DC TIG Control Unit

Best Selling Pr oduct



- Operates from the open circuit voltage of any DC power source with an output of 30-90 volts
- High frequency ignition
- Allows independent control of the welding current of any DC power source without the need for auxiliary or control cables
- May be used up to 100m from the power source
- Post gas timing
- Argon flow meter
- Protected against damage caused by incorrect polarity connection

MADE IN BRITAIN

100% Duty Cycle

HF

Technical Specifications

VIPER2500S	
MIG	x
TIG	✓
MMA	✓
Input Voltage Range	30-90V DC
Output Current Range	30-250A
Duty Cycle@40°C	100%
Dimensions (mm) (H X W X L)	300 X 190 X 450
Weight (kg)	15.5
Part Number	NA9910308

Additional Options

Option	Part Number
5m x 35mm2 Earth Assembly	NAM91005
5m x 35mm2 Electrode Assembly	NAM91002
5m Gas Hose Assembly	NAM91060
5m x 35mm2 Welding Cable	NAM10068
4m WP26 TIG torch	RWN26-12SS

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METAL FUSION FOR THE NEXT GENERATION

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NEWARC

Established in 1972, Newarc has grown within the heart of the Northeast industrial landscape. We understand that our welding machines constitute an investment for our customers, therefore robust quality is assured as all models meet international standards, undergo rigorous testing to deliver high duty cycles and ease of use. Newarc equipment is a firm welder's choice.

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Extractability.

Extractability's extensive knowledge of the current legislation in fume and dust control, aligned with their understanding of the welding/ fabrication processes makes them the perfect partner in controlling hazardous substances at source. We have total confidence in our certified fume and dust extraction products. We can also o er a truly bespoke solution, with installation, service, and ongoing maintenance.

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Notes





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