



**Welding Equipment
& Consumables**

Welding and Cutting Machine Range Spring/Summer 2019



WELDING TOGETHER SINCE 1992:

- ✓ Getting you welding
- ✓ Keeping you welding
- ✓ Supporting you welding

01452 733 933 • www.r-techwelding.co.uk

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BUILT WITH
SIEMENS
POWER MODULES

The R-Tech range of welding machines and plasma cutters are built using Infineon (part of the Siemens group) IGBT power modules giving excellent reliability and high duty cycles.

DEKO

Interest Free Credit Available

R-Tech Welding Equipment Ltd are pleased to offer our customers finance packages. Instant decision - No paper forms - No hassle and no waiting - Takes only minutes to apply online!

Available on orders over £350.00 inc V.A.T - You can pay between 10%-50% deposit. Goods despatched same day if approved and deposit taken before 3pm (If items are in stock)

6 and 12 Months Interest Free, 24 and 36 Months at low rate of 9.9% APR. Please contact us or visit our website for more information.

R-TECH PRODUCTS ARE TRUSTED BY:



UK-designed machines, fast turnaround and next day delivery

We are a family run UK business committed to providing high quality welding and cutting equipment, consumables and accessories at competitive prices all backed up by our friendly experienced staff.



All our R-Tech MIG, TIG, ARC Welders and Plasma Cutters are built using high quality branded components which is why we are proud to offer a 3 year collect & return UK warranty with all our R-Tech machines.

We aim to answer every telephone call, every email and enquiry as quickly as we can; and it doesn't matter whether it's technical or sales-related - we always listen.

Strong values run through the core our family-run business and we have been in the welding industry for over 25 years - allowing us a unique insight into what makes customers really love what we do.



"I believe that customer service should be the core of any business, we believe that old fashioned values need to be respected and too many companies nowadays seem to have forgotten this. We thrive on giving 100% to all our customers whether it be sales, technical support or repair service"

ROBERT WHITE, R-TECH MANAGING DIRECTOR

Welding Together Since 1992

Getting you welding

- ✓ Friendly, expert advice on product choice
- ✓ Phone call to go through set-up
- ✓ Finance available
- ✓ Get your machine fast

Keeping you welding

- ✓ 3-year warranty
- ✓ Reliable Siemens/Infineon IGBT power units
- ✓ Quick, cost-effective repairs
- ✓ Next day delivery consumables

Supporting you welding

- ✓ Guides and videos library
- ✓ UK technical support team
- ✓ Always here to help
- ✓ 10-year duty of care, because we care!





Class leading components and a wealth of advanced features

This range of welders is the serious choice for TIG welding and will weld almost any metal.

- HF micro start enables easy arc ignition and prevents HF from causing interference with other localized electronic equipment. This is a feature normally only found on more expensive machines.
- Features DC mode for steels and AC mode for alloys. Both models also feature MMA (arc) welding functionality too.
- Foot pedals give you the ultimate in smooth power delivery and control. Weld from minimum amps up to any pre-set maximum of your choice. Ideal for intricate or complicated welds.
- Fully featured pulse welding enables the adjustment of pulse width, amperage and frequency, thus reducing heat deformation and providing greater control of the weld pool. Ideal for stainless steel applications.
- Adjustable AC frequency between 20 to 250Hz this allows for quicker travel speed, improved penetration and provides a narrower weld bead. This feature is normally only found on more expensive TIG welders.
- Perfect for fabrication, aerospace, automotive industry, maintenance, marine applications, restoration and more.

Optional TIG Welder Accessories Available



Water Cooler

This model features a 7 litre tank and a large heat exchanger allowing cooling up to 600 Amps.



Standard Trolley

Made for our R-Tech Welders & Plasma Cutters, this trolley has two good sized trays.



SSC Remote Pedal

USA made professional remote pedal with low profile for extra comfort. Fits all R-Tech TIG Welders.





SKU: TIG161

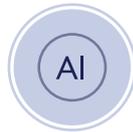
160amp AC/DC TIG Welder 240V



5mm Max Weld



Welds Steel



Welds Aluminium

WHAT'S IN THE BOX?

Our complete package includes a 4m air cooled WP26 torch, earth lead, MMA lead, gas hose, mains cable, regulator, owners manual and a torch consumables kit.

TECHNICAL SPECIFICATIONS

TIG output @ 35% duty cycle	160amps
AC TIG output	20-160amps
DC TIG output	10-160amps
MMA output	10-120amps
AC squarewave balance control	Yes (30-70%)
AC squarewave frequency control	50-250Hz
High frequency micro start	Yes
Generator friendly recommended size	5kVA
Slope up/slope down	0-5 seconds
Gas post-flow	1-25 seconds
Pulse current range	5-160amps
Pulse width range	0.1-0.9 seconds
Pulse frequency range	0.5-25Hz
2T/4T trigger operation (trigger latching)	Yes
LED amperage display - pre-set & actual	Yes
Cooling fan with quiet DC fan system	Yes
MMA hot start	Yes
240V auxiliary output for water cooler, etc.	Yes
Net weight	25kg
Dimensions (mm)	515x220x395

TIG TORCH OPTIONS	LENGTH	RATING
WP18 water cooled	4m & 8m	350A DC - 250A AC
WP20 water cooled	4m & 8m	250A DC - 175A AC
WP26 air cooled	8m	200A DC - 150A AC



SKU: TIG201

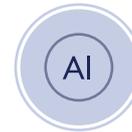
200amp AC/DC TIG Welder 240V



7mm Max Weld



Welds Steel



Welds Aluminium

WHAT'S IN THE BOX?

Our complete package includes a 4m air cooled WP26 torch, earth lead, MMA lead, gas hose, mains cable, regulator, owners manual and a torch consumables kit.

TECHNICAL SPECIFICATIONS

TIG output @ 60% duty cycle	200amps
AC TIG output	20-200amps
DC TIG output	5-200amps
MMA output	10-160amps
AC squarewave balance control	Yes (30-70%)
AC squarewave frequency control	50-250Hz
High frequency micro start	Yes
Generator friendly recommended size	6.5kVA
Slope up/slope down	0-5 seconds
Gas post-flow	1-25 seconds
Pulse current range	5-200amps
Pulse width range	0.1-0.9 seconds
Pulse frequency range	0.5-25Hz
2T/4T trigger operation (trigger latching)	Yes
LED amperage display - pre-set & actual	Yes
Cooling fan - fan on demand	Yes
MMA hot start	Yes
240v auxiliary output for water cooler, etc...	Yes
Net weight	29kg
Dimensions (mm)	515x220x395

TIG TORCH OPTIONS	LENGTH	RATING
WP18 water cooled	4m & 8m	350A DC - 250A AC
WP20 water cooled	4m & 8m	250A DC - 175A AC
WP26 air cooled	8m	200A DC - 150A AC



INCLUDES USS
MADE SSC FOOT
PEDAL

BUILT WITH
SIEMENS
POWER MODULES

SKU: TIG170EXT

170amp AC/DC Digital TIG Welder 240V

- Digital control panel - extra control
- 4 x AC waveforms
- Quiet fan cooling system
- HF arc starting
- Water cooling options available
- Low starting amperage of 3A DC & 5A AC
- Suitable for very thin materials
- Ideal for beginners and advanced welders

Digital TIG Welders give you the ultimate control of weld parameters with 4 AC waveforms, advanced pulse welding up to 500Hz, low starting amperage of 3A DC & 5A AC so are suitable for very thin materials.. Ideal for beginners and advanced welders.

WHAT'S IN THE BOX?

SSC® remote foot pedal, 4m WP26 ultra-flex TIG torch, 3m earth lead, MMA lead, argon regulator, gas hose, torch consumables pack.

TECHNICAL SPECIFICATIONS

TIG output @ 60% duty cycle	170amps
MMA output @ 35% duty cycle	125amps
9 memory store function	Yes
Required input (TIG)	240V 13amps
Pulse width	5-95%
Pulse amperage	5-95% of amps
MMA hot start	Yes
Pulse frequency range DC	0.5-500Hz
Pulse frequency range AC	0.5-250Hz
Slope up/slope down	0-25 seconds
Gas pre-flow/gas post-flow	0-25/0-50 seconds
AC frequency adjustment	20-250Hz
Generator recommended size (with AVR)	6kVA
2T/4T trigger operation (trigger latching)	Yes
VRD voltage reduction for Safer MMA welding	Yes
Dimensions (mm)	438x232x550
Net weight	23kg



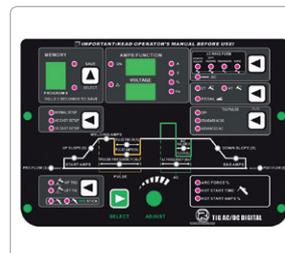
5mm Max Weld



Welds Steel



Welds Aluminium



Digital Panel for Full Control



Includes 4m WP26 TIG torch



3 year collect and return no-quibble UK warranty on all machines



SKU: TIG210EXT

210amp AC/DC Digital TIG Welder 240V

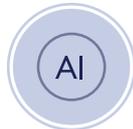
- Digital control panel - extra control
- 4 x AC waveforms
- HF arc starting
- Water cooling options available
- Low starting amperage of 3A DC & 5A AC
- Suitable for very thin materials
- Ideal for beginners and advanced welders
- Fan on demand cooling system



7mm Max Weld



Welds Steel



Welds Aluminium

WHAT'S IN THE BOX?

SSC® remote foot pedal, 4m WP26 ultra-flex TIG torch, 3m earth lead, MMA lead, argon regulator, gas hose, torch consumables pack.

TECHNICAL SPECIFICATIONS

TIG output @ 60% duty cycle	210amps
MMA output @ 35% duty cycle	160amps
9 memory store function	Yes
Required input (TIG)	240V 16amps
Pulse width	5-95%
Pulse amperage	5-95% of amps
MMA hot start	Yes
Pulse frequency range DC	0.5-500Hz
Pulse frequency range AC	0.5-250Hz
Slope up/slope down	0-25 seconds
Gas pre-flow/gas post-flow	0-25/0-50 seconds
AC frequency adjustment	20-250Hz
Generator recommended size (with AVR)	7kVA
2T/4T trigger operation (trigger latching)	Yes
VRD voltage reduction for Safer MMA welding	Yes
Dimensions (mm)	438x232x550
Net weight	24kg



SKU: TIG260EXT

260amp AC/DC Digital TIG Welder 240V

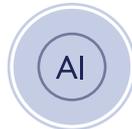
- Digital control panel - extra control
- 4 x AC waveforms
- HF arc starting
- Water cooling options available
- Low starting amperage of 3A DC & 5A AC
- Suitable for very thin materials
- Ideal for beginners and advanced welders
- Fan on demand cooling system



9mm Max Weld



Welds Steel



Welds Aluminium

WHAT'S IN THE BOX?

SSC® remote foot pedal, 4m WP26 ultra-flex TIG torch, 3m earth lead, MMA lead, argon regulator, gas hose, torch consumables pack.

TECHNICAL SPECIFICATIONS

TIG output @ 60% duty cycle	260amps
MMA output @ 35% duty cycle	210amps
9 memory store function	Yes
Required input (TIG)	240V 32amps
Pulse width	5-95%
Pulse amperage	5-95% of amps
MMA hot start	Yes
Pulse frequency range DC	0.5-500Hz
Pulse frequency range AC	0.5-250Hz
Slope up/slope down	0-25 seconds
Gas pre-flow/gas post-flow	0-25/0-50 seconds
AC frequency adjustment	20-250Hz
Generator recommended size (with AVR)	12kVA
2T/4T trigger operation (trigger latching)	Yes
VRD voltage reduction for Safer MMA welding	Yes
Dimensions (mm)	438x232x550
Net weight	26kg



INCLUDES USS
MADE SSC FOOT
PEDAL

BUILT WITH
SIEMENS
POWER MODULES

SKU: TIG320EXT

320amp AC/DC Digital TIG Welder 240V

- Digital control panel - extra control
- 4 x AC waveforms
- Fan on demand cooling system
- HF arc starting
- Water cooling options available
- Low starting amperage of 5A DC & 10A AC
- Suitable for very thin materials

The TIG320EXT Digital TIG Welder gives you the ultimate control of weld parameters with 4 AC waveforms, advanced pulse welding up to 500Hz, low starting amperage of 5A DC & 10A AC, so is suitable for very thin materials and with 320 amps maximum it will weld up to 12mm.

WHAT'S IN THE BOX?

SSC® remote foot pedal, 4m WP26 ultra-flex TIG torch, 3m earth lead, MMA lead, argon regulator, gas hose, torch consumables pack.

TECHNICAL SPECIFICATIONS

TIG output @ 60% duty cycle	320amps
MMA output @ 35% duty cycle	250amps
9 memory store function	Yes
Required input (TIG)	415V 16amps
Pulse width	5-95%
Pulse amperage	5-95% of amps
MMA hot start	Yes
Pulse frequency range DC	0.5-500Hz
Pulse frequency range AC	0.5-250Hz
Slope up/slope down	0-25 seconds
Gas pre-flow/gas post-flow	0-25/0-50 seconds
AC frequency adjustment	20-250Hz
Generator recommended size (with AVR)	10kVA
2T/4T trigger operation (trigger latching)	Yes
VRD voltage reduction for safer MMA welding	Yes
Dimensions (mm)	438x232x550
Net weight 170/210/260	28kg



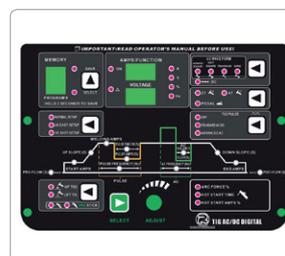
12mm Max Weld



Welds Steel



Welds Aluminium



Digital Panel for Full Control



Includes 4m WP26 TIG torch



3 year collect and return no-quibble UK warranty on all machines



INCLUDES USS
MADE SSC FOOT
PEDAL

BUILT WITH
SIEMENS
POWER MODULES

SKU: TIG400EXT

400amp AC/DC Digital TIG Welder 240V

- Digital control panel - extra control
- 9 memory store function
- High 60% duty cycle
- 4 x AC waveforms
- HF arc starting
- AC Frequency control 20-250Hz
- Optional water cooling available
- Fan on demand cooling system

The TIG400EXT digital TIG welder gives you the ultimate control of weld parameters with 4 AC waveforms, advanced pulse welding up to 500Hz, low starting amperage of 5A DC & 10A AC, so is suitable for very thin materials and with 400 amps maximum it will weld up to 15mm.

WHAT'S IN THE BOX?

SSC® remote foot pedal, 4m WP26 TIG torch, 3m earth lead, MMA lead, argon regulator, gas hose, torch consumables pack.

TECHNICAL SPECIFICATIONS

TIG output @ 60% duty cycle	400amps
MMA output @ 35% duty cycle	315amps
9 memory store function	Yes
Required input (TIG)	415V 32amps
Pulse width	5-95%
Pulse amperage	5-95% of amps
Pulse frequency range DC	0.5-500Hz
Pulse frequency range AC	0.5-250Hz
Slope up/slope down	0-25 seconds
Gas pre-flow/gas post-flow	0-25/1-50 seconds
AC frequency adjustment	20-250Hz
Generator recommended size (with AVR)	12kVA
2T/4T trigger operation (trigger latching)	Yes
VRD voltage reduction for safer MMA welding	Yes
Dimensions (mm)	660x280x550
Net weight 170/210/260	34kg



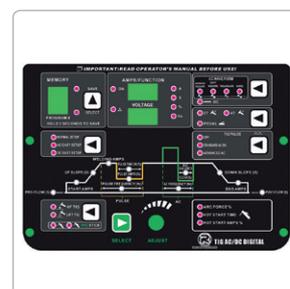
14mm Max Weld



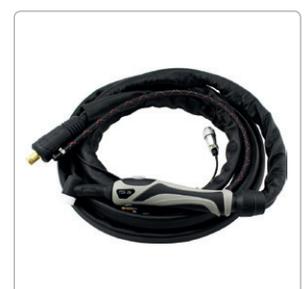
Welds Steel



Welds Aluminium



Digital Panel for Full Control



Includes 4m WP26 TIG torch



SKU: TIG160PDC

160amp DC TIG Welder 240V

- HF start for easy arc starting
- Pulse welding
- High 35% duty cycle
- Ideal for maintenance, fabrication and automotive applications

The TIG160PDC TIG welder requires a 240V 13amp input and our complete package includes a 4-metre WPI7 TIG torch, earth lead, MMA lead, gas hose, mains cable, argon regulator, owners manual and a torch consumables kit with tungsten electrodes.



5mm Max Weld



Welds Steel



Works with 13A Supply

WHAT'S IN THE BOX?

4m WPI7 Superflex TIG torch, earth lead, MMA Lead, gas hose, mains cable, argon regulator, owners manual and a torch consumables kit with tungsten electrodes.

TECHNICAL SPECIFICATIONS

TIG output @ 35% duty cycle	160amps
MMA output @ 35% duty cycle	125amps
Required input (TIG)	240V 13amps
Pulse welding	Yes
Pulse frequency range	0.5-25Hz
HF start	Yes
MMA hot start	Yes
Slope up/slope down	0-5 seconds
Gas post-flow	1-10 seconds
2T/4T trigger operation (trigger latching)	Yes
Generator recommended size (with AVR)	5kVA
LED actual amperage display	Yes
Dimensions (mm)	425x195x310
Weight	13kg



SKU: TIG160PD-D

160amp Digital DC TIG Welder 240V

- Digital control panel
- 9 memory store function
- High 35% duty cycle
- Ideal for pipe welding
- Lightweight and portable

Giving you the ultimate control of your arc with an amperage range of 5-160 amps, HF arc starting, adjustable start/final amps & pre/post-flow gas. Pulse frequency to 500Hz, 2T/4T trigger operation & 9 memory store. MMA output 130A with anti-stick/arc force.



5mm Max Weld



Welds Steel



Works with 13A Supply

WHAT'S IN THE BOX?

4m WPI7 air cooled TIG torch, earth lead, MMA lead, gas hose, mains cable, argon regulator, owners manual, torch consumables kit including tungstens.

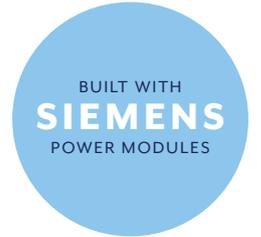
TECHNICAL SPECIFICATIONS

TIG output @ 35% duty cycle	160amps
MMA output @ 35% duty cycle	130amps
Required input (TIG)	240v 13amps
Pulse welding	Yes
Pulse frequency range	0.5-500Hz
HF start	Yes
MMA hot start	Yes
Slope up/slope down	0-25 seconds
Gas pre-flow/post-flow	0-10/0-25 seconds
2T/4T trigger operation	Yes
Generator recommended size (with AVR)	5kVA
Start/final amps adjustment	Yes
Dimensions (mm)	425x195x310
Weight	13kg





FOOT PEDAL AVAILABLE



SKU: TIG200DV-PD

200amp DC Digital TIG Welder 110V/240V Dual Voltage

- Digital control panel
- Full pulse welding
- 9 memory store function
- High 60% duty cycle
- Start & final amps
- Slope up & down
- HF arc starting
- Ideal for pipe welding

The TIG200DV-PD digital TIG welder gives you the ultimate control of your arc with an amperage range of 5-200amps, HF arc starting, adjustable start/final amps & pre/post flow gas. Pulse frequency to 500Hz, 2T/4T trigger operation & 9 memory store. MMA output 160A with anti-stick/arc force.

WHAT'S IN THE BOX?

4m WP26 air cooled TIG torch, earth lead, MMA lead, gas hose, mains cable, argon regulator, owners manual, torch consumables kit including tungstens.

TECHNICAL SPECIFICATIONS

TIG output @ 60% duty cycle	200amps
MMA output @ 35% duty cycle	160amps
Required input (TIG)	240V 16amps
Pulse welding	Yes
Pulse frequency range	0.5-500Hz
HF start	Yes
MMA hot start, arc force & anti-stick	Yes
Slope up/slope down	0-10 seconds
Gas post-flow	1-25 seconds
2T/4T trigger operation	Yes
Generator recommended size (with AVR)	6.5kVA
Start/Final amps adjustment	Yes
Dimensions (mm)	425x195x310
Weight	18kg



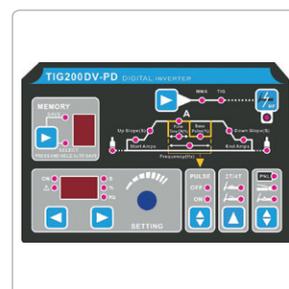
7mm Max Weld



Welds Steel



Dual Voltage



Digital Panel for Full Control



Accessories Included



SKU: MIG180

180amp MIG & MMA Welder 240V

- Inverter technology
- High 35% duty cycle
- Quality metal wire feed assembly
- Euro torch fitting
- Infinite power control

With class leading inverter technology this portable MIG/MMA welder packs a powerful 180amps. With infinite power control from 25 –180amps. Ideal for automotive, light fabrication and maintenance work. Features metal wire feed assembly for smooth wire feed and excellent weld bead consistency. MMA welding output of 160amps is ideal for 4mm arc welding rods.



6mm Max Weld



Welds Steel



Takes 5kg Reels

WHAT'S IN THE BOX?

3m MB15 air cooled MIG torch, earth lead, gas hose, mains cable, gas regulator, owners manual.

TECHNICAL SPECIFICATIONS

MIG output @ 35% duty cycle	180amps
MMA output @ 35% duty cycle	160amps
Required input	240V 13amps
Maximum output MIG/MMA	180amps/160amps
Metal wire feed assembly	Yes
Generator recommended size	6kVA
Euro style torch	Yes
Welding range (MIG)	25-180amps
Reel size	5kg
Wire width capacity (steel)	0.6 & 0.8mm
Wire width capacity (alloy)	0.8 & 1.0mm
Roller size as standard	0.6/0.8mm
Dimensions (mm)	330x210x410
Net weight	14kg



SKU: RT-PROMIG250-1

250amp MIG & MMA Welder 240V

- Inverter technology
- High 35% duty cycle
- Quality metal wire feed assembly
- Euro torch fitting
- Infinite power control

Featuring industry leading inverter technology this MIG/MMA welder packs a powerful 250amps with infinite power adjustment from 25 –250amps. Ideal for automotive, heavy fabrication and maintenance departments. Features metal wire feed assembly for smooth wire feed resulting in excellent weld bead consistency. MMA output of 200amps is ideal for up to 4mm arc welding rods.



9mm Max Weld



Welds Steel



Takes 15kg Reels

WHAT'S IN THE BOX?

3m MB25 air cooled MIG torch, earth lead, gas hose, mains cable, gas regulator, owners manual.

TECHNICAL SPECIFICATIONS

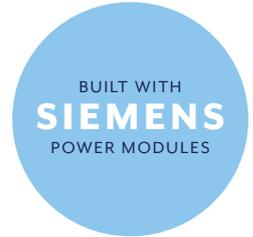
MIG/MMA output @ 35% duty cycle	250/200amps
MIG output @ 60% duty cycle	200amps
Required input	240V 32amps
Maximum output MIG/MMA	250/200amps
Generator recommended size	7KVA
Cooling fan with thermostatic protection	Yes
Metal wire feed assembly	Yes
Euro style torch - easy torch replacement	Yes
Welding Range (MIG)	25-250amps
Reel size	5 & 15kg
Wire width capacity	0.6, 0.8 & 1.0mm
Roller size (fitted as standard)	0.6, 0.8 & 1.0mm
Dimensions (mm)	280x350x510
Net weight	17kg



3 year collect and return no-quibble UK warranty on all machines



OPTIONAL
SPOOL GUN FOR
ALUMINIUM



BUILT WITH
SIEMENS
POWER MODULES

SKU: MIG-MTS-255S

250amp Synergic MIG/TIG/ARC Welder 240V

The MTS255S is a multi-process synergic MIG, TIG and arc welder capable of welding at 250amps in MIG & TIG and 200amps in MMA mode.

- Synergic MIG for easy setup, simply select wire type, diameter and power required and the machine automatically adjusts wire feed speed.
- Digital control panel for easy adjustments and memory store for up to 9 jobs.
- Comes with MB25 MIG torch, 4m WP26 TIG torch, earth lead, mains cable, gas hose, gas regulator, torch consumables kit and owners manual.
- Perfect for fabrication, maintenance and automotive welding.

WHAT'S IN THE BOX?

3m MB25 air cooled MIG torch, 4m WP26 TIG torch, earth lead, gas hose, mains cable, gas regulator, owners manual and torch consumables kit.

TECHNICAL SPECIFICATIONS

Output @ 35% duty cycle MIG/TIG	250amps
Output @ 35% duty cycle MMA	200amps
Required Input	240V 32amps
Euro style torch	Yes
Adjustable arc force - controls splatter	Yes
Generator friendly recommended size	10kVA
LED amperage/voltage display	Yes
Welding Range MIG	25-250amps
Reel capacity	5kg
Wire width capacity (Steel)	0.6, 0.8 & 1.0mm
Wire width capacity (Alloy)	0.8, 1.0 & 1.2mm
Roller size (fitted as standard)	0.6/0.8/1.0mm
Dimensions (mm)	560x230x420
Net weight	25kg



9mm Max Weld



Welds Steel



Takes 5kg Reels



Digital Panel for Full Control



Accessories Included



21

WELDING CONTROL
SETTINGS

4 ROLL

GEARED WIRE
FEED UNITGENUINE
**ABICOR
BINZEL®**
EURO-TORCH

SKU: CMIG315

315amp MIG Welder 415V

The CMIG315 is an industrial specification transformer-based MIG welder that runs from a 415V three-phase supply and boasts a heavy duty 4 roll geared wire feed unit assembly, ideal for heavy fabrication & maintenance.

This full size, 315amp MIG comes with a Euro-fitting Binzel torch, can weld steels or alloys and carry a full sized gas bottle with ease.

Complete with our 3 year warranty.

WHAT'S IN THE BOX?

Our complete package includes a genuine Binzel® Air Cooled MB36 4 metre MIG torch, earth lead, gas hose, mains cable, gas regulator and owners manual.

TECHNICAL SPECIFICATIONS

Output @ 40% duty cycle	315amps
Output @ 100% duty cycle	200amps
Required input	415V
Maximum output	315amps
Adjustable arc force	Yes
Generator recommended size	12kVA
LED amperage/volts display	Yes
Welding range	40-315amps
Reel capacity	15kg
Wire width capacity (steel)	0.6-1.2mm
Wire width capacity (alloy)	0.6-1.2mm
Roller size (fitted as standard)	0.8/1.0 + 1.2/1.6mm
Dimensions (mm)	900x440x750
Net weight	85kg



11mm Max Weld



Welds Steel



Takes 15kg Reels



Accessories Included



4 Roll Geared Wire Feed



3 year collect and return no-quibble UK warranty on all machines



4 ROLL
GEARED WIRE
FEED UNIT

GENUINE
**ABICOR
BINZEL®**
EURO-TORCH

SKU: **MIG-MTS-450SWF**

450amp Inverter MIG & MMA Welder 415V

The MTS450 SWFU is an industrial specification Inverter MIG & MMA arc welder that runs from a 415V 3-phase supply. It boasts a heavy duty 4-roll geared wire feed unit assembly, ideal for heavy fabrication & maintenance. Complete with heavy duty trolley and our 3 year warranty.

Infinite power control gives you full precise control of weld power when compared to traditional transformer welders.

WHAT'S IN THE BOX?

Our complete package includes a genuine Binzel® air cooled MB36 4 metre MIG torch, 5m inter-connecting cables, earth Lead, gas hose, mains cable, gas regulator, owners manual and heavy duty trolley.

TECHNICAL SPECIFICATIONS

Output @ 60% duty cycle	450amps
Output range MIG	35-450amps
Output range MMA ARC	20-450amps
Input voltage/amps	415V 3 Phase 32amps
Adjustable arc force	Yes
Generator recommended size	12kVA
LED amperage/volt display	Yes
Interconnecting cable length	5m
Reel capacity	15kg
Wire width capacity (steel)	0.6-1.2mm
Wire width capacity (alloy)	0.6-1.2mm
Roller sizes supplied	0.8/1.0 + 1.2/1.6mm
Dimensions (mm)	900x440x750
Net weight	85kg



24mm Max Weld



Welds Steel



Takes 15kg Reels



Accessories Included



4 Roll Geared Wire Feed



SKU: P30C

30amp Plasma Cutter

- Runs from a 13amp supply
- 8mm clean cut on steel
- HF Start for easy arc starting
- High 35% duty cycle

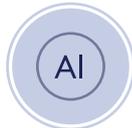
The PLASMA 30C package includes a 4.5M plasma cutter torch, earth lead, air pressure regulator and PCL fitting, mains cable, owners manual and a torch consumables kit including tips, electrodes, gas distributors and shield cups.



12mm Max Cut



Cuts Steel



Cuts Aluminium

WHAT'S IN THE BOX?

4.5m plasma cutter torch, earth lead, mains cable, air pressure regulator and PCL fitting, owners manual, standard torch consumables kit - 5x tips/electrodes, 3x shield cups, 3x gas distributors.

TECHNICAL SPECIFICATIONS

Output @ 35% duty cycle	30amps
Cutting power	30amps
Amperage adjustment	15-30amps
240V input fuse rating	13amps
Severance cut (max)	12mm
Clean cut on steel	8mm
Clean cut alloy & stainless steel	6mm
HF arc starting	Yes
Quick fit torch	Yes
Handy carry strap	Yes
LED amperage display	Yes
Air consumption 3.5cfm 50psi	90l/min
Dimensions (mm)	390x190x290
Net weight	14kg



SKU: P50HF

50amp Plasma Cutter

- HF Pilot Arc Starting
- 18mm clean cut on steel
- Easy torch fitting
- High 60% duty cycle
- Low cost consumables

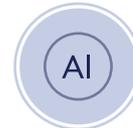
The PLASMA 50HF includes a 6m cutting torch, earth lead, air pressure regulator and PCL fitting, mains cable, owners manual and a torch consumables kit including 5x tips/electrodes.



24mm Max Cut



Cuts Steel



Cuts Aluminium

WHAT'S IN THE BOX?

6m LT70 plasma cutter torch, earth lead, mains cable, air pressure regulator and PCL fitting, owners manual.

TECHNICAL SPECIFICATIONS

Output @ 60% duty cycle	50amps
Input amperage	32amps
Genuine clean cut size mild steel	18mm
Genuine cut on alloy/stainless steel	13mm
Severance cut size on steel	24mm
HF pilot arc & re-start	Yes
LED amperage display	Yes
Generator friendly recommended size	8kVA
Industrial quality metal chassis	Yes
Thermostatic protection	Yes
Quick fit torch	Yes
Air consumption 3.45 bar 50psi	100l/min (3.5cfm)
Dimensions (mm)	390x190x290
Net weight	19kg





32MM
GENUINE
CLEAN CUT

BUILT WITH
SIEMENS
POWER MODULES

SKU: **PLASMA100I**

100amp Plasma Cutter

- 32mm genuine clean cut on steel
- High 35% duty cycle
- Ideal for fabrication, aerospace, automotive industry and agricultural use
- Long life low cost consumables

This heavy duty plasma cutter can cut 32mm mild steel cleanly, it's tough, durable and built to cut all day long. With a 6 metre cutting torch with safety feature, HF pilot arc starting – this plasma cutter suits demanding environments.

WHAT'S IN THE BOX?

6m plasma cutting torch, earth lead, mains cable, air pressure regulator and PCL fitting, owners manual and a torch consumables kit including 5x tips/electrodes and 3x ceramic cups.

TECHNICAL SPECIFICATIONS

Output @ 35% duty cycle	100amps
Input amperage	22amps
Genuine clean cut size on mild steel	32mm
Genuine cut size on alloy/stainless steel	24mm
Severance cut size on steel	40mm
HF pilot arc (easy starting)	Yes
HF pilot arc re-start	Yes
LED amperage/voltage display	Yes
Generator friendly recommended size	12kVA
Low air pressure warning	Yes
Cooling fan with thermostatic protection	Yes
Quick fit torch with safety feature	Yes
Air consumption @ 3.8BAR (75psi)	220l/m
Long life consumables	Yes
Dimensions (mm)	515x220x395
Net weight	24kg

TORCH CONSUMABLES

Electrode	P100I-EL
Cutting tip 0.8mm 30A	P100I-CT08
Cutting tip 1.1mm 60A	P100I-CT11
Cutting tip 1.35mm 80A	P100I-CT13
Cutting tip 1.5mm 100A	P100I-CT15
Shroud	P100I-RN
Torch head	P100I-THH
Complete 6m hand torch	P100I-6MHHT
Torch head machine type	P100I-THM



40mm Max Cut



Cuts Steel



Cuts Aluminium



SKU: RT-PROARC135

135amp MMA Welder

- Welds up to 3.2mm rods
- Anti-stick technology
- Automatic arc force - enables easy arc starting
- Hand carry strap
- Rugged carry case
- Lightweight and portable

The R-Tech Pro-Arc135 is lightweight and portable so ideal for maintenance and light fabrication work. Comes with rugged case and lead set.



3.2mm Max Rod



Welds Steel



Fan Cooling

WHAT'S IN THE BOX

3m earth & MMA leads, mains cable, owners manual, rugged carry case.

TECHNICAL SPECIFICATIONS

Output @ 35% duty cycle	135amps
Output @ 60% duty cycle	100amps
Output @ 100% duty cycle	80amps
Required input	240V 16amps
Maximum output	135amps
Generator recommended size	6kVA
Amperage adjustment	15-135amps
LED amperage display	Yes
Cooling fan with thermostatic protection	Yes
Dimensions (mm)	290x130x210
Net weight	4.2kg



SKU: RT-PROARC175STL

175amp MMA Welder

- Welds up to 4.0mm rods
- Anti stick technology
- Automatic arc force - enables easy arc starting
- Hand carry strap
- Rugged carry case
- Lightweight and portable

The R-Tech Pro-Arc175 is lightweight and portable so ideal for maintenance and fabrication work. Comes with rugged case and lead set.



4.0mm Max Rod



Welds Steel



Fan Cooling

WHAT'S IN THE BOX?

3m earth & MMA leads, mains cable, owners manual, rugged carry case.

TECHNICAL SPECIFICATIONS

Output @ 20% duty cycle	175amps
Output @ 60% duty cycle	100amps
Output @ 100% duty cycle	80amps
Required input	240V 18amps
Maximum output	175amps
Generator recommended size	6kVA
Amperage adjustment	15-175amps
LED amperage display	Yes
Cooling fan with thermostatic protection	Yes
Dimensions (mm)	290x130x210
Net weight	4.8kg



Products and Accessories

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High specification and cost effective RPE welding fume extraction masks. Masks comply with HSE fume regulations.



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**Welding Equipment
& Consumables**

R-Tech Welding Equipment Ltd. Unit G1 & G2 Innsworth Technology Park,
Innsworth Lane, Innsworth, Gloucester, United Kingdom, GL3 1DL

01452 733 933 • salesdept@r-techwelding.co.uk • www.r-techwelding.co.uk

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