

VIPER MULTI 195 MAX



1. Machine Features

10A Plug

Plug in and play. The 10A power plug can be used on any domestic outlet, so it's perfect for the DIY home handyman or the professional welder looking to take it anywhere.

Smart Fan

The Smart Fan diminishes noise, saves power, helps reduce energy costs, and minimises the number of contaminants being pulled through the machine.

4" Colour LCD Screen

The intuitive screen controls and next-generation user interface make changing your settings easier than ever.

Power Factor Correction (PFC)

Get the most out of your machine. The PFC maximises the electrical efficiency of the machine and automatically compensates for any voltage fluctuations, so you get more output power and the internal components last longer.

IP21 Rating

Rated IP21, so it's protected from touch by fingers and objects greater than 12mm, and water spray from a vertical direction.

Dual Gas Input

Fitted with separate MIG and TIG gas inputs, allowing you to switch processes quicker than ever before.

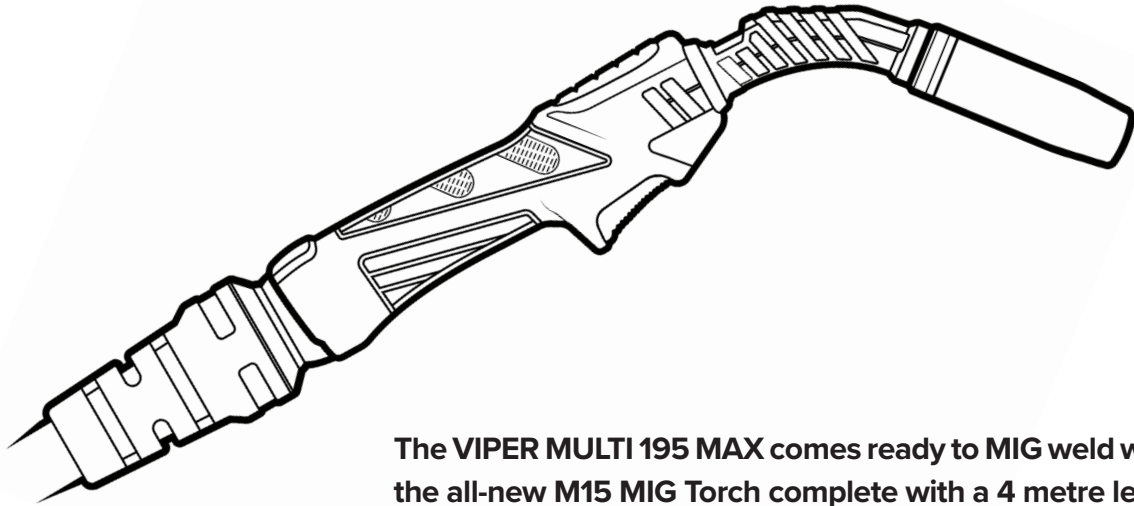
Job Memory

The job memory function allows you to enter and store weld parameter settings under job numbers. Weld parameters can be further adjusted and stored as required. A total of 20 jobs can be memorised and stored for recall.

Foot Control Ready

This machine supports the connection of both a wired or wireless foot control for extra versatility and convenience while welding. You can adjust your amperage hands-free to avoid disrupting your torch movement, and the wireless option reduces cables and adds greater manoeuvrability.

2. MIG Features



The VIPER MULTI 195 MAX comes ready to MIG weld with the all-new M15 MIG Torch complete with a 4 metre lead.

MIG Smart-Set™

Setting up for a weld has never been easier, just set your joint type, filler wire, gas mixture, wire diameter, and material thickness and you're ready to weld

Complete MIG Weld Cycle Control

Get complete control over your MIG welds with a full set of adjustable parameters, such as pre- and post-gas flow, arc ignition speed, and burnback.

Gas-shielded & Gasless Wires

Capable of running both gas-shielded and gasless MIG wire, you can tackle a wide variety of welding projects with ease. Whether you're working with mild steel, stainless steel, aluminium, or flux-cored wire, our machine has got you covered.

Spool Gun Ready

Make welding aluminium even easier. No need to change your existing setup. The spool gun lets you quickly switch over and get any job done with no downtime.

Crater Fill

End your welds as strong as they started. The Arc End feature ramps your welding current and voltage down at the end of a weld, filling it in at a lower amperage, eliminating craters and pinholes.

Inductance Control

Change the frequency of your short circuit MIG welds with the Inductance settings, so you can choose your preferred arc characteristics.

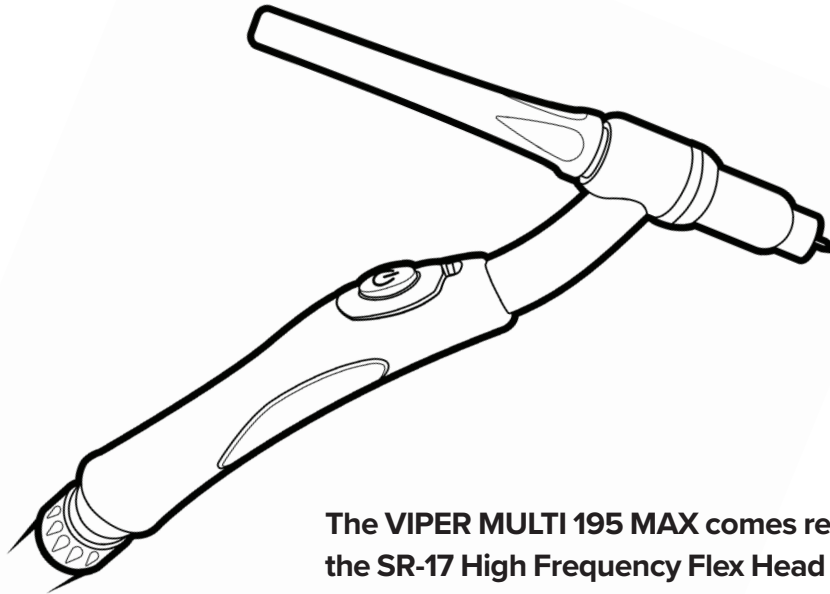
Digital Geared Wire Drive

Experience unparalleled accuracy with our all-new Digital Geared Wire Drive system. Designed to sustain a consistent arc in varying conditions and with different wire types, it ensures an accurate wire feed speed. With this system, achieving precision in every welding task is effortless.

Arc Start

Get the smoothest arc starts possible with the Arc Start dual function. Set above 100% and the Hot Start gives you a boost in current at the start of your weld, eliminating issues with starting on cold metal, and makes welding on thicker materials easier. Set below 100% and Soft Start helps with edge arc ignition by starting at a lower current and ramping up when welding away from the edge.

3. TIG Features



The VIPER MULTI 195 MAX comes ready to TIG weld with the SR-17 High Frequency Flex Head Torch complete with a 4 metre lead.

TIG Smart-Set™

The easiest way to set up for a TIG weld, simply set your material, joint type, tungsten diameter, plate thickness, and gas mixture and you're good to go!

DC High-Frequency TIG

Maximise your results from start to finish. A high-frequency torch can start an arc without contacting the workpiece, reducing the risk of contaminating the tungsten or the weld. It also means you get access to the entire TIG weld cycle, including pre- and post-gas and up and down slope parameters.

Pulse TIG

Minimise the heat input without compromising on any of the penetration. Alternating between a peak and base current reduces the amount of heat input and focuses the arc, perfect for sheet metals and out-of-position welding.

Heat Control Trigger (HCT) Mode

Heat Control Trigger Mode lets you set a base current, which you can switch to at any time during a weld by pressing the trigger button. Heat Control Trigger Mode is great for manual heat input control as you go.

4. MMA Features

The VIPER MULTI 195 MAX comes ready to MMA weld with a 4 metre long twist lock electrode holder.

Pulse MMA

Pulse MMA (STICK) welding helps reduce spatter, improves heat control and allows for an easier removal of slag. It also improves the speed and efficiency of vertical up welds by eliminating the use of the "Christmas Tree" technique, while still maintaining root fusion.

Arc Force

Arc Force helps to keep the arc stabilised throughout the weld, by detecting any short circuits and increasing the peak current to prevent the arc cutting out or electrode sticking.

Anti-Stick

Anti-stick prevents your electrode from sticking to your workpiece. When the machine detects sticking, the current will shut off and unstick the electrode.

Hot Start

Hot Start increases the stability of your arc ignition, and prevents a lack of fusion at the start of the weld.

Voltage Reduction Device (VRD)

Reduces Open Circuit Voltage (OCV), protecting yourself and the machine.

5. Machine Specifications

Technical Data

Parameter	Values
SKU	U11011
Primary Input Voltage	240V Single Phase
Supply Plug	10 AMP
I _{eff} (A)	8.9
Rated Output (MIG)	25A/15V - 195A/23.8V
No Load Voltage (V)	67
Protection Class	IP21
Insulation Class	H
Minimum Generator (kVA)	8.5
Dinse Connector	35/50
Standard	AS/NZ60974-1
Warranty (Years)	3

MIG Specifications

MIG Welding Current Range	25-195A
MIG Duty Cycle @ 40°C	15% @ 195A 60% @ 98A 100% @ 76A
MIG Welding Thickness Range	1-8mm

TIG Specifications

TIG Function Type	DC High Frequency
TIG Welding Current Range	5-195A
TIG Duty Cycle @ 40°C	30% @ 195A 60% @ 138A 100% @ 107A
TIG Welding Thickness Range	1-8mm

STICK Specifications

STICK Welding Current Range	5-195A
STICK Duty Cycle @ 40°C	15% @ 195A 60% @ 98A 100% @ 76A
STICK Welding Thickness Range	2-10mm

Size & Weight

Dimensions (mm)	470×190×350
Weight (kg)	11.8

Capable Welding Material Types By Welding Process

MIG: Mild Steel, Stainless Steel, Aluminium, Silicon Bronze

TIG: Mild Steel, Stainless Steel, Copper, Silicon Bronze

MMA: Mild Steel, Stainless Steel, Cast Iron