

AMP-UP YOUR WELDING AMBITION AND **WELD LIKE THE BEST**, WITH A SIMPLE TO USE PULSE MACHINE!



- Pulse MIG
- Pulse STICK
- Pulse Lift DC-TIG



~230V 10A PLUG

185A
Max Output



AT A GLANCE

- ✓ Pulse MIG Welding (Single Pulse) allows you to weld like a pro, with very low spatter, super smooth welds and low distortion. **Suitable for welding Aluminium, Stainless and Carbon steels.**
- ✓ Pulse STICK Welding allows smoother, cleaner welds in hard to weld positions like vertical-up and overhead, plus helps bridge large gaps without burn through. Adjustable Pulse Frequency from 1-10 Hz.
- ✓ Pulse DC-TIG welding (Lift-TIG) is well suited to creating scalloped looking TIG Welds on Stainless and Carbon Steels (stack of Dimes look) so your TIG Welds exhibit the best in appearance. Pulse Frequency is adjustable for professional results.

FEATURES

- ✓ Synergic or Manual welding settings in MIG Mode.
- ✓ Spool Gun Ready, ideal for welding Aluminium.
- ✓ TIG Torch is an optional extra and allows the full use of the machine for TIG Welding, with the correct Pure Argon shielding gas.
- ✓ Simple to use, intuitive control panel, allows most settings and controls to be used without getting your head stuck in the Instruction Manual.



7 YEAR WARRANTY OFFER*

BENEFITS

- ✓ Simple to use
- ✓ Reduce distortion
- ✓ Reduce spatter
- ✓ Improved looking welds

Product Code:	Description
WFY185MK1	FURY 185 MPST Value Kit
9341562067577	EAN 13 Barcode
WC-00992	Optional TIG Torch 17FV x 4m
W06316	Optional Spool Gun BZL25 x 5m 4pin

Value Kit Contents:

- ✓ FURY 185 MPST Machine
- ✓ PROMAX 130 Auto Darkening Welding Helmet
- ✓ MIG Gun BZL24 x 3m
- ✓ Work return Lead & Clamp
- ✓ Stick Welding Lead with Twist-Lock Holder
- ✓ Gas Regulator and Hose
- ✓ Welding Gloves
- ✓ MIG Pliers
- ✓ Wire Feed Rollers: Solid 0.8-0.9mm, Flux-Cored 0.8-0.9mm, Aluminium 0.9-1.0mm
- ✓ Cooler Bag - For Hot Days & Cold Drinks



Easy to Navigate User Interface



1. Welding Process Mode Selection
2. MIG Wire Size Selection
3. Voltage Control (V)
4. Amperage (A) and Wire Feed Speed Control (m/min)
5. LED Digital Display
6. Thermal Overload



Pulse Welding – MIG, TIG and STICK

Pulse MIG:

Single Pulse MIG Welding is a highly controlled variant of axial spray transfer, in which the welding current is automatically cycled between high peak current levels to a low background current level. Pulse MIG welding can be used on Carbon Steels, Stainless Steel and Aluminium Alloys. When welding Stainless Steel use the MIG Pulse Steel setting.

This machine can also be used in Pulse Mode with the optional Weldclass Spool Gun and makes welding Aluminium much easier as it reduces wire feedability problems, especially birds-nesting (tangles) and burn back to the contact tip.



Single Pulse MIG – Using **1.0mm AL5356 Aluminium Wire** welding 3.0mm sheet using right to left push technique.

Pulse TIG:

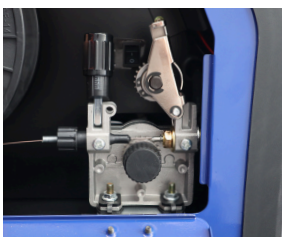
Pulse TIG is again automatically cycled between high peak current levels to a low background current level. With the FURY machine you can adjust the number of Pulses Per Second (PPS) and increase or decrease the pulse speed to be a slow 1 PPS up to a fast 10 PPS. This machine can Pulse TIG weld most ferrous based metals such as; Carbon and Mild Steels, Stainless Steels, Brass and Bronzes. **YOU can't TIG weld Aluminium** and its Alloys with this machine.

Pulse STICK:

Pulse STICK Welding comes into its own class when working in hard to weld positions like vertical-up and overhead – the Pulse helps to keep the weld metal in place and stops the liquid weld metal from falling/sagging down, when using the correct parameters. A slow pulse of 1 PPS is great in helping to bridge large gaps in steel without burn/melt through.

Spares & Helpful Accessories

Spare Contact Tips BZL M6 Tips Packs of 5	0.6mm P3-BT6066 0.8mm P3-BT6086 0.9mm P3-BT6096	0.9mm HD, P3-BT609 0.9mm AL, P3-BTA609 1.0mm AL, P3-BTA610
Spare Gas Nozzles to suit BZL24	Nozzle 12.5mm I.D. Conical Pk-2, P/C: P3-B24 Nozzle 16mm I.D. Conical Pk-2, P/C: P3-B24NC	
BZL24 Front end Consumables Kit	Consumables Parts Kit, P/C: WC-01644	
Spare MIG Gun Liners	Steel Liner Red 3m. P/C: P3-BRSL3 Alloy Liner Kit up to 1.0mm, P/C: P3-CTUL09	



2 Roll, Geared Wire Feed Drive

The FURY MPST machines are supplied with a 2-Roll Geared Wire Feed Drive System, that is clogged together top and bottom, to provide positive feedability of soft and hard wires alike. This system is a must have when feeding Aluminium and other soft MIG Welding Wires like Bronze.

Technical Specifications

Output Amperage	10 – 185A
Welding Thickness range for Metals	0.8mm – 10mm
MIG Feed Roll Size	O.D.30mm x I.D.22mm x Width 10mm
Power Supply	Single phase 230V – 240V, 3 pin
Wall Socket & Plug	10A Domestic Power
MIG Duty Cycle	185A @ 10% 76A @ 60% 59A @ 100%
MMA Duty Cycle	160A @ 11% 69A @ 60% 53A @ 100%
TIG Duty Cycle	160A @ 13% 74A @ 60% 58A @ 100%
Generator Size	9kVA for maximum output
IP Rating	IP2IS
Wire Spool Sizes	D100mm/1kg and D200mm/5kg
Wire Drive System	2 Roll, Geared-Drive Top & Bottom Well suited to feeding Aluminium Wires
MIG Gun Type	BLZ24 x 3m
Dimensions	L465 x W225 x H365 mm Incl. handle
Weight	10.5kg for machine only
Dimensions Value Kit	L715 x W300 x H460mm
Weight of Value Kit	17.3kg with all Accessories/Inclusions

Suitable Filler Metals / Welding Consumables

MIG Solid Steel Wires Sizes: ER70S-6 *For Pulse Welding use 0.8mm for best results	0.6mm x 5kg, 0.8mm x 1kg, 0.8mm x 5kg, 0.9mm x 1kg, 0.9mm x 5kg,	P/C: 2-XMS608/06 P/C: P2-084MW P/C: 2-XMS608/08 P/C: P2-094MW P/C: 2-XMS608/09
MIG Gasless Steel Wire Sizes: E71T-11	0.8mm x 0.9kg, 0.8mm x 4.5kg, 0.9mm x 0.9kg, 0.9mm x 4.5kg,	P/C: P2-084FM P/C: 2-088FM P/C: P2-094FM P/C: 2-098FM
MIG Aluminium Wire Sizes: ER5356 * For Pulse Welding use 1.0mm for best results	0.9mm x 0.45kg, 0.9mm x 2kg, 1.0mm x 0.45kg, 1.0mm x 2kg,	P/C: P2-MW535604/09 P/C: 2-MW535608/09 P/C: P2-MW535604/10 P/C: 2-MW535608/10
MIG Stainless Wire Sizes: ER316LSi *For Pulse Welding use 0.8mm for best results	0.8mm x 1kg, 0.8mm x 5kg, 0.9mm x 1kg, 0.9mm x 5kg,	P/C: P2-MW316L04/08 P/C: 2-MW316L08/08 P/C: P2-MW316L04/09 P/C: 2-MW316L08/09
STICK Electrode Sizes	1.6mm, 2.0mm, 2.5mm & 3.2mm Use Weldclass Platinum & Promax Electrodes	
TIG Tungsten Size	1.6mm – 2.4mm Use Weldclass Platinum RE4 Purple Tungsten's	