



**Optional**  
Platinum PP365  
Push-Pull Torch



*"This is my first time using a pulse MIG, and I have to say I'm extremely impressed. The 220MP was a breeze to set up. I believe it will completely replace my AC/DC pulse TIG's role in my workshop."*

**- Matthew, NSW**






  
**220A**  
Max Output

  
**5-6mm Aluminium**  
**10mm STEEL**




  
**15A**  
240V

-  **Made in Italy**
-  **4 Year Warranty\***
-  **30-Day Money-Back Guarantee\*\***
-  **Single/Double Pulse**
-  **Takes 5kg or 15kg Spools**
-  **68 Synergic Programs**  
Standard/Pulse/Root
-  **Easy-To-Use**
-  **Full Colour Interactive Display**
-  **USB Interface**  
Update software, download weld data, save settings
-  **Remote Control Torch**
-  **Push-Pull Ready**  
Pre-configured for Push-Pull torch
-  **Advanced Thermal Control**  
Brilliant results on thin sheet (Steel, Alu & Brazing)








### Includes:

-  **MIG Torch 3m BZL 25 with remote controls**
-  **Gas Regulator**
-  **Earth Lead 4m**
-  **Drive Rollers for 0.8/0.9 Steel 1.0/1.2 Gasless**
-  **Aluminium Torch Liner Kit**

### Optional

-  **Push-Pull Torch**
-  **Stick Lead**
-  **TIG Torch**

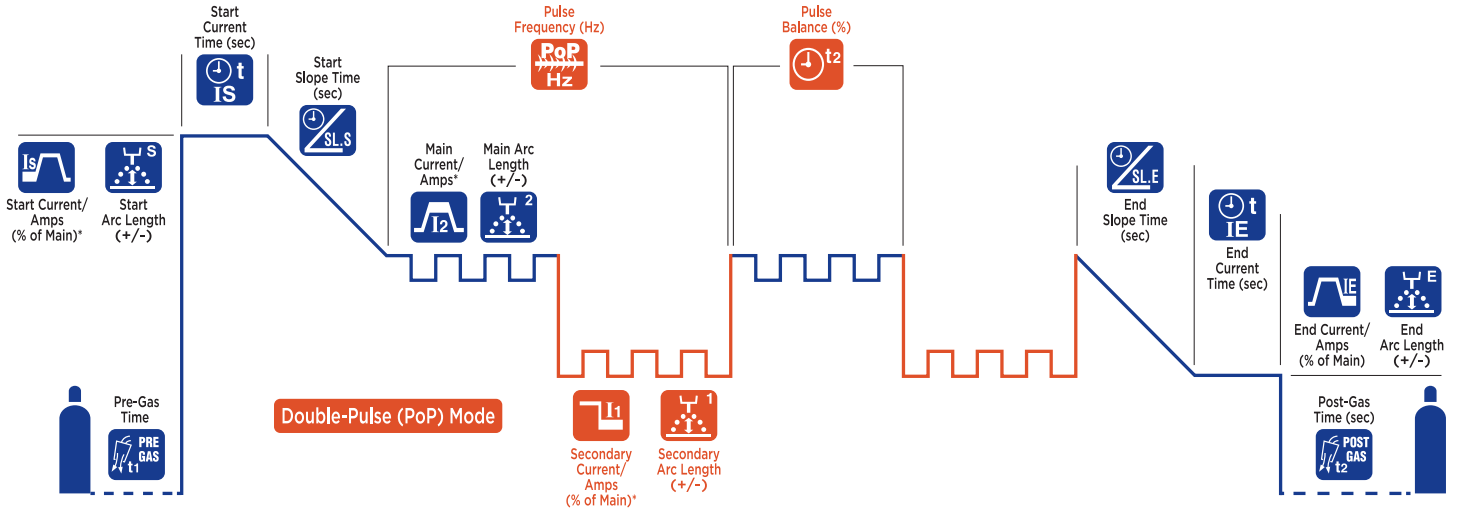
Part No.	Description
WC-220MP	Ultra 220MP Standard Package
WC-06369	Optional Push-Pull Torch 8m
WC-06233	Optional Stick Welding Lead
WC-00992	Optional TIG Torch 17FV 4m
WC-01049	Optional TIG Torch 26FV 8m

Process	Applications
 <b>SINGLE PULSE MIG</b> Switches output current between a high peak and low base current. Cooler weld causing less distortion, better penetration, higher welding speed and cleaner, spatter-free welds.	Aluminium, Bronze, Stainless wires.
 <b>DOUBLE PULSE MIG</b> Adds an additional pulse wave on top of Single Pulse.	Aluminium, Bronze, Stainless wires. Where appearance is critical. All-positional welding, including vertical & overhead.
 <b>MANUAL MIG</b> - Standard manual MIG welding where wire speed and voltage are set manually & independently.	Standard (non-pulse) MIG. Steel & most solid wires.
 <b>SYNERGIC MIG</b> - Pre-programmed settings to automatically adjust wire speed and voltage based on the wire type and material thickness selected.	
 <b>ROOT MIG</b> - Enables gap filling & first-pass root welding of pieces that are spaced apart that traditionally would only be achievable by TIG welding. Non-Pulse.	Root welds, poor fit-up gaps & cracks. Steel only.
 <b>TIG MMA</b> - Stick Welding	Most types of stick electrodes.
 <b>TIG</b> - Lift-arc DC TIG welding.	Steel & Stainless-Steel.





**Pulse Settings**



**Technical Data**

Country of manufacture	Italy			
Dimensions (incl. handle)	620L x 500H x 270W mm			
Weight (power source only)	22kg			
Standard Compliance	AS 60974.1			
Power Supply	230/240V 15A 1-Phase			
Generator Size	Minimum 13kva, ideal 15+kva			
Spool Size Capacity	D200 (5kg steel / 2kg Alu) & D300 (15kg steel / 6-7kg Alu)			
Wire & Material Thickness Capacity (approx.)	<b>Wire/Material</b>	<b>MIG Mode</b>	<b>Wire Sizes</b>	<b>Material Thickness</b>
	Aluminium	Pulse	1.0/1.2mm	0.8-5/6mm*
		Non-Pulse		3-8mm
	Stainless-Steel	Pulse	0.8/0.9/1.0mm	0.8-5mm
		Non-Pulse		0.5-8mm
	Mild Steel	Non-Pulse	0.6/0.8/0.9/1.0mm	0.5-10mm
	Bronze	Pulse	0.8/0.9mm	0.8-5mm
Non-Pulse		0.8/0.9/1.0mm	0.5-5mm	
*Max 6mm single-pulse, 5mm double-pulse				
MIG Output	20 – 220A			
MIG Duty Cycle	<b>Approx' Aluminium Thickness (pulse modes)</b>	<b>%</b>	<b>A</b>	<b>V</b>
	2mm	100%	80A	18V
	3mm	60%	100A	19V
	5mm	20%	200A	24V
MIG Trigger Modes	2T, 4T & Bi-Level			
Drive System	Swiss-made 2-roll with Intelligent Tacheometric Control (self-calibrates based on arc parameter feedback for reliable & smooth wire feeding)			
TIG & MMA (stick) Output	20 – 160A			



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