











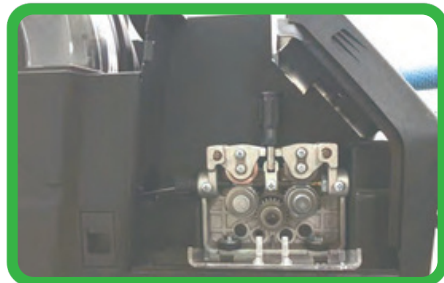


9114H-AC (Air Cooled) / 9114H-WC (Water Cooled) MIG DP 5006 Double Pulse

-  **Input Voltage**
3ph~400V
50/60Hz
-  **Dual Pulse**
-  **Synergic**
-  **ø300mm (20kg)**
-  **DSP Control System**
mPROTEC
-  **IGBT Module**
Increased Reliability
-  **Duty Cycle 60%**
Heavy Duty Cycle
-  **LCD display**
5.0in
854 x 480 px
-  **Tested In Production**
-  **PLP safe**
Phase Loss Protection
-  **Generator Friendly**
-  **3 PROOF**
Moisture[✕]
Salt spray[✕]
Corrosion[✕]

WIRE FEEDER



Advantages of a 4-roller drive system on a mig welding wire feeder

A 4-roller drive system offers several benefits over a 2-roller setup, improving wire feeding and weld quality:

- More Consistent Wire Feeding** – With four points of contact, the wire feeds more smoothly, reducing slipping and uneven arc performance.
 - Better Wire Grip** – The extra rollers hold the wire more securely, reducing bird-nesting and feeding issues.
 - Less Wire Deformation** – Spreading the pressure across four rollers prevents soft wires, like aluminium or flux-cored, from getting crushed or deformed.
 - Stronger Feeding Power** – A 4-roller system provides better pulling force, making it ideal for longer welding torches or harder-to-feed wires.
 - More Reliable Performance** – Fewer feeding problems mean less downtime and more consistent welding results.
- This system is especially useful for longer welding torches, soft wires, or high-precision applications where steady wire feeding is critical.

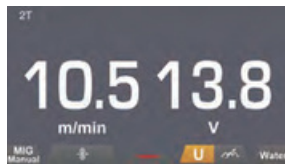
INCLUDES



OPTIONAL

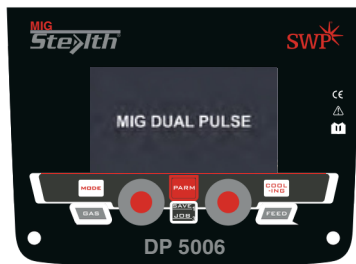


*All images used are for illustrative purposes only. Individual features such as sizes, fittings and other materials' colours may vary.

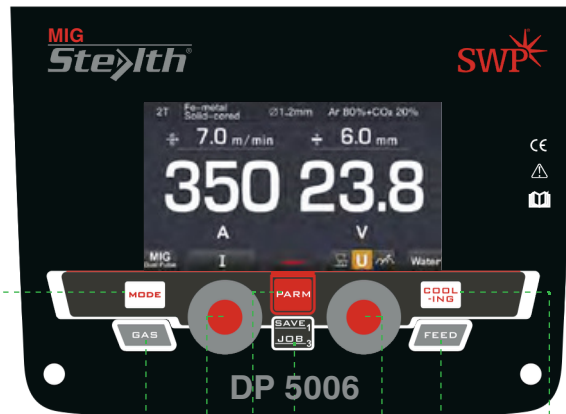


MIG MANUAL

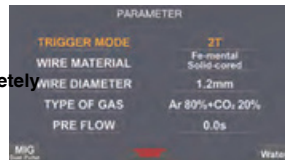
Mode:
MIG DUAL PULSE/ MIG PULSE
MIG SYN/ MIG MANUAL
TIG LIFT/ MMA



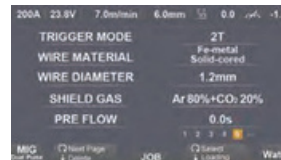
In MIG mode, the operation is completely on the wire feeder, the power source displays the current mode only



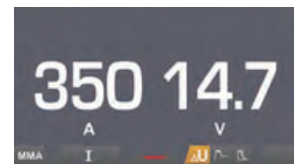
Gas test Save/Job Wire feed Cooling
Adjusting knob (Press/rotate) Parameter/ Set Adjusting knob (Press/rotate)



PARAMETER



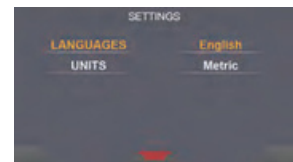
JOB



MMA



TIG LIFT



SET

MIG

3PH (400V)

ADVANTAGES OF DUAL PULSE WELDING

Pulse MIG welding has many advantages, including improved weld quality, reduced spatter, and faster travel speeds. Other advantages are that it is easier to control and focuses the arc and keeps the bead smaller.

IMPROVED WELD QUALITY

Reduced distortion - Lower heat input reduces distortion and burn-through
Better penetration - More uniform heat input improves penetration and fusion
Reduced risk of defects - Less likely to have porosity, undercutting, and lack of fusion

REDUCED SPATTER

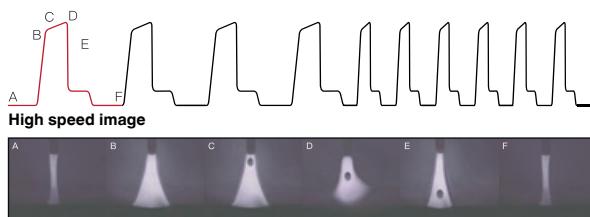
Minimal cleanup - Less spatter means less cleanup
Visually appealing welds - More aesthetically pleasing

FASTER TRAVEL SPEEDS

Increased efficiency - Higher deposition rates and faster travel speeds make pulse MIG welding more efficient
Tighter weld pool control - Better for welding in awkward positions

SAFER AND CLEANER WORK ENVIRONMENT

Reduced welding fumes - Safer and cleaner work environment



SPECIFICATIONS

MIG 500 LCD DUAL PULSE

Power supply voltage (V)	3 - 400		
Power frequency (Hz)	50/60		
Effective current (A)	MI	TIG	MMA
Rated input current (A)	G	15.6	32.1
Rated input power (KW)	31.	33.0	41.5
	4	22.8	28.9
Duty cycle (A) (40°C 10 min)	40.	60% 500A	
	5	100% 410A	
Welding current range (A)	20-500	10 - 500	10 - 500
Welding voltage range (V)	15 - 39	10.4 - 30	20.4 - 40
Wire feeding speed (m/min)	1.5 - 39	-	-
No load voltage (V)	95	93	93
Efficiency (%)		91.3	
Power factor		0.77	
Protection class		IP21S	
Cooling		AF	
Dimensions (mm)		710 x 270 x 490	
Weight (kg)		30.5	