



BT MIGDP 3506/5006

350 A

500 A

3ph~ 400V

Features

- MIG Dual Pulse welding technology achieves precise synergistic control of droplet transfer and heat input through alternating high-low frequency pulses.
- The wire feeder is equipped with a built-in speed feedback motor, which has precise speed and digital waveform control to meet the welding needs of different materials.
- High definition colorful anti-dizziness touchable screen with pure text display.
- The dynamic RGB ambient light will flash red if happen a fault alarm which to enhance its warning function.
- Hexagonal heat dissipation window design improves heat dissipation efficiency and reduces noise.
- The new water cooling system is equipped with an LCD screen to monitor water levels, inlet/outlet temperatures, and real-time status of pumps and fans.

WELDING MODE

- 1.MIG DUAL PULSE
- 2.MIG PULSE
- 3.MIG SYNERGIC
- 4.MIG MANUAL
- 5.TIG LIFT
- 6.STICK



EN 60974-1:2021 (LVD)
EN 60974-10:2021 (EMC)
2019/125/EC (EER)



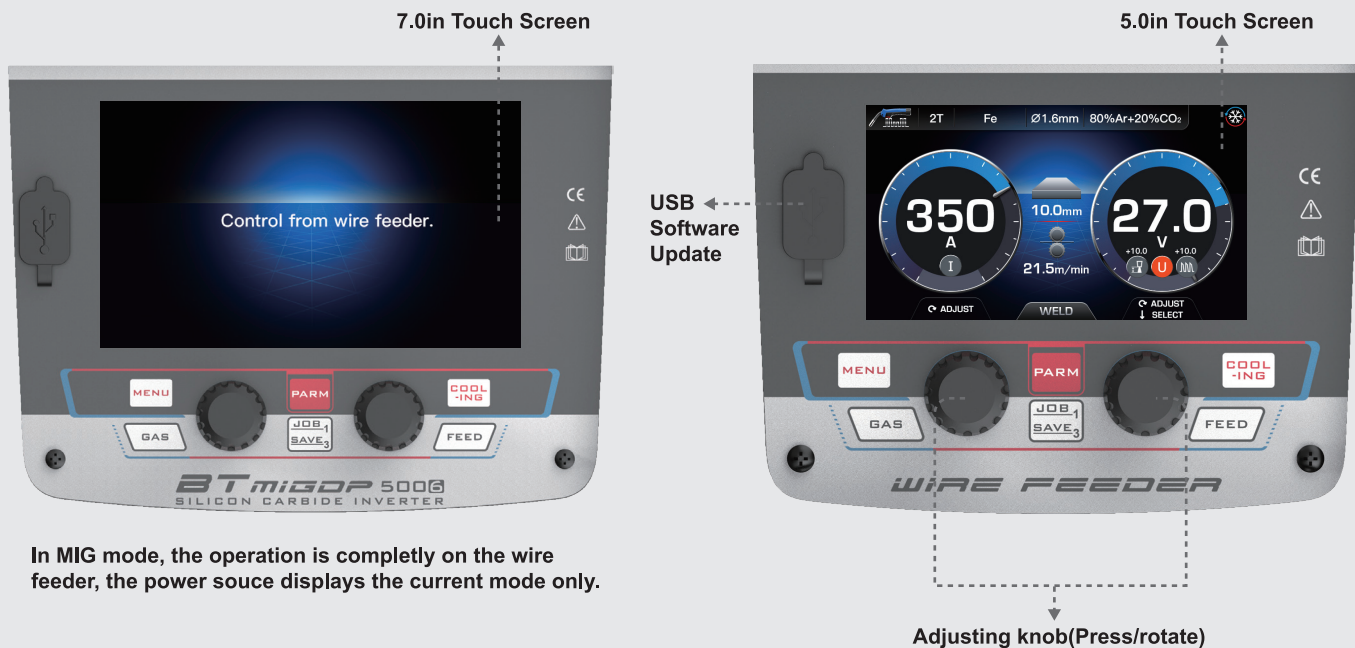
OPTION
4-wheel-trolley MIG

OPTION
Cooling unit
7L

Heavy industrial use !

Product Parameters

Model	BT MIGDP 3506			BT MIGDP 5006		
Parameters						
Power supply voltage (V)	3~400			3~400		
Power frequency (Hz)	50/60			50/60		
	MIG	TIG	MMA	MIG	TIG	MMA
Effective current (A)	23.7	18.9	25.3	40	32	41
Rated input current (A)	23.7	18.9	25.3	40	32	41
Rated input power (kVA)	11.8	9.2	12.7	27.1	22.2	28.4
Duty cycle 40℃ 10min	100% 350A			100% 500A		
Welding current range (A)	20–350	10–350	10–350	20–500	10–500	10–500
Welding voltage range (V)	15–31.5	10.4–24	20.4–34	15–39	10.4–30	20.4–40
Wire feeding speed (m/min)	1.5–24	–	–	1.5–24	–	–
No load voltage(V)	86	18.7	86	86	18.5	18.5
Efficiency (%)	93.7			92.6		
Power factor	0.73			0.76		
Insulation class	F			F		
Protection class	IP23S			IP23S		
Cooling	AF			AF		
Net weight (kg)	25			25		
Dimensions (mm)	720X270X490			720*270*490		



MIG DUAL PULSE



MIG MANUAL



MIG PARAMETER



TIG LIFT



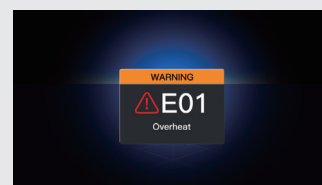
STICK



JOB



SET



WARNING

Options

Potentiometer Remote control Torch 3m	Digital display remote control MIG torch 3m	MIG Spool Gun 3m
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Standard accessories				
BT MIGDP 3506	3m,35mm ²	3m,35mm ²	air tube,4m	φ6 FA3045
BT MIGDP 5006	3m,50mm ²	3m,50mm ²	air tube,4m	φ6 FA3045
BT MIGDP 3506	φ9.5mm	barometer	CO2 flowmeter	3m,PARWELD
BT MIGDP 5006	φ9.5mm	barometer	CO2 flowmeter	3m,PARWELD