

Smootharc Multi 180 LCD

Light to medium Steel Fabricator

- Single phase 10A inverter based welder
- Processes: MIG/MAG, FCAW, MMA, DC Lift Arc TIG
- Digital control with LCD screen
- Save/retrieve weld parameters
- Duty cycle: 15% @ 180A
- Internal wire feeder
- Works with D200 and D100 (via spool gun) wire spools
- Weld aluminium via spool gun
- Spool gun included in package
- Easy polarity change
- IP23S insulation rated
- Robust construction for tough working environments
- Optional extra: TIG torch (Purchased separately)
- AS/NZS 60974-1 and IEC 60974-10



Specifications

Part No.	BOC180MULTILCD		
Input voltage	Single phase 240 V ±15 %		
Frequency	50/60 Hz		
	MIG	TIG	MMA
Maximum rated input current (I_{1max})	25A	17 A	26A
Maximum effective supply current (I_{1eff})	9.7 A	6.6 A	10 A
Output current adjustment	30-180 A	10-180 A	10-180 A
No-load voltage U_0	78V	78V	78V
Duty cycle (40° C) @ 15%	180A	180A	180A
Wire feeder	Internal		
Internal wire feeder speed	2 to 13.6 m/min		
Post flow time	3 Seconds		
Welding wire diameter	0.6/0.8/0.9/1.0mm		
Efficiency	82 %		
Power factor	0.99		
Insulation grade	F		
Housing shielding grade	IP23S		
Suitable welding thickness	>0.8 mm		
Min. generator rating	7 kVA		
Dimensions (L×W×H)	523×260×412 mm		
Weight	16.8 kg		
Standards	AS/NZS 60974-1, IEC 60974-10		

Specifications	Spool gun
Rated current	150A/CO ₂ 130A/MIX
Duty cycle	60 %
Cool	Gas cool
Connecting socket	Euro type
Wire spool diameter	D100
Standard cable length	3m
Motor voltage	DC 24V
Speed adjusting potentiometer	10kΩ
Rated voltage	≤113V

Spool sizes

Spool	Weight	Outside Dia.	Width	Hole Dia.
D100	0.5-1.0 kg	100 mm	45 mm	16.5 mm
D200	5 kg	200 mm	55 mm	50.5 mm

Package includes

- Power source with input cable and plug
- Binzel MB15KD 3m MIG torch
- BOC Argon regulator
- 3m work return lead
- 2m gas hose with quick release
- Wire feed rollers - Knurled groove 0.8-0.9 and V-groove 0.6-0.8
- 3m MMA electrode holder
- LTB150 spool gun
- Operating manual

OPTIONAL EXTRA: TIG torch 4m (Part No. MMA-TIG). Purchased separately.

Service and warranty

Three year conditional warranty covers parts and labour. Excludes torches and consumable items. Warranty will not apply if operating and service instructions are not followed or the product shows evidence of tampering.

BOC Limited

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