

## Smootharc Multiprocess 180



Lightweight and portable, the *Smootharc Multiprocess 180* is a single-phase 15A welding machine that's a great investment for the all-round welder. This affordable unit offers MMA, MIG, Liftarc TIG, and MIG Pulse (for aluminium welding).

The *Smootharc Multiprocess 180* comes with a handy welding parameters chart for simple set up. This synergic machine offers excellent arc stability for a quality weld making it ideal for the less experienced welder. Large machine dial allows for easy adjustment of parameters with welding gloves.

This welding package includes MIG torch, Electrode holder with cable, regulator, gas hose and spare feed rolls. An optional spool gun (purchased separately) can also be used with this machine.

Suits light industrial and maintenance work.

This machine complies to AS/NZS 60974-1 and IEC 60974-10 and is backed by an 18-month conditional warranty.



**Specifications**

Part No.	<b>BOC180MULTI-1</b>		
Input voltage	Single phase 240V ±15%		
Frequency	50/60Hz		
No-load voltage (open circuit voltage)	63 V		
	<b>MIG</b>	<b>TIG</b>	<b>MMA</b>
Rated maximum input current ( $I_{1max}$ )	31.2 A	24 A	31.1 A
Maximum effective supply current ( $I_{1eff}$ )	14 A	12 A	13.9 A
Output current	32–180 A	10–180 A	10–160 A
Duty cycle	20%	180 A	–
	25%	–	180 A
Wire feeder	Internal or optional spool gun (sold separately)		
Internal wire feeder speed	3–11 m/min		
Post flow time	3 seconds		
Welding wire diameter	0.8/1.0 mm		
Welding thickness	> 0.8 mm		
Remote control	No		
Efficiency	80 %		
Power factor	0.73		
Insulation grade	H		
Housing protection grade	IP 21S		
Weight	12.8 kg		
Dimensions (L × W × H)	420 × 220 × 439 mm		
Standards	AS/NZS 60974-1, IEC/EN 60974-10		

**Applications**

- Light manufacturing/engineering
- Maintenance and repair
- Agriculture
- Automotive
- Marine maintenance

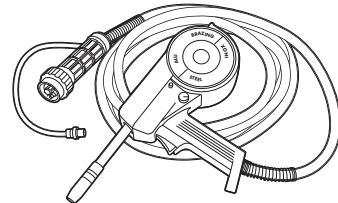
**Package includes**

- Power source with input cable and plug
- Work return lead – 3m
- Electrode holder with cable – 3m
- Binzel MB15AK MIG/MAG torch – 3m
- Regulator
- Gas hose – 3m
- Spare feed rolls – V-groove 0.6-0.8, Knurled groove 0.8-0.9, U-groove 0.9-1.0
- Operating manual

**Optional extras**

SR26 TIG torch 4m  
 Purchased separately. Part no. R-11-010102-35-00

Smootharc spool gun is not included in this package.  
 Purchased separately. Part no. R-11-030301-05-00



**Service and warranty**

18-month 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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