

Smootharc TIG 185 ACDC



The Smootharc TIG 185 ACDC machine is an inverter-based machine with added MMA welding capability. It delivers smooth arc characteristics that will assist you to complete high quality welds.

Ideal for all materials, its variable balance control means you can select the amount of cleaning or penetration required for aluminium welds. Its pulse capability allows you to control heat input when working on thin materials and its simplistic control panel makes it easy to use. Ideal for sheet metals, stainless steel and aluminium fabrications. Suits light industrial, maintenance and DIY jobs.

An optional foot control is also available (sold separately) to regulate current while welding.



Specifications

Part No.	BOC185ACDC/FC	
Input voltage	Single phase AC 240V ±15%	
Frequency	50/60 Hz	
Rated input	15	
	TIG	MMA
Maximum rated input current (I_{1max})	22.0 A	24.5 A
Maximum effective supply current (I_{1eff})	10.7A	13.2 A
Output range	10–180 A	10–135 A
Rated working voltage	17.2 V	25.4 V
No-load voltage	64 V	
Duty cycle	30%	180 A
	35%	–
	60%	135 A
		104 A
Arc initiation	HF	
Remote control	Yes (foot control compatible)	
Efficiency	80%	
Power factor	0.73	
Insulation grade	F	
Housing protection grade	IP21	
Weight	14.7 kg	
Dimensions (L × W × H)	450 × 204 × 368 mm	
Standards	AS/NZS 60974-1, IEC/EN 60974-10	

Service and warranty

18 month warranty covers parts and labour. Excludes torches and consumable items. Warranty will not apply if operating and service instructions are not followed.

Package includes

- Power source
- Work return lead
- TIG Torch
- MMA electrode holder and cable
- Regulator
- Gas hose
- Operator’s manual

Package excludes

- Optional foot control (N-R021014) - sold separately

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