

Caddy® Arc 151i/201i

Portable solutions for professional welding



Applications

- Professional welding tool
- In and outdoor installation on site
- In and outdoor repair and maintenance on site
- In and outdoor fabrication

Easy to use control panel

The A31 control panel only has one knob for current setting, making it extremely easy to set - with and without gloves on.

The A33 control panel is easy to overview and has a digital display for accurate welding parameter setting, high control and feedback. The panel is easy to understand and set, with and without gloves on. Additionally, the panel has a remote control facility.

Caddy® Arc 151i/201i comes with two memories for pre-sets, enabling quick and accurate return to pre-defined settings.



The Caddy® name has always been synonymous with robust and durable welding tools designed for the professional welder. Introducing the fifth generation of portable welding equipment from ESAB the latest Caddy® machines have over 30 years experience in inverter technology built in.

Offering true portability

Not only is Caddy® Arc 151i/201i small and of low weight. Thanks to its intelligent, compact design it is easy to take along to different indoor and outdoor worksites and also to tuck away when not used, making it handy both in the workshop and on the move. An optional shoulder strap with a cable holder solution facilitates transportation.

Single phase mains connection makes it easy to find an electricity supply for Caddy® Arc 151i/201i. The unit works equally as well when powered by a portable generator.*

Thanks to the built-in PFC circuit, Caddy® Arc 151i/201i can operate with extra long mains cables, over 100 m, giving the welder a very large working radius.

Impact resistant design

Composite materials in combination with smart design solutions provide a durable and impact resistant machine, adapted to rough conditions. The control panel is recessed, which provides additional protection and durability. Caddy® Arc 151i/201i has sturdy and impact resistant cable connectors with OKC 50.

Improving the weld quality

The regulator Arc Plus II generates an intense, yet smooth and stable arc that is easy to control. Smaller droplets are generated, the arc burns smoothly, and there is no need to pause at the edges when weaving. Arc Plus II offers even better welding characteristics, simplifies your work and gives you better weld quality with less need for post weld treatment.

Caddy® Arc 151i/201i offers TIG-welding capability (A31 scratch start, A33 LiveTig** start) using any of the torches TXH 151/201 V together with ESAB shield gas. Mild steel or stainless steel can be welded, with or without filler material. With Caddy® Arc 201i aluminum can also be welded.

* To obtain full output, use a portable generator 10 kVA for Caddy® Arc 151i and 12 kVA for Caddy® Arc 201i with automatic voltage regulation.

** LiveTig electronically controls the start current, giving the welder a safe start without damaging the electrode.

Supporting the welder

Caddy® Arc 151i/201i comes with adjustable hot start and arc force, which enables personal setting of the characteristics of the machine and the possibility to achieve a welding experience adapted to your specific preferences.

- Adjustable hot start (A33) - easy to strike the electrode. Helps you to avoid starting problems
- Adjustable arc force (A33) - sets the intensity of the arc for improved weld quality
- ArcPlus™ II (A33) - better welding characteristics, simplifies your work and gives you better weld quality with less after treatment
- Extra long mains cable capability – gives extra large working radius

Technical Data

	Caddy® Arc 151i	Caddy® Arc 201i
Mains voltage, V/Ph Hz	230/1 50/60	230/1 50/60
Fuse (slow), A	16	16
Recommended generator size, kVA	10	10
Mains cable, mm ²	3 x 2.5	3 x 2.5
Permitted load, at 40 °C, MMA 20% duty cycle, A/V 20% duty cycle, A/V	150/26 100/24	150/26 100/24
Setting range MMA (A31), A	8 – 150	-
Setting range MMA (A33), A	-	4 -170
Setting range TIG (A33), A	-	3 – 220
Open circuit voltage, V A31 A33 VRD inactive A33 VRD active	58-72 55-60 <35	- 55-60 <35
Power factor at maximum current	0,99	0,99
Efficiency at maximum current, %	80	81
Dimensions L x W x H, mm	418 x 188 x 208	418 x 188 x 208
Weight, kg	7.9	8.3
Enclosure class	IP 23	IP 23
Application class	S	S
Operating temperature, °C	IEC/EN 60974-1, -10 to +40	IEC/EN 60974-10, -10 to +40

Accessories

Shoulder strap	0460265003
Trolley (for 5 to 10 l gas cylinder) >	0459366885
Trolley (for 20 to 50 l gas cylinder)	0459366887
Trolley (for 20 to 50 l gas cylinder)	0460330880
Remote control MMA 1, incl. 10 m cable	0349501024
Remote control AT1	0459491896
Remote control AT1 CoarseFine	0459491897
Connection cables for AT1 and AT1 CoarseFine: 5 m 10 m 15 m 25 m	0459552880 0459552881 0459552882 0459552883
Foot pedal FS 002, incl. 5 m cable	0459552886
Electrode holder Confort 200	0700006004
Electrode holder Handy 200,	0700006003
Electrode holder Prima 200,	0700006006
Work clamp MP 200	0367558880
Chipping hammer SH2	0000663000
Chipping hammer SH3	0683200001
Welding gloves Heavy Duty Basic	0700500426
Welding gloves Heavy Duty Regular	0700500435
Welding gloves Heavy Duty Excel, L	0700500432
Welding gloves TIG Basic	0700500460



Ordering Information

Caddy® Arc 151i, A31 package	0460445881
Caddy® Arc 151i, A33 package	0460445883
Caddy® Arc 201i, A33 package	0460445884

Delivery content: 3 m of MMA welding and return cable kit
3 m mains cable with plug



ESAB offers a wide range of accessories. For information on the complete product range please go to our website or contact your local ESAB dealer.



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