

# Caddy® Arc 151i and 201i

## MMA welding

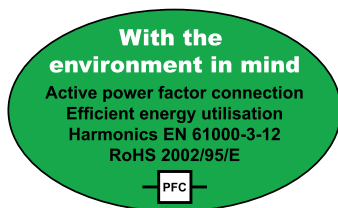
### Developed for durability

The Caddy's are equipped with large OKC 50 welding current connections to withstand heavy loads. Due to the compact design and a polymer casing that is impervious to impacts, these devices are light and easy to transport. The large cooling unit and the carefully thought out design ensure a long working life and allow use even under rough working conditions.

The new inbuilt ArcPlus™ II function further improves the welding arc and ensures that there is less spatter and better restriking of the arc.

The Caddy® has been designed in such a way that all the main components in the machine are kept clean and free of dust. Caddy® complies with the requirements of insulation type IP 23 and is thus suitable for use outdoors. The long-lived construction and the excellent welding properties of the machines ensure reliable use on a day to day basis.

Power Factor Correction - PFC. Caddy® Arc is equipped with automated power factor correction (PFC), which minimizes disturbing feedback effects in the mains supply network. Furthermore, the devices are less sensitive to fluctuations in the mains power supply and thus allow operation from generators.



### Mobile solutions for professional welding



- Professional welding applications
- Four different control panels to choose from
- Large action radius through the ability to use mains intermediate cables of Ø 2.5 mm<sup>2</sup> and up to 100 m in lengths without power losses, also improved compatibility with generators through PFC - Power Factor Correction
- IP 23 designed casework suitable for outdoor site work
- Robust housing that is impervious to impacts
- Thermal overload protection
- For installation and production
- For repair and maintenance

### Control Panel A31



- For Caddy® Arc 151i
- Single button operation
- TIG (scratch start)
- Hot Start (preset)
- Arc Force (preset)

### Control Panel A33



- For Caddy® Arc 151i and 201i
  - TIG with LiveTig™ striking
  - Hot Start (adjustable)
  - Arc Force (adjustable)
  - ArcPlus™ II controller
  - Digital display
  - Drop welding
  - Remotely controllable
  - Parameter storage (2x)
- Caddy® Arc 201i: safe processing by 4.0 mm electrodes through PFC - Power Factor Correction



## Control Panel A32

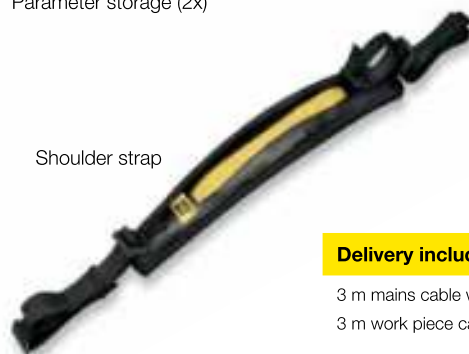
- For Caddy® Arc 251i
- TIG with LiveTig™ striking
- Hot Start (adjustable, background menu)
- Arc Force (adjustable, background menu)
- ArcPlus™ II controller
- Digital display
- Drop welding
- Remote controllable



## Control Panel A34

- For Caddy® Arc 251i
- Selection of electrode type Basic - rutile - cellulose
- TIG with LiveTig™ striking
- Hot Start (adjustable)
- Arc Force (adjustable)
- ArcPlus™ II controller
- Digital display
- Drop welding
- Remote controllable
- Parameter storage (2x)

Trolleys page 70



Shoulder strap



Remote controller page 66

Technical data	Caddy® Arc 151i	Caddy® Arc 201i	Caddy® Arc 251i
Mains supply, V / ph	230 / 1	230 / 1	400 / 3
Fuse, slow, A	16	16	10
Setting range MMA (A31), A	8 - 150	-	-
Setting range MMA (A33), A	4 - 150	4 - 170	-
Setting range MMA (A32/A34), A	-	-	4 - 250
Setting range TIG (A33), A	4 - 150	4 - 220	-
Setting range TIG, A	-	-	3 - 250
Open circuit voltage (A31), V	58 - 72	-	-
Open circuit voltage (A33), V	55 - 60	55 - 60	-
Open circuit voltage, V	-	-	65
Power factor	0,99	0,99	0,94
Efficiency, %	80	81	83
Dimensions, LxWxH, mm	418 x 188 x 208		
Weight, kg	7,9	8,3	10,5
Enclosure class	IP 23		
Application class	S		

## Maximum output at 40°C, MMA

25% duty cycle, A	150	170	-
30% duty cycle, A	-	-	250
60% duty cycle, A	100	130	190
100% duty cycle, A	90	110	150

## Maximum output at 40°C, TIG

20% duty cycle, A	-	220	-
25% duty cycle, A	150	-	-
30% duty cycle, A	-	-	250
60% duty cycle, A	120	150	190
100% duty cycle, A	110	140	150

## Ordering information

Caddy®Arc 151i, A31	<b>0460 445 881</b>
Caddy®Arc 151i, A33	<b>0460 445 883</b>
Caddy®Arc 201i, A33	<b>0460 445 884</b>
Caddy®Arc 251i, A32	<b>0460 300 880</b>
Caddy®Arc 251i, A34	<b>0460 300 881</b>

## Accessories Caddy® Arc

Shoulder strap	<b>0460 265 003</b>
Two-wheels trolley (for 5-10 liters gas bottle)	<b>0459 366 885</b>
TIG torch TXH™151V, 4m	<b>0700 300 539</b>
TIG torch TXH™151V, 8m	<b>0700 300 545</b>
TIG torch TXH™201V, 4m	<b>0700 300 553</b>
TIG torch TXH™201V, 8m	<b>0700 300 556</b>

## Delivery includes:

- 3 m mains cable with plug, 3 m electrode holder cable,
- 3 m work piece cable