

TIG welding

Developed for durability

The Caddys are equipped with large OKC 50 welding current connections to withstand heavy loads. Due to the compact design with the 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 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 IP 23 and is suitable for use outdoors. The robust construction and the excellent welding properties of the machines ensure reliable use on a day to day basis.

Power Factor Correction - PFC. Caddy® Tig is equipped with automated power factor correction (PFC), which minimizes disturbing feedback effects in the mains supply network and enables maximum use of the available electrical mains supply. .



Mobile solutions for professional welding



- Professional TIG welding of alloyed, unalloyed and stainless steels
- Large radius of action due to the ability to use intermediate cables.
- Ø 2,5 mm² up to 100 m in length without power losses and better compatibility with generators through PFC - Power Factor Correction
- High frequency and LiftArc™ striking
- 2 / 4 stroke torch controller
- Professional manual electric welding with ArcPlus™ II regulation and adjustable HotStart and ArcForce
- Polymer-aluminium housing that is impervious to impacts
- Caddy® Tig 2200i optionally gas- or water-cooled with CoolMini cooler
- Cooler with ELP, ESAB LogicPump (forced switching over of the water cooling if required)
- Type of insulation IP 23 - for work outdoors
- Protection against overload
- For site installation and production
- For repair and maintenance
- 2 different trolleys to choose from page 70

With the environment in mind

Active power factor connection
Efficient energy utilisation
Harmonics EN 61000-3-12
RoHS 2002/95/E

PFC





Control Panel TA33

- Selection of the TIG parameters by inputting the sheet thickness
- Current fall time can be set
- Gas post-flow can be set
- Digital display



Control Panel TA34

- Graphic illustration of the course of the process
- TIG pulse-welding
- Micro-pulses up to 0.001 s
- Current rise / fall time can be set
- Gas pre-flow / post-flow time can be set
- Parameter storage (2x), can also be called up during welding via the torch button
- TIG torches with Up/Down remote controller
- Can be controlled remotely / digital display

Ordering information, complete packages

● Caddy® Tig 1500i TA33, with 3m welding cables and torch TXH 151, 4 m	0460 450 880
● Caddy® Tig 2200i TA33, with 3m welding cables and torch TXH 201, 4 m	0460 450 881
● Caddy® Tig 1500i TA34, with 3m welding cables and torch TXH 151, 4 m	0460 450 882
● Caddy® Tig 2200i TA34, with 3m welding cables and torch TXH 201, 4 m	0460 450 883
● Caddy® Tig 2200iw TA33, with cooling unit, 3m welding cables and torch TXH 251w, 4 m	0460 450 884
● Caddy® Tig 2200iw TA34, with cooling unit, 3m welding cables and torch TXH 251w, 4 m	0460 450 885

Ordering information, machines

Caddy® Tig 1500i, TA33 ●	0460 450 890
Caddy® Tig 2200i, TA33 ●	0460 450 891
Caddy® Tig 1500i, TA34 ●	0460 450 892
Caddy® Tig 2200i, TA34 ●	0460 450 893
Caddy® Tig 2200iw, TA33 water cooling ●	0460 450 894
Caddy® Tig 2200iw, TA34 water cooling ●	0460 450 895

Technical data	Caddy® Tig 1500i	Caddy® Tig 2200i
Mains supply, V / ph	230 / 1	
Fuse, slow, A	16	
Setting range, TIG (DC), A	3 - 150	3 - 220
Setting range, MMA (DC), A	4 - 150	4 - 170
Open circuit voltage, V	55 - 60	55 - 60
Dimensions, LxWxH, mm	418 x 188 x 208	
Weight, kg	9,2	9,4
Enclosure class	IP 23	
Application class	S	

Maximum output at 40°C, TIG

20% duty cycle, A/V	150	220
60% duty cycle, A/V	120	150
100% duty cycle, A/V	110	140

Maximum output at 40°C, MMA

20% duty cycle, A/V	150	170
60% duty cycle, A/V	100	130
100% duty cycle, A/V	90	110

Cooling unit CoolMini for Caddy® 2200i

Weight, without/with cooling liquid, kg	4,5 / 6,7
Dimensions, LxWxH, mm	407 x 188 x 151

Accessories

Adapter for remote-controller torches	0459 491 912
Foot-operated remote controller T1 Foot CAN, with 5m cable	0460 315 880
Shoulder strap	0460 265 003
Pressure reducer with flux meter	0000 973 096
Cooling liquid (10 l)	0007 810 012
Electrode holder, 150 A, 3m cable ●●	0700 006 898
Electrode holder, 200 A, 3m cable ●●●●	0700 006 900
CoolMini cooling unit ●●	0460 144 880
Cooling unit mounting kit for Tig 2200i	0460 509 880



Delivery includes

3m mains cable with CEE plug, 3m earth cable, 2m gas hose with clamps.