



# CADDY™

## TIG 2200i AC/DC

**FOR THE CRAFTSMEN AND A  
WIDE RANGE OF REPAIR AND  
MAINTENANCE APPLICATIONS**



Water cooled unit show in here



# CADDY™ TIG 2200i AC/DC

## For the craftsmen and a wide range of repair and maintenance applications

The Caddy™ is already a classic power source in the mobile welding equipment field. With the introduction of the Caddy™ Tig 2200i AC/DC series (TA34) and a full range of accessories, you will find the optimal solution for a wide range of TIG welding applications.

### DESIGNED FOR HIGH QUALITY TIG-WELDING

In both DC and AC mode this TIG welding machine will give an excellent arc strike and consistent, stable arc. All types of material and thickness up to 5mm can be welded with the highest quality.

### AC WELDING WITH QWAVE™

One of the most important tasks of an AC TIG machine is to provide a stable arc. The Tig 2200i has the QWave™ function which optimises the AC wave form to give a smooth arc and at the same time the lowest possible noise without compromising the weld result. This machine also has True AC rating where set current is always equal to the true current.

### EASY TO USE

The control panel Caddy™ TA34 AC/DC has all the necessary functions for TIG DC, AC/DC and MMA welding, all presented in an easy to understand layout.

The control panel Caddy™ TA34 AC/DC is equipped with the advanced functionality. AC Balance is the setting to control arc cleaning and penetration and AC Frequency setting is to control arc width. It also has a setting to control Electrode preheating with a possibility to have different shapes of the electrode and at the same time provide better starts with an extended life time of the electrode.





## APPLICATIONS

- Repair and maintenance
- General light fabrication and civil construction
- Process industry
- Shipbuilding and offshore
- Transport and mobile machinery
- Handrails & Balustrade

water cooled units  
shown here



- **Designed for quality TIG-welding** in all types of material.
- **Easy to use** - all welding parameters presented in an easy to understand layout.
- **QWave™** - enables AC welding with high arc stability and low noise.
- **AC frequency** and balance control - optimises weld pool.
- **Electrode preheating** - excellent start and extended electrode life time
- **ESAB 2-program function** - possibility to preprogram and change program during actual welding.
- **DC Pulsed TIG welding** - easy control of heat input and the weld pool.
- **DC Micro Pulse** - minimize heat effected zone especially on thin sheets
- **True MMA welding characteristics** in AC and DC mode - Hot start, Arc force, and polarity switch (DC)

**CADDY TIG 2200i AC/DC**



**CADDY™ TIG 2200i  
ACDC PLANT**
**W1009610**

**Caddy™ TIG 2200i AC/DC, TA34 AC/DC  
TXH™ 200 TIG Torch 4m MMA Kit,  
\*AUS package** 0460 450 872

**Includes:** Mains cable & Plug 3m 240V/15 Amp,  
TIG Torch TXH™201F 8m 0700300557, TIG  
Torch Accessories Kit BGSAK2, Work Lead  
with clamp 2m, Regulator Comet 250 Argon  
45LPM 201017, Kit Connector 5/8-18UNF RH  
308689 & instruction manual.

**ACCESSORIES**

Regulator Argon Comet	301526
Hose end connector 5/8-18unf RH	308689
Cooling unit, CoolMini	0460 144 880
Torch Coolant 1 Gallon Bottle	OTD7/2850
Trolley 2 wheel small gas bottle	0459 366 885
Trolley 2 wheel, gas bottle beside of machine	0460 330 880
Remote control AT 1 CAN	0459 491 883
Remote control AT 1 CoarseFine CAN	0459 491 884
Remote control T1 Foot CAN	0460 315 880
Remote interconnection cable: 5m CAN	0459 554 880
TIG torches: TXH 201 4m	0700 300 552
TXH 201 8m	0700 300 555
TXH 201Fr 8m	0700 300 631
TXH 251w 4m	0700 300 561
TXH 251w 8m	0700 300 563
TXH251wFR 8m	0700 300 635
Remote adapter kit	0459 491 912
Sentinel Auto Helmet	0700 000 800
Sentinel Air (PAPR) Complete	0700 000 826
ESAB Curved TIG Gauntlet	0700 005 041

**TECHNICAL DATA, CADDY™ TIG 2200i**

Setting range TIG AC/DC	3-220
Setting range MMA	4-160
Mains supply, V/Ph	230/1 50/60 Hz
Fuse (slow), A	16
Mains cable, Ø mm2	3 x 1.5
Maximum output	
20% duty cycle, TIG, A/V	220/18,8
60% duty cycle, TIG, A/V	150/16,0
100% duty cycle, TIG, A/V	140/15,6
Open circuit voltage, V DC	54-64 V
Open circuit voltage, V DC (VRD)	<35V
Power factor at 100%, at TIG mode	0.98
Efficiency at 100%, at TIG mode, %	66
Enclosure class	IP 23
External dimensions mm, LxWxH	407 x 188 x 345
Weight, kg	15

**TECHNICAL DATA, WATER COOLING UNIT COOLMINI**

Coolant volume, l	2,2
Max flow, l/min	2
Max pressure, 50/60 Hz bar	2.3 bar
Weight, kg	6,7
External dimension, mm LxWxH	407 x 187 x 137

**TECHNICAL DATA, MMC PANELS**

	TA34 AC/DC
Slope up, sec	0-10
Slope down, sec	0-10
Gas post-flow, sec	0-25
Pulse frequency DC, sec	0.01-2.5
Frequency AC, Hz	10-150
AC balance, %	50-98
Plate thickness, mm	-

\*AUS version is fitted with Australia mains Plug



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**CIGWELD** **ARCAIR** **STOODY** **TWECO** **THERMAL DYNAMICS**