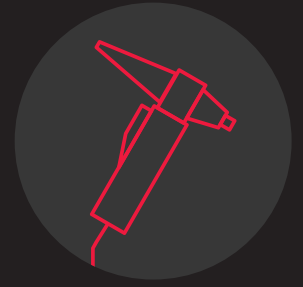




T300 AC-DC

Inverter 110-220V 1 phase



Tig Lift



Tig Pulse



HF



Tig Lift Pipe Smart



AC-DC



Stick



Memory



V.R.D.



Motogen.

Standards and Warranty

60974-10 | 60974-3 | 60974-1



MADE IN ITALY



Inverter

Inverter technology concentrates high welding performance in a compact structure, improving welding and reducing dimensions and weights.

New Display 5"

The new 5" display introduces a new completely re-designed software interface to give a simplified user interface experience never seen before on a Stel welding machine.

AC Mix

This feature allows you to vary the welding current alternating a TIG AC weld with a TIG DC weld. This allows the effectiveness of the TIG AC welding to combine with the penetration of the TIG DC welding, obtaining high welding speeds and creating more quickly the weld pool for cold-piece welding. It is also possible to weld thicker material

with modest amperages since the DC- portion is much higher than using a completely AC waveform.

Dynamic Power

Dynamic Arc is a function that allows by reducing the arc voltage an increase in the welding current and vice-versa. This allows the control of the heat input to the piece and the penetration with just the movement of the torch. The power remains the same, but the effects are different in penetration if you are closer or far from the work-piece.

Fast Tack

Fast-Tack resembles spot welding in that it provides a sudden high-current pulse, which fuses the materials to each other. The pulse time is typically only a few dozen milliseconds, which produces a low and controlled heat input. As a result, the risk of burn-through is

lower than in traditional TIG tacking, where penetration control is more difficult. In addition, the weld spots remain small and of equal size, and do not cause deformation of the welded materials. Fast-Tack is an excellent method also for tacking thin and thick materials with each other thanks to its low heat input and relatively high energy density in the arc.

AC Asymmetric

Possibility to set the current independently EN (Electrode Negative) and EP (Electrode Positive).

Mixed and Mached Wave Forms

Possibility to select SQUARE WAVE, SINE WAVE, TRIANGULAR WAVE. Possibility also to mix and mach wave forms.



Stel Welding Division
Via Del Progresso 59


36020 Castegnero
(VI) - Italy

Tel. +39 0444 639525
Tel. +39 0444 639682

sales@stelgroup.it
www.stelgroup.it



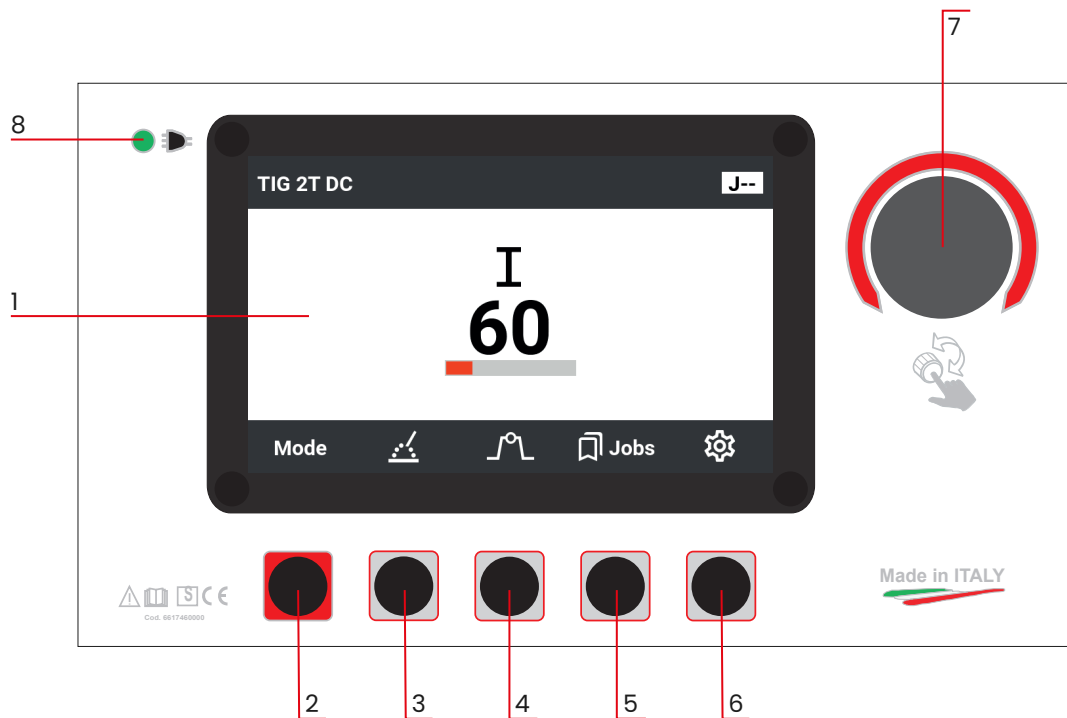
Technical Data

| | | | |
|----------------------|---|------------------------------|--------------------|
| Main Voltage | 100 -> 280V | Work Temperature | 40°C |
| Phases | 1 | Current Range | 1-250 A |
| Frequency | 50/60 Hz | Welding Current 30% (25°C) | 250 A |
| Real Current (30%) | 14,0 A | Welding Current 100% (25°C) | 150 A |
| Real Power (30%) | 3,20 KVA | Welding Current 20% (40°C) | 250 A |
| Power Factor | 0,99 | Welding Current 60% (40°C) | 160 A |
| Efficiency | 80 % | Welding Current 100% (40°C) | 130 A |
| No Load Voltage | 90 V | Earth Clamp | 25 mm ² |
| Degree of Protection | IP 23 | Length x Width x Height (mm) | 500x250x390 |
| Insulation Class | H | Weight | 24,5 Kg |
| Safety Approved |  | | |

The data were collected at a temperature of 40°C.

Front Panel Description

- | | | |
|----------------------------------|---|----------------------------|
| 1. Digital Display | 5. Select Function Button | 8. Machine live LED |
| 2. Mode Button | 6. Select Function Button | |
| 3. Select Function Button | 7. Encoder for Amps regulation/ other Functions | |
| 4. Select Function Button | | |



Accessories

1. 6941800000

Warranty Extention 3&5 YEARS

2. 601473000L

Water Cooling Unit AWC MPX

3. 600239000L

5L Tank Cooling Liquid STEL Freeze

4. 601408000L

Kit Extension H2O

5. 600514000L

Trolley MPL

6. 6020000001L

Earth Clamp/Cable 50mm² 3m

7. 604290000L

Tig Torch TTS 26 4m Air + 14 Pin Plug

8. 601778000L

Tig Torch TTS 26 8m Air + 14 Pin Plug

9. 601973000L

Tig Torch TTS 26 4m Air + 14 PIN

plug + Potentiometer

10. 601974000L

Tig Torch TTS 26 8m Air + 14 PIN plug + Potentiometer

11. 601975000L

Tig Torch TTS 26 4m Air + 14 PIN Plug + Up & Down

12. 601976000L

Tig Torch TTS 26 8m Air + 14 PIN Plug + Up & Down

13. 601977000L

Tig Torch TTS 20 4m H2O + 14 PIN Plug

14. 601978000L

Tig Torch TTS 20 8m H2O + 14 PIN Plug

15. 601294000L

Tig Torch TTS 20 4m H2O + 14 PIN Plug + Up & Down

16. 601553000L

Tig Torch TTS 20 8m H2O + 14 PIN Plug + Up & Down

17. 600486000L

Tig Torch TTS 20 4m H2O + 14 PIN plug + Potentiometer

18. 601704000L

Tig Torch TTS 20 8m H2O + 14 PIN plug + Potentiometer

19. 601286000L

14 Pin Plug

20. 600102000L

Foot Pedal Remote 4,5m

21. 6056100000

Gas Regulator with Flow Meter

22. 6014910000

Helmet Aspire Jackson

