



# T300 DC

Inverter 400V 3 phases



Tig Lift



Tig Pulse



HF



Tig Lift Pipe Smart



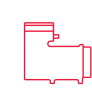
V.R.D.



Stick



Memory



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.

### Nuovo Display 2,8"

The new 2,8" display introduces a new completely re-designed software interface to give a simplified user interface experience.

### 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.

### Double Pulse

The double pulse combines two

types of pulsation: a slow pulse ranging from 0.4 Hz to 10 Hz and a fast pulse ranging from 20 Hz to 1000 Hz. This function further reduces heat input, making it particularly suitable for welding thin sheets.

### Bi-Level

It is possible to switch between two currents simply by pressing the torch button.



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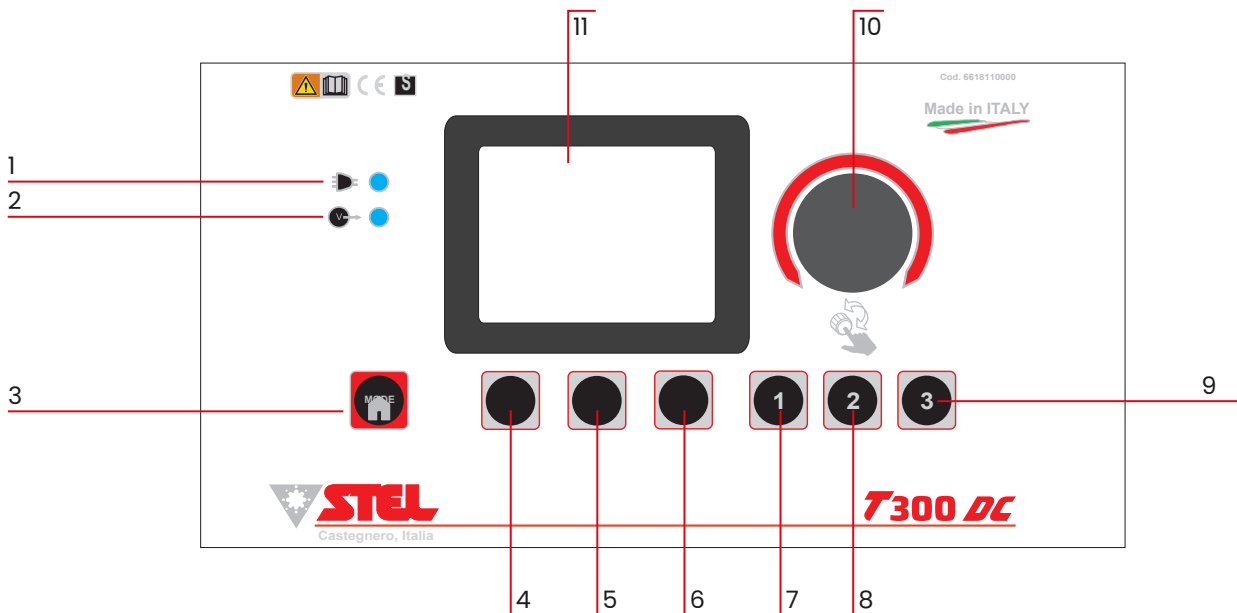
## Technical Data

Main Voltage	400 V	Work Temperature	40°C
Phases	3	Current Range	5 - 300 A
Frequency	50/60 Hz	Welding Current 40% (25°C)	300 A
Real Current (30%)	13,9 A	Welding Current 100% (25°C)	220 A
Real Power (30%)	8,9 KVA	Welding Current 35% (40°C)	300 A
Power Factor	0,72	Welding Current 60% (40°C)	250 A
Efficiency	86%	Welding Current 100% (40°C)	200 A
No Load Voltage	70 V	Earth Clamp	50 mm <sup>2</sup>
Degree of Protection	IP 23S	Length x Width x Height	510x265x390
Insulation Class	H	Weight	25,5 Kg
Safety Approved			

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

## Front Panel Description

- |                                     |                                     |   |
|-------------------------------------|-------------------------------------|---|
| <b>1.</b> Power indicator LED       | <b>5.</b> Function Selection button | <b>9.</b> Job 3 Selection Button                        |
| <b>2.</b> Welding enable LED        | <b>6.</b> Function Selection button | <b>10.</b> Current adjustment encoder / other functions |
| <b>3.</b> MODE button               | <b>7.</b> Job 1 Selection Button    | <b>11.</b> Display                                      |
| <b>4.</b> Function Selection button | <b>8.</b> Job 2 Selection Button    |   |



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## Accessories

### 1. 6941800000

Warranty Extension 3&5 YEARS

### 2. 601473000L

Water Cooling Unit AWC MPX

### 3. 600239000L

5L Tank Cooling Liquid STEL Freeze

### 4. 600514000L

Trolley MPL

### 6. 6020000001L

Earth Clamp/Cable 50mm<sup>2</sup> 3m

### 7. 604290000

Tig Torch TTS 26 4m Air + 14 Pin Plug

### 8. 601718000L

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. 600978000L

Tig Torch TTS 20 4m 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. 601285000L

Foot Pedal Remote 4,5m

### 20. 601286000L

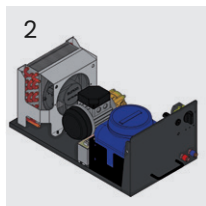
14-pin flying connector + Tightening

### 21. 6056100000

Gas Regulator with Flow Meter

### 22. 6014910000

Aspire Jasckson Helmet



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