

# KOLARC

BUILDING THE FUTURE

T SERIES



[www.kolarc.com](http://www.kolarc.com)

**Turkey**  
Discover  
the potential

# Kolarc T Series Professional TIG Welding Machines

## Professional TIG welding is in everywhere! – Flexibility on applications

A solution for everyone with modular concept.

A unique TIG welding performance with Synergic Pulse, Quick Pulse and Manuel Pulse.

### Compact, Light, Durable

Kolarc Tig welding machines are designed for mobile use with their compact size, light weight and durable bodies.

### Everything at a glance

Easy-to-use, intuitive controls with easy-to-understand indicators for improved control.

### Advanced Inverter Technology

Provides energy saving up to 35% and a steady arc characteristic without spatter during welding.

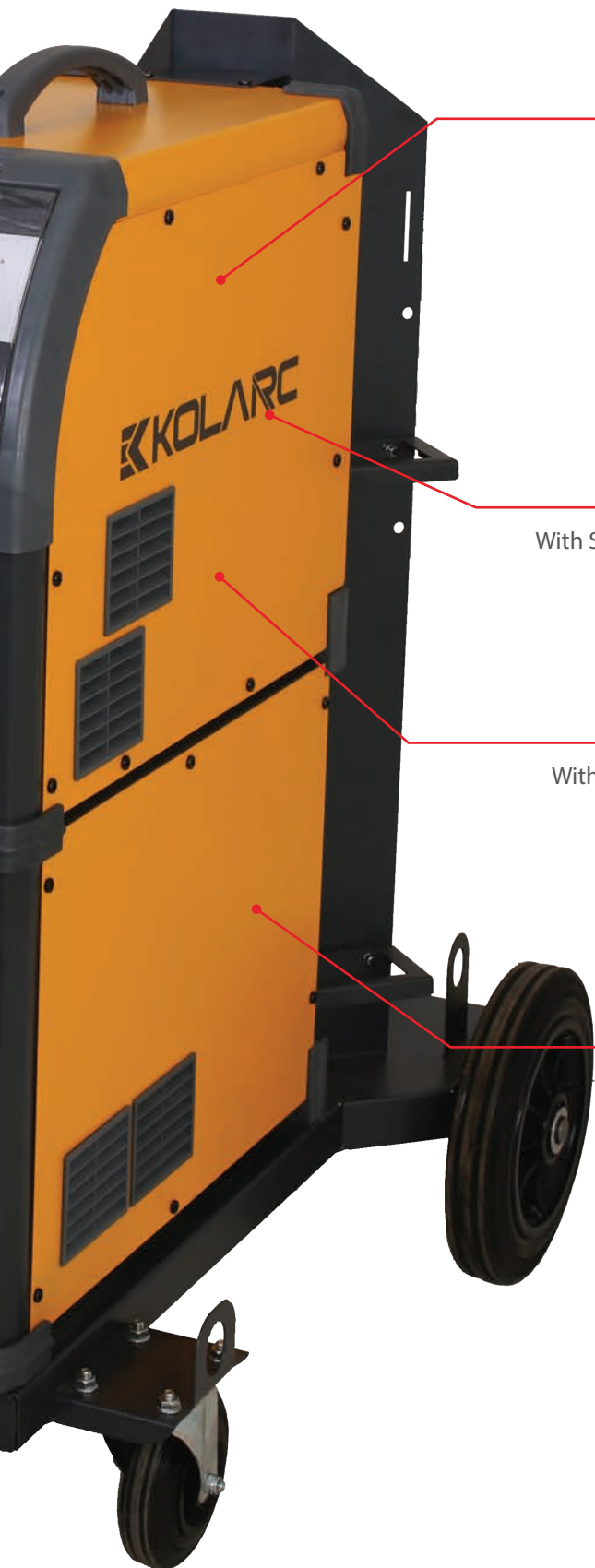
### Intelligent Cooling System

Operates air fan only when needed, reducing noise, energy use and the amount of contaminants pulled through the machine.

### For Easy Transportation

Easy transportation with four wheel trolley  
Ability to place TIG wires on the machine





**Easy, intelligible design – Nothing discomforts**

The interface is easy to read.  
Self-explanatory, intuitive operation.  
– Only the currently active functions are shown.

**Spot Function**

With Spot Function, spot weldings can be made faster and in uniform dimensions.

**Remote Control**

With Optional Remote Control current can be controlled by torch or with pedal.

**Wind Tunnel Design**

Cooling air is drawn through an internal tunnel which separates the electrical and electronic components from grinding dust and dirt, extending the machine's life.

**Connects to electric generators and can be used without any problems.**

# Kolarc T Series Water Cooling Unit

## **Torch is always kept cold**

Particularly efficient welding torch water cooling for high-performance arcs guarantee cold torches and thus low follow-up costs for consumables and torch maintenance, even under difficult ambient conditions.

## **Modular structure**

Cooling-unit designed as modular and is able to be re-equipped or replaced with several interventions.

## **High capacity condenser and independent fan cooling**

As the fans of the motor and the condenser are separate, water cooling takes place at the highest efficiency.



**Custom configurable – As you want**

Kolarc machines are available in optionally air-cooling and water-cooling.

**Shipyard and heavy industrial applications**

Reinforced 4.5 bar water pump for areas where long hose packages are used.

**Easy service and maintaining**

Easy access to the components in the cooling unit

**Filling level indicator**

Easy to read filling level indicator with min/max scale

**Intelligent Cooling System**

Operates air fan only when needed, reducing noise, energy use and the amount of contaminants pulled through the machine.



# Kolarc T Series Technical Information



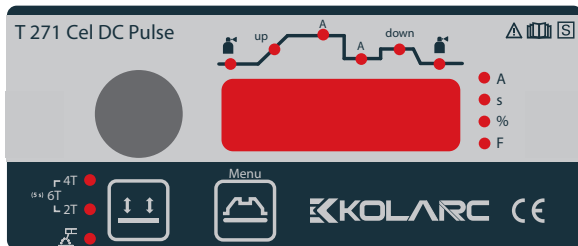
POWER UNIT	T 200	T 271/T 271 Cel	T 270-400 Series / T 270 Cel Series
Main Voltage(VAC)	230 ± %10	400 ± %10	400 ± %10
Current Range (TIG, A)	10-200	10-270	10-400
Duty Cycle (40°C)	%35: 200 A, 18.0 V %60: 110 A, 14.4 V %100: 90 A, 13.6 V	%35: 270 A, 20.8 V %60: 225 A, 19.0 V %100: 180 A, 17.2 V	%35: 400 A, 26.0 V %60: 350 A, 24.0 V %100: 300 A, 22.0 V
Max. Input Power (kVA)	7.1	10.3	17.8
Open Circuit Voltage (VDC)	86	61 / 90	61 / 90
Dimensions (HxWxL, mm)	289 x 147 x 381	372 x 242 x 497 / 287 x 147 x 491	372 x 242 x 497
Net Weight (kg)	7	23.5	23.5
Standard Accessories	3 m Power Cable (3 x 2.5 mm <sup>2</sup> ) 2 m Ground Cable (16 mm <sup>2</sup> ) Gas Regulator 4 m 200 A Torch	3 m Power Cable (4 x 2.5 mm <sup>2</sup> ) 3 m Ground Cable (35 mm <sup>2</sup> ) Gas Regulator 4 m 270 A Torch	3 m Power Cable (4 x 4 mm <sup>2</sup> ) 3 m Ground Cable (35 mm <sup>2</sup> ) Gas Regulator 3 m 400 A Torch

COOLING UNIT	WT 270 / 400
Cooling Capacity (l/min)	1300
Tank Capacity (L)	5
Max. Pressure (bar)	5
Max. Temperature (C°)	70
Standards	CE
Dimensions (HxWxL, mm)	335 x 243 x 497
Weight (kg)	20.5

Kolarc reserves the right to make changes.

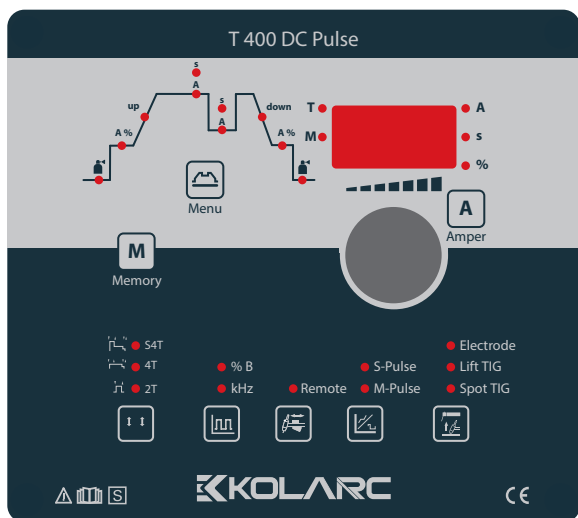
### Synergic Pulse

Automatically set depending on current intensity.  
Minimum heat is provided by precision narrowing arc with high energy density.



### Quick Pulse

Only balance and frequency parameters are set for Pulse.  
Minimum heat is provided more controlled.



### Manual Pulse

All possible settings for pulse are offered to the user with this advanced and precise pulse welding method.  
Up current, down current, up current time, down current time, transit time between up and down current are able to be set by unlimited period and frequency combinations for Pulse. Better arc stability is provided.

### Information Line for Operating Status

With Thermal Overload Protection and the codes seen on digital display, machine is protected if the duty cycle is exceeded or airflow is blocked.



Distributor: Welder company  
Location: Skopje, Macedonia  
**Tel** : +389 71 255 827  
email: : sales@machines-equipment.com

[www.machines-equipment.com](http://www.machines-equipment.com)