



BUILDING THE FUTURE

M SERIES



www.kolarc.com

Kolarc M Series

Professional Multiprocess Welding Machines

All MIG/MAG processes, One machine, One price!

- Xroot / Xroot Pulse - for perfect root welding
- Xdeep / Xdeep Pulse - high-performance arc with deep penetration
- Xposition - for positional welding
- Xpulse - %100 penetration even with 15° V preparation
- Xcold / Xcold Pulse - minimises heat input for thin sheet welding
- Pulse and MIG/MAG
- Multi Process TIG, MMA welding and Arc gouging

Operating Status

Digital display indicates the error codes for blocked air flow.
Thermal Overload Protection prevents machine damage.

Access Control

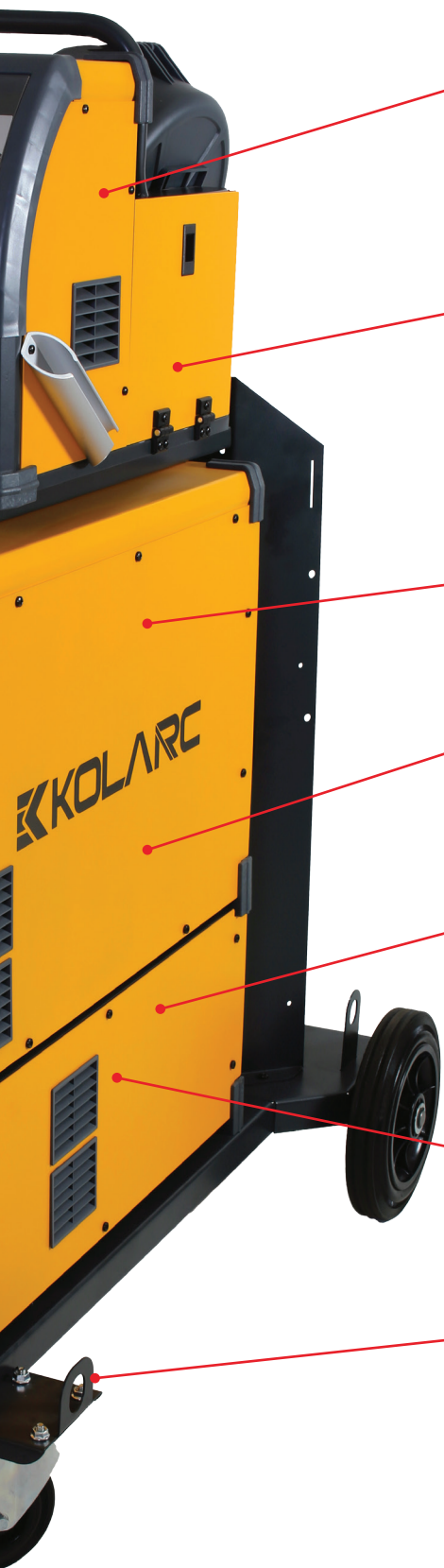
Welding parameters can be locked by supervisor preventing tampering, ensuring Quality is maintained.

Site power generators can be used without problem.

Kolarc Interconnection Hose Packages

- High quality materials for long service life
- Industrial-quality control plugs
- Highly flexible cable bundle
- Fabric-sheathed hoses can handle high pressure and temperature loads
- Gas hoses in accordance with EN 559 prevents shielding gas contamination





FM 4X – Brings all functions to the workplace

The wire feed unit is built for daily use
Available in four practical, control panel variants:
Pulse, Rapid Pulse, Synergic and Basic.

100 Program Memory

Increases productivity, prevents misuse.
Saved programs can be called from the front panel or directly
from the torch. The number of memory location can be limited
to allow rapid access to the correct program

Steel / NiCr / Copper and Aluminum

Over 200 welding programs (Jobs) that provide the best
performance on all metals available as standard.

Advanced Inverter Technology

Delivers energy savings up to 35% against conventional
equipment and superior arc control without spatter.

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.

Intelligent Cooling System

Smart fan operates only when needed, reducing noise, energy
consumption and increasing service intervals.

Easy Lifting by Crane

M Series

Wire Feeder Front Panel FM 4X

With ProfiNet
Ethernet/IP
and DeviceNet,

Ready For All Robotics and Automations!

Easy, intelligible Design

Easy to read interface
Intuitive self-explanatory operation.
Only Active functions are shown.

Access Control

Rapid Pulse panel

Right Wheel
to set arc length and
arc dynamics

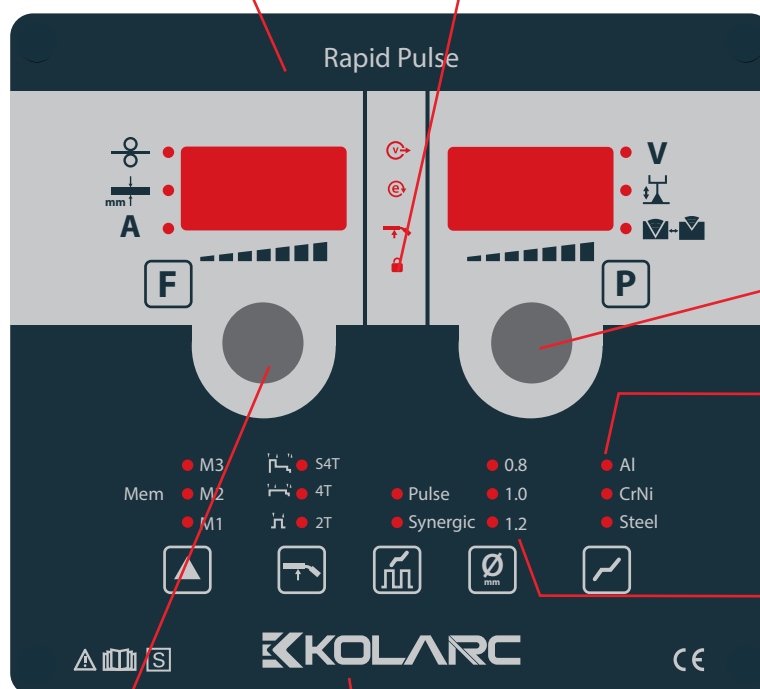
Material Selection

Wire Diameter Selection

**Left Wheel to set Synergic
value**
(wire speed, material
thickness or current)

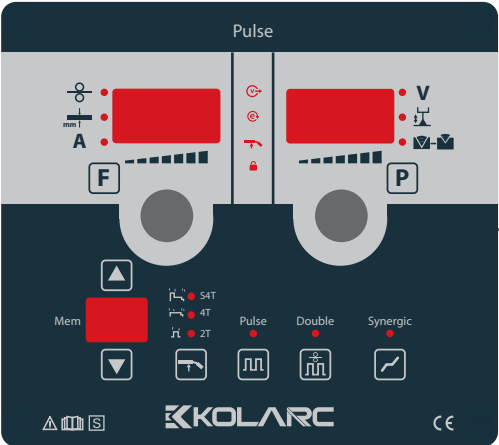
**Welding Parameters
Control of the smallest detail**

Quick and easy adjustment of many features such as
Pre- gas, hot start, post gas, crater fill and burn-back

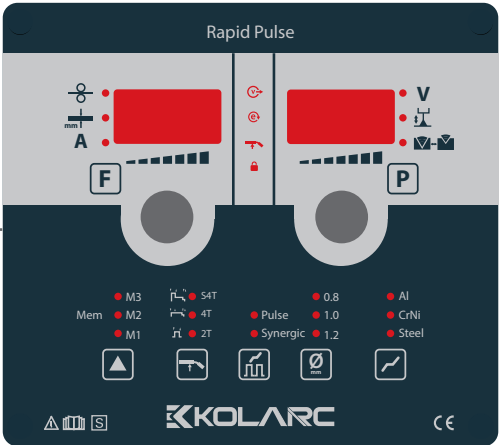




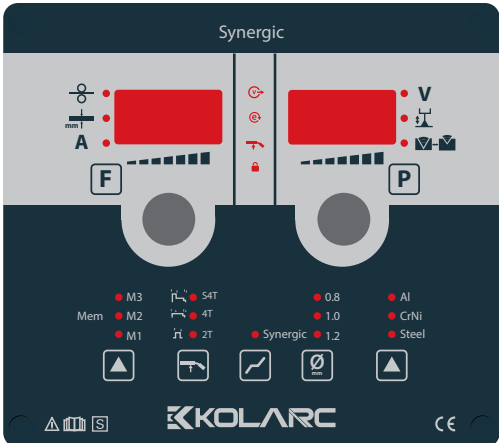
FM 4X



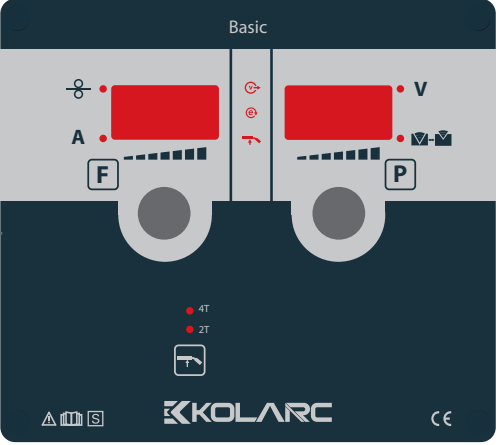
Pulse



Rapid Pulse



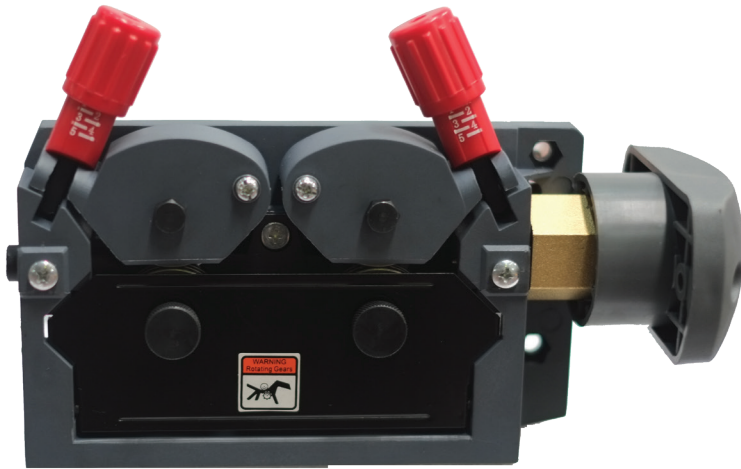
Synergic



Basic

Perfect wire feeding and arc stability

FM 4X



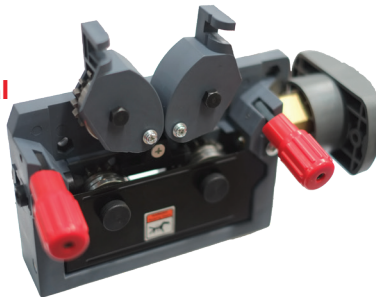
Wire feeding – Precise and practical

37 mm wire-feed rolls, Encoder motor and 4x4 wire-feed box give a steady arc characteristic without spatter.

Automatic wire inching saves time

Simple, tool-free roll changing

Long-lasting rolls with two different wire diameters on the same roll



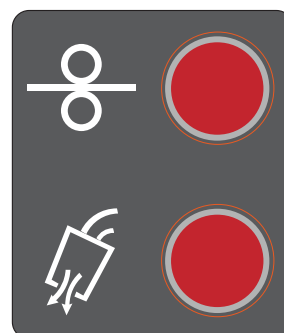
Illuminated feed box

Changing wire and operating the machine is easy even in poor lighting



Hardware - Strong and easy to use

- Tool-free changing of interconnection hose packages
- Externally accessible connections
- Strain-relieved hose package with clamp and swivel system
- Protected hose package connections



Gas test-button

Gas flow can be checked safely.

Wire inching-button

Load the wire quickly without wasting gas.

Wire feed unit available in four practical control variants:
Pulse, Rapid Pulse, Synergic, Basic

M Series Water Cooling Unit

High efficiency cooler ensures torch performace

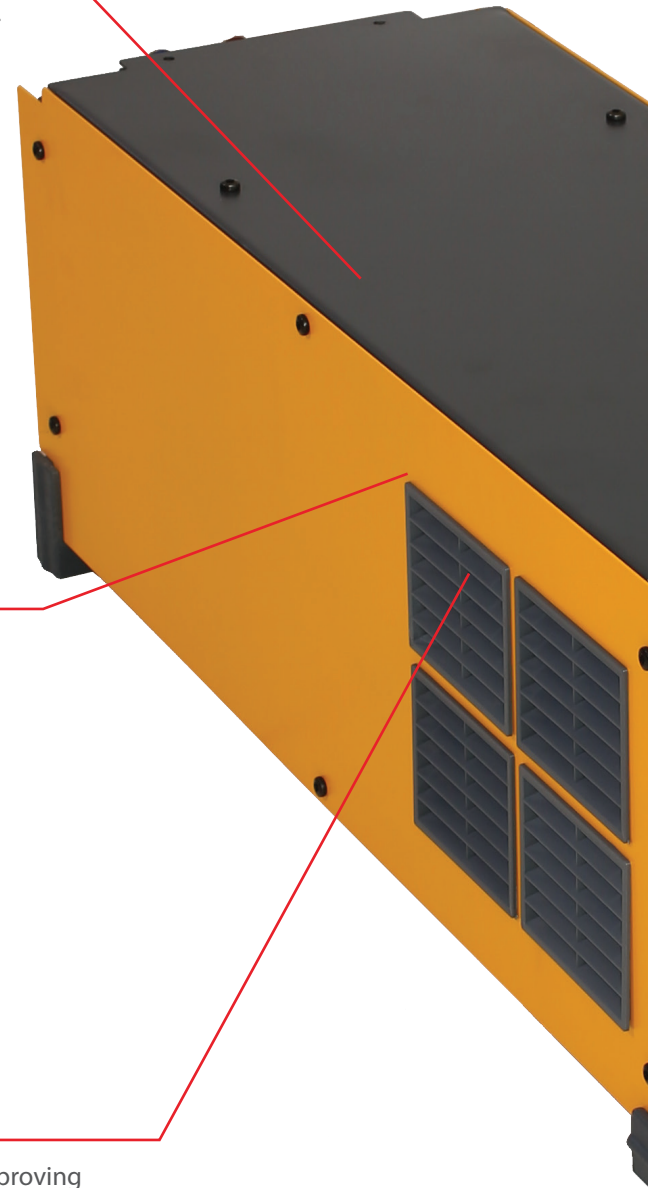
High efficiency torch water cooling. High-performance arcs need cool running torches. Cool running torches give lower costs for consumables and torch maintenance, even under demanding enviromental conditions.

Modular structure

Cooling-unit designed as modular and is able to be added or removes from a welding system as required

High capacity heat exchanger and independent fan cooling

The fans of the motor and the heat exchanger are separate, improving water cooling efficiency.



Custom configurable – As your require

Kolarc machines are available optionally with air or water cooling.

Built for heavy industrial applications

High pressure 4.5 bar water pump for use with long hose packages

Easy service and maintainance

Easy acces to the components in the cooling unit.
Easy to fill up with Kolarc coolants

Coolant level indicator

Easy to read coolant level indicator with min/max scale

Intelligent Cooling System

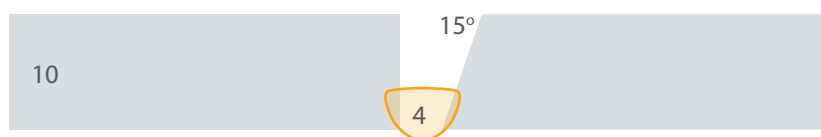
Operates cooling fan only when needed, reducing noise, energy use and increaseing the service intervals

Xroot / Xroot Pulse - Welding of non-alloy and low-alloy steel

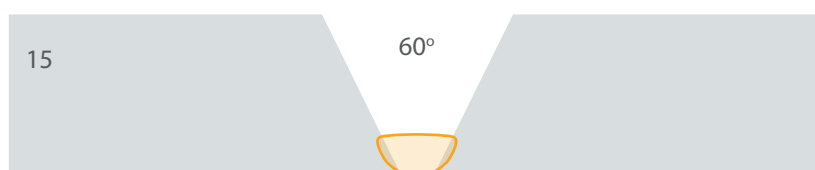
- Perfect gap bridging
- Good root formation and excellent sidewall fusion
- High arc force for root welding in all positions
- High welding speed and melt rate compared to TIG or MMA welding
- Low-spatter process
- Rapid digital control of the process, easy to guide and to control
- Uses standard welding torches
- For manual and mechanised applications
- Flat, smooth weld surface and virtually spatter-free process for reduced post-weld finishing



Material thickness 5 mm
Gap 3 mm



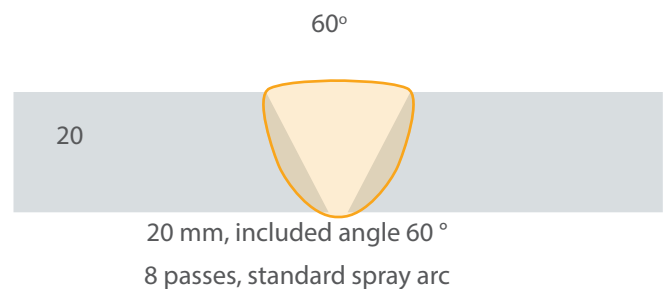
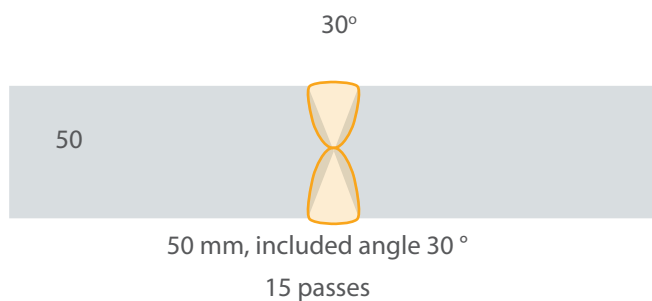
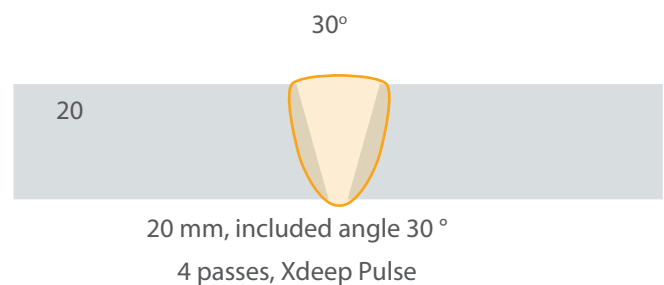
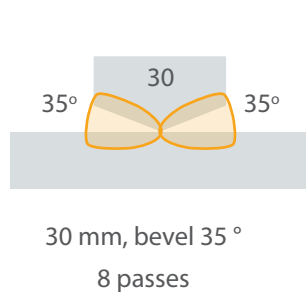
Material thickness 10 mm, one-sided
bevel 15 degrees, Gap 4 mm



Pipe welding, wall thickness
15 mm, prep angle 60 °

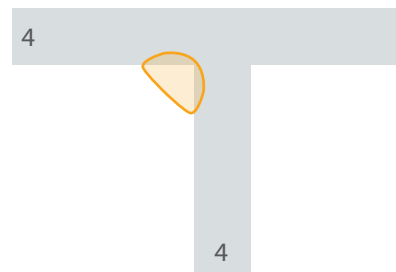
Xdeep / Xdeep Pulse - Welding of filling passes and cover passes in non-alloy and low-alloy steel

- Easy to learn, even for inexperienced welders, thanks to rapid digital control of the process, virtually spatter free, reduced undercuts
- Deep penetration for excellent root and sidewall fusion
- Reduced heat, directionally stable pulsed arc
- Enables weld seam volume to be reduced, potential for over 50% reduction of welding times, suitable for manual and automated welding.
- Perfect welding even with very long stick-outs
- Excellent gap bridging even at high power.
- Excellent wetting of the material surface, smooth weld surface even on heavily oxidised or dirty sheet metal

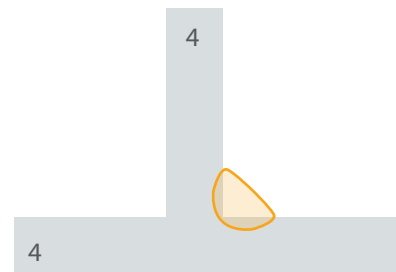


Xposition - Positional welding without using the pine tree technique on non-alloy, low-alloy and high-alloy

- Higher welding speeds compared with traditional pine wood technique
- Concentrated, digitally modified pulsed arc
- Spatter-free welding results thanks to rapid digital control of the welding process
- Optimum, factory-configured pulsing between low and high welding power
- Reduced heat input with low arc power and energy per metre
- Flat, evenly spaced bead ripples, spatter-free process for reduced finishing
- Easy to set and easy to guide



Material thickness 4 mm
AlMg5



Material thickness 4 mm
AlMg5

Pulse - Welding of Steel / NiCr / Copper and Aluminum alloy

- Superior process control thanks to the use of the latest micro-electronics
- Minimised weld spatter
- Customise the weld bead appearance with adjustable double pulse function

Xpulse - Welding with consistent penetration and consistent heat input on non-alloy, low-alloy and high-alloy steel



- Welding process with consistent high penetration regardless of alterations to stick-out
- Virtually spatter-free welding results thanks to rapid digital control of the welding process
- Digital process control provides a consistent welding current
- The energy per metre and heat input remain consistent despite changes to stick-out
- Reduced prep angle provides savings in consumable consumption and welding time
- Flat, smooth weld surface virtually spatter-free for reduced finishing work
- Easy to learn and to control

Xcold / Xcold Pulse - Welding and brazing of thin sheet metal made from nonalloy, low-alloy, high-alloy steel and galvanised sheet metal

- Short-circuit welding with low heat input due to digital control of droplet transfer using high speed inverter
- Reduced discolouration and distortion
- Flat, smooth weld surface, virtually spatter-free, reduced post weld finishing work, excellent wetting of surfaces when brazing
- Rapid digital control of the arc ensures the arc is easy to guide and control
- High speed digital inverter allows welding with long hose packages without additional voltage measuring leads
- Minimal spatter formation, minimises impact on corrosion resistance even with galvanised materials

Kolarc M Series

Technical Information



POWER UNIT	M 200 C Series	M 350 C Series	M 400 Series	M 500 Series
Input Voltage(VAC)	230 ± %10	400 ± %10	400 ± %10	400 ± %10
Output Range (MIG, A)	20-200	20-350	20-400	20-500
Duty Cycle (40°C)	%25: 200 A, 23.0 V	%40: 350 A, 26.6 V	-	-
	%60: 110 A, 19.0 V	%60 : 300 A, 24.4 V	%60: 400 A, 32.0 V	%60 : 500 A, 36.5 V
	%100: 90 A, 18.1 V	%100: 250 A, 22.1 V	%100: 300 A, 27.5 V	%100: 400 A, 32.0 V
Max. Input Power (kVA)	7.2	14,5	17.8	24.8
Open Circuit Voltage (VDC)	68	67	90	90
Dimensions (HxWxL, mm)	392 x 242 x 578	632 x 243 x 638	452 x 243 x 701	452 x 243 x 701
Net Weight (kg)	23	36.5	60	60
Standard Accessories	3 m Power Cable (4 x 2.5 mm²)	3 m Power Cable (4 x 2.5 mm²)	3 m Power Cable (4 x 4 mm²)	3 m Power Cable (4 x 6 mm²)
	2 m Ground Cable (16 mm²)	3 m Ground Cable (25 mm²)	3 m Ground Cable (50 mm²)	3 m Ground Cable (70 mm²)
	Gas Regulator	Gas Regulator	Gas Regulator	Gas Regulator
	3 m 200 A Torch	3 m 300 A Torch	3 m 400 A Torch	3 m 400 A Torch

Kolarc reserves the right to make changes without notification.



	KM 501 Series	KM 600
	400 ± %10	400 ± %10
	20-500	40-600
	-	-
V	%60: 500 A, 36.5 V	%60 : 600 A, 41.0 V
V	%100: 400 A, 32.0 V	%100: 500 A, 36.5 V
	24.8	32.7
	90	90
	453 x 244 x 701	375 x 314 x 721
	60	70
mm ²)	3 m Power Cable (4 x 6 mm ²)	3 m Power Cable (4 x 6 mm ²)
mm ²)	3 m Ground Cable (50 mm ²)	3 m Ground Cable (70 mm ²)
	Gas Regulator	Gas Regulator
	3 m 400 A Torch	3 m 400 A Torch

COOLING UNIT	WM 400 / WM 500 WKM 501	WKM 600
Cooling Capacity (W)	1300	1300
Tank Capacity (L)	5	5
Max. Pressure (bar)	5	5
Max. Temperature (Co)	70	70
Standard	CE	CE
Dimensions (HxWxL, mm)	243 x 245 x 700	271 x 313 x 670
Weight (kg)	23	28

WIRE FEEDING UNIT	FM 4X	FKM 4X
Wire Feed Speed (m/min.)	24	24
Max spool Dia (mm)	300	300
Duty Cycle (40oC)	%60 : 600 A	%60 : 600 A
Torch Connection	EURO	EURO
Protection Class	IP 21	IP 21
Standards	CE	CE
Dimensions (HxWxL, mm)	336 x 242 x 509	322 x 223 x 501
Weight (kg)	12	12



Factory : Kargalıhanbaba OSB Mh. 3. Sk. No:8
54300 Hendek / SAKARYA
Tel : 0 (264) 502 24 20
Fax : 0 (264) 502 24 21

HQ : 100. Yıl Mh. İzci Sk. Ekin Apt. No:24/5
0670 Çankaya / ANKARA
Tel : 0 (312) 447 54 53
Fax : 0 (312) 447 54 68

www.kolarc.com



B U I L D I N G T H E F U T U R E

S SERIES



Kolarc S Series

Professional Multiprocess Welding Machines

Professional Electrode Welding is everywhere – Flexibility in applications.

- A solution for everyone with modular concept.
- Provides flawless looking welding seams with cellulosic, rutile and alkaline electrodes
- Designed to be used in especially in shipbuilding industry, petrol, natural gas, chemical materials, water pipe line construction and root pass welding applications.
- Digital amperage display and precision current setting provides an easy usage.

Compact, Light, Durable

Kolarc electrode 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.

Information Line for Operating Status

Thermal Overload Protection and indicator light protect machine if the duty cycle is exceeded or airflow is blocked. Digital display indicates the error codes.





Easy, intelligible design – Nothing discomforts

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

Optimum Performance For Covered Electrode

Adaptive Hot Start maintains an easy arc starting and preserves electrode to not to stick into work pieces. The Arc Force feature provides high penetration and conveniences on steep welding applications. Performs continuous welding with cellulosic, rutile and alkaline electrodes.

Intelligent Cooling System

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

Remote Control

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

Wind Tunnel Design

Prevents the transport of dust, dirt and sand to the electrical components and electronic cards in the machine by the cooling air flow and extends machine's life.

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

S Series

Technical Information



POWER UNIT	KS 200 / S 200	S 271 / S 271 Cell VRD*	KS 270 VRD* / KS 271 VRD*	S 270-4/VRD* / S 400 VRD*	KS 700	KS 1000
Main Voltage(VAC)	230 ± %10	400 ± %10	400 ± %10	400 ± %10	400 ± %10	400 ± %10
Current Range (MIG, A)	20-180	20-250	20-270	20-400	40-500	50-1250
Duty Cycle (40°C)	%25: 170 A, 26.8 V	%25: 250 A, 30.0 V	%35: 270 A, 30.8 V	%35: 400 A, 36.0 V	-	-
	%60: 110 A, 24.4 V	%60 : 225 A, 28.8 V	%60: 225 A, 29.0 V	%60: 350 A, 34.0 V	%60: 600 A, 41.0 V	%60: 1000 A, 44.0 V
	%100: 90 A, 23.6 V	%100: 180 A, 27.2 V	%100: 180 A, 27.2 V	%100: 300 A, 32.0 V	%100: 500 A, 36.5 V	%100: 1000 A, 44.0 V
Max. Input Power (kVA)	7.1	9.3	10.3	17.8	32.7	54.4
Open Circuit Voltage (VDC)	86	75	61 / 75	61	90	90
Dimensions (HxWxL, mm)	197 x 148 x 321	287 x 147 x 401	372 x 242 x 497	372 x 242 x 497	375 x 314 x 721	426 x 605 x 854
Net Weight (kg)	7	9.5	16.4	25	70	132
Standard Accessories	3 m Power Cable (3 x 2.5 mm²)	3 m Power Cable (4 x 1.5 mm²)	3 m Power Cable (4 x 2.5 mm²)	3 m Power Cable (4 x 4 mm²)	3m Power Cable (4 x 6 mm²)	5m Power Cable (4 x 10 mm²)
	3 m Electrode Cable (16 mm²)	3 m Electrode Cable (25 mm²)	3 m Electrode Cable (25 mm²)	3 m Electrode Cable (35 mm²)	3 m Electrode Cable (35 mm²)	3 m Ground Cable (2x70 mm²)
	2 m Ground Cable (16 mm²)	2 m Ground Cable (25 mm²)	2 m Ground Cable (25 mm²)	2 m Ground Cable (35 mm²)	2 m Ground Cable (35 mm²)	

*VRD (Voltage Reduction Device) is an optional safety measure for voltage reduction. Reduces the risk of electric shock or electric accident due to arc welding.
Kolarc reserves the right to make changes.



BUILDING THE FUTURE

T SERIES



www.kolarc.com

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.

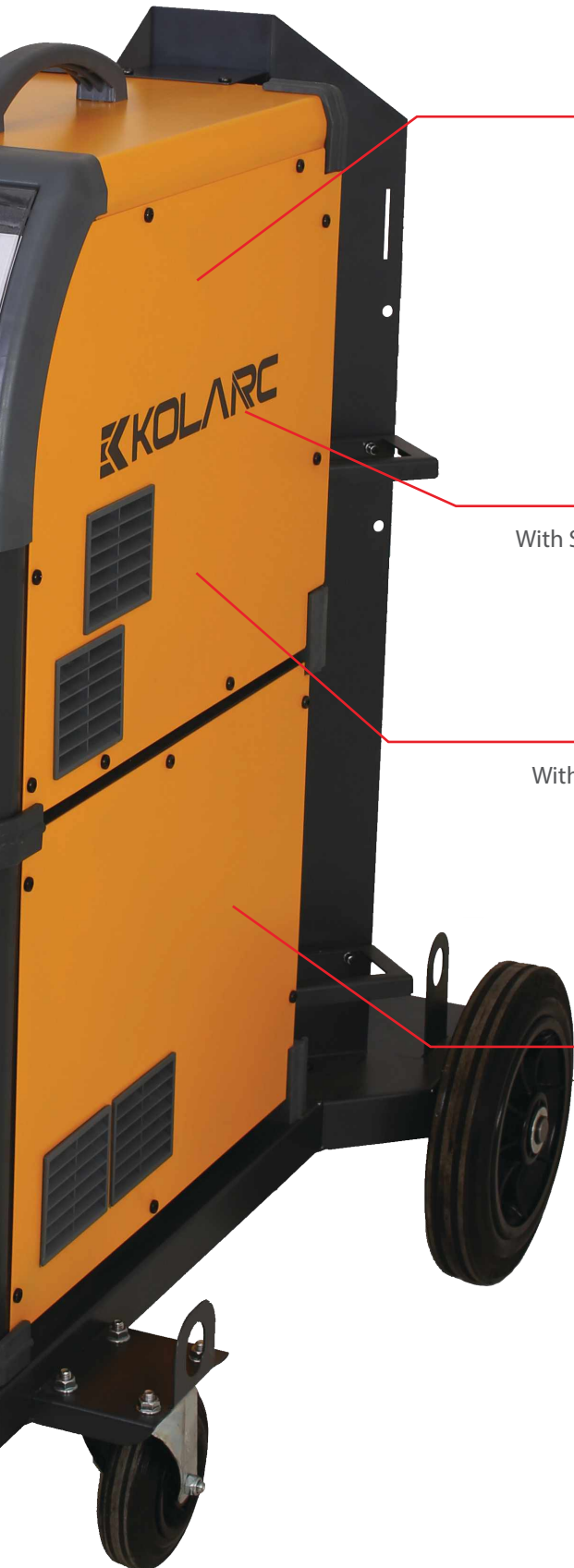
Intelligent Cooling System

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.

Shipyards 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



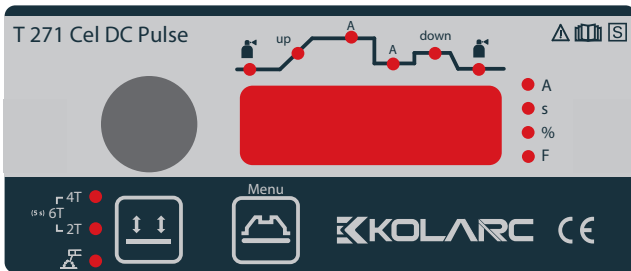
POWER UNIT	T 200	T 271/T 271 Cel	T 270-400 Series / T 270 Cel Series
Main Voltage(VAC)	230 ± %10	400 ± %10	400 ± %10
Current Range (TIG, A)	5-200	5-270	5-400
Duty Cycle (40°C)	%35: 200 A, 18.0 V	%35: 270 A, 20.8 V	%35: 400 A, 26.0 V
	%60: 110 A, 14.4 V	%60: 225 A, 19.0 V	%60: 350 A, 24.0 V
	%100: 90 A, 13.6 V	%100: 180 A, 17.2 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 ²)	3 m Power Cable (4 x 2.5 mm ²)	3 m Power Cable (4 x 4 mm ²)
	2 m Ground Cable (16 mm ²)	3 m Ground Cable (35 mm ²)	3 m Ground Cable (35 mm ²)
	Gas Regulator	Gas Regulator	Gas Regulator
	4 m 200 A Torch	4 m 270 A Torch	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.

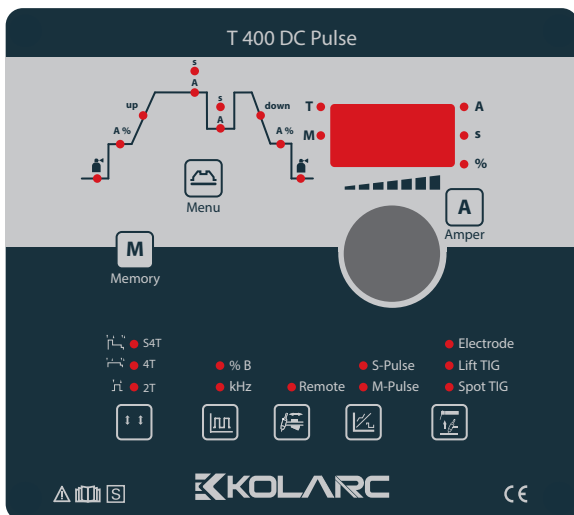
Synergic Pulse

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.

KOLARC

B U I L D I N G T H E F U T U R E



Factory : Kargalıhanbaba OSB Mh. 3. Sk. No:8
54300 Hendek / SAKARYA
Tel : 0 (264) 502 24 20
Fax : 0 (264) 502 24 21

HQ
Tel
Fax

: 100. Yıl Mh. İzci Sk. Ekin Apt. No:24/5
0670 Çankaya / ANKARA
: 0 (312) 447 54 53
: 0 (312) 447 54 68



B U I L D I N G T H E F U T U R E

SAW SERIES



www.kolarc.com

Turkey
Discover
the potential

Kolarc SAW Series

Professional Submerged Welding Machines

Professional Submerged Welding

Designed especially for all submerged arc welding applications, especially shipyards and steel construction companies.

Inverter Technology which supports CC and CV options

Enables the user to perform submerged arc welding in all diameters.

%35 Energy Saving

It provides 35% electricity saving in the current drawn from the grid under load according to conventional power units.

Encoder Potentiometer

With the Encoder Potentiometer, the welding parameters are adjusted with high precision.

Intelligent Cooling System

Works only when needed, reducing noise, dusting inside the machine and energy consumption.





Thermal Protection and the Indicator Lamp

It prevents the machine from being damaged if overloaded or air flow through the machine is interrupted.

Digital Control Panel

10 program memories automatically stores the welding parameters in its memory..

32Bit DSP Micro-processor

It checks all welding parameters at every stage of the source and provides the most appropriate welding parameters.

15 m Standard intermediate package

Standard intermediate package length is 15 meters, intermediate package length and dust collection unit are optional.

Wind Tunnel Design

Prevents the transport of dust, dirt and sand to the electrical components and electronic cards in the machine by the cooling air flow and extends machine's life.

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

KOLARC

BUILDING THE FUTURE



Factory : Kargalıhanbaba OSB Mh. 3. Sk. No:8
54300 Hendek / SAKARYA
Tel : 0 (264) 502 24 20
Fax : 0 (264) 502 24 21

HQ : 100. Yıl Mh. İzci Sk. Ekin Apt. No:24/5
0670 Çankaya / ANKARA
Tel : 0 (312) 447 54 53
Fax : 0 (312) 447 54 68

www.kolarc.com



B U I L D I N G T H E F U T U R E



RM SERIES



www.kolarc.com

Kolarc RM Series

Robotic Welding Machines



High frequency and energy efficiency inverter technology.

Wire cutting at the end.

Soft start and Spatter free arc ignition.

Pregas, Upslope, Downslope, Craterfill and Postgas.



M400W

(Duty Cycle 60%: 400 A, 32 V)



M350C

(Duty Cycle 60%: 350 A, 29.8 V)

High Penetration Pulse Program –Deep penetration with low heat input

For all metals and wires over 300 Synergic / Pulse Program List

99 Job Memory and auto hold function.

Intelligent cooling system

Analog / Digital (Fieldbus and Ethernet) -Robot Interface.

Touch Sense –Reference calibration.

Arc Sense –Auto arc length calibration From 300 A to 600 A Power units.

Air cooled and water cooled options.

Communicate with all brands robot and cobots with their unique communication board



M500W

(Duty Cycle 60%: 500 A, 36.5 V)



KOLARC

B U I L D I N G T H E F U T U R E



Factory : Kargalıhanbaba OSB Mh. 3. Sk. No:8
54300 Hendek / SAKARYA
Phone : 0 (264) 502 24 20
Fax : 0 (264) 502 24 21

Headquarter : 100. Yıl Mh. İzci Sk. Ekin Apt. No:24/5
0670 Çankaya / ANKARA
Phone : 0 (312) 447 54 53
Fax : 0 (312) 447 54 68

ARCloud

Weld Data Management System



What is ARCloud ?

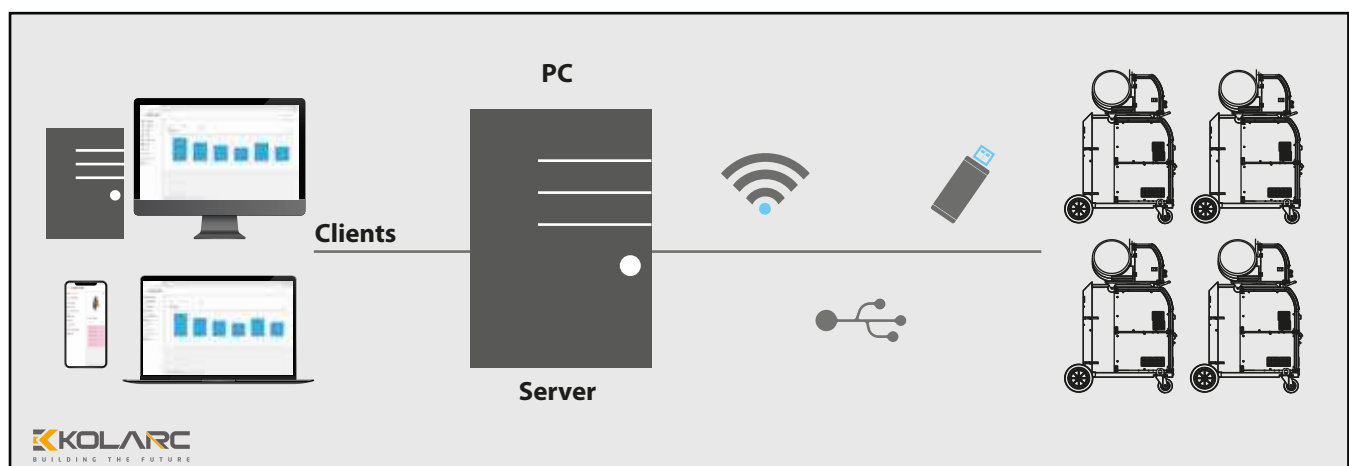
With the ARCloud Weld Data Management System, industry 4.0 technologies can be used in the welding machines. Thanks to ARCloud detailed and instantaneous data flow is provided during the welding process

ARCloud can increase the quality and efficiency in welding processes, improve the error costs in stock and production

ARCloud Local



ARCloud Premium



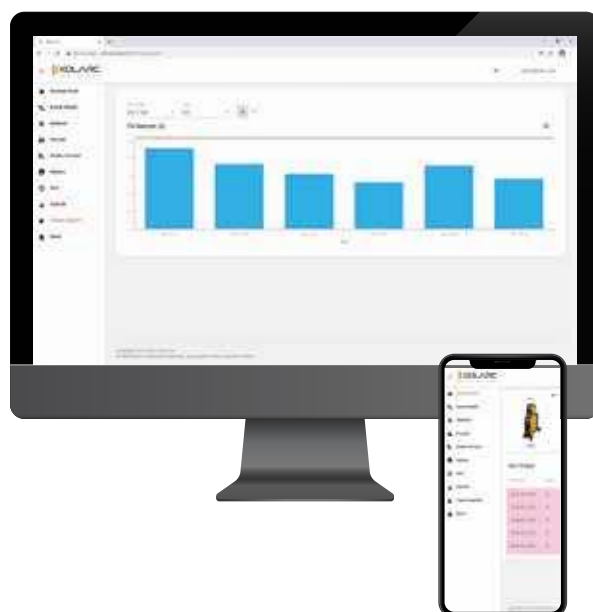
Parameter	ARCloud Local	ARCloud Premium
Weld Current	●	●
Weld Voltage	●	●
Wire Speed	●	●
Working Time	●	●
Errors	●	●
Server	×	●

Advantages

- Real time tracking, memorization and documentation.
- Consumption calculation.
- Maintenance tracking.
- Quality tracking.
- Active weld management.

Compatible with

- Kolarc M Series
- Kolarc RM Series
- All Inverter Welding Machines





Speed-up Production

- Follow periodic time intervals and total welding job times.
- Recognizing and solving welding errors in real time.
- Time saving by recognizing mistakes earlier.



Always Connect with the Welding Machine

- Track the weld seam information quickly, in detail and instantly.
- You can determine the source quality by comparing it with WPS values



User Friendly Interface

- Simple and easy to use menu interface
- Easy access to all analyzes and graphs on any browser.



Machine Identification

- A personal machine can be assigned
- It can be seen how many hours welders worked with which welding parameters.



Corporate Memory

- The ability to calculate period-based resource consumption thanks to its reporting feature.
- You can compare the records stored in the databases with the consumption.



Mobile Application

- Instant follow-up of welding works thanks to the mobile application.
- Possibility of immediate intervention to welding work with error notifications.



Factory : Kargalıhanbaba OSB Mh. 3. Sk. No:8
54300 Hendek /SAKARYA

Tel : 0 (264) 502 24 20
Fax : 0 (264) 502 24 21

HQ : 100.Yıl Mh. İzci Sk. Ekin Apt. No:24/5
06700 Çankaya /Ankara

Tel : 0 (312) 447 54 53
Fax : 0 (312) 447 54 68

www.kolarc.com





TIG FT 500



TIG FT 500 Cold Wire Feeder

Kolarc TIG FT 500 Cold Wire Feeder

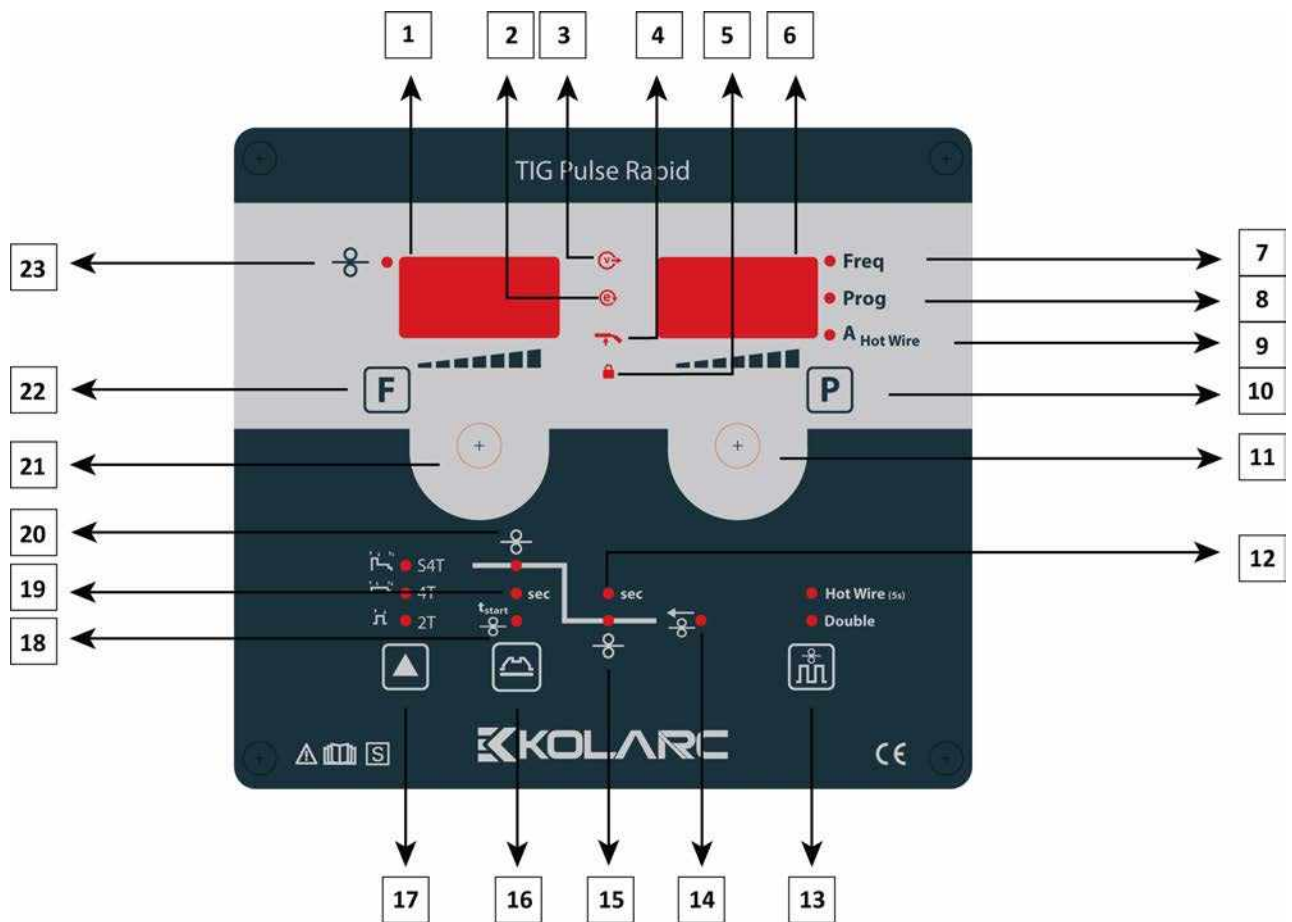


- TIG cold wire welding with dynamic wire feeding system
- High process reliability and excellent welding results
- Higher welding speed and simple handling
- Up to 100% faster welding speed



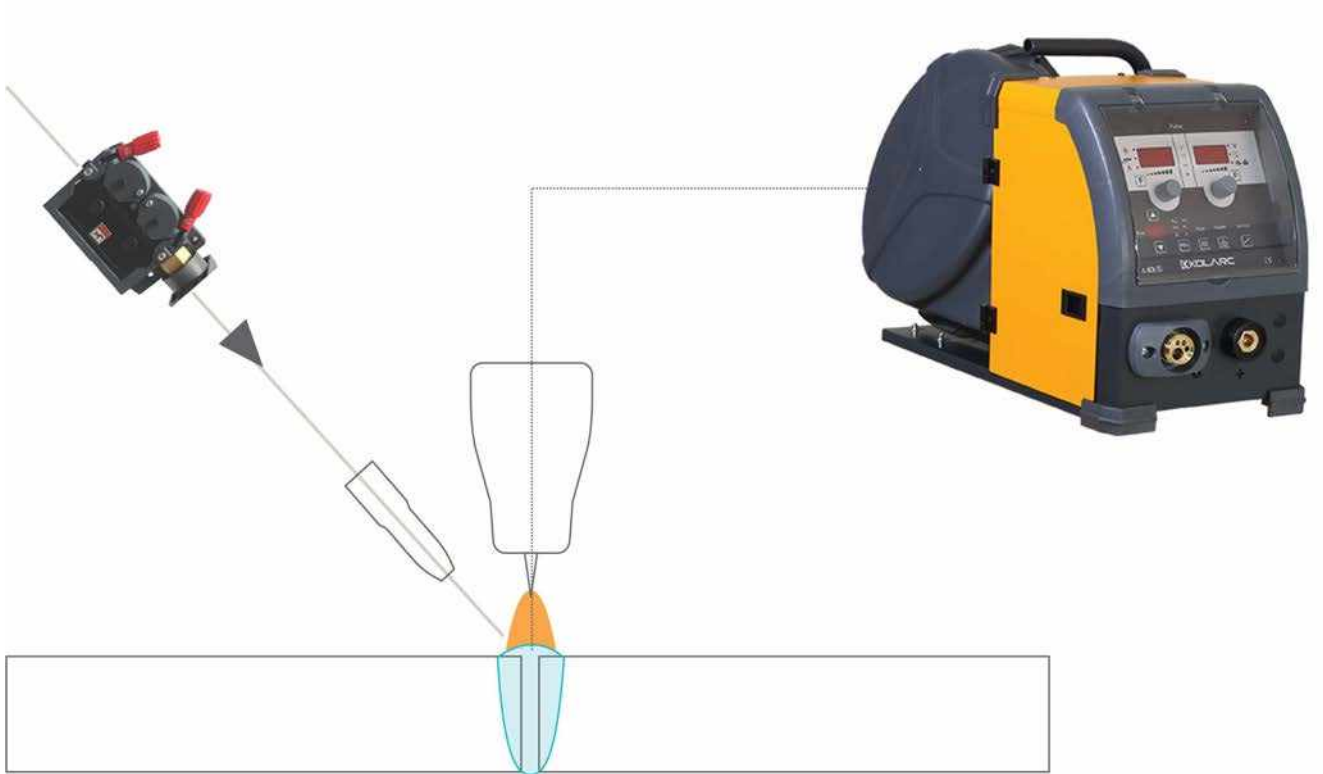
- Up to 60% improvement in deposition rates
- Wire feeding – Precise and practical
- 37 mm wire-feed rolls, Encoder motor and 4x4 wire-feed box give a steady arc characteristic
 - Automatic wire inching saves time
 - Simple, tool-free roll changing
 - Long-lasting rolls with two different wire diameters on the same roll

Kolarc TIG FT 500 Cold Wire Feeder



- | | |
|-----------------------------------|-------------------------------------|
| 1. Digital Screen | 13. Double Pulse Mod Button |
| 2. Encoder Display (N/A) | 14. Signal light, wire return (N/A) |
| 3. Voltage Display (N/A) | 15. Min. Wire Speed (m/s) |
| 4. Trigger Display (N/A) | 16. Function Selector Button |
| 5. Lock Display (N/A) | 17. Trigger Selector Button |
| 6. Digital Screen | 18. Wire feeder start delay (Sec) |
| 7. Display Value as Frequency | 19. Max. Wire Speed Time (Sec) |
| 8. Display Value as Program (N/A) | 20. Max. Wire Speed (m/s) |
| 9. Enductans Display (N/A) | 21. Rotary Potans Button |
| 10. Program Button (N/A) | 22. Frequency Display Button |
| 11. Rotary Potans Button | 23. Display Value as Wire Speed |
| 12. Min. Wire Speed Time (Sec) | |

Kolarc TIG FT 500 Cold Wire Feeder



Technical Specifications

Wire Speed (m/min)	1 - 22
Output Range	40 A - 180 A
Spool Size	D200/D300
Roller Diameter	300 mm
Dimensions (HxWxL, mm)	236 x 242 x 509
Weight	12 kg
Protection Class	IP21
Approval	CE sign
Stock Number	Y0186



Factory	: Kargalıhanbaba OSB Mh. 3. Sk. No:8 54300 Hendek / SAKARYA	HQ	: 100. Yıl Mh. İzci Sk. Ekin Apt. No:24/5 0670 Çankaya / ANKARA
Tel	: 0 (264) 502 24 20	Tel	: 0 (312) 447 54 53
Fax	: 0 (264) 502 24 21	Fax	: 0 (312) 447 54 68

www.kolarc.com