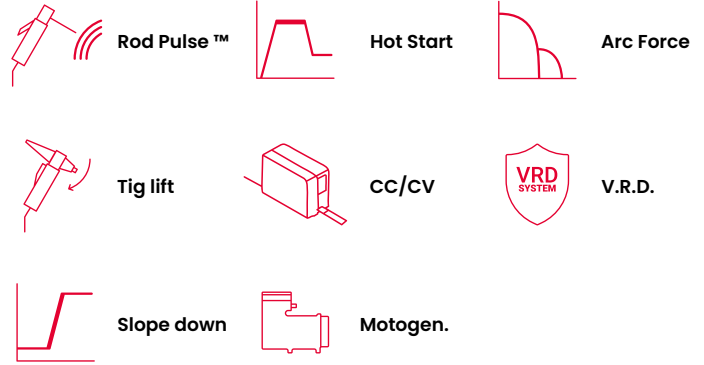
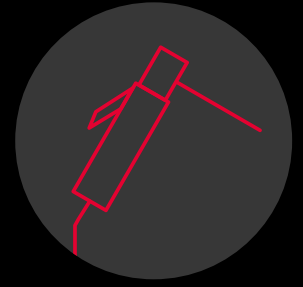




MAX 403

Inverter 400V 3 Phases



Standards and Warranty

60974-10 | 60974-1



Inverter

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

Multiprocess

MAX 403 is a multiprocess power source: STICK, TIG LIFT, MIG MAG, MIG PULSE*, MIG DUBLE PULSE*.
* Only with Feeder TOP 504 XM.

Tig lift

The Tig lift function allows perfect ignition with the Tig torch, available also adjustable slope down (0-10 seconds).

Cellulosic

MAX 403 is able to weld any type of electrode including Cellulosic.

Rode-Pulse™

MAX 403 allows pulsed electrode

welding with the innovative ROD-Pulse™ system. The advantages of appearance and arc control are unmatched in particular with cellulosic electrodes.. the function ROD-Pulse™ is available with remote Control RCCS or Feeder Top 504 SM and XM.

Arc-Force

Possibility to adjust the Arc-Force for a better penetration.

Hot-Start

Possibility to adjust the Hot Start for a better electrode strike.

V.R.D.

Voltage Reduction Device is the possibility to reduce the No-Load Voltage below 20V to avoid the Electric Shock risk. Mandatory in many shipyards.

Fan Control

The fans are controlled by the

Power Source which adjusts their intensity based on the current and the arc on time. Ideal for avoiding contamination in harsh environments.

DSP

Digital Signal Processor digital arc control for maximum welding performance in all processes.

DFB™

Double Full-Bridge to use high performing components and possibility to work at 130KHz frequency with reduction of weight and dimension

SMP™

STEL MODULE POWER maximum flexibility to use of any type of power components with advantages on availability and technological updating.



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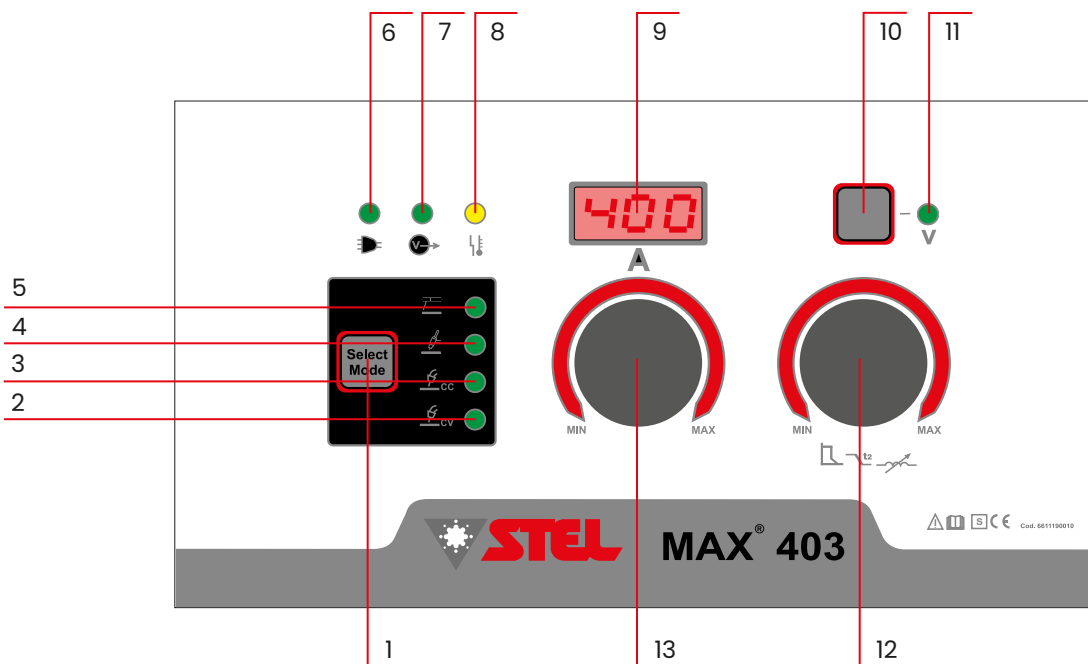
Technical Data

| | | | |
|----------------------|---|-----------------------------|--------------------|
| Main Voltage | 400 V | Work Temperature | 40°C |
| Phases | 3 | Current Range | 4-400 A |
| Frequency | 50/60 Hz | Welding Current 45% (25°C) | 400 A |
| Real Current (35%) | 19 A | Welding Current 100% (25°C) | 370 A |
| Real Power (35%) | 11,2 KVA | Welding Current 35% (40°C) | 400 A |
| Power Factor | 0,85 | Welding Current 60% (40°C) | 350 A |
| Efficiency | 85% | Welding Current 100% (40°C) | 300 A |
| No Load Voltage | 70 V | Earth Clamp | 50 mm ² |
| Degree of Protection | IP 23 | Length x Width x Height | 600x250x460 |
| Insulation Class | H | Weight | 34 Kg |
| Safety Approved |  | | |

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

Front Panel Description

- | | | |
|---|---|---|
| 1. Button for Welding Mode Selection | 7. Welding enabled led | Slope Down / Inductance |
| 2. Mig CV Mode Warning Led | 8. Over temperature led | 13. Encoder for regulating welding current |
| 3. Mig CC Mode Warning Led | 9. Digital Display | |
| 4. Tig Lift Mode Warning Led | 10. Button Voltage View | |
| 5. Electrode Mode Warning Led | 11. Voltage Led | |
| 6. Machine live led | 12. Encoder for regulating Arc Force / | |



Accessories

1. 6941800000

Warranty Extention 3&5 YEARS

2. 602020000L

KIT Cables 50mm Dinse 50

3. 600364000L

Trolley MMA XP

4. 642850000L

Torch Tig TTS 26V 4m Air Dinse 50

5. 600971000L

Torch Tig TTS 26V 8m Air Dinse 50

6. 600015000L

Remote Control RCCS

7. 600026000L

Cable Remote Control RC1 10m

8. 600027000L

Cable Remote Control RC1 20m

9. 600028000L

Cable Remote Control RC1 30m

10. 6056100000

Gas Regulator with Flow Meter

11. 6014910000

Helmet Aspire Jackson

