

# WHY BUY FROM UPG?

- 1) Technical Assistance offered before sale and after sale.
- 2) Free onsite team training with any butt welder purchase once machine is delivered.
- 3) Stock of all critical components as spares in NZ.
- 4) Servicing of all machines done here in NZ in our workshop. No requirement to send your machine offshore.
- 5) Common stock items held in NZ at UPG.

Proud Partner with RITMO





## BENEFITS

The EASY LIFE system designed by RITMO offers the below benefits:

- Easy setting and easy to use
- Avoid mistakes
- Repeat the welding cycles
- Wide product range
- Reliability and precision
- Affordable system
- 100% quality
- Wi-fi ready

## EASE OF USE

Hardware and software interact to each other sharing data during the entire workflow. Once set the welding parameters up, the system guarantees the repetition of the welding cycle. The operator only has to confirm the work phases just pushing a button on the control panel of the gearcase.

## QUALITY IN WELDING

A data-logging constantly tracks the welding cycle and saves the data in an internal hard-drive capable to store up to 4000 welds. The data will be available through PDF reports, downloadable in a USB pen drive. The gearcase recalls from an archive up to 50 preferred settings, saved by the operator.

# EASY LIFE CONCEPT



## EASY LIKE PUSHING A BUTTON

This is the concept that developed the EASY LIFE welding system: "to simplify the work in the jobsite avoiding human mistakes"; this is the philosophy that it hold in its name "Style and Technology" by RITMO. EASY LIFE is a whole RITMO's project for all and accessible to everybody. Easy Life is "Wi-Fi" ready and works together with the App "SET & GO - PRO".

## HOW DOES IT WORK

Hardware and software have been developed to interact to each other sharing data during the entire workflow. Once set the welding parameters up, the system guarantees the repetition of the welding cycle, avoiding errors. The operator only has to confirm the work phases on the gear case when asked to, just pushing a button. Besides, during the "welding phase", where sometimes some pressure adjustments are needed, the electronic system solve automatically this specific problem.

## QUALITY IN WELDING

The Easy Life system incorporates a data-logging that saves the data in an internal hard-drive capable to store up to 4000 welds. Possibility to pre-set 50 customized welding cycles. The data will be available through PDF reports, downloadable in a USB pen drive. If you want to export datalogs live on your project then this is done using the "SET & GO PRO" app.

## EXTREME RELIABILITY

Born on 2002, the EASY LIFE system is now at its fourth evolution.

# "SET & GO PRO" APP HIGH QUALITY ON BUTT FUSION WELDING



"SET & GO PRO" Put together the ease of use, innovation and quality, in a system with the advantages of a CNC welding system, but reducing significantly the costs of it.

**Note: "SET & GO PRO" App is a paid app subscription**

## ADVANTAGES

It eliminates the expensive hardware of a data-logging and offer the highest quality at the lowest cost.

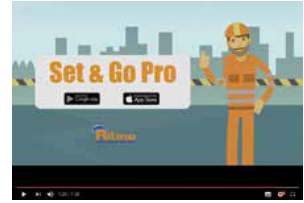


From APP STORE you can use only SET & GO  
SET & GO PRO isn't available.



# PLUS

- EASY SETTING
- WI-FI READY
- GEOLOCATION MAP
- DATA-LOGGING
- REPORT PDF



watch the video

## HOW DOES IT WORK?

Set-up the easy life welding machine through your smart-phone/tablet with few and easy steps: choose the international welding standards (ISO, DVS, UNI, ASTM, etc.), pipe diameter and SDR.

With the GPS and smartphone scanner you can collect, transfer, and store information by project name. You can record the exact location of each pipe weld as well as the construction site, you can scan pipe and fitting barcodes, scan operator badge, and take a photo before and after the installation.

With a detailed report at the end of each weld you have all the technical data with exact graphs and parameters to compare against international welding standards and geolocation map.

You can quickly share the welding reports in pdf format via email and whatsapp or save them to your phone or on a cloud archive.

Choose "SET & GO PRO" because safety and quality are part of your job!

|  |  |
|--|--|
| <b>WELDING REPORT</b><br><b>Welding = N° 46 - NO ERROR</b> | <b>Model = BASIC 315 (V0,V1)</b><br>Piston area = 6.68 cm <sup>2</sup><br>Serial = 990000005<br>Firmware version = 2.16<br>Next overhaul (mm/yy) = 10/18<br>Operator = Test operator<br>Job site = Ritmo<br>Remark = test welding                          |
| Date (dd/mm/yy) = 16/02/16<br>Time (hh:mm) = 09:46         | Diameter = 250 mm<br>SDR = 17<br>Thickness = 14.8mm<br>Material = PE<br>p1 = 0.17MPa<br>T min = 200°C<br>T norm = 223°C<br>T max = 245°C<br>p1 = 38 bar<br>A = 2mm<br>p2 = 0 bar, t2 = 163 s<br>t3 = 5 s<br>t4 = 8 s<br>p3 = 28 bar, t5 = 1090 s           |
| <b>Standard</b><br><b>ISO 21307 (06/11) SINGLE LP</b>      | Diameter = 250 mm<br>SDR = 17<br>Thickness = 14.8mm<br>Material = PE<br>T heater = 223°C<br>Drag pressure pt = 3 bar<br>p1 = pt = 31 bar, t1 = 30 s<br>p2 = 0 bar, t2 = 163 s<br>t3 = 4 s<br>t4 = 8 s<br>p3 = pt = 31 bar, t5 = 1080 s<br>t total = 1285 s |
| <b>PRESSURE GRAPH</b><br>                                  | <b>OPERATOR'S BADGE</b><br>300000041424312617584039002030<br><b>JOINT TRACEABILITY 1</b><br>3137011100814520240602025320078232530012<br><b>JOINT TRACEABILITY 2</b><br>3137011100814520240602025320078232530012<br><b>GPS 45:23,39647 11:43,0569</b><br>   |
| <b>PICTURES BEFORE</b><br>                                 | <b>AFTER</b><br>   |

\*\*\*\*\* REPORT n.9 Easy Life v1.09 \*\*\*\*\*

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Date: 02/02/16  
 Hour: 12:58  
 Set temperature HP: 200 C  
 Revision: 11/15  
 Serial number: 111200000  
 Diameter: 75 mm  
 Material: PP  
 SDR: 7.4  
 Operator: GIA .....  
 Job site: RIT .....  
 Remark: .....  
 \*\*\* WELDING DATA \*\*\*  
 Welding number: 8  
 Drag Pressure: 5 bar  
 P1: 40 bar  
 P2: 2 bar  
 P5: 40 bar  
 T1: 2s  
 T2: 30s  
 T3: 6s  
 T4: 4s  
 T5: 180s  
 Total joint time: 3'42"

Report by EASY LIFE

Report by EASY LIFE + "SET & GO! PRO"



## 630mm Delta EasyLife Butt Welder

This is a self-aligning machine, suitable for welding ducts for the transport of water, gas and other fluids under pressure, up to Ø 630 mm - 24" IPS. The DELTA 630 was designed in accordance to the International correspondent standards (UNI 10565, ISO 12176-1).

### Features:

- A machine body with a steel bearing frame, four steel clamps and two hydraulic thrust cylinders with non-drip quick couplings and steel inserts.
- Self detaching device: helps removing the heating plate during welding procedure.
- An extractable heating plate with separate thermometer for reading the working temperature.
- An extractable electric milling cutter for leveling the ends of the pipe and/or fitting, with a safety microswitch and overload cutout. Milling cutter's plastic control box is protected by a metal frame, and equipped with a fast removing system to speed up the extraction from machine body.
- An electro-hydraulic gearcase protected from crashes and atmospheric corrosion by a plastic box. The electronic system guarantees the continuous repeat of the welding cycles and automatic control of the preset parameters, therefore the operator needs only to validate the welding phases. Easy Life is "Wi-Fi" ready and works together with the App "SET & GO PRO". The user-friendly graphic display allows a quick setting of the desired parameters. The EASY LIFE system can store up to 4000 welding cycles and sum them up into a PDF file. This report can be transferred to a PC/laptop through a USB port and data-management software. Possibility to pre-set 50 customized welding cycles. The EASY LIFE system data logging now shows the time!
- A milling cutter/ heating plate support

### Standard Composition



Machine body

Detach device  
for heater

Gearcase

Milling cutter

Heating plate

Support

## Technical Features

|                                     |  |
|-------------------------------------|--|
| Model                               | 630mm Delta EasyLife Butt Welder                           |
| Working range *                     | 280 ÷ 630 mm; 10" IPS ÷ 24" IPS                            |
| Materials                           | HDPE, PP, PVDF<br>For other materials contact RITMO S.P.A. |
| Power supply                        | 230 V three phase 50/60 HZ<br>400 V three phase 50/60 HZ   |
| Total absorbed power*               | 12350 W  |
| Working temperature                 | 180° ÷ 280° C (356° ÷ 536° F)                              |
| Outside temperature range           | 10° ÷ 40° C (14° ÷ 104° F)                                 |
| Time to reach welding temperature   | < 20'  |
| Memory                              | 4000 cycles  |
| Pre-set welding cycles              | 50 customized  |
| Wi-Fi ready                         | App "SET & GO PRO"   |
| Dimensions machine body (W x D x H) | 1550 x 1010 x 1000 mm<br>(61" x 40" x 40")                 |
| Dimensions gearcase (W x D x H)     | 1000 x 580 x 680 mm<br>(39.5" x 23" x 27")                 |
| Weight machine body                 | 415 Kg (915 lb)  |
| Weight standard composition         | 700 Kg (1543 lb)   |

## PLUS

**AUTOMATED  
WELDING  
PROCESS**

**Wi-Fi ready  
App SET & GO - PRO**

\* Suggested power generator  
18kVA

## ON REQUEST



Inserts  
Ø 280 ÷ 560 mm



Tool for flange  
necks



Trolley



Electrical crane



Hydraulic  
Rollers



Rollers



App  
"Set & Go Pro"

and: Inserts Ø 10" ÷ 24" IPS; 10" ÷ 20" DIPS; special transport wooden case or metal cage for body machine/  
trolley - gearcase/plate/cutter

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