



CITOLINE

OERLIKON

CITOLINE i300

**CITOLINE i250 • CITOLINE i300**  
COMPACT RANGE

PLAYMAKER  
OF THE WORKSHOP

[www.oerlikon-welding.com](http://www.oerlikon-welding.com)

OERLIKON®

# PLAYMAKER OF THE WORKSHOP

## Processes

- GMAW
- FCAW-G
- FCAW-S
- SMAW

## Materials

- Steel
- Stainless Steel
- Aluminum

## Applications

- General fabrication
- Maintenance and Repair

The **CITOLINE-i COMPACT RANGE** is a professional inverter, designed for daily use, ensuring optimal MIG/MAG (GMAW/FCAW) and MMA (SMAW) welding performance.

Products in the range are easy to use and set-up and allow welding of a small size and light construction, or repair vehicle and light agricultural machinery.

The range consists of 250A and 300A power sources with large LED displays and easy to set-up user interface.

CITOLINE-i includes as standard 4-rolls wire drive system for perfect feedability of different types of material, EURO socket for MIG gun connection and undercarriage with wheels and space on the back for the gas bottle installation.



# CITOLINE i250/i300



**CITOLINE i250**  
250A@35%



**CITOLINE i300**  
300A@35%

Input



Output



## UNIT INCLUDES

- Input cable (3 m) without plug
- Ground cable (3 m)
- Gas hose (2 m)
- Rolls for 0.8 / 1.0 solid wire
- Operator's Manual on the USB stick

## SPECIFICATIONS

Product	Item Number	Input (V)	Fuse Type rG or Circuit Breaker Type Z	Rated Output (A)			Output Range (A)	Wire Feed Type / Speed Range (m/min)	Weight (kg)	Dimensions H x W x D (mm)	Protection Class
				100%	60%	35%					
Citoline i250	W100000317	400V 3Ph ±10% 50/60Hz	16A	175	230	250	50-250	4R / 1,5-18	50	760 x 395 x 830	IP23
Citoline i300	W100000318			175	230	300	50-300				

Product	Processes			Mode	Synergic Modes	A/V Meters	Wire Size Range			Wire Drive System	Max wire spool size [mm]	Warranty (years)
	GMAW	FCAW	SMAW				Solid	Cored	Aluminium			
Citoline i250	•	•	•	CC/CV	• (24)	LEDs meters	0.6-1.2	0.8-1.0	1.0-1.2	4R (Ø30 mm)	300	2
Citoline i300												

# FUNCTIONALITIES & ERGONOMICS

- Perfect feedability with a 4 roll wire drive
- Easy access for wire spool installation
- Easy Polarity change
- EURO socket as standard
- Big wheels and low gas cylinder entry

**Easy access for wire spool installation**  
simple and comfortable spool change

**Big wheels as standard for mobility**  
**Small footprint**



**Low gas cylinder entry** makes loading very easy

**Practical handle** for safe movement of the machine

Three controls and few buttons **for quick process selection and parameters settings**

**Solid, metal construction**



## QUICK PROCESS SELECTION AND PARAMETERS SETTINGS

- Manual and Synergic Mode
- GMAW/FCAW and SMAW processes
- Workpoint in m/min or Amps for GMAW Synergic
- 2T/4T MIG gun trigger mode
- 24 synergic programs as standard for Steel, Stainless Steel, Flux-Cored and Aluminium welding
- Run-In and Burnback for GMAW welding

CITOLINE

Large and bright LED display

24  
SYNERGIC  
PROGRAMS

Simple navigation  
also when using  
welding gloves

# PREMIUM MIG WELDING GUNS – LINCGUN® PROMIG™



**NEW**  
Mono-bloc nozzle: double nozzle seat insulation with PTFE and silicon glass



**NEW**  
Ergonomic, flexible ball joint handle



**NEW**  
Special handle construction with air pockets which insulate the handle from the heat and extend the life of the gun



**NEW**  
Unfailing power cables designed and engineered to withstand over 1 million bends

Firm grip handle, two sizes



Special liners made of higher tensile raw materials produce stiffer liners, provide less friction and last longer



## AIR-COOLED MODELS

		LG PROMIG 230T	LG PROMIG 270	LG PROMIG 300
Duty cycle	CO <sub>2</sub>	230 A @ 60%	270 A @ 60%	300 A @ 60%
	M21	200 A @ 60%	240 A @ 60%	270 A @ 60%
Wire diameter options		0.8-1.0 mm	0.8-1.0 mm	1.0-1.2 mm
Original equipment	Contact tip	0.8 mm steel	1.0 mm steel	1.2 mm steel
	Nozzle	Ø 12 mm	Ø 14 mm	Ø 16 mm
Handle size, other feature		Small, <b>rotatable swan neck for comfortable welding in hard-to-reach places</b>	Small	Large
Typical application		Thin plates, automotive industry, out of position welding	Thin plates, light, fabrication, locksmithing	Vessel, manufacture, steel structures, boiler making, structural steelwork
Reference				
	3 m	<b>W000275408-2</b>	<b>W000345060-2</b>	<b>W000345066-2</b>
	4 m	<b>W000275419-2</b>	<b>W000345061-2</b>	<b>W000345067-2</b>
	5 m	<b>W000275420-2</b>	<b>W000345062-2</b>	<b>W000345068-2</b>

# ROLLS

## Roll kit for solid wires

Solid drive roll 0.6/0.8	KP69025-0608
Solid drive roll 0.8/0.9	KP69025-0809 *
Solid drive roll 0.8/1.0	KP69025-0810
Solid drive roll 1.0/1.2	KP69025-1012
Solid drive roll 1.2/1.6	KP69025-1216 *

## Roll kit for aluminum wires

Aluminum drive roll 0.6/0.8	KP69025-0608A *
Aluminum drive roll 0.8/0.9	KP69025-0809A *
Aluminum drive roll 1.0/1.2	KP69025-1012A
Aluminum drive roll 0.8/1.0	KP69025-0810A *
Aluminum drive roll 1.2/1.6	KP69025-1216A *

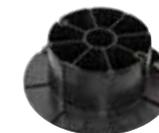
## Roll kit for cored wires

Flux cored drive roll 0.6/0.8	KP69025-0608R *
Flux cored drive roll 0.8/0.9	KP69025-0809R
Flux cored drive roll 1.0/1.2	KP69025-1012R
Flux cored drive roll 0.8/1.0	KP69025-0810R *
Flux cored drive roll 1.2/1.6	KP69025-1216R *

\* on request



**ADAPTER FOR  
SPOOL TYPE B300**  
K10158-1



**ADAPTER FOR  
SPOOL TYPE B300**  
K10158



**ADAPTER FOR  
SPOOL TYPE S200**  
R-1019-125-1/08R

# ACCESSORIES

## OPTIONS

Adapter for spool type B300	K10158
Adapter for spool type B300	K10158-1
Adapter for spool S200	R-1019-125-1/08R

## MMA KITS

KIT ARC 25C25 PLUS, 3m+2m, 250A@35%	W000260683
KIT 35C50 4 m, 300A@35%	W000011139
Welding cable with electrode holder 5 m / 300A	E/H-300A-50-5M



**MMA KITS**  
W000260683  
W000011139



**WELDING CABLE  
WITH ELECTRODE  
HOLDER**  
E/H-300A-50-5M



#### **CUSTOMER ASSISTANCE POLICY**

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