

# CITOCUT 60 & 100

**OERLIKON**

High performance plasma cutting



## Robust and Reliable Plasma Cutters

### CITOCUT 60 & 100

plasma cutting machines are built to handle harsh environmental conditions using tunnel technology to separate the PCB's and sensitive parts from the contaminating cooling airflow. The improved mains voltage tolerances and robust metal case with large protective rubber corners also make these machines suitable for operation on site with a generator or within a workshop environment. The concept for plasma cutting focuses on three elements:

- S - An innovative and patented striking system preserves the electrode tip and extends its lifetime.
- P - Circular enhancements with improved radial airflow and innovative electrode/nozzle design concentrate the plasma stream.
- L - The internally cooled electrode and torch head and electrode/nozzle design considerably increase their lifetime.



CONTACT OPTION 1	STAND-OFF OPTION 2	GOUGE OPTION 3
<p>Convenient for the operator, simply drag the nozzle on the plate. Well-protected nozzle.</p>	<p>Maximum flexibility and visibility of the plasma stream.</p>	<p>Allowing you to gouge different materials.</p>

Output



Input



Processes  
**PLASMA CUTTING,  
GOUGING**

# CITOCUT 60 & 100



## Features

- Starting - innovative advanced arc starting without HF.
- Performance - Innovative advanced electrode and nozzle design.
- Longer lifetime - Innovative advanced design increases lifetime of consumables.
- Faster - higher travel speeds and plate thickness.
- Flexible - Multiple torch configurations.
- Variety of materials – Mild steel, Stainless Steel, Aluminium and many more.

- 1 Primary Gas Pressure Gauge and Regulator Knob
- 2 Cutting Modes CUT / GRID / GOUGE
- 3 LEDs :  
Power ON/OFF  
Output  
Temperature  
Low gas pressure condition  
Part in place condition
- 4 Output current Knob

## Front panel



## Technical characteristics

Product	CITOCUT 60	CITOCUT 100
Primary Voltage (50-60Hz)	400V/3Ph	
Current Range (A)	20-60	20-100
Cutting capacity (mm)	25	40
Duty cycle at 40 °C	60A@40% 40A@100%	100A@40% 60A@100%
Flow rate (l/min±20% @5.0bar)	130	280
Inlet Pressure (bar)	6.0	7.0
Weight (kg)	23	38
Dimensions H x W x D (mm)	405 x 235 x 535	465 x 290 x 670

## To order

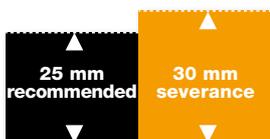
Designation	Item Number
<b>CITOCUT 60</b>	W000403595
<b>CITOCUT 100</b>	W000403597
LC65 Torch - hand - 7.5m	PTH-061A-CX-7M5A
LC65 Torch - hand - 15m	PTH-061A-CX-15MA
LC65M Torch - machine - 7.5m	PTM-061A-CX-7M5A
LC65M Torch - machine - 7.5m	PTM-061A-CX-15MA
LC105 Torch - hand - 7.5m	PTH-101A-CX-7M5A
LC105 Torch - hand - 15m	PTH-101A-CX-15MA
LC105M Torch - machine - 7.5m	PTM-101A-CX-7M5A
LC105M Torch - machine - 15m	PTM-101A-CX-15MA
Wear part box LC65	W03X0893-113
Wear part box LC105	W03X0893-115
Circle kit	W0300699A
Remote control CITOCUT 100	K12049-1



Wear part box for LC65



Wear part box for LC105



### CITOCUT 60

Recommended up to 25mm mild steel (severance 30mm)



### CITOCUT 100

Recommended up to 40mm mild steel (severance 45mm)

