

CITOCUT 60 & 100

OERLIKON

High performance plasma cutting

WARRANTY
3
YEARS

Robust and Reliable Plasma Cutters

CITOCUT 60 & 100

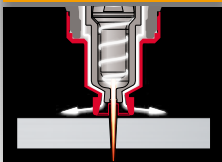
plasma cutting machines are built to handle harsh environmental conditions using tunnel technology to separate the PCB's and sensitive parts from the contaminating cooling airflow. The improved mains voltage tolerances and robust metal case with large protective rubber corners also make these machines 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

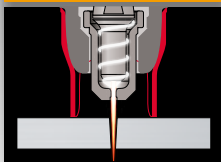
OPTION 1



Convenient for the operator, simply drag the nozzle on the plate. Well-protected nozzle.

STAND-OFF

OPTION 2



Maximum flexibility and visibility of the plasma stream.

GOUGE

OPTION 3



Allowing you to gouge different materials.

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.

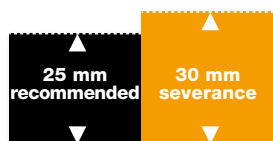
- 1 Primary Gas Pressure Gauge and Regulator Knob
- 2 Cutting Modes CUT / GRID / GOUGE
- 3 LEDs :
Power ON/OFF
Output
Temperature
Low gas pressure condition
Part in place condition
- 4 Output current Knob

Front panel



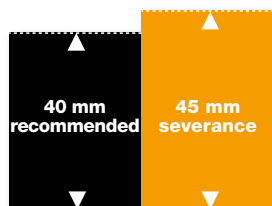
Technical characteristics

| 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 |



CITOCUT 60

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



CITOCUT 100

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

To order

| Designation | Item Number |
|-------------------------------|------------------|
| CITOCUT 60 | W000403595 |
| CITOCUT 100 | 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