PROLINE
professional welding supplies

LINCOLN ELECTRIC
THE WELDING EXPERTS

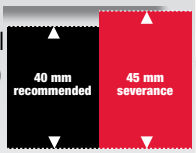
PLASMA CUTTING

Tomahawk™ 1025 /1538

ADVANTAGE

- **Innovative concept focusing on three elements**
  1. **Starting-** Innovative advanced arc starting without HF
  2. **Performance-** Innovative advanced electrode and nozzle design delivering a high performance
  3. **Lifetime-** Innovative advanced design increases lifetime of consumables
- **Faster**
  Higher travel speeds and plate thickness
- **Flexible**
  Multiple torch configurations
- **Complete**
  Moisture separator and pressure reducer included
- **Different materials**
  Mild steel, Stainless steel, Aluminium and many more
- **Concentrated Plasma Stream**
  Less Heat input, less distortion
- **Lincoln TRUE HD**
  Tested for use in harsh conditions
- **Tomahawk™ 1025**
  Recommended up to 25mm mild steel (severance 30mm)

- **Tomahawk™ 1538**
  Recommended up to 40mm mild steel (severance 45mm)



THE LINCOLN ELECTRIC GREEN INITIATIVE
Inverter Technology
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3 PHASE

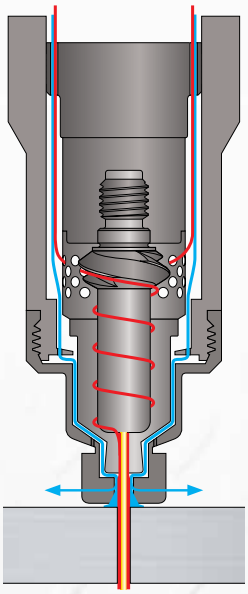
50/60 Hz

LINCOLN ELECTRIC 3 Year warranty Parts & Labour PERFORMANCE PLUS PROTECTION

HIGH PERFORMANCE PLASMA CUTTING

The Tomahawk 1025 and 1538 Plasma cutting machines are built to handle harsh environmental conditions using Lincoln 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 new Lincoln Plasma torches are designed to a focus on three elements. Starting: using an innovative striking system without HF to save and extend the lifetime of the electrodes. Performance: using a circular airstream at very high speed, coupled with special electrode and nozzle designs which concentrates the plasma stream. The extremely concentrated plasma stream increases the travel speed and cutting performance to best in class. Lifetime: the enhanced airstream cools the electrode and nozzle that extends the lifetime.

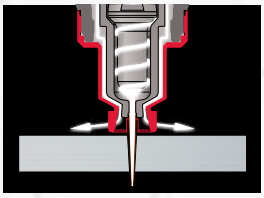


LC105 torch design with drag cup

The TH1025 and TH1538 comes with three plasma modes. The first mode is the standard function for all general plasma cutting work. The second mode is a Grid function for grid plate that keeps the arc constant and thirdly a Gouge mode provides an extremely long gouging arc

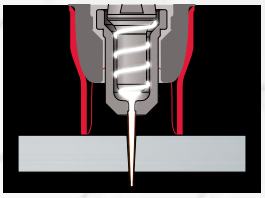
TORCH CONFIGURATIONS

CONTACT
OPTION 1



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

STAND-OFF
OPTION 2

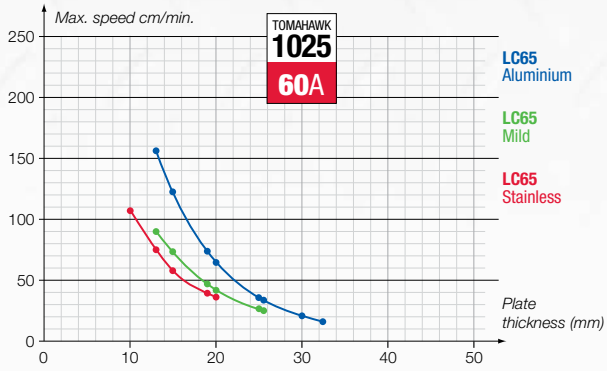


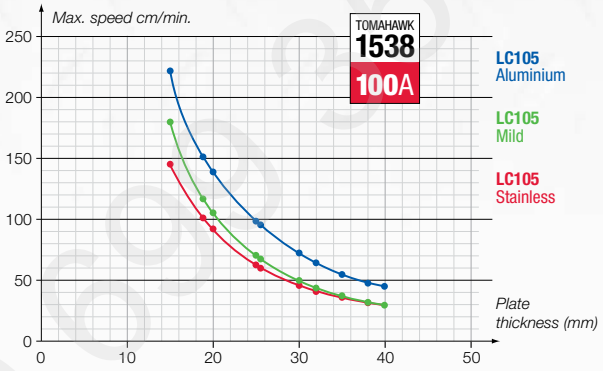
Maximum flexibility and visibility of the plasma stream.

GOUGE
OPTION 3

Allowing you to gouge different materials.

CUTTING PERFORMANCE





TECHNICAL SPECIFICATIONS

Product	Item Number	Fuse Size	Weight (kg)	Dimensions H x W x D (mm)	Protection Class	Insulation Class	Compliance
TH 1025	K12048-1	20A (slow)	22	389 x 247 x 510	IP23	H	EN 60529 / EN 60974-1 EN 60974-7 / EN 60974-10
TH 1538	K12039-1	32A (slow)	34	455 x 301 x 640			

Product	Primary Voltage	Current Range	Rated Input	Rated Output (40°C)	Required Flow Rate	Required Inlet Pressure
TH 1025	415 V 3ph (± 15%) 50/60Hz	20 - 60A	7.1kW @ 40% 4.3kW @ 100%	60A @ 40% 40A @ 100%	130 ± 20% l/min @ 5,5 bar	6.0 - 7.5 bar
TH 1538		20 - 100A	13.7kW @ 40% 7.1kW @ 100%	100A @ 40% 60A @ 100%	180 ± 20% l/min @ 5,5 bar	

TORCHES

Torch		Item	Type	Length
TH1025	**LC65**	PTH-061A-CX-7M5A	Hand	7.5 m
		PTH-061A-CX-15MA	Hand	15 m
	LC65M	PTM-061A-CX-7M5A	Machine	7.5 m
		PTM-061A-CX-15MA	Machine	15 m
TH1538	**LC105**	PTH-101A-CX-7M5A	Hand	7.5 m
		PTH-101A-CX-15MA	Hand	15 m
	LC105M	PTM-101A-CX-7M5A	Machine	7.5 m
		PTM-101A-CX-15MA	Machine	15 m

OPTIONS

Item Number	Description
W0300699A	Circle cutting kit
W05X1086A	Remote control kit TH1538
K12049-1	Remote control TH1538