

Tomahawk® 1025 Tomahawk® 1538

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 Lincoln Tomahawk® 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.


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.
- Different materials: mild steel, stainless steel, aluminium and many more.
- Concentrated plasma stream: less heat input, less distortion.



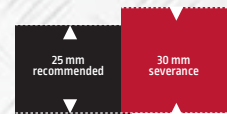
Processes

- Plasma air cutting
- Gouging

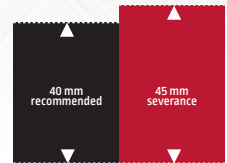


- Unit Includes**
- 2 m-input cable
 - 3 m-hand cutting torch
 - Ground clamp and cable
 - Air connection kit
 - Cutting torch consumables kit

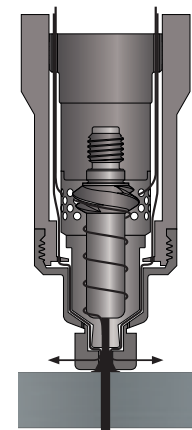
- Key Options**
- **K12049-1** Remote control (TH1538)
 - **W05X1086A** Remote Control Kit
 - **W0300699A** Cutting circle
 - **K2694-1** Undercarriage (TH 1025)
 - **W88X1456A** Air Filter LAF1250
 - **W8800117R** Filter Cartridge



TH 1025
Recommended up to 25 mm mild steel (severance 30 mm)



TH 1538
Recommended up to 40 mm mild steel (severance 45 mm)



LC105 torch design with drag cup

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INPUT 3 PHASE 50/60 Hz **OUTPUT** CC DC



Technical Specifications

Product	Item Number	Primary Voltage (50-60Hz)	Rated Output	Cutting Capacity (mm)	Flow Rate	Inlet Pressure	Output Range (A)	Weight (kg)	Dimensions HxWxD (mm)
Tomahawk® 1025	K12048-1	400V/3Ph	60A/40% 40A/100%	25	130l/min+/- 20%@5.0bar	6.0 bar	20-60	22	389 x 247 x 489
Tomahawk® 1538	K12039-1		100A/40% 60A/100%	40	180l/min+/- 0%@5.0bar	70 bar	20-100	36	455 x 301 x 618