

TOMAHAWK® 45

Plasma Cutting - Anywhere, Anytime

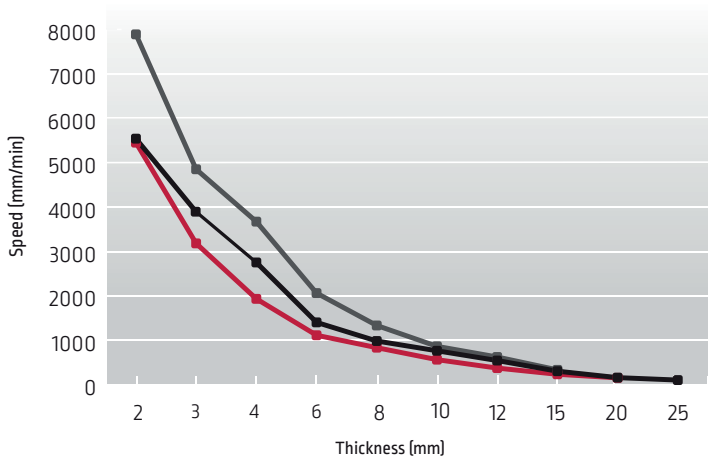
The Tomahawk® 45 plasma cutting systems are portable enough to carry to any jobsite. Hook up the compressed air, grab the torch and start cutting right away.

Features

- **TFT 2.8" screen** – For an easier and user friendly user interface
- **Continuous Output Control** – Focus the arc for different material thickness.
- **Touch Start system** – Reliable plasma arc initiation without high frequency.
- **Rapid Arc Restrike** – Fast cutting through gaps, even expanded metal.
- **Front Panel Purge Control** – Makes it easy to set the air flow rate without initiating the plasma arc.
- **Gouging and Grid modes** [adjustable grid's time]
- **Cool Operation, Long Consumable Life** – New electrode and nozzle design save you money in the long run.
- **Added Safety** – Our Parts-in-Place system detects correct installation of consumables and torch.
- **Lightweight and Portable** – Easily carried by one person.
- **Engine Drive Compatible** – Select a Lincoln Electric Outback® or Vantage® to power your Tomahawk® in remote locations.

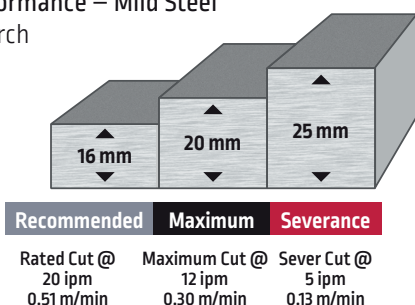


CUTTING PERFORMANCE



— 45A Steel LC-45 — 45A Stainless Steel LC-45 — 45A Aluminum LC-45

Cut performance – Mild Steel Hand Torch



INPUT: 1 PHASE, 50/60 Hz
OUTPUT: DC

Tomahawk® 45 (K14391-1) includes:

- Lincoln Electric LC45 Torch with 6 m cable
- Air regulator and pressure gauge
- Internal water separator
- Work clamp and cable
- Spare consumables
- Shoulder strap
- Input power cord

Applications

- On site maintenance
- Small construction sites.
- Air ducting installation (HVAC)
- Demolition work
- Rental



RECOMMENDED ACCESSORIES



Plasma Circle Cutting Guide Kit
For cutting circles from 77-838 mm (3-33 in.) in diameter. Works with all Lincoln LC series plasma torches.
Order K2886-1



Lincoln Electric LC45 Replacement Torch
Includes 6 mt (10 ft.) torch cable and one set of all required torch expendable parts.
Order W100000327



Two-wheeled undercarriage
For stick and TIG inverters
Order W0200002

REPLACEMENT TORCH CONSUMABLES

Consumable Wear

- It is normal for the electrode and nozzle to wear during operation.
- Electrodes should typically be replaced when erosion reaches 0.65 mm (0.025 in.).
- A green and erratic arc will indicate end of electrode life. The electrode should be immediately replaced.
- It is recommended that the Electrode and Nozzle be replaced as a complete set.

TOMAHAWK® 45 TORCH CONSUMABLES	
Product Number	Description
W100000328	Electrode
W100000329	Nozzle
W100000340	Retaining Cap
W100000333	Swirl Ring
W100000330	Shield Cap, Hand, 45-85A

Lincoln Electric LC45 Parts



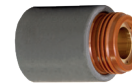
Electrode
W100000328



Swirl Ring
W100000333



Nozzle
W100000329



Retaining Cap
W100000340

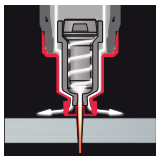


Shield Cap, Hand, 45-85A
W100000330

Type of cutting

CONTACT

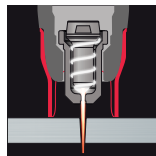
OPTION 1



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

STAND-OFF

OPTION 2



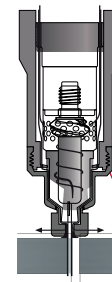
Maximum flexibility and visibility of the plasma stream.

GOUGE

OPTION 3



Allowing you to gouge different materials.



HIGHER TRAVEL SPEED AND LONGER LIFE TIME CONSUMABLES

PRODUCT SPECIFICATIONS

Product Name	Product Number	Input Power	Rated Output Current/Voltage/ Duty Cycle	Fuse (delayed) or Circuit Breaker	Pilot Current	Output Range	Air Pressure Required	Air Flow Rate Required	Dimensions H x W x D (mm)	Net Weight Without Torch (kg)
Tomahawk® 45	K14391-1	120/230/1/ 50/60	at 230Vac 45A@45% 40A@60% 30A@100% at 120Vac 22A@60% 15A@100%	16 A	20 A	15- 45 A [230Vac] 15- 22 A [120Vac]	5.0bar – 6,0bar	200 ±10% l/min	385 x 8.5 x 18.9	11.1

CUSTOMER ASSISTANCE POLICY

The business of The Lincoln Electric Company® is manufacturing and selling high quality welding equipment, consumables, and cutting equipment. Our challenge is to meet the needs of our customers and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for information or advice about their use of our products. Our employees respond to inquiries to the best of their ability based on information provided to them by the customers and the knowledge they may have concerning the application. Our employees, however, are not in a position to verify the information provided or to evaluate the engineering requirements for the particular weldment. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or advice. Moreover, the provision of such information or advice does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or advice, including any implied warranty of merchantability or any warranty of fitness for any customers' particular purpose is specifically disclaimed.

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