

# TOMAHAWK® 30K

## Plasma Cutting - Anywhere, Anytime

The Tomahawk® 30K plasma cutting system arrives ready to go for fast and precise cutting. With the 30K, forget the grinder – simply pick up the torch and cut in seconds.

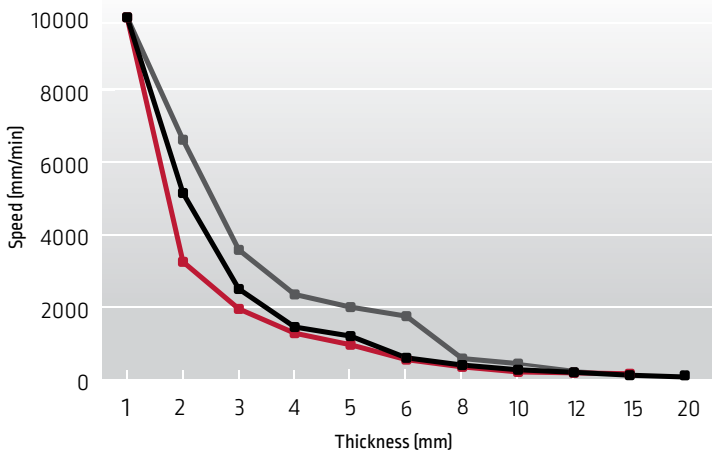
### Features

- **Ultimate Portability** – Internal air compressor enables operation in environments where external compressed air is not available.
- **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.
- **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.
- **Engine Drive Compatible** – Select a Lincoln Electric Outback® or Vantage® to power your Tomahawk® in remote locations.



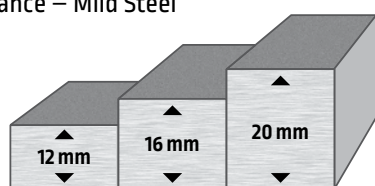
INTERNAL COMPRESSOR OR EXTERNAL AIR

### CUTTING PERFORMANCE



— LC-30K 30A Mild Steel    — LC-30K 30A Stainless Steel    — LC-30K 30A Aluminum

Cut performance – Mild Steel  
Hand Torch



Recommended	Maximum	Severance
Rated Cut @ 22 ipm 0.56 m/min	Maximum Cut @ 14 ipm 0.36 m/min	Sever Cut @ 5 ipm 0.13 m/min

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

Tomahawk® 30K (K12038-3) includes:

- Internal air compressor (external air connection also standard)
- Lincoln Electric LC30 Torch with 4 m cable
- Air regulator and pressure gauge
- Internal water separator
- Work clamp and cable
- Spare consumables
- 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 W0300699A



**Lincoln Electric LC30 Replacement Torch**  
Includes 4 m (10 ft.) torch cable and one set of all required torch expendable parts.  
Order W100000325



**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® 30K TORCH CONSUMABLES	
Product Number	Description
W03X0893-75A	Electrode
W100000326	Tip 0.8 mm
W03X0893-77A	Retaining Cap
W03X0893-5R	Swirl Ring
W03X0893-78R	Spacer

### Lincoln Electric LC30 Parts



Electrode	Swirl Ring	Tip 0.8 mm	Retaining Cap	Spacer
W03X0893-75A	W03X0893-5R	W100000326	W03X0893-77A	W03X0893-78R

**PLASMA-BOX LC30**  
W100000361

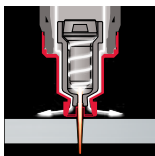


Part	Quantity	Reference	
Electrode	10	W03X0893-75A	
Swirl Ring	3	W03X0893-5R	
Tip shielded - 30A	10	W100000326	
Retaining Cap	1	W03X0893-77A	
Spacer	40 - 80A	3	W03X0893-78R

### Type of cutting

#### CONTACT

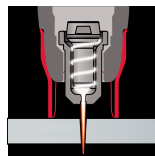
OPTION 1



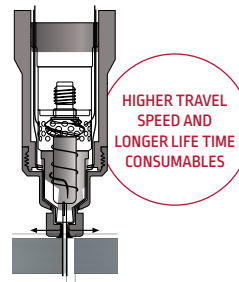
Convenient for the operator, simply drag the nozzle on the plate. Well protected nozzle.

#### STAND-OFF

OPTION 2



Maximum flexibility and visibility of the plasma stream.



## 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® 30K	K12038-3	230/1/50	30A@60% 25A@100%	16A	20A	15-30A	5.0bar – 6,0bar	125 ±10% l/min	385 x 215 x 480	18,5

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