

# TOMAHAWK® 30K

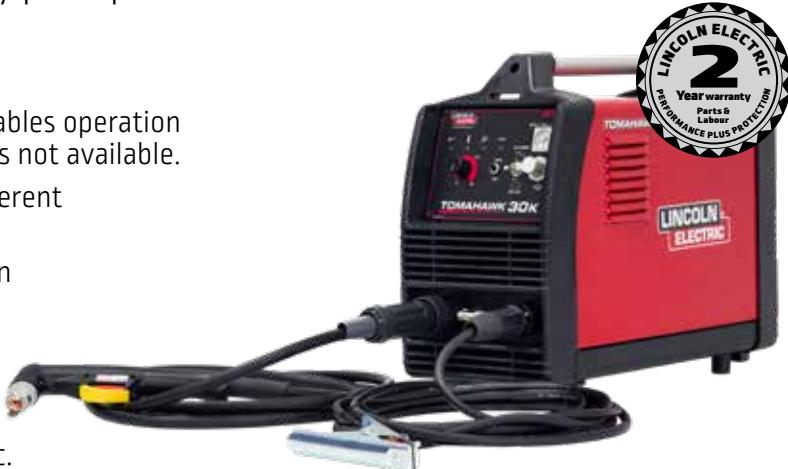
**TPS**  
WeldTech

## Plasma Cutting - Anywhere, Anytime

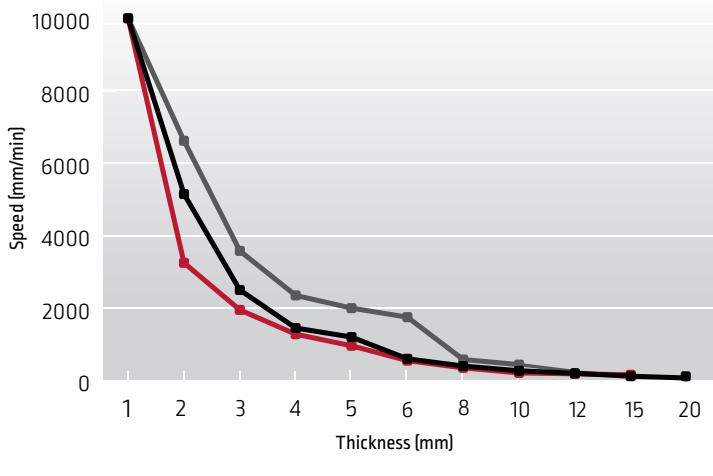
The Tomahawk® 30K plasma cutting system arrives ready to go for fast and precise cutting. With the 30K, forget the grinder – simply pick up the torch and cut in seconds.

### Features

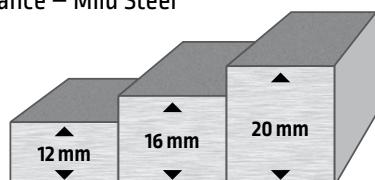
- **Ultimate Portability** – Internal air compressor enables operation in environments where external compressed air is not available.
- **Continuous Output Control** – Focus the arc for different material thickness.
- **Touch Start system** – Reliable plasma arc initiation without high frequency.
- **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.



### CUTTING PERFORMANCE



Cut performance – Mild Steel  
Hand Torch



Recommended   Maximum   Severance

| Rated Cut @<br>22 ipm<br>0.56 m/min | Maximum Cut @<br>14 ipm<br>0.36 m/min | Sever Cut @<br>5 ipm<br>0.13 m/min |
|-------------------------------------|---------------------------------------|------------------------------------|
|-------------------------------------|---------------------------------------|------------------------------------|



#### 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

**LINCOLN**  
ELECTRIC

## 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

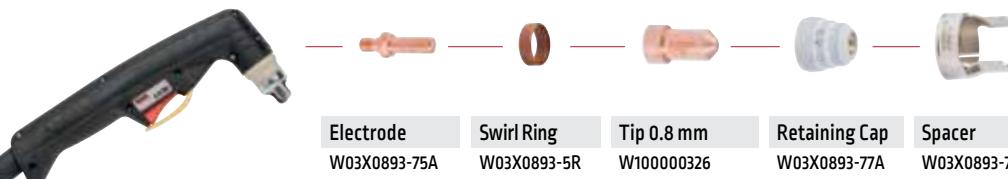
### Consumable Wear

- 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



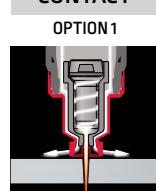
**PLASMA-BOX LC30**  
W100000361



| 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 | W03X0893-78R |

### Type of cutting

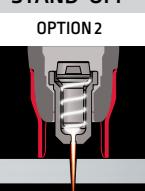
#### CONTACT



OPTION 1

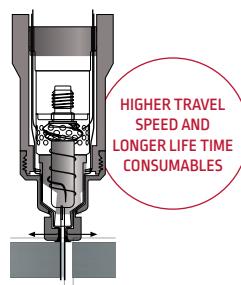
Convenient for the operator, simply drag the nozzle on the plate. Well protected nozzle.

#### STAND-OFF



OPTION 2

Maximum flexibility and visibility of the plasma stream.



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® 30K | K12038-3       | 230/1/50    | 30A@60%<br>25A@100%                      | 16A                               | 20A           | 15-30A       | 5.0bar – 6.0bar       | 125±10% l/min          | 385 x 215 x 480           | 18,5                          |

