



HANDYPIPE Lark

Hand Crank Pipe Cutting Machine

This manually operated portable oxy-fuel pipe cutting machine uses a chain and gear drive system. The drive chain is comprised of durable, interlocking links that can easily be added or removed for quick change of pipe diameters. A graduated bevel collar ensures accurate bevel setting. The control valves for fuel, preheat oxygen and cutting oxygen are positioned away from heat yet conveniently placed for easy operator use.

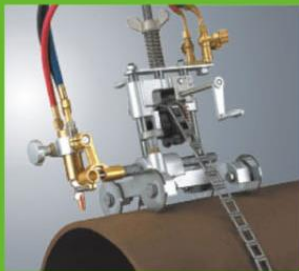
Features & benefits

- Oxy-fuel Pipe Cutter** - Bevel cut or straight cut steel pipe
- Manually Operated** - No power needed to cut pipe; ideal for field use
- Interlocking Chain Links** - Add or remove links as needed for various size pipes; Standard chain configuration: 2.4m (82pcs chain links) with longer chain linkage optional.
- Lightweight** - At only 9kg (19.8 lbs) this unit is easy to carry, operate and maintain
- Worm Gear Drive** - Low gear ratio ensures extremely smooth travel
- Optional Snap Valve** - One-touch on/off gas valve

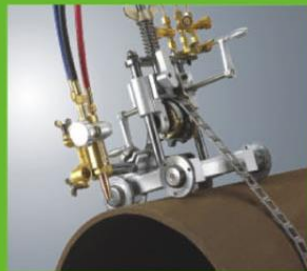
Standard configuration

Lark shown

1. Wing nut
2. Spring
3. Chain
4. Distributor
5. Torch
6. Guide wheel



Lark



Lark-Q (with quick stop clutch)



Adjusting Length of Chain

The length of the chain can be adjusted link by link, making it easy to match the chain to the circumference of the pipe. The number of links required for a given job can be calculated as follows:

$$\text{Number of Links} = \text{Pipe Diameter} \times 1/10 + 13$$

(For millimeter: Pipe Diameter $\times 1 + 13$; Round up to next link)
(For inch: Pipe Diameter $\times 2.54 + 13$; Round up to next link)

Example of calculation:

$$\text{Number of links required for cutting } \phi 200\text{mm pipe } (200 \times 1/10) + 13 = 33$$

The cutting machine can be easily set at any part of the pipe that is convenient. Additional chain links are available.



Bevel Cutting

Beveling application with double-connection. Torch holder unit has 2 torch connections. The upper one (A) is for square cutting, The lower one (B) is for beveling, pls fix the torch for beveling as per the graduated bevel collar with 5° per division.

Technical specification

Specifications	Q-Lark	Q-lark
Chain type	Single link chain	Single link chain
Quick clutch	None (Same as Koike type)	With
Effective pipe diameter	114-600mm (4"-24") by standard chain (2.4m=96") Over 600mm by extra chain addition	114-600mm (4"-24") by standard chain (2.4m=96") Over 600mm by extra chain addition
Cutting thickness	Up to 50mm (2")	Up to 50mm (2")
Cutting shape	Square and bevel (up to 45°)	Square and bevel (up to 45°)
Drive method	Manual	Manual
Size	250 × 250 × 400	280 × 280 × 450
Weight	10.5kg	13kg

