

# Picle 1-II

## Portable Gas Pipe Cutting Machine



### Portable Pipe Cutting Uses Dependable Chain Drive System

The Picle 1-II is a manually operated pipe cutting machine that 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 and cutting oxygen are positioned 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
- **Lightweight**  
At only 9 kg (19.8 lb) this unit is easy to carry, operate and maintain
- **Worm Gear Drive**  
Low gear ratio ensures extremely smooth travel
- **Interlocking Chain Links**  
Add or remove links as needed for various size pipes; 114-600 mm (4-24 in) diameters possible with standard chain
- **High Quality Tips**  
Koike's superior design Series 100 torch tips are included to ensure fast, smooth cuts
- **Optional Snap Valve**  
One-touch on/off gas valve

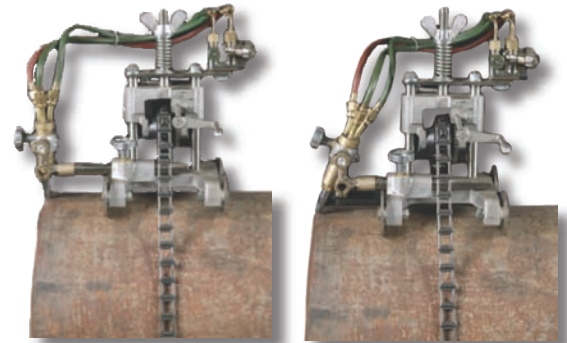


### LIFETIME TORCH WARRANTY

Against a sustained flashback  
when using a genuine Koike  
cutting tip

(Damaged torch and genuine  
Koike cutting tip must be  
returned)

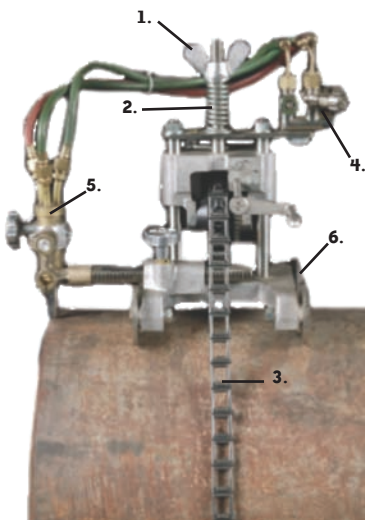
SPECIFICATIONS	
Effective Pipe Diameter	114 - 600mm (4 - 24 in) Standard Chain over 600 mm (24 in) with additional chain
Cutting Thickness	Up to 50mm (2 in)
Cutting Shape	Up to 45°
Drive Method	Manual
Cutting Tip - 102 for Acetylene, 106 for LPG	Koike 100 Series



Square Cutting

Bevel Cutting

MODELS DESCRIPTION	PART#
(1) Picle 1-II Machine w/ Torch	TBGA25003
(3) Cutting Tips; Model 102 or 106	Size 0, 1, & 2
Additional Chain 40" (34 Links)	ZS31131
Optional Snap Valve	SNAPVALVEI



### Configuration

1. Wing Nut
2. Spring
3. Chain
4. Distributor
5. Torch
6. Guide Wheel

Picle 1-II shown.  
All models have same configuration.

### 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:

Number of Links = Pipe Diameter x 1/10 + 3  
(For millimeter: Pipe Diameter x .1 + 13;  
Round up to next link)

(For inch: Pipe Diameter x 2.54 + 13;  
Round up to next link)

Example of Calculation:

Number of links required for cutting 200 mm diameter pipe  
(200 x 1/10) + 13 = 33

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

### Koike Picle Series

- **Picle 1-II:** Manual operated machine needs no electric power
- **Auto Picle -S:** Automatic high precision cutting machine with optional guide rails
- **Auto Picle P -S Type:** Automatic plasma cutting machine



Graduated Bevel Collar



Drive Chain Links



JQA-2093

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Form: Picle 1-II 04/12 KENG