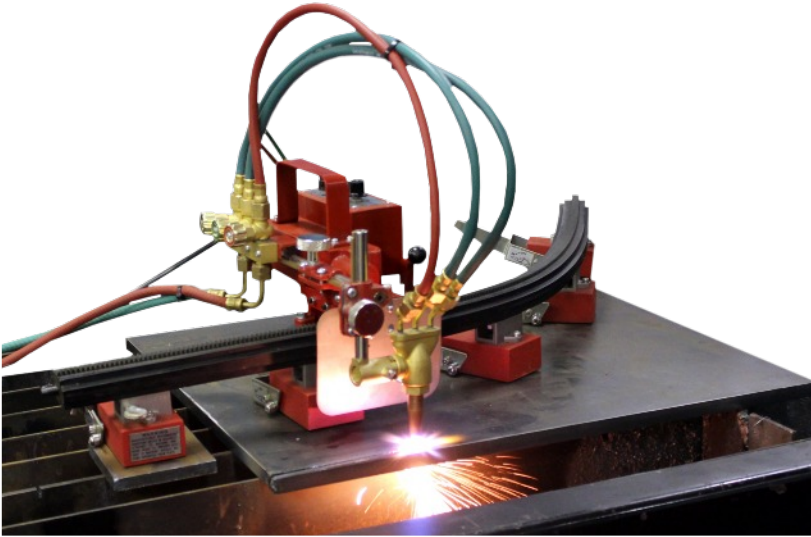


IK-72T

All Position Gas Cutting



Portable, Automatic All-Position Gas Cutting Machine Cuts Flat to Multi Plane Surfaces

The KOIKE IK-72T cuts various types of steel including channel, curved plate and angled steel members. Made of aluminum alloy, the IK-72T is lightweight and easy to use. A graduated bevel collar is provided for beveling. Simply adjust the scale for precise bevel angle.

Features & Benefits

- **All Purpose Oxy Fuel Cutting**
Bevel cut or straight cut in or out of position using 1, 2, or 3D rail.
- **Permanent Magnet Track**
Secures track to plate; allows track to be used vertically.
- **1D, 60 in (1,500mm) Extendable Rail**
Aluminum rail; makes accurate straight cuts; extendable track allows cutting of longer parts.
- **2D 40 in (1,000mm) Extendable Flex Track**
Make straight cuts and curved plane cuts; extendable track allows cutting of longer parts.
- **3D 40 in (1,000mm) Extendable Flex Track**
Makes straight cuts and twisted plane cuts; extendable track allows cutting of longer parts.
- **Clutch Lever**
Releases side rollers to allow quick positioning of machine on rail.
- **Innovative Use of Materials for Precision Cutting**
Hard rubber compound used on the rails allows curving through 2 or 3 panels; flexible steel tubing is set along rail centers and prevents uneven cutting.
- **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



KOIKE ARONSON, INC. / RANSOME

SPECIFICATIONS	
Minimum Curved Line Length	60 in (2000mm) radius 3D rail 98 in (2500mm) radius 2D rail
Cutting Thickness	1/8 - 2 in (5-50mm)
Cutting Speed	6-28 in/min (150-700mm/min)
Speed Control	Triac variable resistor
Drive Method	Rack and pinion
Bevel Angle	0-45°
Power Source	AC 120V/220V
Weight	8.8 lb (4.0kg)
Cutting Tip - 102 for Acetylene, 106 for LPG	Koike 100 series



Curved cutting using a double (2D) plane rail



Cutting a radius using a triple (3D) plane rail



Straight cutting on aluminum rail using a single (1D) plane rail

MODELS DESCRIPTION	
IK-72T (110V model) Includes: (1) IK-72T Machine Unit (1) Oxy-Fuel Torch (3) Cutting Tips 102 for Acetylene; 106 for LPG (1) Safety-Z Coupling Set	TBJA21002 Sizes 0, 1 & 2 ZA3232260
IK-72T (220V model) Includes: (1) IK-72T Machine Unit (1) Oxy-Fuel Torch (3) Cutting Tips 102 for Acetylene; 106 for LPG (1) Safety-Z Coupling Set	TBJA24014 Sizes 0, 1 & 2 ZA3232260
Rail Section	(Choose from below)

RAILS AND SNAP VALVE OPTION		
1D Rail (straight plane) 60 in (1,500mm)	Vertical cutting is possible	TBPI64025
2D Rail (double plane) 40 in (1,000mm)	1D(up) + 1D(down)	ZS31680
3D Rail (triple plane) 40 in (1,000mm)	1D(up) + 1D(down) + 1D(twist)	TBPI64026
Snap Valve		SNAPVALVEI



LIFETIME TORCH WARRANTY

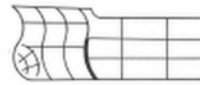
* Against a sustained flashback when using a genuine Koike cutting tip
(Damaged torch and genuine Koike cutting tip must be returned)



Bevel cutting

APPLICATIONS

Triple-plane curve cutting at the bow of a ship using triple-plane curved rail



Cutting the material for a round tank, double plane rail application



Using a triple-plane curved rail



Using a double-plane curved

Using a straight rail

Cutting Precision

Koike's IK-72T unit is ideal for ship, vessel and tank/building repair. Proper rail selections ensures the highest precision. Double plane and triple plane curved rails are the choice for most precision cutting, but may not be best for straight cutting. The straight rail is ideal for this. Triple plane curved rail used for double plane cutting may also reduce linear precision.

For maximum magnet efficiency and reduction of rail movement, be sure to clean rusty plate before cutting. Do not cut heavily painted plate or use rail with dirty magnets. Avoid operating where vibration occurs. Cutting plate less than 1/4 in (6mm) is not recommended. Be sure to use properly fitted magnets on the plate.



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ISO 9001:2008

BUREAU VERITAS
Certification



IK-72T 10/15 KENG