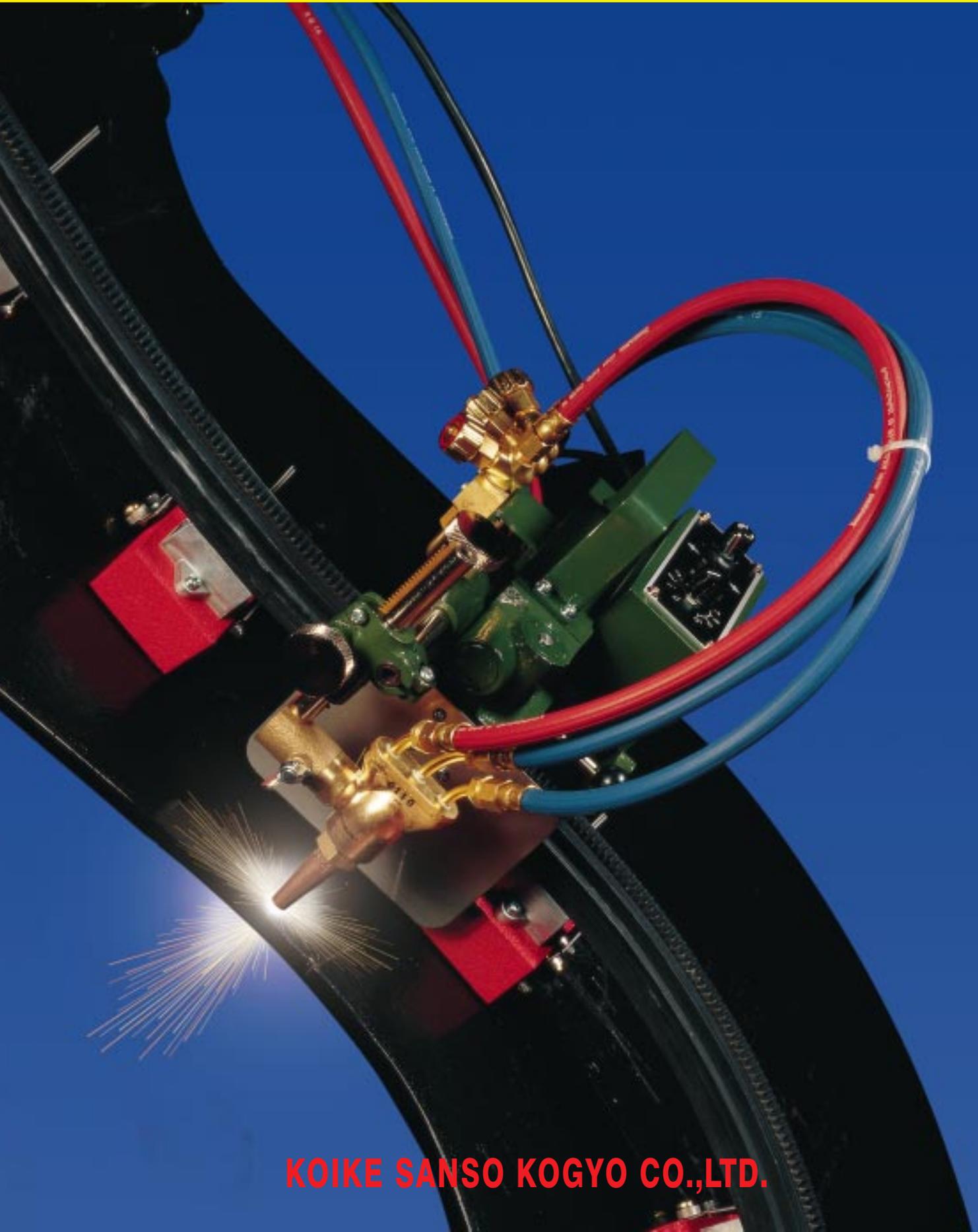


# IK-72T

PORTABLE, AUTOMATIC ALL-POSITION GAS CUTTING MACHINE



**KOIKE SAN SO KOGYO CO.,LTD.**

# From flat to multi plane surfaces, the IK-72T can cut various types of steel shape, such as channel, curved plate, angled steel members and the like.

■ Three kinds of rails are provided for maximum job application.

**1D rail** (Straight plane/aluminium):  
1,5 m (60") 10,0 kg (22 lbs)- with magnets

**2D rail** (Double plane/rubber):  
1,0 m (40") 6,5 kg (14,3 lbs)- with magnets

**3D rail** (Triple plane/rubber):  
1,0 m (40") 6,5 kg (14,3 lbs)- with magnets.

Select the most suitable for your purpose.

## ■ Easy operation

Made of aluminium alloy, the machine unit weighs only 6,0 kg (13,2 lbs), resulting in working easiness and efficiency, and helps makes setup simple. A graduated bevel collar is provided for bevelling. Just adjust the scale for precise bevel angle.

## ■ Mechanical excellence

Lifting the clutch lever release the side rollers. So moving the machine

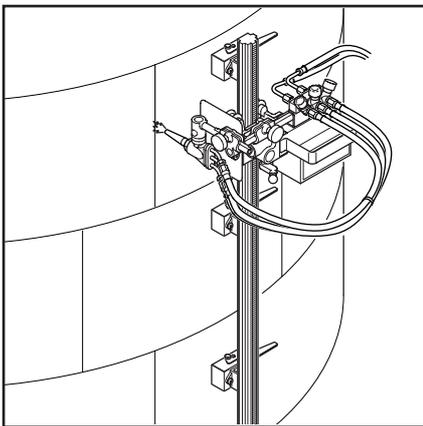
unit is smooth. Also the design of rail Shape and guide rollers assures smooth and stable travel.

## ■ Excellent cutting precision

Hard rubber compound is used for rails which can be curved through two or three planes, Flexible steel tubing is set along the rail centers. This steel tubing prevents uneven cuts often associated with flexible rails.

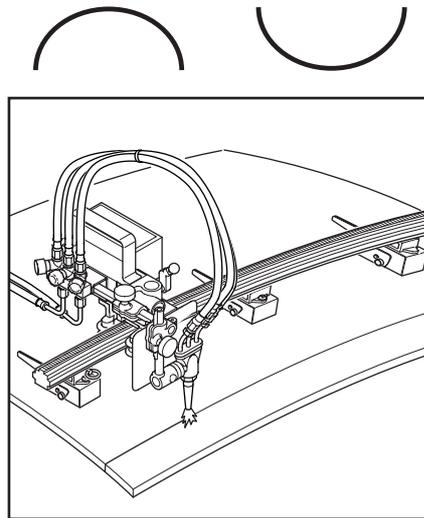
### 1D rail (Straight plane)

Vertical cutting is possible



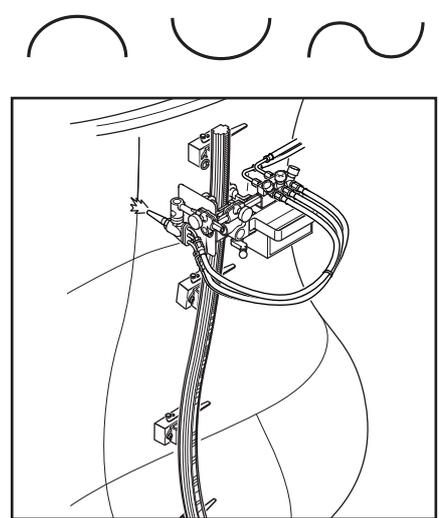
### 2D rail (Double plane)

1D (up) + 1D (down)



### 3D rail (Triple plane)

1D (up) +1D (down) +1D (twist)



### Cutting precision:

To get highest cutting precision you should select the most appropriate rail. Double plane and triple plane curved rails are very useful for precision cutting, but precision drops when used for straight cutting. We recommend straight rail for this. Triple plane curved rail used for double plane cutting may also reduces linear precision. Reduce your setup time by using the simplest possible rail sections.

### Specifications

Minimum curved line length	2.000 mm radius (60") 3D rail 2.500 mm radius (98 ") 2D rail
Cutting thickness	5~50 mm (0.2~2.0")
Cutting speed	150~700 mm/min. (6~28")
Speed control	Triac variable resistor
Drive method	Rack and pinion
Bevel angle	0~45°
Power source	AC 120V/220V
Weight	4,0 kg (8,8 lbs)
Tip	100 series for any fuel gas



Total system supplier of welding and cutting **KOIKE INTERNATIONAL GROUP**

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Specifications shown herein are subject to change without notice