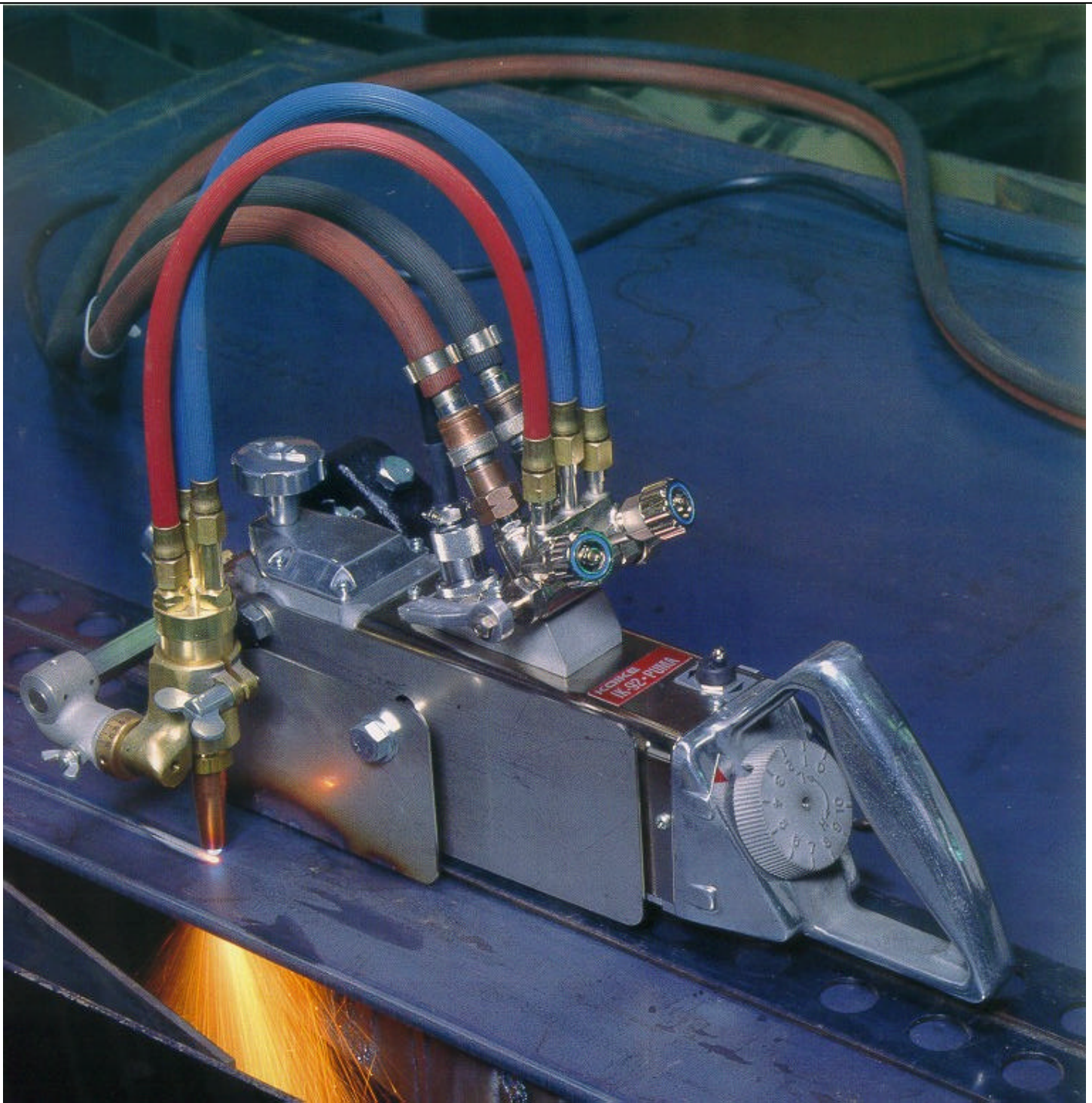


PORTABLE AUTOMATIC GAS CUTTING MACHINE

# IK-92 [PUMA]



Unique handy-type machine – featuring highly accurate automatic straight-line cutting and semi-automatic (manually guided/circular) cutting with one hand.



- **High-quality automatic straight-line cutting performed because of stable machine travel**

The IK-92 [PUMA] has a box-type design and a low center of gravity. Therefore, stability is extremely high and automatic traveling can be done exactly with no need for manual holding. Besides, long-distance cutting is possible with the additional extension rails, thus allowing this machine to provide excellent performance in automatic straight-line.

- **Accurate and reliable drive system**

A control circuit for stabilizing the input power supply has been added. In addition, a DC drive control provides a constant and accurate cutting speed.

- **One-hand operation system — making operations easier**

One hand, that holds the grip, can operate the power switch, clutch lever, speed adjustment dial, forward/reverse travel selector switch provided near the grip. Therefore, manually guided cutting is easily carried out.

- **Perfect heat prevention system**

Long and continuous operation is allowed due to heat prevention measures including the use of a heat insulating material inside the main body, the use of a double heat shield plate and incorporating a forced air-cooling fan. Because of a reduced thermal influence, durability can be enhanced and service life can be extended.

- **Secure and easily adjustable torch holder**

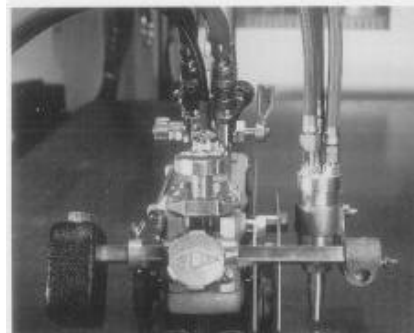
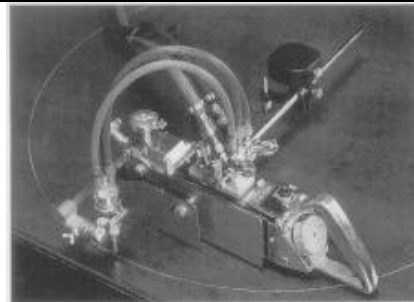
Since the horizontal and vertical torch adjusting mechanism is equipped at the center of the main body, stability is ensured even while cutting.

- **The machine can travel in both forward and reverse directions, first in this class of machine.**

- **Simple machine body structure facilitating maintenance**

- **Circle cutting attachment option capable of cutting in small to large circles.**

Effective cutting radius ranging 50 to 550mm (2"-22")



## Specifications

Cutting thickness	5 to 100mm (0.2" - 4")
Cutting speed	100 to 1,000mm/min (4" - 40"/min)
Drive control	DC
Speed adjustment method	Variable Potentiometer
Clutch	Lever type
Forward / reverse changeover	With snap switch
Opening / closing or cutting oxygen (jox) port	With lever
Heat insulating measures	1.) Double heat insulating board employed. 2.) Heat insulating material used inside machine body 3.) Forced air with cooling fan
Power Supply	220V AC (100V AC, 120V AC)
Motor	24V DC 3,6000 rpm. 9.2W
Overall length	480mm (19")
Weight	8kg (18lbs)
Wheel track	100mm (Approx. 4")
Rail	Standard straight track 1.8m (Approx. 6')
Option	Circular cutting attachment

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