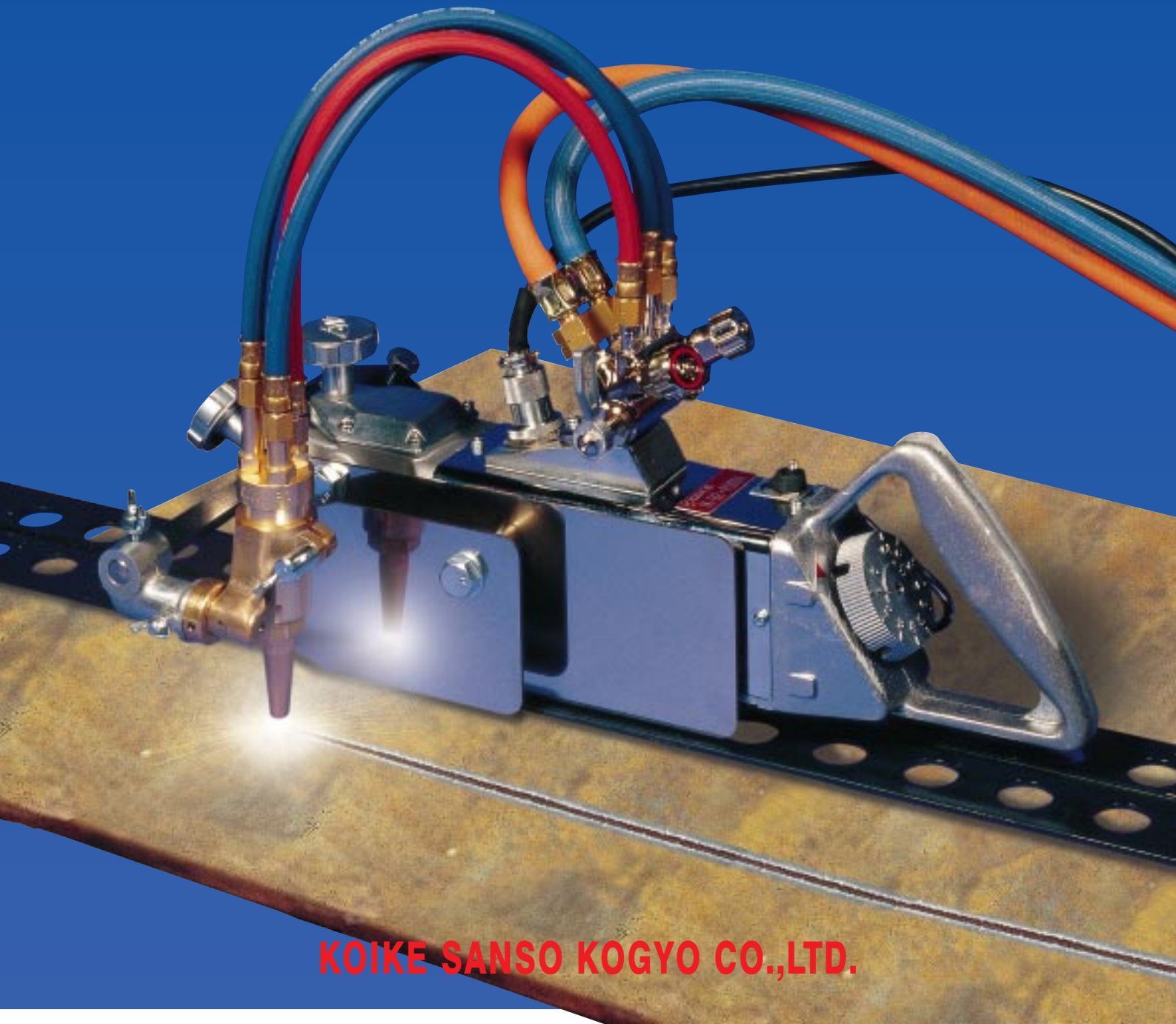


# IK-92 PUMA

PORTABLE AUTOMATIC GAS CUTTING MACHINE



**KOIKE SANSO KOGYO CO.,LTD.**

# Unique handy-type machine – enabling both 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 travelling can be done exactly with no need for manual holding. Besides, a 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 employed. In addition, IC for-speed control is equipped, thus constant and accurate machine travel is per-

formed.

■ **One-hand operation system – making operations easier**

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

■ **Perfect heat prevention system**

Long and continuous operation is allowed owing to perfect heat prevention measures including use of a heat insulation material inside the main body, employment of a double heat shield plate and incorporation of 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, secure operation 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 550 mm

## Specifications

Cutting thickness	5 to 100 mm
Cutting speed	100 to 1.000 mm/min
Speed control	Control IC mounted
Speed adjustment method	Increase/decrease by dial
Clutch	Lever type
Forward/reverse changeover	With snap switch
Opening/closing of cutting Oxygen (jox) port	With lever
Heat insulating measures	1. Double heat shield 2. Heat insulating inside machine body 3. Forced air cooling fan
Power supply	42/110/220V AC
Motor	24V DC 3.600 rpm. 9,2W
Overall length	480 mm
Weight	8 kg
Wheel track	100 mm
Rail	Standard straight track 1,8 m Extension straight track 1,8 m
Option	Circular cutting attachment



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

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Specifications shown herein are subject to change without notice