



PORTABLES &
GAS APPARATUS

IK-72 SERIES

ALL POSITION WELDING & CUTTING



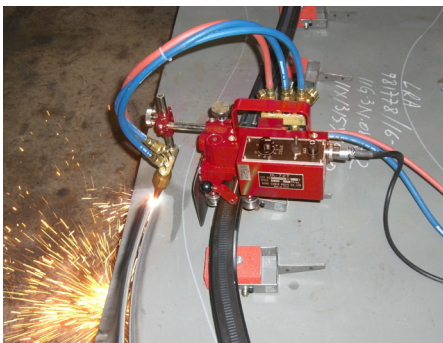
SIMPLY BETTER BUILT.





ALL POSITION PORTABLE WELDING AND CUTTING SYSTEM.

The Koike IK-72 machine comes in three different models, each with unique features and capabilities to meet the needs of different metalworking applications. The machine's portable design makes it easy to move from job site to job site, increasing efficiency and productivity. Additionally, the machine has the option to purchase three interchangeable rails separately, which allow for versatile cutting in various shapes and sizes.



IK-72T

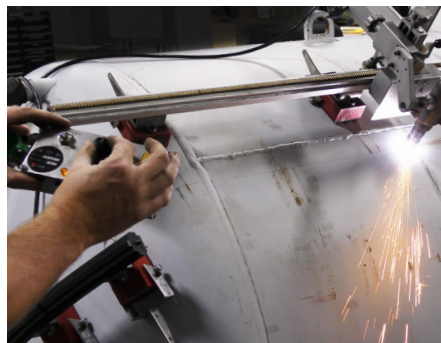
The industry standard for all position oxy-fuel cutting.

Features

- Oxy-fuel cutting up to 2"
- Operates in any position
- Simple control panel for easy operation

Options

- 1D, 2D or 3D rail
- Snap Valves - One touch on / off valve



IK-72W

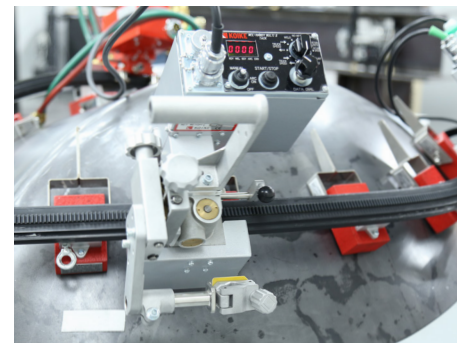
All position welding and cutting with remote operation.

Features

- MIG/SAW
- Continuous fillet weld
- Remote Pendant

Options

- 1D, 2D or 3D rail
- Oxy-Fuel kit (10" cut capacity)
- Plasma Cutting kit



IK-72W MULTI II

Advanced welding and cutting with programmable settings.

Features

- MIG/SAW
- Stitch weld or continuous fillet weld
- Limit switches

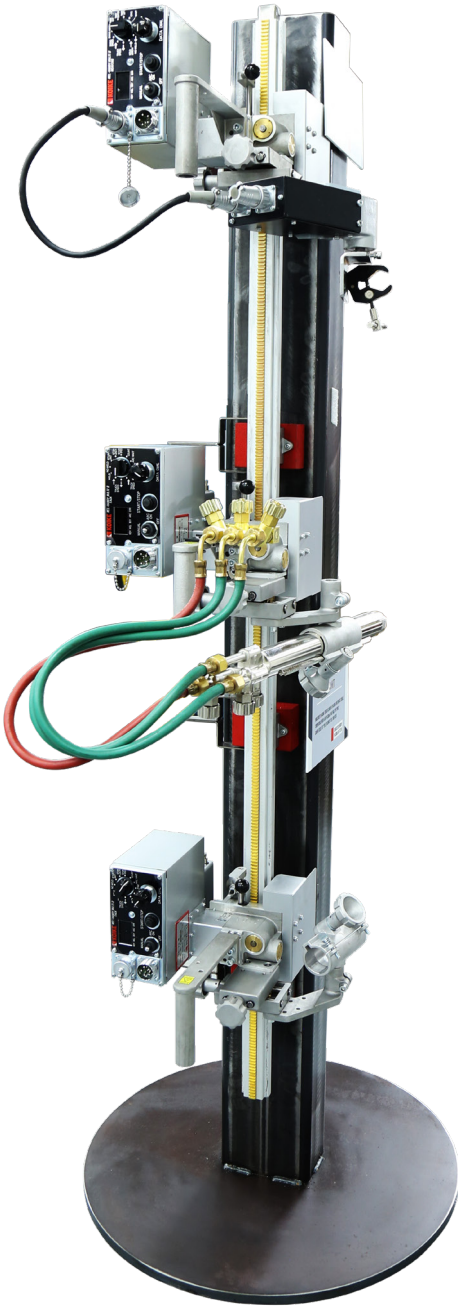
Options

- 1D, 2D or 3D rail
- Oscillator (Pendulum weaver)
- Oxy-Fuel system (10" cut capacity)
- Plasma Cutting kit

RAIL OPTIONS

Experience secure and efficient cutting with the Koike IK-72 machine's interchangeable rail system, available in three models. Each rail comes standard with powerful permanent magnets to ensure a secure attachment to the workpiece, while eyelets on the rail ends provide tether provisions for fall arrest equipment as needed. The rail system is also designed with connections on each end, enabling multiple sections to be joined together for longer cutting or welding. With easy-to-use magnet release levers, set-up is quick and hassle-free, while the rails remain firmly in place for precise cutting every time.

Consult the factory for additional information on Suction Cup and Maglogix® magnets mounting options.



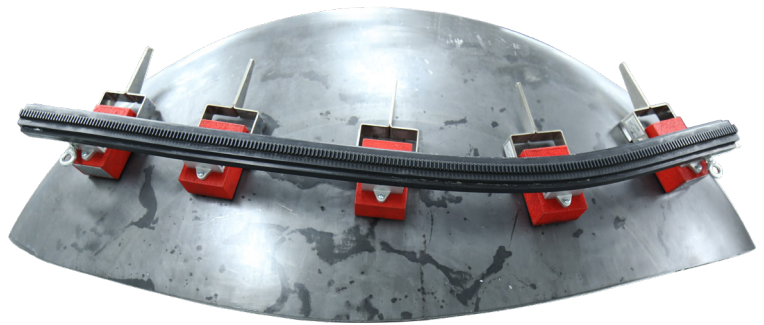
1D TRACK

- 60 Inches long
- Can connect multiple pieces
- Make accurate straight cuts
- Horizontal/vertical/overhead



2D TRACK

- 40 inches long
- Can connect multiple pieces
- Ideal for straight circumference cuts/welds
- 98" Minimum Curved Radius
- Rail contains stainless steel band



3D TRACK

- 40 inches long
- Track can bend in all planes
- Allows for concave/convex cuts
- 60 inch minimum curved radius

SIMPLY BETTER BUILT.



TECHNICAL SPECIFICATIONS

Model	IK-72	IK-72 W	IK-72W MULTI II
Operation Controls	On Carriage - Forward / Off Reverse, Travel Speed	Remote Pendant - Forward / Off/ Reverse, Travel Speed, Arc on / off	On Carriage - Advanced travel speed, direction with programmable arc on /off distance, crater and puddle fill welds. Enhanced limit switch features. Stops the machine at the end of each weld but doubles as a jog to position with a single press of the switch.
Clutch Lever	Standard	Standard	Standard
Oxy-fuel Cutting	Standard up to 2" material	Optional up to 10" material	Optional up to 10" material
Plasma Kit	N/A	Optional - Includes plasma torch clamp & plasma interface cable. Compatible with air plasma with CPC port.	Optional - Includes plasma torch clamp & plasma interface cable. Compatible with air plasma with CPC port.
Welding - MIG	N/A	Standard - Miller® and Lincoln® interface	Standard - Miller® and Lincoln® interface
Welding Oscillator - MIG	N/A	N/A	Weaver - Pendulum style
Welding - SAW	N/A	Optional - Larger torch holder	Optional - Larger torch holder
Carriage Weight	8.8 lbs	10 lbs	16.7 lbs
Standard Voltage	AC 115 V/220 V 50/60 Hz Single Phase 1A	AC 115 V/220 V 50/60 Hz Single Phase 1A	AC 115 V/220 V 50/60 Hz Single Phase 1A

OPTIONAL EQUIPMENT



OXY-FUEL KIT

Cut up to 10" thick material.



PLASMA KIT

Includes a plasma torch clamp and interface cable, and is compatible with air plasma systems featuring a CPC port for improved cutting capabilities.



OSCILLATOR

True plug and play accessory. Parameters can be adjusted as machine welds. Designed for large cap welds and vertical up welding.



Simply better built – for over 100 years. Our strictly controlled manufacturing and production processes ensure we have the highest-quality machines with the most reliable performance. We collaborate with our customers to produce the right machine for their needs within a range of budgets.

Visit Koike.com for more information or contact your local distributor.



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WWW.KOIKE.COM



635 W Main St.
Arcade, NY 14009
Ph: 585-492-2400

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