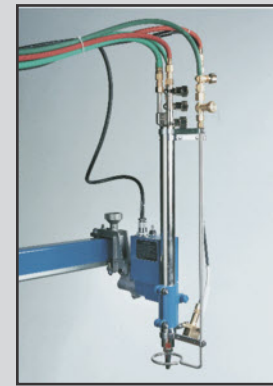


Accessories and Options

IK-1500G 4-160 ipm

- 7M Rail/Pedestal Package (in place of 4M package). Increases effective cut length to 240".
- Additional Movable Tracing Table, 60 x 47 1/4".
- Manual Torch Station (4 max) machine cutting torch & 3 tips.
- Model "S" Motorized Torch lifter, per torch station. (Requires manual torch station for operation.)
- Automatic Torch Ignition Basic, 1 per machine. Torch Ignitor Assembly, 1 per torch station.
- Water Spray Basic, 1 per machine. Water Spray Nozzle Assembly, 1 per torch station.
- Auto Ease-On Pierce Control Valve, 1 per machine.
- Plasma Motorized Torch Lifter Heavy Duty. 1 per machine.
- Hypertherm/Thermal Dynamics/Koike Aronson Plasma Interface.
- HL-83 "Command Mark" Corner Slowdown Board. (For optimum performance.)
- Hybrid D9, D11 Microprocessor Control Package and Interface.



Water Spray
Basic and
Nozzle As-
sembly

- Encoder Rack.

IK-2000/2500G 4-160 ipm

- 7M Rail/Pedestal Package (in place of 4M package). Increases effective cut length to 240".
- Additional Movable Tracing Table, 83 1/2 x 47 1/4".
- Manual Torch Station (6 max) machine cutting torch & 3 tips.
- Model "S" Motorized Torch lifter, per torch station. (Requires manual torch station for operation.)
- Automatic Torch Ignition Basic, 1 per machine. Torch Ignitor Assembly, 1 per torch station.
- Water Spray Basic, 1 per machine. Water Spray Nozzle Assembly, 1 per torch station.
- Auto Ease-On Pierce Control Valve, 1 per machine.
- Plasma Motorized Torch Lifter Heavy Duty. 1 per machine.
- Hypertherm/Thermal Dynamics/Koike Aronson Plasma Interface.
- HL-83 "Command Mark" Corner Slowdown Board. (For optimum performance.)
- Hybrid D9, D11 Microprocessor Control Package and Interface.
- Encoder Rack.

Product Notes

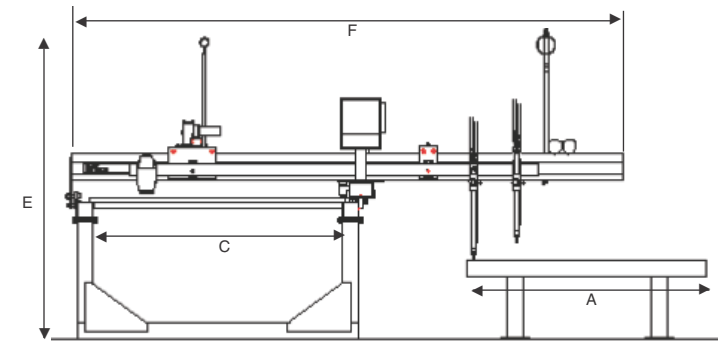
- Specify fuel gas to be used when ordering machine.
- Maximum of 50 amp (IK-600C, IK1200J) and 200 amp (IK-1500G IK-2000/2500G) output plasma cutting system, recommended. Refer to the Koike Aronson Technical Manual for proper grounding and operating instructions.

IK Series

Designed for High Performance Shape Cutting

Form IK-02-08-1000

SPECIFICATIONS					
	IK-600C	IK-1200J	IK-1500G	IK-2000G	K-2500G
Minimum torch spacing	3" (75mm)	2 1/4" (55mm)	2 1/4" (55mm)	2 1/4" (55mm)	2 1/4" (55mm)
Number of torches	(max 2)	(max 4)	(max 4)	(max 6)	(max 6)
Cutting thickness capacity	1 torch: 3/16 ~ 2 1/4" (5 ~ 60mm) 2 torches: 3/16 ~ 2 1/4" (5 ~ 60mm) 3 torches: 4" (100mm) 4 torches: 2" (50mm) 6 torches:	8" (200mm) 6" (150mm) 4" (100mm) 2" (50mm)	8" (200mm) 6" (150mm) 4" (100mm) 2" (50mm)	8" (200mm) 6" (150mm) 4" (100mm) 2" (50mm) 1 1/2" (40mm)	8" (200mm) 6" (150mm) 4" (100mm) 2" (50mm) 1 1/2" (40mm)
Automatic lead-in	4 directions	4 or 8 directions	8 directions	8 directions	8 directions
Cutting speed	standard: 4 ~ 80 ipm high spd:	4 ~ 80 ipm 4 ~ 160 ipm	4 ~ 160 ipm	4 ~ 160 ipm	4 ~ 160 ipm
Tracer	standard: HL-90 Linatrol high spd:	HL-90 Linatrol HL-83 Linatrol	HL-83 Linatrol	HL-83 Linatrol	HL-83 Linatrol
Power source	Single phase, AC 100V/115V, 50 Hz/60 Hz	Single phase, AC100V/115V, 50 Hz/60 Hz	Single phase, AC 100V/115V, 50 Hz/60 Hz	Single phase, AC 100V/115V, 50 Hz/60 Hz	Single phase, AC 100V/115V, 50 Hz/60 Hz
Machine weight	77 lbs (35 kg)	440 lbs (200 kg)	550 lbs (250 kg)	660 lbs (300 kg)	770 lbs (350 kg)



MACHINE DIMENSIONS in (mm)							
IK Series Model	Cutting Width A	Cutting Length B	Tracing Width C	Tracing Length D	Overall Height E	Overall Width F	Overall Length 4M 7M
IK-600C	24 (600)	24 (600)	48 (1200)	24 (600)	24 (600)		
IK-1200J	48 (1200)	120 (3000)	48 (1200)	47 1/2 (1200)	72 (1850)	115 (2915)	168 (4260) 288 (7320)
IK-1500G	60 (1500)	120 (3000)	60 (1500)	47 1/2 (1200)	72 (1850)	140 (3547)	168 (4260) 288 (7320)
IK-2000G	80 (2000)	120 (3000)	80 (2000)	48 (1200)	75 1/2 (1920)	155 (3930)	168 (4260) 288 (7320)
IK-2500G	100 (2500)	120 (3000)	80 (2000)	48 (1200)	75 1/2 (1920)	175 (4452)	168 (4260) 288 (7320)



KOIKE ARONSON, INC.

Main Office:
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Phone (585) 492-2400 or (800) 252-5232
Fax (585) 457-3517

Web Site Address:
www.koike.com

ISO 9001

BUREAU VERITAS
Certification

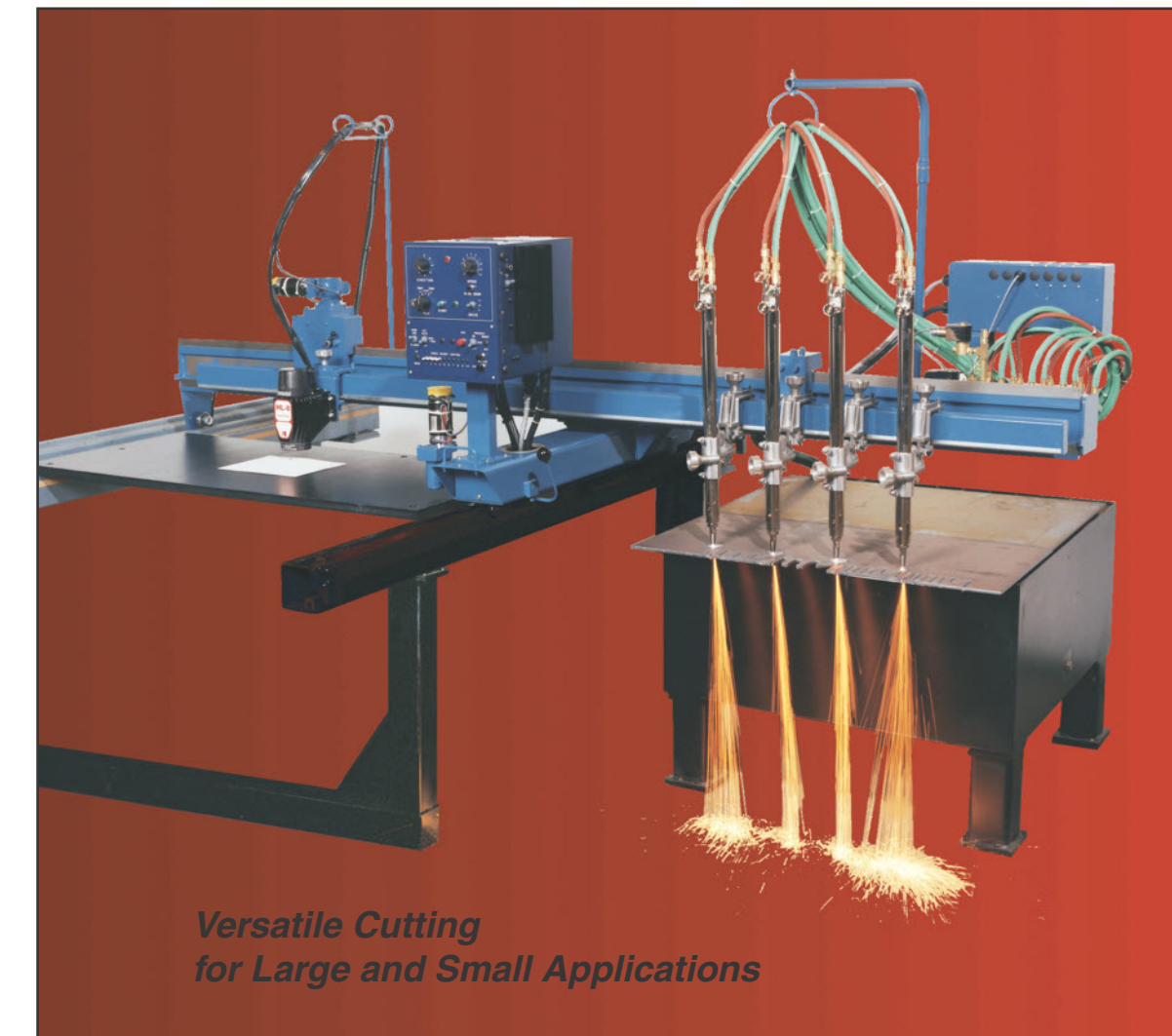
N° 209917



Sold By:

IK Series

Coordinate Drive Shape Cutting Systems



Versatile Cutting
for Large and Small Applications

MODELS

600C

1200J

1500G

2000G

2500G



KOIKE ARONSON, INC.

Coordinate Drive



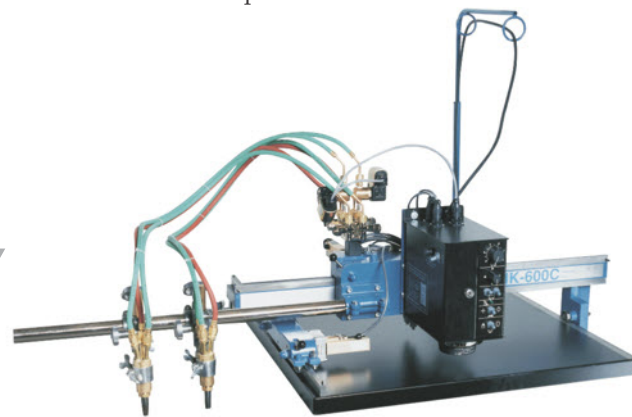
High Performance, in a Variety of Sizes

The Koike Aronson line of coordinate drive cutting systems is designed to be a reliable, cost-effective solution to your high performance cutting needs.

The coordinate drive series is built to ensure smooth, accurate performance with optical tracing, simultaneous X,Y travel, and the sharpest cutting with Koike Aronsons specially developed cutting tip.

Regardless of the job, Koike Aronson has the machine built to meet your requirements for size, speed, accuracy, and ease of operation.

Unrivalled accuracy and performance.



IK-600C
Excellent performance and accuracy in one portable unit. Comes in cutting lengths of 24" and 48".



Standard Features

- Four models available:
 - IK-600C**, HL-90 Linatrol tracing for combination portable and stationary type cutting. Cutting width 24" (600mm).
 - IK-1200J**, dual tracing systems low/medium speed gas, and medium/high speed gas and plasma cutting. Cutting width 48" (1200mm).
 - IK-1500G**, HL-8 Linatrol tracing for high performance steel plate cutting to 5" (1500mm). Cutting width 60" (1500mm).
 - IK-2000G/2500G**, HL-8 Linatrol tracing. Cutting width 80"-100" (2000-2500mm).
- Reliable, accurate cutting with coordinate X and Y drive tracing.
- Square cutting (I-shape) and straight line cutting is possible.
- Kerf compensation, automatic lead-in, and automatic off-line stop is standard on all models.
- Centrally located operating panel ensures ease of use for both cutting and tracing operations.

Individual System Features

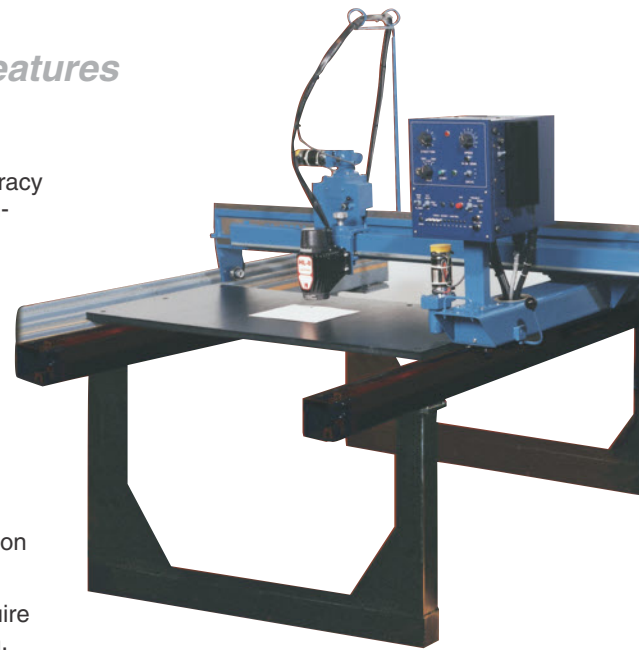
- IK-600C 4-80 ipm**
 - HL-90 tracer ensures optical accuracy and is self contained with kerf compensation, automatic lead-in, and automatic off-line stop.
 - Portable and easy to install.
 - Two cutting lengths available; 24" and 48".

IK-1200J

- 2 speeds available.
- Circle scanning tracer. Line detection converted to X and Y drive.
- Light, compact body does not require a special foundation for installation.
- Up to 4 torches maximum. Cutting thicknesses:
 - 8" (200mm) with 1 torch
 - 6" (150mm) with 2 torches
 - 4" (100mm) with 3 torches
 - 2" (50mm) with 4 torches
- IK1200J can be used for gas and (optional) plasma cutting.

IK-1500G

- Highly reliable tracing with the HL-8 tracing system. Simultaneous X,Y drawing line detection, with automatic stop ensures against defects.
- Smooth drive operation. The X and Y drive is powered by DC servo motor, friction rollers, and reduction gears.
- Up to 4 torches maximum. Cutting thicknesses:
 - 8" (200mm) with 1 torch
 - 6" (150mm) with 2 torches
 - 4" (100mm) with 3 torches
 - 2" (50mm) with 4 torches
- IK1500G can be used for gas and (optional) plasma cutting.



IK-1500G
The optimum cutting system.

IK-2000G/2500G

- HL-8 tracing with simultaneous X,Y drawing line detection. Automatic stop feature ensures against defective product.
- Smooth operation. The X and Y drive is powered by a combination DC servo motor, friction rollers and reduction gears.
- Exceptionally accurate cutting with our 100 series cutting tips. Maximum of 6 torches can be mounted. Cutting thickness capacity:
 - 8" (200mm) with 1 torch
 - 6" (150mm) with 2 torches
 - 4" (100mm) with 3 torches
 - 2" (50mm) with 4 torches
 - 1 1/2" (40mm) with 6 torches
- Lightweight, compact body. Improved workability with longer body and extra rigid rail pedestal which is resistant to distortion, vibration, heavy load, and wear.
- IK2000/2500G can be used for gas and (optional) plasma cutting.



Cutting Torch

Accessories and Options

IK-600

- 1st Oxy-Fuel Torch Station gas distributor, torch & 3 tips.
- 2nd Oxy-Fuel Torch Station torch, hoses & 3 tips.
- Torch Bar Roller Bracket for Plasma Torch.
- Torch Holder, 1 3/8", 32 pitch rack. (Required if not supplied with plasma torch.)
- Hybrid CNC Control Package and Interface.

IK-1200J (HL-83) 4-160 ipm

- 7M Rail/Pedestal Package (in place of 4M package). Increases effective cut length to 240".
- Additional Movable Tracing Table, 48 x 47 1/4".
- Manual Torch Station (4 max) machine cutting torch & 3 tips.
- Model "S" Motorized Torch lifter, per torch station. (Requires manual torch station for operation.)
- Automatic Torch Ignitor Basic, 1 per machine. Automatic Torch Ignitor Assembly, 1 per torch station.

IK-1200J (HL-90) 4-80 ipm

- 7M Rail/Pedestal Package (in place of 4M package). Increases effective cut length to 240".
- Additional Movable Tracing Table, 48 x 47 1/4".
- Manual Torch Station (4 max) machine cutting torch & 3 tips.
- Model "S" Motorized Torch lifter, 2 maximum. (Requires manual torch station for operation.)
- Water Spray Basic, 1 per machine. Water Spray Nozzle Assembly, 1 per torch station.
- Manual Torch Station & Torch Holder Plasma. (Cannot be used with Model "S" Motorized lifter.)
- Automatic Torch Ignition Basic, 1 per machine. Torch Ignitor Assembly, 1 per torch station.
- Hi-Lo Preheat Gas Control

- Water Spray Basic, 1 per machine. Water Spray Nozzle Assembly, 1 per torch station.
- Hi-Lo Preheat Gas Control
- Auto Ease-On Pierce Control Valve, 1 per machine.
- Plasma Motorized Torch Lifter Heavy Duty, 1 per machine.
- HL-83 "Command Mark" Corner Slowdown Board. (Recommended for optimum performance.)
- Hypertherm/Thermal Dynamics/ Koike Aronson Plasma Interface.
- Hybrid D9, D11 Microprocessor Control Package and Interface.
- Encoder Rack for Hybrid.

Precision Cutting with Optical Tracing

Optical tracing delivers the highest accuracy and efficiency in flame cutting systems.

HL-8 Linotrol optical tracer allows simultaneous motion along the X and Y axis so that cutting is made in a smooth manner, according to the drawing. Even if the tracer eye moves off the line, machine operation will instantly stop to ensure the most defect-free product.

The tracer slides separately along the bar, making it easily positionable for a variety of jobs from large to small. The result is low maintenance and the most efficient operation over the long run.



Motorized Torch Riser "S"

