

---

# MONOGRAPH

## *Millennium Series*



## Thermal Cutting Machine



*Machine shown with  
KAR CNC control unit*

### ***A New Standard of Cutting Built for the 21st Century***

The Monograph Millennium is the latest thermal cutting machine that joins the Millennium series family from KOIKE ARONSON INC.

Unitized design with screw-type level pads ensures quick and easy installation.  
The deep design of the table with rear exhaust allows maximum fume extraction.

The compact footprint and design allows full operator view of the cutting process.  
The KAR CNC control is easy to operate and maintain.



## MONOGRAPH Millennium Series

MACHINE SPECIFICATIONS	
Effective Cutting Area	5' X 10'
Maximum Plate Thickness	5/8 inches (production capacity 3/8 inch)
Rapid Traverse Speed	1400 IPM
Machine Height	63-3/4 inches
Machine Width	83-1/4 inches
Machine Length	191 inches
Drive	Pulse width modulation w/rack and pinion
Power	115VAC@15Amps
Air (for plasma system)	100psi
Planetary gear units	X and Y axis; 9 arc-min backlash
Approximate shipping weight	2,500 pounds

*Specifications subject to change without notice*

### Model H Lifter

- 700 inches per minute
- Ball-screw w/linear guide
- Includes IHS
- Includes Arc Voltage Control



*New Koike Aronson Inc., model H lifter*

*Heavy-duty rack and pinion drive*



*Koike KAR CNC PC Based Control*



### KAR CNC Features

- Direct DXF Conversion
- Microsoft Windows® XP Operating System
- Dual Microprocessors, One Processor dedicated to motion for true multi-tasking 1.3 GHz
- 12.1" TFT SVGA High Resolution Color Flat Panel Display
- 1.44 MB - 3 1/2 Internal Floppy Disk Drive
- 20 Gigabyte Hard Drive or larger; 256 Megabytes of Ram
- Network Card with RJ45 Connector
- RS-232 9-Pin D-Sub Connector
- USB Port
- Integrated 2 Axis 400 Watts (per axis) Pulse Width Modulated Drives
- Emergency Stop Button/Power On-Reset Switch
- Standard Shape Parts Library
- MicroCAD program for Expanding Standard Shape Library
- EIA Code Reader
- Piercing Tool
- Selectable Lead In and Lead Outs on DXF Files and Macro Shapes
- Selectable Cutting Order
- Rotate, Mirror, Copy, Zoom and Measurement Tools
- Change Compensation Side or Cutting Directions



## KOIKE ARONSON, INC.

**Main Office:**  
635 W. Main St., P.O. Box 307  
Arcade, NY 14009  
Phone (585) 492-2400 or (800) 252-5232  
Fax (585) 457-3517

**Visit us at [www.koike.com](http://www.koike.com)**

ISO 9001

BUREAU VERITAS  
Certification

N° 209917

