

PLATE-PRO[®]



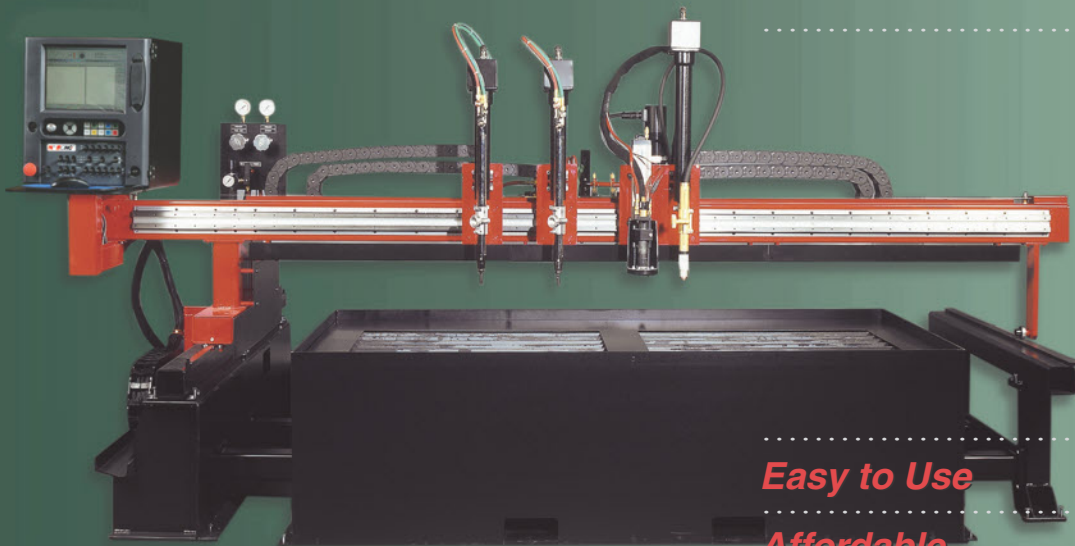
CNC Cutting Machine

MODELS

1500

2000

2500



Easy to Use

Affordable

Full Featured



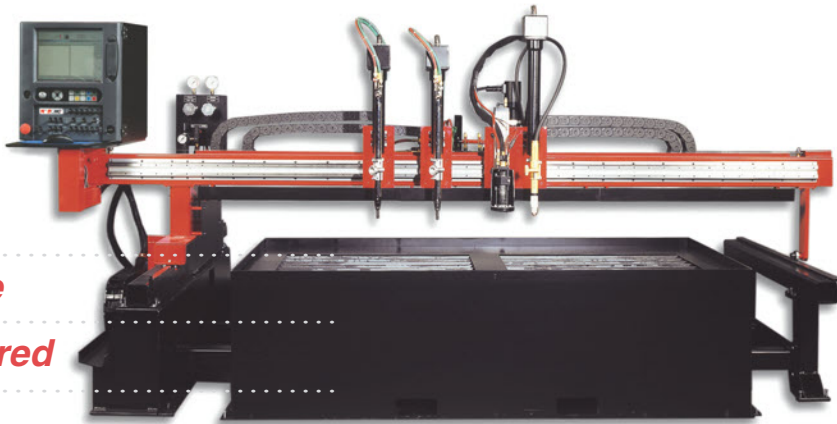
KOIKE ARONSON, INC.



CNC Cutting Machine

Affordable

Full Featured



The Koike Aronson, Inc./Ransome's Plate-Pro® is the most competitive CNC continuous plasma machine in its class. As well as being very affordable, the Plate-Pro® is full featured, easy to install, and simple to operate. CNC cutting is now practical for light to medium-duty cutting in areas with limited space.

The Plate-Pro® is a rigid rail, rapid traverse, and multi-tool station cutting system. Available in 5, 6 and 8 foot cutting widths, this system offers a standard cut length of 10 feet; 12, 20 and 24 feet are optional to meet high production cutting needs. Utilizing a rigid beam and pedestal mounted rail system, the Plate-Pro® provides tight "point-in-space" movement accuracy to maintain critical cutting precision at the Plate-Pro's® high 800 IPM traverse speeds.

Offering up to four tool stations, the Plate-Pro® can be outfitted with single 200 amp or dual 100 amp plasma cutting systems, up to three oxy-fuel cutting stations, or a combination of oxy-fuel, plasma, and plasma marking systems.

Designed to use the new KAR CNCX control, the Plate-Pro® offers a standard built-in shape library and quick loading of "post-processed" nested cutting files through the standard internal disk drive, RS232 communication port or networking. DXF files are directly loaded.

Features

- Koike KAR CNCX
- Smooth Servo Drive Motors on all axes
- Precision Planetary Gearboxes
- Rack and Pinion Drive on both axes
- 800 inch per minute Rapid Traverse Speed
- Smooth Long Life Linear Round Way on Cross Axis
- Rigid Fabricated Rail System
- Power Track Cable Control Systems On All Axes
- Multi-Process Capability

Options

- 5, 6 & 8 feet of Cut Width
- 10, 12, 20 & 24 feet of Cut Length
- Hi-Lo Oxy-Fuel Gas System
- Auto-Ease-On
- Automatic Oxy-Fuel Ignition
- Water Spray for Oxy-Fuel Torch Stations
- Single Plasma System up to 200amps
- Dual Plasma Systems up to 100amps Each
- Air Scribe Plate Marking System
- Plasma ArcWriter Plate Marking System
- Medium Duty Dwindraft Tables 2" Max. Capacity

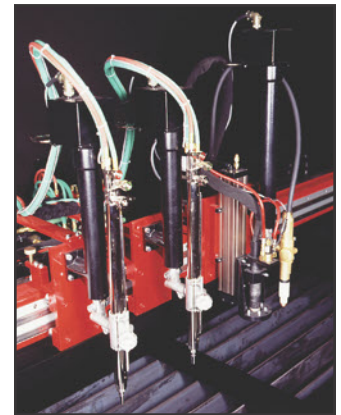
Full Featured Performance



Koike's state-of-the-art KAR CNCX control system has very generous features for a cutting machine of this size.

Operational Features

- Floppy Disk Drive standard
- Built-In Shape Library
 - Direct front panel selection
 - Selectable automatic lead-in/lead-out dimensions
- Inch/Metric operation selectable
- Return to pierce point or start position (home)
- Extensive built-in diagnostics and calibration
- Selectable cutting order
- Direct DXF conversion
- Selectable kerf compensation
- Program scaling
- Create / Edit program (MDI front panel)
- Automatic plate alignment
- Program mirror imaging (x/y axis mirror)
- Program rotation
- RS-232 serial communications
- 12. ITFT flat panel display
- MicroCAD - expands standard shape library
- Network card with RJ45 connector
- USB port for memory stick



Designed to hold up to four tool stations, Koike Aronsons Plate-Pro® can be outfitted with several cutting and marking combinations.



The rigid beam and pedestal mounted rail system provides tight point in space movement accuracy for precision cutting while the servomotors provide accurate, smooth, stable operation on all axes.

The Cost-Effective Choice for CNC Cutting



