

PNC-12 EXTREME

Portable CNC Cutting Machine



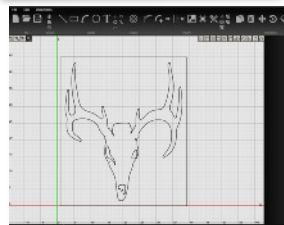
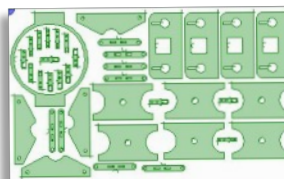
The PNC-12 EXTREME is a whole new innovative cutting solution developed with KOIKE's highest standards. It is the perfect machine to enter the world of CNC cutting.

Based on demands from the market for a simple, economical, and versatile CNC cutting machine, KOIKE designed a machine that is portable, operated by CNC, and suitable for both plasma and oxy-fuel cutting.

Due to its compact size and portability, installation of the machine is easier than ever. Assembly and setup of all components, such as machine body, rail, and cross bar do not require any special measuring tools. Prior to shipping, the PNC-12 EXTREME is pre-adjusted at our factory. Once you are ready, simply slide all components together and connect cables.

Your choice of artistic or fabrication oriented software is included and contains:

- Complete CAD drawing package with shape library
- Automatic CAD file correction and error notification.
- Fast manual nesting with automatic lead in and lead-out
- Built-in process expertise
- 24 hour phone support



Features & Benefits

- **Plasma Cutting Ready**
Cut non-ferrous and thin material by adding on a plasma system up to 125 AMPS.
- **Cutting Thickness**
Can cut Maximum of 4 in.
- **CNC Controller**
Computer controlled technology allows unlimited shape cutting using 45 pre-programmed patterns or use of NC code.
- **Performs Various Cuts**
including straight lines, circles, programmed shapes, artwork and straight beveling.
- **Light weight**
Can be moved and used just about anywhere inside or in the field.
- **Electric Clutch X and Y**
Position machine body and torch; quickly before and after a cut.
- **Oxy-Fuel Cutting**
Limited lifetime torch warranty. Programmable piercing sequence prevents tip damage.
- **Plasma Cutting Package**
Includes initial torch height sensor, arc voltage height control, and torch break away.

Part#	Software
0868659755	Flashcut software for PNC series (Standard series)
0868659756	Flashcut software for PNC series Pro version (Artistic Package)
0868659749	NestMaster software for PNC series



KOIKE ARONSON, INC. / RANSOME

Models	
Part #	Description
1111066002	4x4 ft cut area (110v)
1111066004	4x8 ft cut area (110v)
1111066006	5x10 ft cut area (110v)
1111066003	4x4 ft cut area (220v)
1111066005	4x8 ft cut area (220v)
1111066007	5x10 ft cut area (220v)
Downdraft Tables	
1118019404	4x4 ft Goliath table (3 inch capacity)
1118019408	4x8 ft Goliath table (3 inch capacity)
1118019510	5x10 ft Goliath table (3 inch capacity)
Water Tables	
1118029404	4x4 ft Water table (1 inch capacity)
1118029408	4x8 ft Water table (1 inch capacity)
1118029510	5x10 ft Water table (1 inch capacity)

OPTIONAL EQUIPMENT	
Part #	Description
Contact your local Sales Rep.	Free generic table drawing package
T8900124701	1-3/4" torch clamp (For use with Powermax 125)
0818326456	Hypertherm® interface cable
T89001310	4' (1.5M) Y Axis rail
T89001242	8' (2.5M) Y Axis rail
T89001319	10' (3.0M) Y Axis rail* *See Effective Cutting Length below



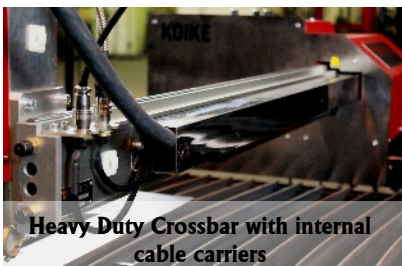
Rack and Pinion Drive



Breakaway Torch Collision Control

PNC-12 EXTREME SPECIFICATIONS

MACHINE BODY	
Effective Cutting Width	48 or 60" (1,250 or 1500 mm)
Effective Cutting Length	48, 96 or 118" (1,250 or 2,500 3,000 mm)
Rapid Speed	190 in/mi (4,825 mm/min)
Cutting Speed	3-190 in/min (100-4,826 mm/min)
Supply Voltage	Single phase, 110 V or 230 V
Heat Shield Plate	Provided at side of the machine and torch holder
Electric Clutch	Quick release of X and Y drive
GAS CUTTING	
Gas Cutting Torch	1 set with motorized torch riser
Cutting Tip	3 seat KOIKE 100 Series Tip
Cutting Thickness	Max. 4 in (5 - 100 mm)



Heavy-Duty Crossbar with internal cable carriers

PLASMA CUTTING	
Torch Holder	1 set with motorized torch riser/ diameter 1-3/8 in (35 mm) Optional 1-3/4" (44mm) available
Available Plasma System	Air plasma system (Non high frequency)
Plasma Cable Holder	Internal type plasma cable holder
Height Control	Digital Arc Voltage Control
CNC	
Operation Panel	7 in Color LCD
Language	English, Spanish, Portuguese, and more
Program Input	Manual Data Input or by USB stick (up to 8 GB)
Drive	X and Y, 2 axes control
Coordinate Range	Max. 99,999.999 mm
Program Format	EIA Format
Shape Library	45 patterns
Operation Function	Trial run, Reverse, Plate Alignment, Mirror, Array, Border Outline



JQA-2093

Koike Techno Center Products

Koike Aronson Inc.
P.O. Box 307, Arcade, New York 14009
Phone (585) 492-2400 Fax (585) 457-3517
www.koike.com

ISO 9001:2008
BUREAU VERITAS
Certification



PNC-12 EXTREME 09/16 KENG