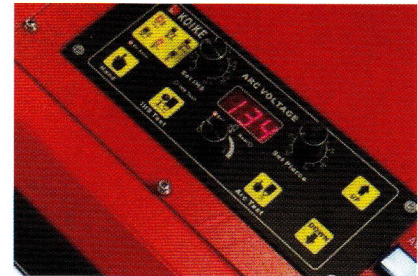
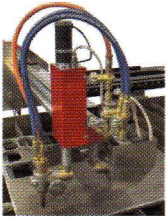


## ■ Flexibility to your cutting needs

The PNC-12 EXTREME is a compact economical solution for oxy-fuel and plasma cutting and comes in three different sizes. Initial torch Height Sensor (IHS) and Arc Voltage height Control (AVC) is available as an option.



Oxy-Fuel cutting or Plasma cutting capabilities. (Cannot be used together)

D 420 controller includes a 47 shapes library and a simple to use interface.

Torch height control is available as an option.

## ■ Machine Specifications

Model	PNC-12 EXTREME			
Machine body	Type	1000	1250	1500
	Transverse bar length	1,900mm	2,150mm	2,400mm
	Effective cutting width	1,000mm	1,250mm	1,500mm
	Longitudinal rail length	2,000mm, 3,000mm, 3,500mm selectable		
	Effective cutting length	1,500mm, 2,500mm, 3,000mm selectable		
	Rapid speed	3,000mm/min		
	Cutting speed	100mm/min - 2,000mm/min		
	Supply voltage	Single phase, 110V or 220/230V selectable by internal switch		
	Heat shield plate	Provided at side of the machine and the torch motor		
Oxy-fuel cutting	Oxy-fuel cutting torch	1 set with motorized torch riser		
	Cutting tip	3 seats KOIKE 100 series tip		
	Cutting thickness	Max. cutting thickness is subject to cutting tip size.		
Plasma cutting	Torch holder	1 set with motorized torch riser and torch break away mechanism / Diameter		
	Available plasma system	Non high frequency arc start type plasma system		
	Plasma cable hold	Transverse bar hold type		
	Torch height control (Optional) *1	Initial height sensing / Arc voltage torch height control		
CNC	Model of CNC	KOIKE D420		
	Operation panel	7 inch color LCD graphic display and key pad		
	Language	English, Japanese, Chinese, French, Spanish, Portuguese, Russian, Korean, Dutch		
	Program input	Manual MDI or by USB stick (up to 16GB)		
	Control axis	X / Y 2 axes control		
	Coordinate range	Max. +/- 99,999.999mm		
	Program format	EA format		
	Shape library	47 patterns		
	Operation function	Dry run, Reverse, Plate alignment, Mirror, and much more		
CAD/CAM	Model	PNC-CAM [KAP Portable CNC editions : KAP Jr.]		

\*1 Initial torch Height Sensor (IHS) and Arc Voltage height Control (AVC) is available as option.

\*\* Plasma cutting system is not included

\*\* Fume collecting system is not included.

\*\* The Rail of PNC-12 EXTREME is not compatible with the rail of PNC-10 Elite.

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