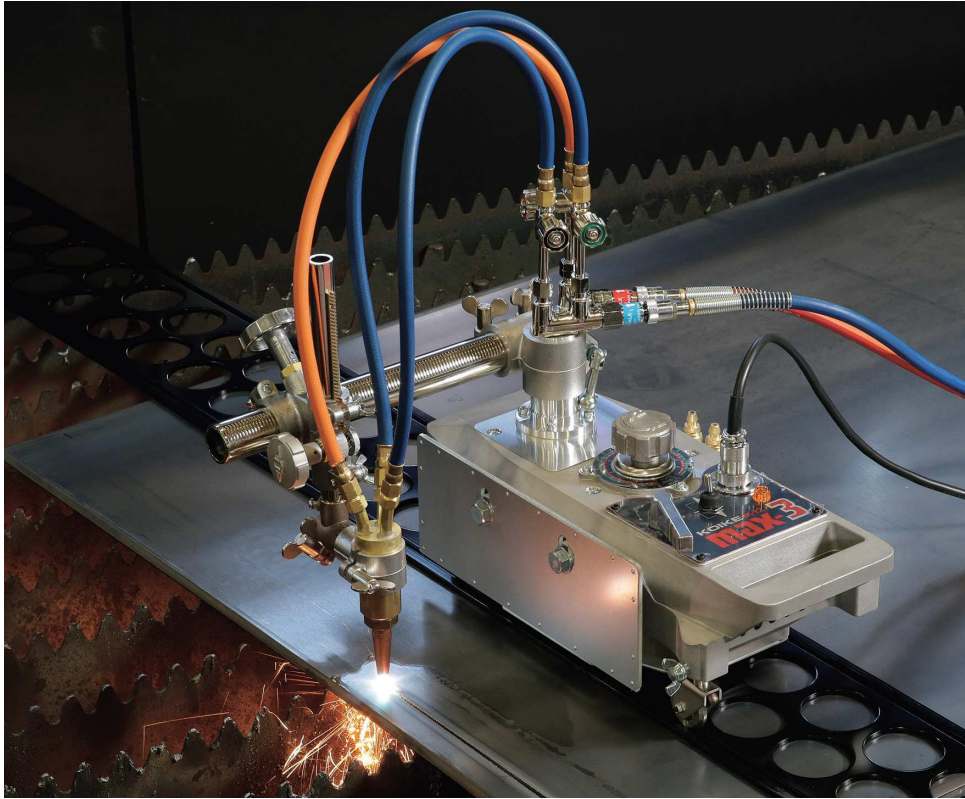


# IK-12 max3



## Overview

IK-12 max3 is a semi-automatic cutting machine, which can be used not only for gas cutting, but also for plasma cutting and welding. A large selection of accessories are available to be used combined to the main components (main body, torch set and rail) according to the application.

Our double cone stepless transmission system provides a stable rotational speed range, avoiding problems due to heating and unstable voltage. Machine also has a high thermal insulation performance due to the use of heat-resistant grease and Teflon wiring.

S-type is a mechanism for switching between the low speed and high speed. The running speed covers from 80 to 2400mm/min (50Hz), and from 100 to 3000mm / min (60Hz).

## Feature

- Excellent operability and high versatile in every field, it's the KOIKE's portable bestselling.
- Excellent traction and gravity center balance provides stable operation.
- Lower body and heat insulating plate installed at machine cutting side provides high heat resistance.
- Longer lifetime due the Double Cone Stepless System.
- Oxy-fuel and Plasma cutting, and also Welding is available.

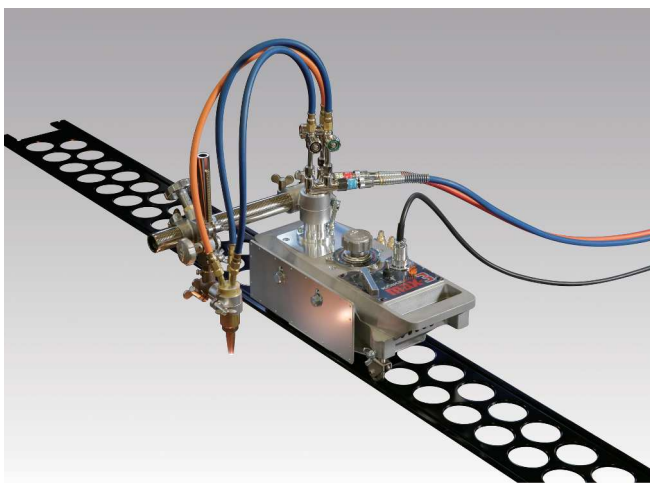
### Main Components and Accessories

- Cutting Machine Body [IK-12 max3]
- Power Cable (5M)
- Instruction Manual
- Tip Support

## IK-12 max3 - Main Specification

Cutting Thickness		According to the torch set
Traveling Speed	Standard Type	
	ML Type	
	S Type	Low Speed
		High Speed
Transmission System		Double Cone Stepless System
Motor		Condenser type Induction Motor 9/10W (50/60Hz)
Power Supply		Various voltage type is available
Length		430mm
Wheel Width		160mm
Weight		11kg (only main body)
Max. Loading Weight		50kg

※ Please, select the suitable torch set in the next page.



### max Straight Rail

Straight rail for using in IK-12 max3 series, and the IK-12 Beetle.  
Rail length is 1.8m, but by continuous use, it is also possible to perform a longer straight cut. Using material with hardly bends and excellent durability.

[ Applicable Model ] IK-12 max3 Series / IK-12 Beetle



### max Circle Rail

Rail for cutting of circular shape with K-12 max3.  
It is possible to cut circle with Inside of  $\phi 40-360\text{mm}$ , and Outside of  $\phi 770-1150\text{mm}$  ( $\phi 360-770\text{mm}$  can not be cut)

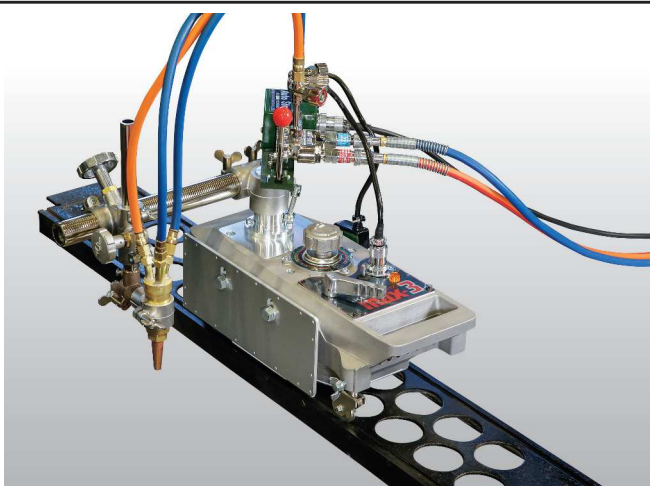
[ Applicable Model ] IK-12 max3 Series



### Pipe Arm 500/1000/2500mm

Pipe arm for supporting of the torch holder for IK-12 max3.  
The pipe arm for single torch set contains 350mm, and for two torch set contains 500mm. 1000mm and 2500mm will be only available in stand-alone. Please choose it depending on the application.

[ Applicable Model ] IK-12 max3 Series



### max EPOCH Rail

If the application require the uses of EPOCH Thick Material Cutting Set in the IK-12 max3, the EPOCH rail is necessary. This is a elevated structure rail for prevention of the heat radiation during the cutting of thick materials. It is more effective in combination with the insulation plate for the EPOCH Thick Material Cutting Set.

[ Applicable Model ] IK-12 max3 Series



### Stand

Stand for the supporting of pipe arm for IK-12 max3 and IK-78.  
Please select the proper length of stand depending on the torch set, cutting set and work condition.

[ Applicable Model ] IK-12 max3 Series