



# IK-12 BEETLE

## Portable Oxy-fuel Cutting Machine

### Features and Benefits

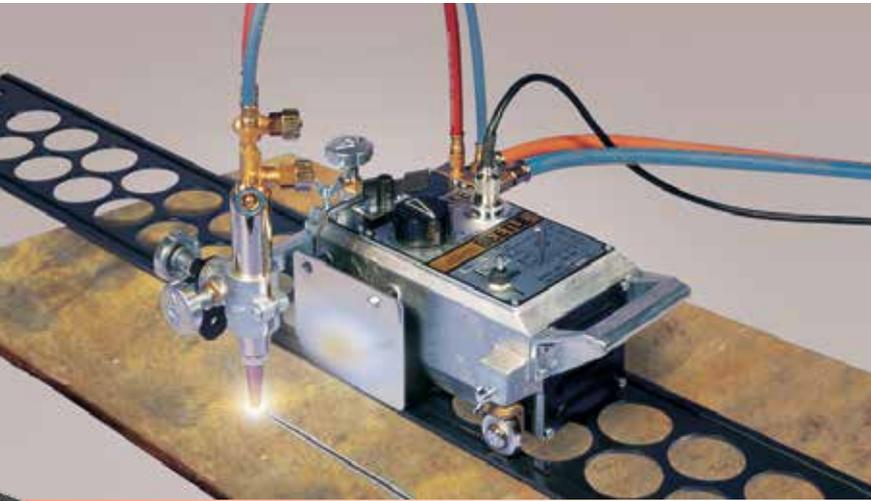
- **Multiple use oxy-fuel machine**  
Performs high quality straight, circle and bevel cuts. Single model includes 1 torch and 3 cutting nozzles.
- **Single Cone Stepless Drive System**  
Maintains constant travel speed even with high temperatures providing stable, trouble-free cutting.
- **Lightweight aluminium body**  
At only 9.5 kg, easy to carry and use. Built robust to be a true workhorse.
- **Simple operation**  
All functions are controlled by forward / off / reverse switch, clutch lever and speed adjustment knob.
- **Extendable 1800 mm straight rail**  
Cut longer parts.

### High quality cuts with simple operation

#### Single Cone Stepless Drive System

Single Cone Stepless Mechanical Drive System equipped on the IK-12 Beetle guarantees a constant and stable movement of the machine, providing sharp, clean cuts. The travel functions (forwards, backwards, stop) are activated only by one operation element. The clutch control assures a trouble-free positioning of the machine. Bevel cutting is achieved by simply adjusting the torch holder at the bottom edge of the plate. A gear rack / bevel drive ensures a precise positioning of the machine torch (Y - and Z-axis).

# Cutting Machines



The IK-12 Beetle is an affordable, portable, oxy-fuel cutting machine. It is known around the world as one of the best portable cutting machines in the industry.

## Optional accessories

Accessory	Stock #	Description
IK-12 Standard rail 1800 mm	30400	Extendable straight rail
Circle cutting attachment (Beetle)	31858	Cutting diameter: Ø 50 - 2400 mm
Transformer AC230V - 42V	222.002.207	For 42V models
Transformer AC230V - 110V	90100	For 110V models

## Specification

	IK-12 Beetle
Cutting thickness	5 - 50 mm
Cutting speed	150 - 800 mm/min
Bevel angle	0 - 45°
Drive system	Single Cone Stepless Drive System
Motor	Induction motor
Input power	AC 220V / 42V
Dimension	L350 x W175 x H140 mm
Weight	9.5 kg

## Types

Model	Stock #
IK-12 Beetle 220V	TBCA31005
IK-12 Beetle 42V	90022

## Scope of delivery

Machine body with torch set
Cutting nozzles (102HC or 106HC, size #0, 1, 2)
Power cable
Standard tool set
Operation manual

# CNC cutting machines



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KOIKE France S.A.R.L.  
ZAC de la Vallee de L'aunelle  
RN Cellules C1 à C4  
59144 Wargnies-Le-Grand  
Office: +33 327304343

### GERMANY

KOIKE EUROPE B.V. Germany Branch Office  
Im Löchel 2  
35423 Lich-Eberstadt  
Office: +49 6004916930

### ITALY

KOIKE ITALIA Srl  
Via Papa Giovanni XXIII, n 45  
20053 - Rodano (Milano)  
Office: +39 0295328717

### UAE

KOIKE MIDDLE EAST FZE  
SAIF Zone Sharjah - UAE  
P.O. Box 122978  
Office: +971 561177615

### THE NETHERLANDS

KOIKE EUROPE B.V.  
Grote Tocht 19  
1507 CG Zaandam

T +31 (0)75 612 72 27  
F +31 (0)75 612 34 61

[info@koike-europe.com](mailto:info@koike-europe.com)  
[www.koike-europe.com](http://www.koike-europe.com)