

IK-12 BEETLE

Portable Oxy-fuel Cutting Machine

Features and Benefits

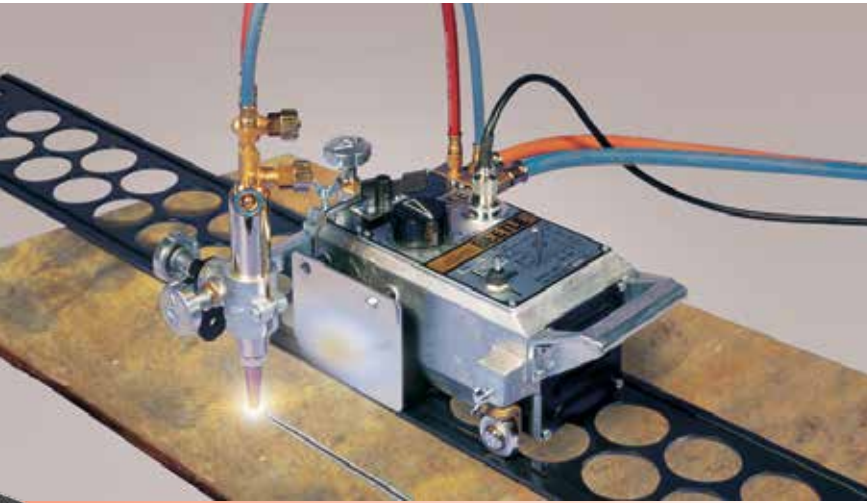
- **Multiple use oxy-fuel machine**
Performs high quality straight, circle and bevel cuts. Single model includes 1 torch and 3 cutting nozzles.
- **Single Cone Stepless Drive System**
Maintains constant travel speed even with high temperatures providing stable, trouble-free cutting.
- **Lightweight aluminium 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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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
www.koike-europe.com