



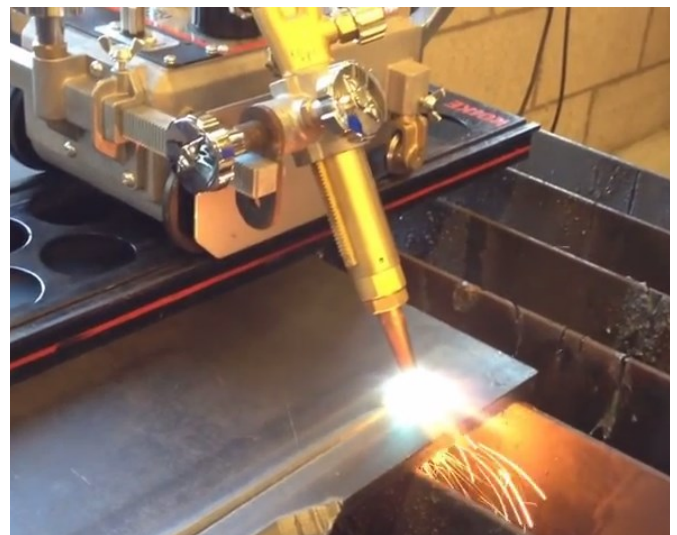
# IK-12 BEETLE

## 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 yet rugged enough 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

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.

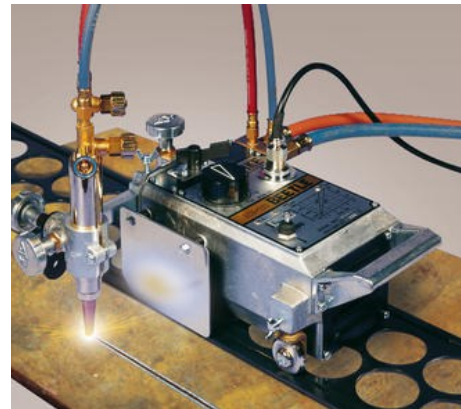


# High quality cuts with simple operation

## Single Cone Stepless Drive System

The Single Cone Stepless Drive System equipped on **IK-12 Beetle** guarantees a constant and stable movement of the machine, providing a 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).



## Accessories

### 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



Circle cutting attachment

## Type and Specification

### 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	Condenser-induction
Input power	AC 220V / 110V / 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
IK-12 Beetle 110V	90021

### Scope of delivery

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



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