

KOBEWEL® JAPAN



1. Optimized design layout, high frequency inverter, high duty cycle, low energy consumption.
2. Compact in volume, lighter in weight, easy to carry, especially suitable for outdoor movable operation.
3. Comparing with flare cutting machine by using cheap compressed air as cutting gas source, KOBEWEL cutting machine has advantages as low cost and high speed.
4. Comparing with conventional cutting machine, high arcing success rate, high arc voltage, concentrated energy, strong cutting capacity, high cutting speed, narrow cutting gap, smooth cutting surface, small distortion, etc.
5. Metal plates with different thicknesses can be curve cut into any shape.
6. Digital electric current display, continuous, adjustable and exact cutting current.
7. Over heat, over current, over voltage, under voltage, etc protective electric circuit built-in, safety operation.

Specification

Model:	CUT 40
Input voltage:	220 ± 10%
Phase:	1
Rated Frequency:	50/60
Rated Output Current:	40A
Rated Duty Cycle:	60%
Recommended Capacity:	6mm quality cut 10mm severance cut
Dimension L x W x H (mm):	370 x 155 x 250
Weight:	9kg

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Compact Design

* Compact, Light Size by New IGBT and New design of the case

Excellent Cutting Performance

* Sharp and fine cutting without dross
 * Stable cutting capacity
 * Easy and economic cutting for all metals

Cutting Thickness (Carbon Steel)

* Cut-70 - 20mm quality cut
 - 25mm severance cut
 * Cut-120 - 25mm quality cut
 - 30mm severance cut

Purpose

* Cutting for the Mild Steel, Stainless Steel, Aluminium, Carbon Steel, Brass, Silver, Copper, Zirconium-Alloy Steel, Nickel-Alloy Steel-etc.

Standard Specifications

DESCRIPTION	UNIT	70AP	120AP
Rated Input Voltage	V	340/415,3Ø	380/415,3Ø
Rated Input Power	KW	7.6	12
Rated Output Current	A	70	120
Rated Duty Cycle	%	60	60
Output Current	A	20~70	20~120
Rated Load Voltage	V	120	140
Rated No Load Voltage	V	265	290
Dimension (WxDxH)	mm	270 x 430 x 430	350 x 600 x 500
Weight	Kg	26	50