

KHC-600D

Pipe Hole Cutting Machine

Features and Benefits

- **Automatic oxy-fuel pipe cutter**
Automatically bevel cuts or straight cuts holes into pipe
- **Infinite rotational gas manifold**
Tangle-free gas manifold eliminates tension to the torch during cutting, ensuring accurate, sharp & clean cuts.
- **H-lever handle**
Torch height is automatically maintained to work distance based on trigonometry function of H-lever; very easy setup with just two adjustments
- **On/Off drive clutch**
- **Flat plate circle cutting**
Can be used for circle cutting on flat plate

KHC-600D is ideally suited for cutting high precision T-joint circles including any hole that crosses the side of the pipe for piping systems, high pressure vessels and heat exchangers. Developed with Koike Advanced Technology, the **KHC-600D** is a compact design that is light weight and easy to operate.

In addition to cutting circles and bevel in flat plate, the machine can cut a vessel from the inside or outside.



T-Joint pipe hole cutting

High quality cuts with easy operation

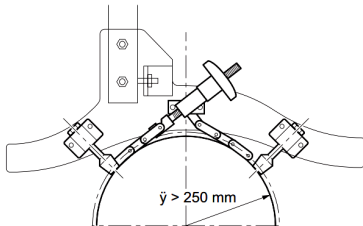
The **KHC-600D** increases quality and productivity of T-joint pipe hole cutting. Cutting nozzle to work distance is automatically maintained mechanically without cutting nozzle touching the plate. Very easy to setup with just two adjustments.

Also, rotating gas manifold with slip coupling is used on the main gas connection, keeping hoses from becoming tangled during operation.

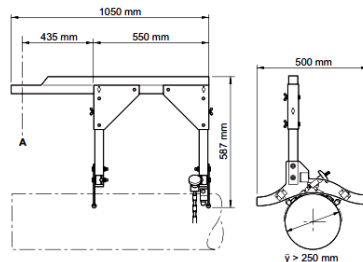
Accessories

Optional accessories

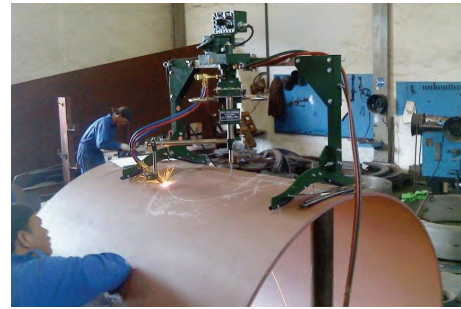
Accessory	Stock #	Description
Small diameter pipe fixture	90123	Fixture to small diameter pipes
Overhang cutting fixture	90125	Enables hole cutting near the end of pipe
Transformer AC230V - 42V	222.002.207	For 42V models
Transformer AC230V - 110V	90100	For 110V models



Small diameter pipe fixture



Overhang cutting fixture



Type and Specification

Specification

	KHC-600D
Cutting thickness	5 -50 mm
Torch rotation speed	0.12 ~ 1.2 rpm
Cutting diameter	Ø 80 ~ 600 mm
Torch up/down stroke	0 ~ 100 mm
Torch revolving radius	r 40 ~ 300 mm
Bevel angle	0 ~ 45°
Speed control	Control with dial operation
Pipe ratio branch : main	1:2 and above
Input power	AC 115V / AC 42V
Dimension	L1050 x W500 x H760 mm
Weight	26 kg (incl. support leg)

Types

Model	Stock #
KHC-600D 42V	90122
KHC-600D 110V	90121

Scope of delivery

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



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