

KHC-6000

Pipe Hole Cutting Machine

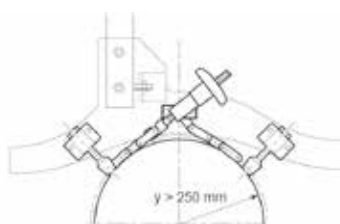
Features and Benefits

- **Automatic oxy-fuel pipe cutter**
Automatically bevel cuts or straight cuts holes into pipe.
- **Infinite rotational gas manifold**
Tangle-free, infinite rotation 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**
Worm gear with low transmission ratio.
- **Flat plate circle cutting**
Can be used for circle cutting on flat plate.

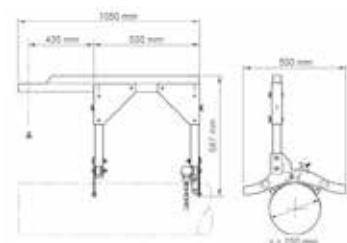
T-Joint pipe hole cutting

High quality cuts with easy operation

The distance between the cutting nozzle and the plate is automatically, mechanically maintained, ensuring high quality cuts. Very easy to setup with just two adjustments. Also, an infinite rotation gas manifold with slip coupling is used on the main gas connection, keeping hoses from becoming tangled during operation.



Small diameter pipe fixture



Overhang cutting fixture

Cutting Machines



The 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 holes in vessels from the inside or outside.

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

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 42V
Dimension	L1050 x W500 x H760 mm
Weight	26 kg (incl. support leg)

Types

Model	Stock #
KHC-600D 42V	90122

Scope of delivery

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