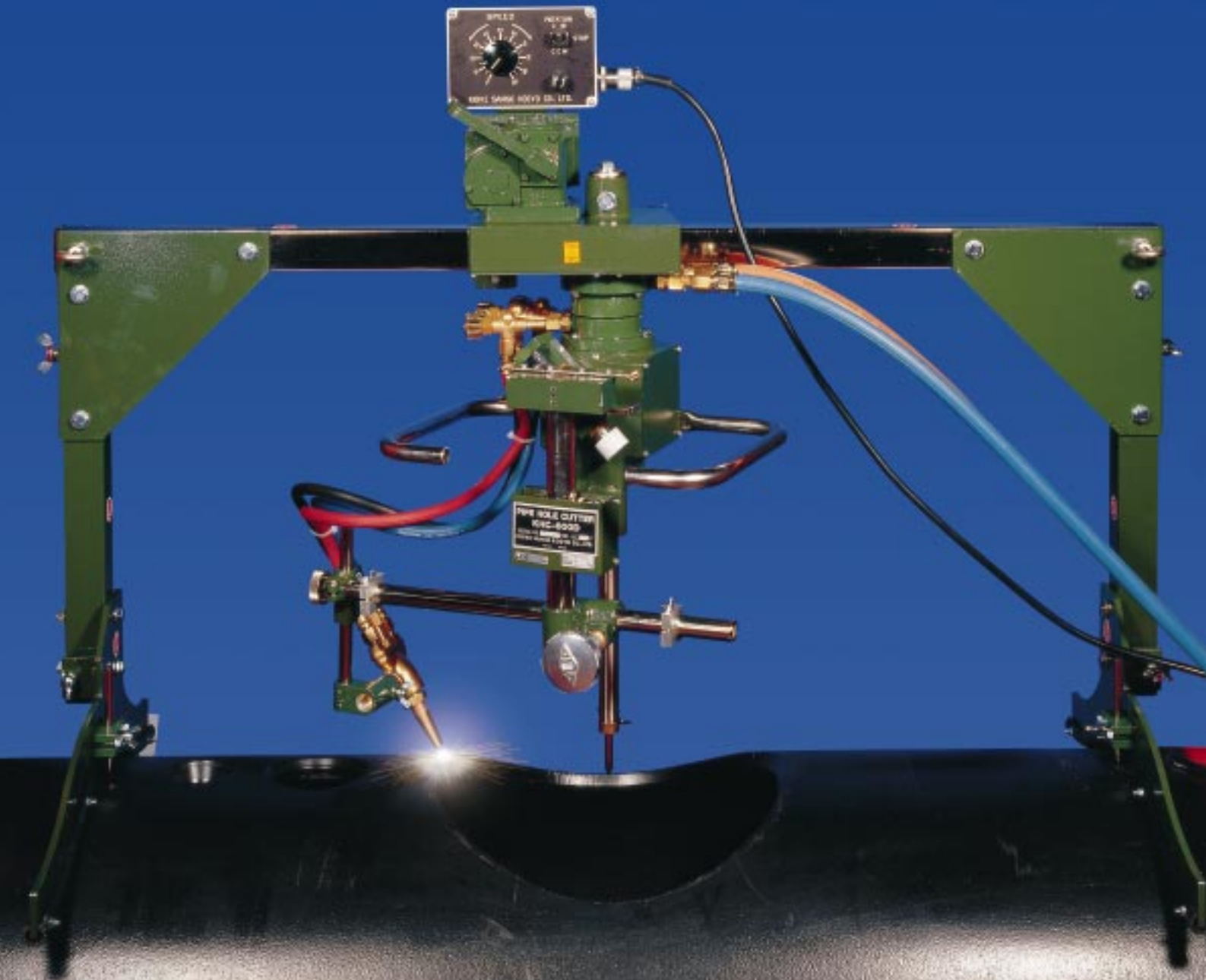


KHC-600D

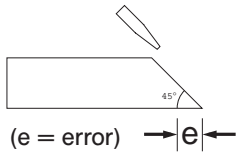
PORTABLE AUTOMATIC PIPE HOLE CUTTING MACHINE



A unique machine developed through Koike Advanced Technology and world wide experience. The KHC-600D features compact design, light weight and operating ease. Its main use is for high precision cutting of T-joint circles. Holes which cross the side of the pipe for piping systems, high pressure vessels and heat exchangers. KHC-600D can cut a vessel from the inside or outside. The KHC-600D user bonus is its ability to cut circles and bevel in flat plate.

Features

- Use of the height lever ensures easy setting the tip height.
- The clutch mechanism facilitates tip positioning.
- The up/down interlock device employs a trigonometrical function generating mechanism to ensure higher bevel accuracy than conventional crank mechanism.



Example: Bevel: 45°
 Branche pipe diameter/
 main pipe diameter = 1/3
 KHC-600D Other company
 e = 0,9 mm e = 5,0 mm

- Use of rotary gas distribution prevents hose from becoming tangled.
- Circular cutting on plate is also possible.
- Excellent portability is guaranteed by compact design and light weight.



Control panel

Clutch

Main specifications

Effective cutting diameter	Ø 80~Ø 600 mm (3-1/8~23")
Vertical torch stroke	0~100 mm (0~4")
Cutting thickness	5~30 mm (1/4~1-1/4")
Cutting speed	0,12~1,2 rpm
Bevel angle	0°~45°
Ratio between branch and main pipe diameters	1:2 or more
Main pipe diameter	800 mm or more (for standard stand)
Motor	15W, 5.000 rpm DC shunt motor
Speed control	SCR control
Machine dimensions	760 mm (high) x 1.050 mm (long) x 500 mm (wide) (30x41x19")
Weight	26 kg (57,2 lbs)

Rotary gas distribution

Slide rod

Handle



Options

- Small-diameter pipe fixture
 This is to assist the function of the standard stand to firmly hold pipes with the a diameter from 250 to 800 mm.
- Stand for Overhanging Workpiece
 This stand holds workpieces on one end when cutting the pipe close to the end position.



Total system supplier of welding and cutting **KOIKE INTERNATIONAL GROUP**

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Specifications shown herein are subject to change without notice