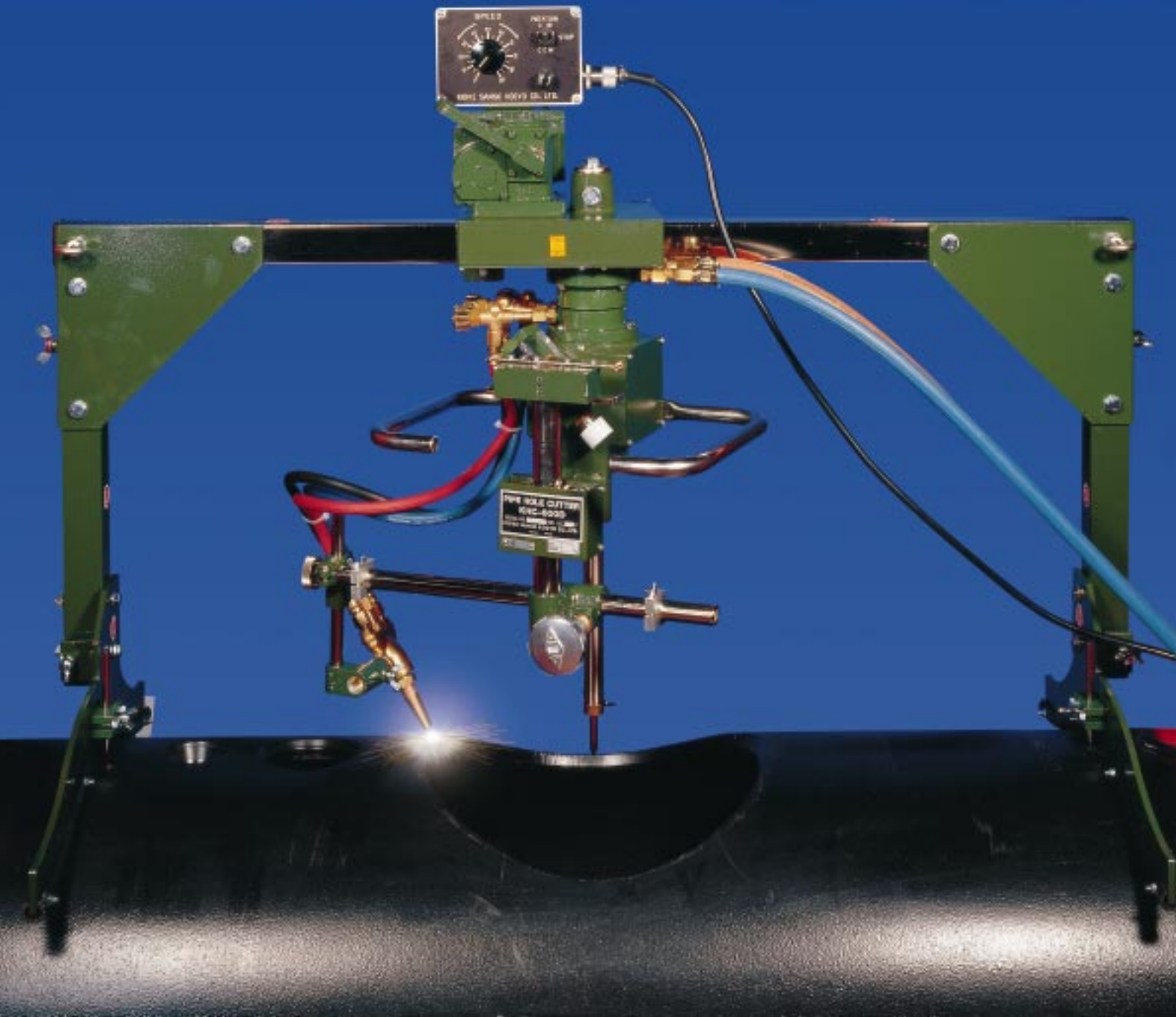


# KHC-600D

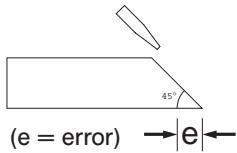
PORTABLE AUTOMATIC PIPE HOLE CUTTING MACHINE



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.

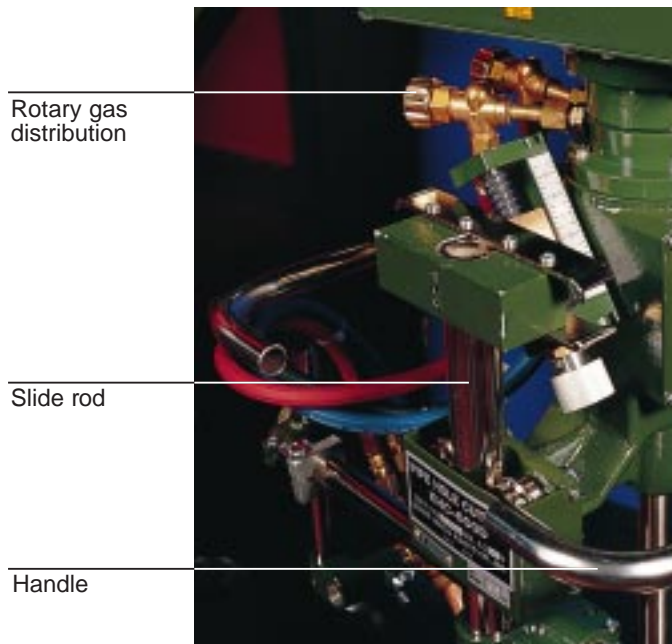
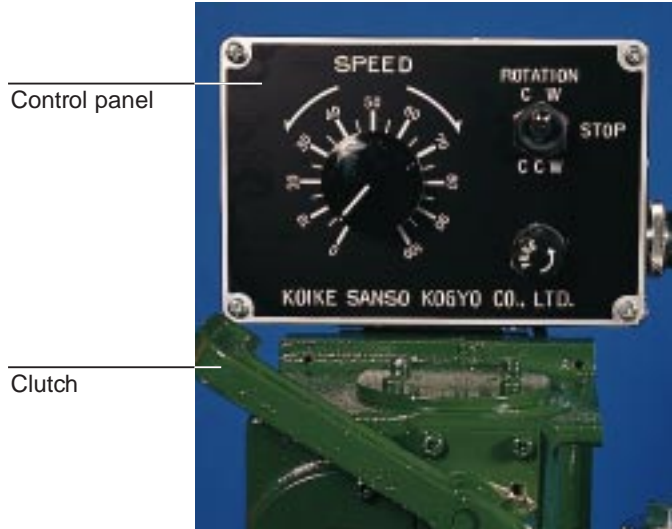


Example: Bevel: 45°  
 Branche pipe diameter/  
 main pipe diameter = 1/3  
 KHC-600D      Other company  
 e = 0.9 mm      e = 5.0 mm

- 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.

**Main specifications**

Effective cutting diameter	3-1/8—23" (Ø 80-Ø 600 mm)
Vertical torch stroke	0-4" (0-100 mm)
Cutting thickness	1/4—1-1/4" (5-30 mm)
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	31.5" (800 mm) or more (for standard stand)
Motor	15W, 5,000 rpm DC shunt motor
Speed control	SCR control
Machine dimensions	30" (high) x 41" (long) x 19" (wide) (760x1,050x500mm)
Weight	57.2 lbs (26 kg)



**Options**

- Small-diameter pipe fixture  
 This is to assist the function of the standard stand to firmly hold pipes with the a diameter from 10" to 31.5" (250 to 800 mm.)
- Stand for Overhanging Workpiece  
 This stand holds workpieces on one end when cutting the pipe close to the end position.



www.koike.com

Main Office:

**KOIKE ARONSON, INC.**

635 West Main Street  
 Arcade, NY14009  
 Phone: 585-492-2400  
 Fax: 585-457-3517

Southern Regional Office:

**KOIKE ARONSON, INC. / RANSOME**

1285 North Post Oak, Suite 150  
 Houston, TX 77055  
 Phone: 713-682-9645  
 Fax: 713-957-4852