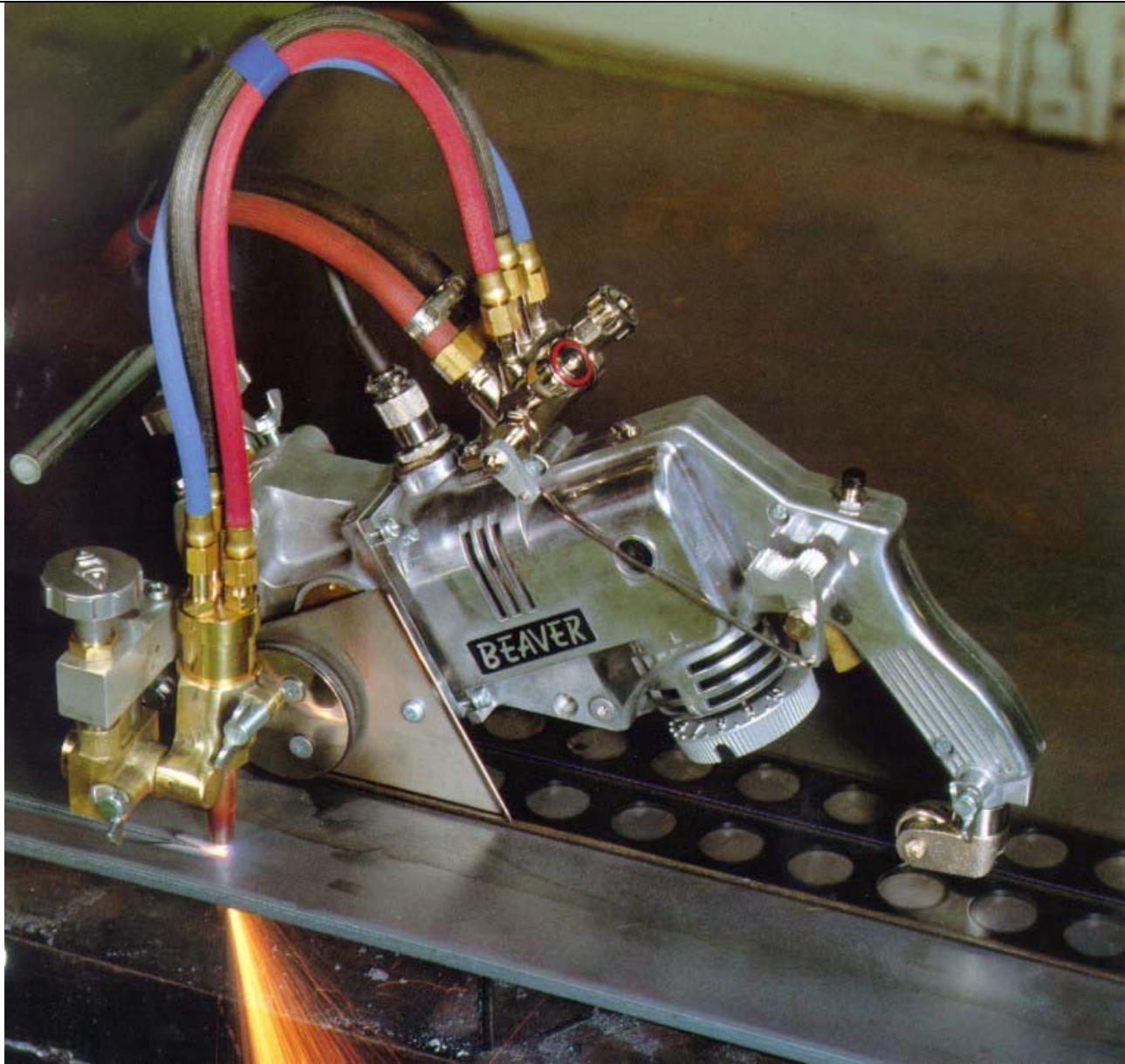


# HANDY AUTOMATIC GAS CUTTING MACHINE

# BEAVER



The BEAVER is a portable automatic gas-cutting machine of a unique structure; it provides two different functions, running stability of straight-line cutting and tracing accuracy of curved line cutting.

Additionally, with an optional auto-stop function, the operator does not need to watch the rail ending point, as the auto-stop function stops the running operation and gas supply at the rail end. Try our BEAVER and discovers its stability and easy operation.

## HANDY AUTOMATIC GAS CUTTING MACHINE BEAVER

### Best cutting of straight and curved line by shifting guide wheel

For the straight and curved line cutting, the point is the distance between the guide wheel and the driving wheel. On straight line cutting, the longer the distance is, the better the running stability is: while on curved line cutting, the shorter the distance is, the better the curve tracing accuracy is. The unique structure of the BEAVER resolves the problem by shifting the guide wheel and succeeds in getting both running stability of straight-line cutting and tracing accuracy of curved line cutting. On curved line cutting, attach the guide wheel to the front, while on automatic straight-line cutting, attach it to the rear.

### Easy to operate

The grip of BEAVER is of a pistol shape and fits operator's hand well. A trigger type clutch and a speed control dial under the clutch are operated by the index finger. The thumb operates a power switch and the jet oxygen lever. Thus the operator can control all functions with a single hand.

### Optional auto-stop device stops the cutting operation automatically

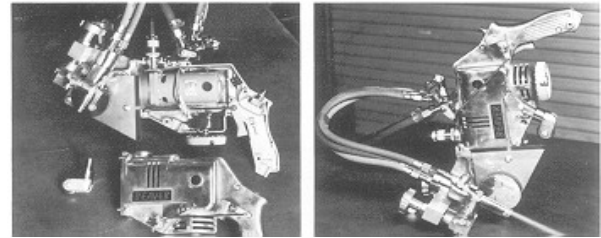
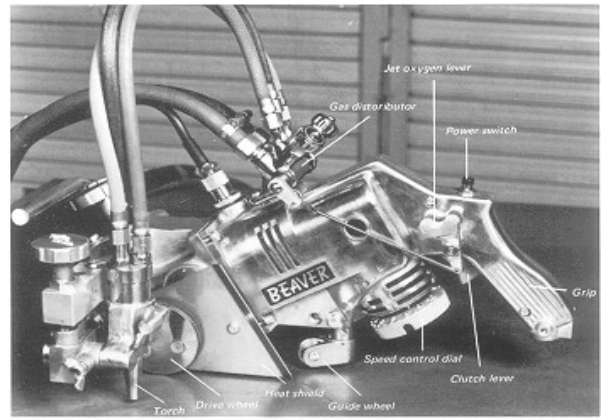
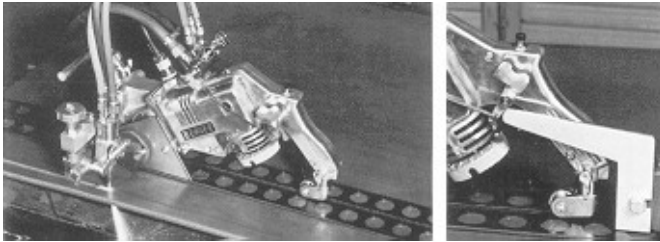
When BEAVER is equipped with an optional auto-stop device, the magnetic block at the rail end turns the switch on and stops the running operation and gas supply automatically.

### Standing type — requires small storage space

When the BEAVER is not operated, it can be stood with its grip upward. Therefore BEAVER saves storage space and makes it easy to clean the tip.

### Simple body for easy maintenance

The body of BEAVER is very simple. The inside of the machine is exposed when the lid is lifted. The simple body structure makes it easy to maintain BEAVER.



### SPECIFICATIONS

Cutting thickness	3~150mm (1/8~6")
Cutting speed	50~1000mm (2~39")
Circle cutting radius (with optional equipment)	30~350mm (1-3/16~13-1/2")
Cutting shape	I.V.
Speed change	Variable register
Power	AC 100V or 200V
Machine length	430mm (16~15/16")
Weight	9kg (19.8 lbs)

### ACCESSORIES

Power cord 5m (196")	1 pc (Direct-linked power cord is possible)
Tip 102 (for acetylene) or 106 (for LPG)	#0, 1, 2 1 pc each
Tip cleaner	1 pc
Lighter	1 pc
Tool set	1 pc
Hose	3 pc (From torch to valve)
Rail	1 pc

### OPTIONAL EQUIPMENT

Auto stop device	1 set (switch and magnetic block)
Circle cutting device	1 set
Spare parts kit	1 set

# KOIKE ARONSON, INC.

Eastern Regional Office  
Division Headquarters  
635 West Main Street  
Arcade, NY 14009  
Tel: (585)-492-2400  
Fax: (585)-457-3517

Southern Regional Office  
1285 North Post Oak, Suite 150  
Houston, TX 77055  
Tel: (713) 682-9645  
Fax: (713) 957-4852

Visit us on the web @ [www.koike.com](http://www.koike.com)  
[www.koikeox.co.jp](http://www.koikeox.co.jp)

Catalog #: 81027