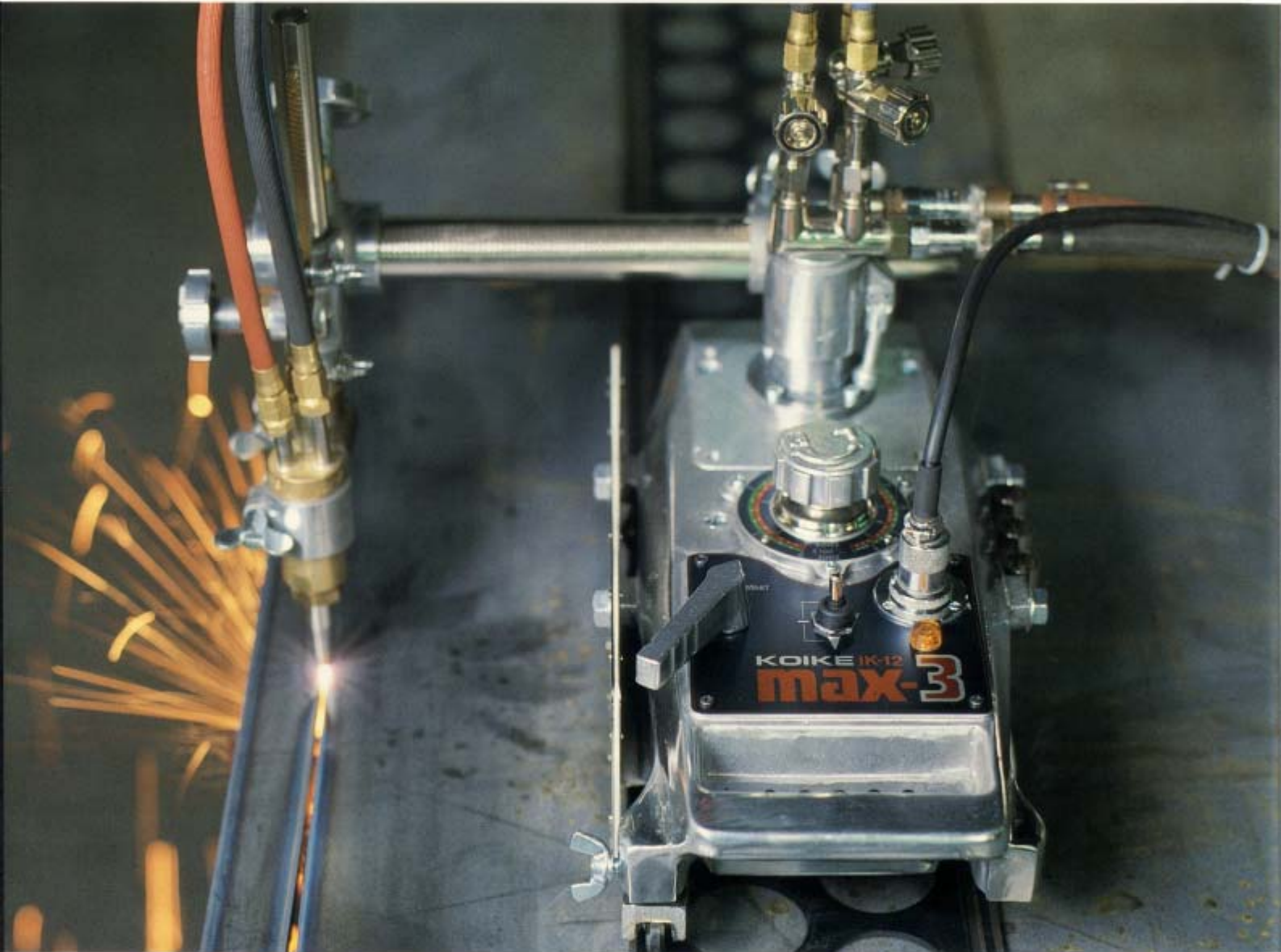


PORTABLE AUTOMATIC GAS CUTTING MACHINE

IK-12MAX3



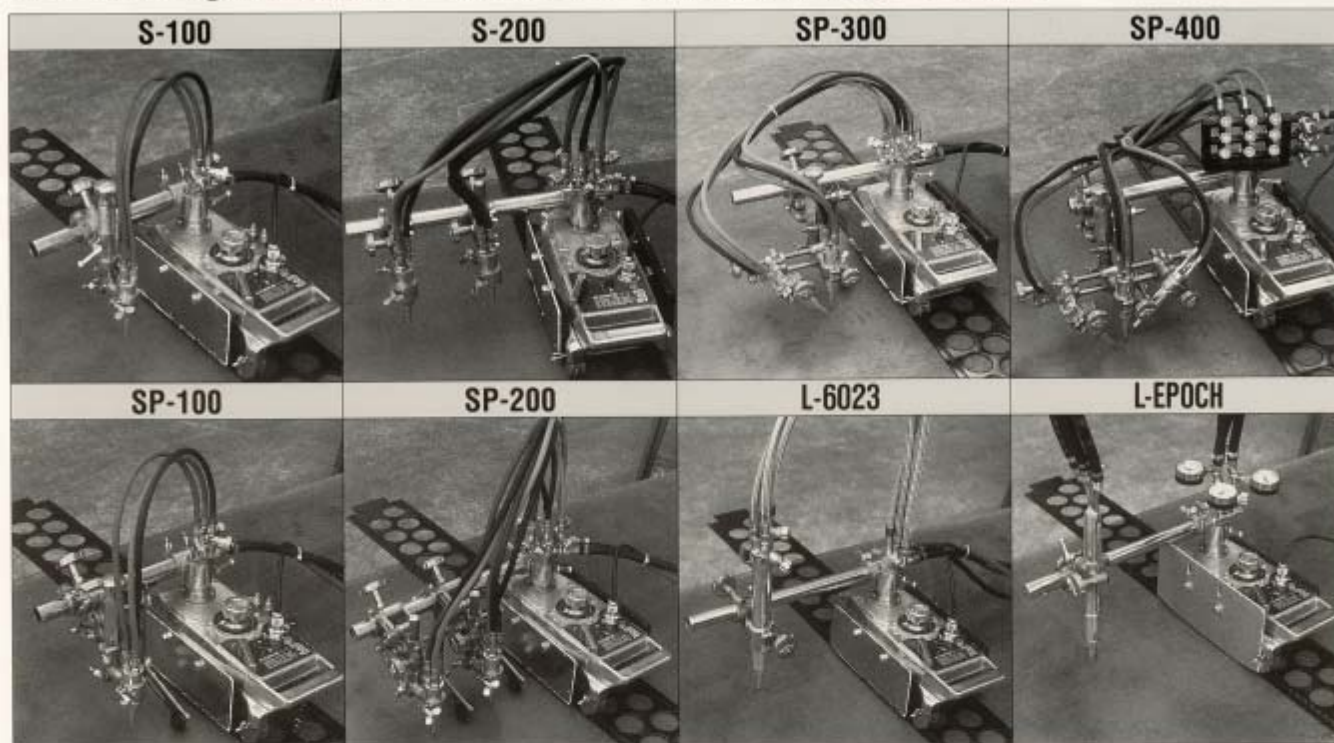
The IK-12MAX is a high quality motor driven portable flame cutting machine designed to cut straight lines, circles, and bevels with clean, sharp, smooth edges providing eight standard variations of cutting attachments.

- All functions controlled by forward / off / reverse switch, clutch lever and speed adjustment knob.
- Versatility and convertability inherent in the design ensure all types of straight line, circle, and bevel cutting are simply performed.
- Use of Koike's famous taper seat type Oxy-Fuel cutting tips in conjunction with the uniquely accurate guidance driving system provides unequalled performance in the cutting of clean, sharp, smooth edges.
- Plate track for straight line cutting is available in interlocking sections of 1,800mm (70") each which may be extended indefinitely.
- An adjustable radius bar for circle cutting and a circle cutting track are optionally available.
- High speed mode in the range of 240-2,400mm/min. (-1/2"-94-1/2") at 50 cycle and or 300-3,000mm / min. (12"-118") at 60 cycle is available.
- The exclusive Double Cone Reduction Gear system provides very smooth travelling and therefore set speed is kept in any of long time operation.

KOIKE 9Y2-71A35-2

IK-12MAX3

Versatile Eight Standard Variations of Cutting Attachments



Specifications

Cutting capacity (thickness)	S-type: 5~100mm (1/5"~4")
Cutting speed	Standard: 80~800mm/min. (3"~31") = 50Hz 100~1,000mm/min. (4"~39") = 60Hz
Speed control	Double cone reduction gear system
Motor	9W/10W AC100/200V (unload) 1,500 rpm = 50Hz, 1,800 rpm = 60Hz
Power source	AC100/200V
Weight	11.5kg (25lbs)

Model Designation key

- S** - Short torch
- L** - Long torch
(for thick plate cutting)
- P** - Equipped with torch floating device
- 100** - Single torch assembly
- 200** - Double torch assembly
- 300** - Two torch, one holder assembly
- 400** - Triple torch assembly

Option

- Pipe Arm (Long Type)
Parallel cutting of wide products can be made with multiple torches.
[Type] 500(20"), 600(24"), 700(28"), 800(32"), 900(36"), 1000(40"), 1,200mm (48"), 1,500mm (60"), 2,000mm (80"), 2,500mm (100")
- Extension rail
(1,800mm = 70")
- Circle cutting track
40~360mm dia. (1-1/2"~14")-inside
770~1,150mm dia. (30"~45") - outside
- Circle cutting bar and weighted center. [Cutting Range]
φ40~2,650mm (1-1/2"~104")
- Special high speed model
240~2,400mm/min.
(9-1/2"~94-1/2") = 50Hz
- 300~3,000mm/min.
(12"~118") = 60Hz
- Special low speed model
40~400mm/min.
(1-1/2"~15-3/4") = 50Hz
50~500mm/min. (2"~19-3/4") = 60Hz
- Gas distributor for thick cutting
150~300mm (6"~12")



Total system supplier of welding and cutting

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