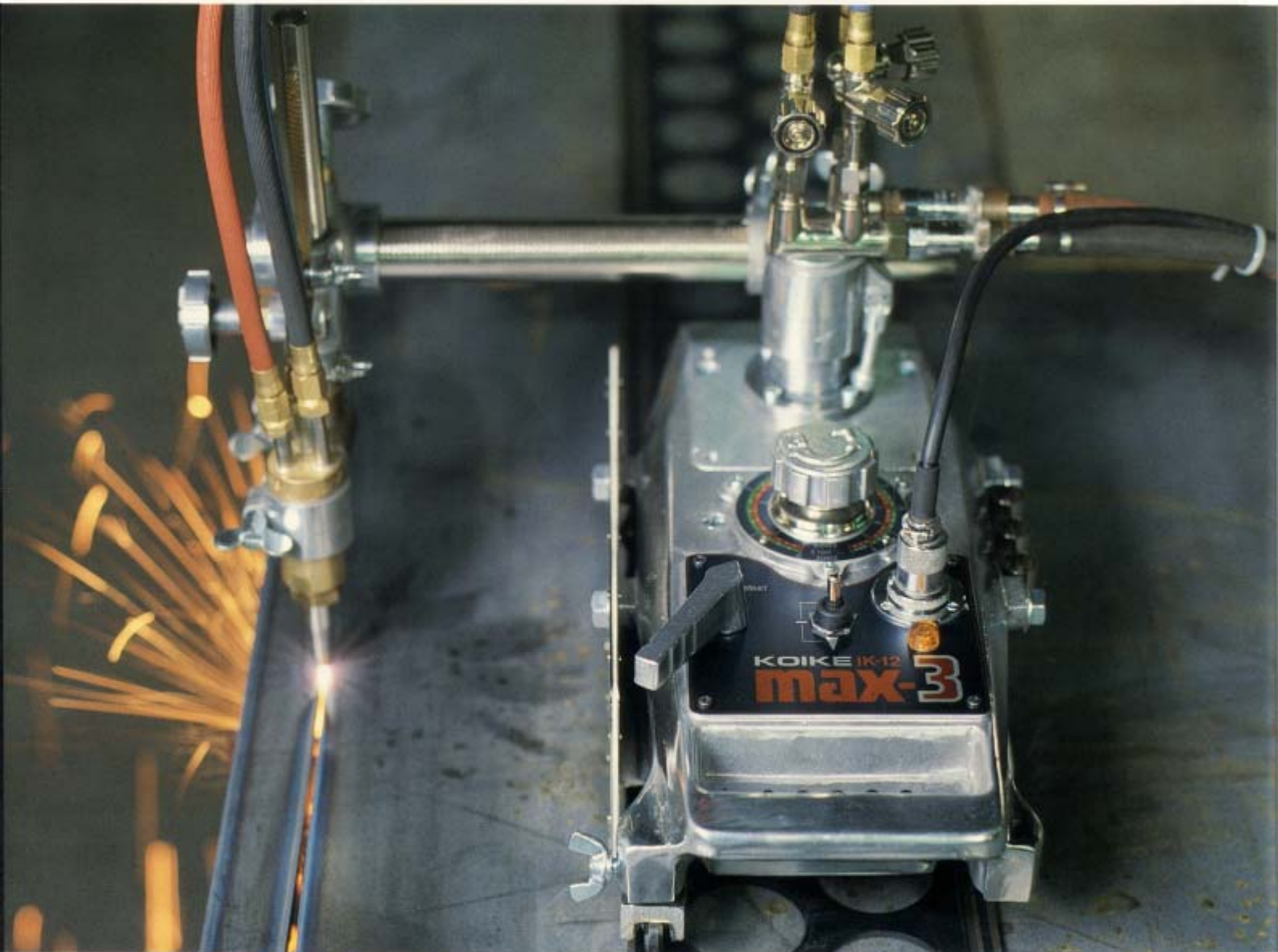


PORTABLE AUTOMATIC GAS CUTTING MACHINE

IK-12MAX3



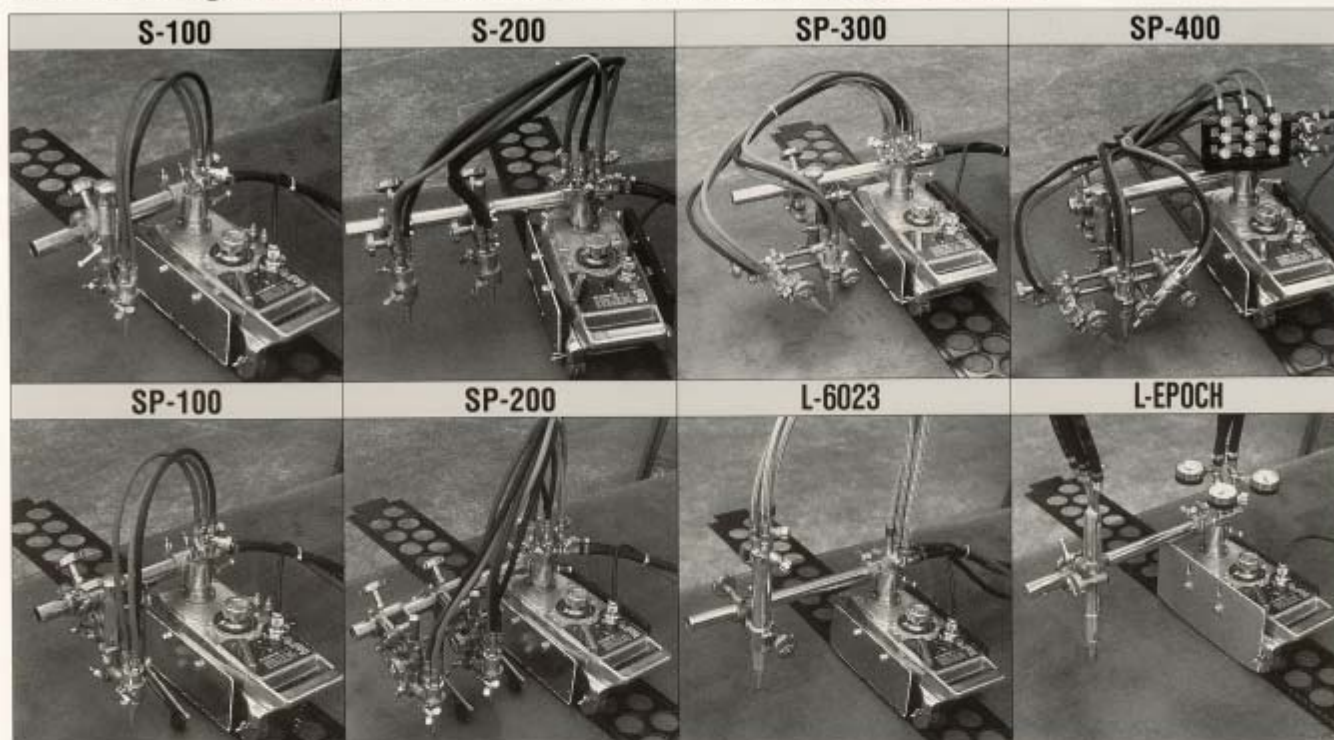
The IK-12MAX is a high quality motor driven portable flame cutting machine designed to cut straight lines, circles, and bevels with clean, sharp, smooth edges providing eight standard variations of cutting attachments.

- 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. ($\sim 1/2''$ -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

KOIKE INTERNATIONAL GROUP

