All Types of Shapes Possible with Handy Cutting Torch

The Handy Auto automatic gas cutting torch can handle straight line, bevel, circle and shape cutting by simply rotating the wheel provided on the side of the torch. This convenient torch with its light weight body is so easy to use that you will want one in every work station!

The latest model in the Handy Auto series is the Handy Auto Plus, which features the added convenience of auto ignition. Valves control pilot gas, cutting gas, preheat oxygen and cutting oxygen. The system utilizes a high-frequency current generator activated by squeezing the ignition lever.

Features & Benefits

▪ Two Models Available
  Handy Auto (without auto-ignition) & Handy Auto Plus (with auto-ignition and flame preset valves)

▪ Motorized Oxy Fuel Hand Torch
  Performs clean machine quality oxy fuel cuts or multiple applications; drive switch is linked to cutting oxygen valve for simultaneous operation of cutting oxygen and drive power.

▪ All Position Drives
  Allows cutting in any position from any direction; positive drive includes universal joints for smooth power transmission and added protection.

▪ Quick Change Attachments
  Perform plate beveling, circle cutting and straight line cutting with single hand changeover.

▪ Light Weight
  Only 5.9 lb/2.7 kgs (Handy Auto)
  7.7 lb/3.5 kgs (Handy Auto Plus) and easy to carry and use.

▪ High Quality Tips
  Koike’s superior design Series 100 torch tips are included to ensure fast, smooth cuts.

KOIKE ARONSON, INC. / RANSOME

LIFETIME TORCH WARRANTY
Against a sustained flashback when using a genuine Koike cutting tip
(Damaged torch and genuine Koike cutting tip must be returned)
Enhance Versatility and Efficiency with Various Standard and Optional Attachments

The Handy Auto automatic gas cutting torch is a staple in your shop. With many standard and optional attachments to choose from, hand held torch cutting has never been easier. Let Koike Aronson be your choice for ease and accuracy!

- **Small circle cutting attachment**
  - ⅛ to 4⅜ in (30-120mm)
  - (Included in all kits)

- **Extra large circle cutting attachment**
  - 5 - 40 in (120-1,000mm)
  - Part#ZS30130

- **Straight Cutting**
  - (Included in all kits)

- **Beveling Wheel**
  - (Included in Handy Auto Professional kit)

- **Guide Rail**
  - Part#ZS30104

**Handy Auto Professional Kit**
- (includes accessories and steel carrying case/box)

**Handy Auto Plus**

**Flame Adjusting Apparatus**

Preheat gas and oxygen valves are equipped with safety apparatus. Valve control knobs are equipped with a pull to set feature. Once preheat flame is set, knobs can be positioned to avoid accidental change in settings.

**Attachments are easy to interchange**

Varied cutting is possible by simply changing attachments. All attachments including wheels can be removed and replaced with easy one-hand motion. Drive wheels can be turned 360 degrees around the cutting tip to allow cutting in any direction.

**Preset Flame Adjusting and Auto Ignition Function**

To Ignite:
- Connect all gas hoses and regulators checking for leaks, then open tank valves and set regulator output.
- Open oxygen and fuel gas valves and pull ignition trigger.
- Holding trigger against unit, adjust the flame with the oxygen and fuel gas valves then release lever.
- The lever will return to the midpoint and lock.
- When the trigger is released, the pilot flame with extinguish as the preheat flame continues to burn.

To extinguish:
- After cutting is completed simply press the ignition lever release button and the flame goes out.
- To re-ignite, simply pull the ignition lever.
Portable Automatic Hand Cutting Torch with Multiple Uses

Koike’s Handy Auto Plus has been developed for automation of hand-held cutting used in various field operations. The Handy Auto Plus is equipped with an auto ignition system that ensures convenience and flexibility. Additional features include automatic wheel drive running along side cutting tip for wheel rotation to direct the desired cut.

Multiple surface cutting can be achieved including vertical, angled, H-shaped steel bar and pipes. In addition to straight lines, curved lines and surfaces such as, columns are easily done.

Options to Increase Accuracy and Efficiency

Optimum Performance with a wide Range of Options and Accessories
### HANDY AUTO STANDARD MODEL

**DESCRIPTIONS**
- Handy Auto Standard Pack for Acetylene
- Handy Auto Standard Pack for LPG/NG/MPS

**Part#**
- ZA4011104
- ZA4011105

Handy Auto Standard units include:
- (1) Handy Auto Torch body
- (1) Standard Drive Wheel
- (1) Wrench
- (2) Fuse
- (1) Safety-Z Coupling Set ZA3232260
- (3) Cutting Tips Model 102 or 106 - Size 0, 1, 2

### HANDY AUTO PROFESSIONAL MODEL

**DESCRIPTIONS**
- Handy Auto Professional Kit for Acetylene
- Handy Auto Professional Kit for LPG/NG

**Part#**
- ZA4011103
- ZA4011102

Handy Auto Professional units include:
- (1) Handy Auto Torch body
- (1) Standard Drive Wheel
- (1) Wrench
- (2) Fuse
- (1) Support Wheel
- (1) Bevel Wheel
- (1) Guide Handle
- (1) Small Circle Cutting Attachment - 1¼ in to 4½ in diameter
- (1) Steel Carrying Case
- (1) Safety-Z Coupling Set ZA3232260
- (3) Cutting Tips Model 102 or 106 - Size 0, 1, 2

### HANDY AUTO PLUS PROFESSIONAL MODEL

**DESCRIPTIONS**
- Handy Auto Plus Professional Kit for Acetylene
- Handy Auto Plus Professional Kit for LPG/NG

**Part#**
- ZA61001963
- ZA61001951

Handy Auto Plus Professional units include:
- (1) Handy Auto Torch body with Auto Ignition
- (1) Standard Drive Wheel
- (1) Wrench
- (2) Fuse
- (1) Support Wheel
- (1) Bevel Wheel
- (1) Guide Handle
- (1) Small Circle Cutting Attachment - 1¼ in to 4½ in diameter
- (1) Steel Carrying Case
- (1) Safety-Z Coupling Set ZA3232260
- (3) Cutting Tips Model 102 or 106 - Size 0, 1, 2

### HANDY AUTO PROFESSIONAL SPECIFICATIONS

**Cutting Thickness**
- ¼ - 2 in (5-30mm)

**Cutting Speed**
- 8-28 in/min (200-700mm/min)

**Speed Control**
- Transistor control

**Wheel Drive**
- Friction drive

**Motor**
- DC 12V, 7200 RPM

**Power Source**
- AC 120V, AC 220V, DC 12V

**Machine Length**
- 16 ¾ in (430mm)

**Weight**
- 5.9 lb (2.7kg)

**Cutting Tip**
- 102 for Acetylene, 106 for LPG

Koike 100 series cutting tips are recommended for best performance. Lifetime warranty on torch against a sustained flashback when using genuine Koike cutting tip (damaged tip and torch must be returned).

### OPTIONAL EQUIPMENT

- Guide rail ZS30104 with two magnetic blocks 20 in (500mm)
- Large circle cutting attachment ZS30106 1 set with magnetic block 4½ to 19½ in (120-500mm) diameter
- X-Large circle cutting attachment ZS30130 1 set with magnetic block 4½ to 39½ in (120-1,000mm) diameter
- 45° Bevel Wheel Fixed Angle ZS30102 (lowers cutting tip to surface)

### HANDY AUTO PLUS PROFESSIONAL SPECIFICATIONS

**Cutting Thickness**
- ¼ - 1¼ in (6-30mm)

**Cutting Speed**
- 6-20 ¾ in/min (150-530mm/min)

**Speed Control**
- Transistor control

**Wheel Drive**
- Friction drive

**Motor**
- DC 12V, 7200 RPM

**Power Source**
- AC 120V, AC 240V

**Machine Length**
- 19 ¾ in (500mm)

**Weight**
- 7.7 lb (3.5kg)

**Standard Wheel**
- Attaches to machine body

**Cutting Tip**
- 102 for Acetylene, 106 for LPG

Koike 100 series