

# WELDING PRODUCTS

## TG2-11G Hand Pipe Cutter

The TG2-11G is a manually operated portable pipe cutting machine with a chain and gear drive system.

The machine will exhibit excellent performance in straight and bevel cutting of all sizes of pipes, which accounts for most of pipe cutting work, being habitually used by many users. Especially compliant for field work without power supply.

- Cuts any size pipe bigger than 100mm (4')
- Ability to cut large pipe diameters (The chain for the maximum dia is 600mm)
- Low gear ration and Control valves
- Graduated bevel collar
- Light-weight and Excellent operability

AS00632



Cutting Thickness	Up to 50mm (2")
Pipe Cutting Diameter	100~600mm (4~24") by standard chain (2.4m = 96") over 600mm by extra chain addition
Cutting Shape	I, V (up to 45°)
Drive Method	Manual
Weight	10kg (22lbs)

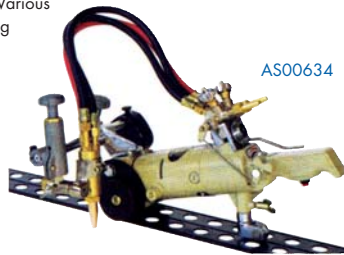
## TK-30 Semi-Automatic Gas Cutting Machine

The TK-30 is a semi-automatic (manually guided/portable) cutting machine which can be operated freely by hand.

The excellent operability allows the machine to be used for many purposes.

- Light weight for single hand to operate and transport
- Speed system adjusted by rheostat, moving smoothly
- All functions are controlled by one hand. Various types of irregular shapes and edges cutting are simply performed
- Different attachments are available for straight line cutting, circular cutting, etc.

AS00634



Cutting Thickness	6~30mm
Cutting Speed	50~750mm/min
Power	220/50AC
Dia of Circle Cutting	f 50~ f 550mm
Dimension	455 x 400 x 225mm
Weight	9.8kg

## TG2-11D Automatic Pipe Cutter

The TG2-11D is a portable pipe cutting machine with a chain and gear drive system.

The machine will exhibit excellent performance in straight and bevel cutting of all sizes of pipes, which accounts for most of pipe cutting work, being habitually used by many users.

Save working time by electric power.

- Cuts any size pipe bigger than 100mm (4')
- Ability to cut large pipe diameters (The chain for the maximum dia is 600mm)
- Driven by motor with shift gear
- Graduated bevel collar
- Light-weight and Excellent operability

AS00636



Cutting Thickness	6mm~50mm
Pipe Cutting Diameter	150~600mm (6~24") by standard chain (2.4m = 96") over 600mm by extra chain addition
Cutting Shape	I, V (up to 45°)
Drive Method	Automatic
Voltage	220/110/47 AC
Weight	16kg

## TG2-150B (railway) Profiling Gas Cutter

The profiling cutter is a portable flame cutting machine designed to cut square, rectangle, smooth edges providing two standard variations of cutting speed. The cutting machine is intended for cutting materials like steel plates, etc.

- Move and position freely by railway
- Excellent operability and lightness
- Cutting operation can be started smoothly
- Support Various kinds of spare parts

AS00638



Power	42/110/220V AC
Dimension	1190 x 335 x 870mm
Cutting Thickness	6~100mm
Cutting Speed	50~750mm/min
Dia of Circle Cutting	f 20~600mm
Length of Line Cutting	1200mm
Max Size of Cutting Square	500 x 500mm
Max size of Cutting Rectangle	400x900mm   450x750mm
Weight	61.5kg

## TG2-11 Magnetic Pipe Gas Cutter

The TG2-11 Magnetic Pipe Gas Cutter is an automatic portable gas cutting machine with permanent magnet wheel system, can be easily set and secure on a pipe in a wide variety of sizes. The machine will exhibit excellent performance in harsh working condition.

- Can be safely fastened with the magnet wheel, compact system
- Circles can be cut in very smooth edge
- Can be working for parallel, upright and upward cutting
- Excellent for circular cutting, easy operability  
Can level up to 45° (IV)

AS00633



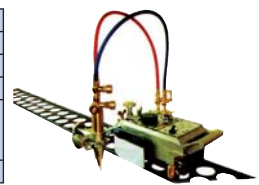
Cutting Diameter	>108mm
Cutting Thickness	6~50mm
Cutting Speed MM/MIN	50~750
Power	220/50 AC
Dimension	350 x 310 x 180mm
Weight	20kg

## TK-12 Beetles Portable Gas Cutter

The TK-12 Beetles is a portable oxy fuel cutting machine with a high quality motor driven and a mechanical non-stage speed changer. The improved transportability will surely contribute to rationalization and labor saving of cutting operation.

- The single cone system (mechanical non-stage variation device) assures constantly stable travel even with high temperatures
- Easy operability is controlled by forward/off/reverse switch, clutch lever and speed adjustment knob
- An adjustable radius bar for circle cutting is optionally available
- Single or Dual Torch Models, Two torch model available for parallel cutting
- 2 rail suit for cutting unlimited longer parts and Groove range:  
I.Y.V. (45°)
- Lightness for handling and transportation

AS00635



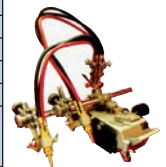
Cutting Thickness	5~100mm (0.25~4")
Cutting Speed	150~800mm (6~32")/min
Speed Control	Single cone system
Power	42/110/220V AC
Weight	9.5kg (20.9lbs) (one torch model) 13kg (28.6lbs) (two torch model)
Size	350 x 140 x 175mm

## TK-12 Max Gas Cutter

The TK-12 Max is a portable flame cutting machine designed to cut straight lines, circles and bevels with clean sharp, smooth edges providing eight standard variations of cutting attachments. The cutting machine is intended for cutting materials like steel plates etc.

- Excellent operability and tractive force
- Unrivaled heat-resistance and durability
- Versatility and convertibility - all types of straight line, circle, and bevel cutting
- The well-balanced center gravity ensures stable travelling
- The speed change mechanism is composed of parts designed on the basis of approx. 5000-hour trial loaded operation particulars
- Cutting operation can be started smoothly
- Running continuously under high temperature

AS00637



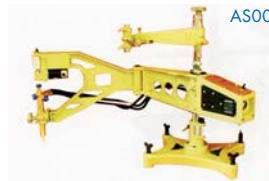
Cutting Thickness	6~100mm (0.24~4")
Cutting Speed (Standard type)	80~800mm (3~31")/min
Travelling Speed (High Speed type)	240~2,400mm (9~95")/min
Speed Control	Double cone stepless speed control system
Speed Meter	Dial indication (w/ conversion scale)
Power	42/110/220V AC
Machine Dimensions	Length 600mm (24") Width 175mm (7") Height 228mm (9")
Max. Loading Weight	50kg (110lbs)
Weight	15kg (33lbs)

## TG2-600 Circular Cutter

The circular cutter TG2-600 is a portable flame cutting machine designed to cut circle parts, round hole and flange, smooth edges providing two standard variations of cutting speed. The cutting machine is intended for cutting materials like steel plates, etc.

- Excellent operability and lightness
- Especially for cutting of circular parts, round hole and flange
- Cutting operation can be started smoothly

AS00639



Cutting Thickness	6~100mm (0.24~4")
Cutting Speed	0.2~6.0 R/P/min
Dia of cutting	30~600mm
Power	42/110/220V AC
Machine Dimensions	Length 750mm (29.5") Width 300mm (12") Height 700mm (27.5")
Weight	28kg

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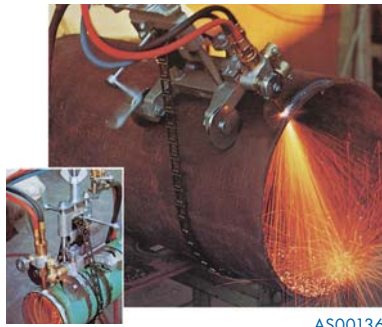
WELDMASTER®

# WELDING PRODUCTS

## Gas Pipe Cutter

### PEPEMATE Gas Pipe Cutter

- Accurate square & bevel edge circumferential flame cutting.
- Designed for optimum stability.
- Designed for simple Operation.
- Fully adjustable to any cutting angle.
- Quick changeover between differing pipe diameter.



AS00136

The Strong lightweight PIPEMATE, portability with high cutting accuracy.

The PIPEMATE pipe cutter is one of the CIGWELD range of quality flame cutting machine only 9kg. This hardworking unit offers troublefree maintenance, easy operation and true portability. With its dependable chain drive, the PIPEMATE solves most circumferential cutting problems, independent of electrical supply. This machine is easily moved from job to job and is at much at home on site as in the workshop. The PIPEMATE is capable of producing square cuts and bevel edge preparations over a wide range of pipe diameters and wall thickness.

#### Construction Features

Among the many advantages to this rigidly constructed machine are:

#### Smooth, Dependable Drive

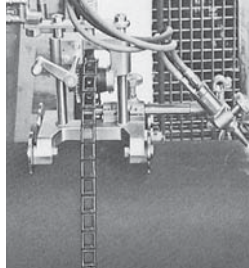
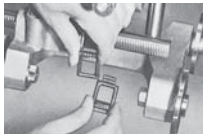
Drive is through a worm and wormwheel, the low gear ratio results in extremely smooth travel. The drive gear and gear chain are designed for maximum stability, thus reducing backlash in either direction.

#### Simplified Operational Control

The Control valves for fuel gas, heating oxygen and cutting oxygen are located away from the heat affected zone, conveniently placed for easy operator use,

#### Adjustable Blowpipe

Using either CIGWELD acetylene or LPG 3 seat cutting nozzles, the cutting blowpipe may be adjusted 80mm perpendicular to the pipe surface and 120mm along the pipe surface by rack and pinion. A graduated scale ensures accurate bevel setting, and a wing nut locks the cutting blowpipe firmly in position.



## SEAT CUTTING NOZZLES

Standard Speed Acetylene		
Part No.	Tip Size	Plate thickness (mm)
306114	00	0 to 5
306115	0	5 to 10
306116	1	10 to 15
306117	2	15 to 30
306118	3	30 to 40
306119	4	40 to 50
Standard Speed Acetylene		
Part No.	Tip Size	Plate Thickness (mm)
306096	00	0 to 5
306097	0	5 to 10
306098	1	10 to 15
306099	2	15 to 30
306100	3	30 to 40
306101	4	40 to 50

#### Specifications

Machine Part No.	338534
Pipe Diameter	100-600mm with standard chain
Pipe Wall Thickness	up to 50mm

#### Optional Accessories

Additional 2m chain	P.N. 333094
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#### Included Accessories

Cutting Tip Acetylene Size 1	1 Pc	
Tools:	Tip Cleaners	1 Pc
	Spanners	3 Pc

#### Chain Link Versatility

The drive chain consists of interlocking links that are easily added or removed for rapid changes between pipes of different diameters.

Pipe Mate - AS00136

## Lightweight Portable Flame Cutting Machine



AS00139

Designed to enhance workshop efficiency, the PLATEMATE 2 is compact and light without loss of accuracy or cutting capacity.

- Automatically cuts straight lines, circles and bevels
- Lightweight
- Portable
- Compact construction
- Designed for simple operation
- High stability for long distance cutting

### 3 SEAT CUTTING NOZZLES

Standard Speed Acetylene		
Part No.	Tip Size	Plate thickness (mm)
306114	00	0 to 5
306115	0	5 to 10
306116	1	10 to 15
306117	2	15 to 30
306118	3	30 to 40
306119	4	40 to 50
Standard Speed LPG		
Part No.	Tip Size	Plate Thickness (mm)
306096	00	0 to 5
306097	0	5 to 10
306098	1	10 to 15
306099	2	15 to 30
306100	3	30 to 40
306101	4	40 to 50

#### Specifications

Machine Part No.	338536
Weight (one torch set)	9.5kg
Length	350mm
Wheel width	160mm
Motor	Model: Condenser-induction Power Source: 240V 50Hz Revolution: 1500rpm (no load)
Reduction gear	Single cone system
Cutting Speed	150-800mm/min
Cutting Thickness	5-50mm
Cutting edge shape	Square cutting V-Bevel Cutting

#### Specifications

Rail 1.8m Log	P.N.335287
Two Touch Set	P.N.338538
Circle Cutting Attachment	P.N.338539
Plant Includes	
1 x PLATEMATE 2	
1 x Cutting Torch	
1 x Cutting Tip Acetylene Size 1	
1 x Tip Cleaners	
1 x Spanners	

Plate Mate - AS00139

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