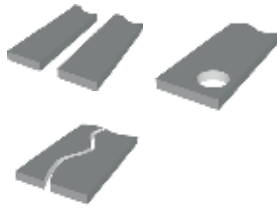
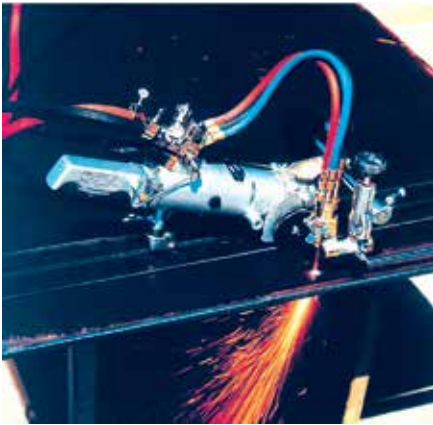


II -3. Cutting Machines for Multi Purpose ②



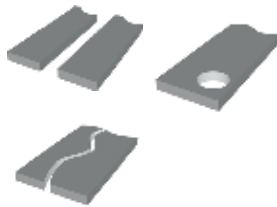
WEASEL

Portable Multi-Purpose Oxy Fuel Cutting Machine

Cutting Thickness	5-30mm
Cutting Speed	150-1000mm/min
Direction	Forward only
Bevel Cut Angle	0 to 45°
Weight/Length	9.8kg/460mm
Cutting Tip Type	102(ACE) or 106(LPG)
Standard Equipments	Circle cutting attachment : dia. 100-1100mm

*German type (Eccentric tip type) set is available

Optional Equipment
2-torch set
Rail : 1800mm

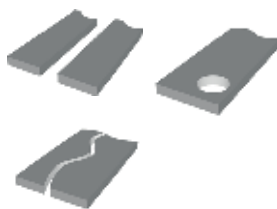


IK12AB

Portable Multi-Purpose Oxy Fuel Cutting Machine

Cutting Thickness	5-100mm
Cutting Speed	80-760mm/min
Direction	Forward & Reverse
Bevel Cut Angle	0 to 45°
Weight	9.0kg
Cutting Tip Type	102(ACE) or 106(LPG)

Optional Equipment
Twin touch set
Rail : 1800mm



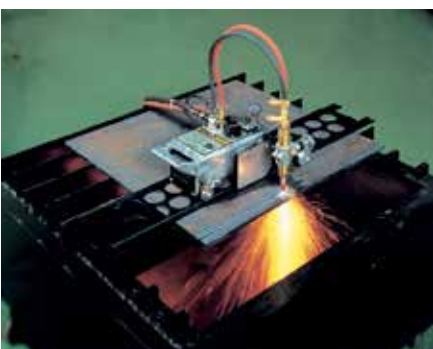
IK-93 HAWK

Portable Multi-Purpose Oxy Fuel Cutting Machine

Cutting Thickness	5-100mm
Cutting Speed	100-1000mm/min
Direction Changing	Forward/reverse switch
Bevel Cut Angle	0 to 45°
Weight/Length	7.5kg/395mm
Cutting Tip Type	102(ACE) or 106(LPG)

Optional Equipment
Circle cutting attachment : dia. 100-1100mm
Tracer guide (for Edge)
Tracer guide (for Scribe line)
Rail : 1800mm

*Different torch set is available.



IK-12 BEETLE Single Torch Set

Portable Multi-Purpose Oxy Fuel Cutting Machine

Cutting Thickness	5-50mm
Cutting Speed	150-800mm/min
Speed Control	Single cone system
Direction	Forward/Reverse
Bevel Cut Angle	0 to 45°
Weight	9.5kg
Carriage Size	350(L)*140(W)*175(H)mm
Cutting Tip Type	102(ACE) or 106(LPG)

Optional Equipment
Circle cutting attachment : dia. 400-2400mm
Circle Track : dia. 40 -360mm inside
: dia. 770 - 1150mm outside
Rail : 1800mm

*IK-12 BEETLE 2torch set is available.

II. Portable Cutting Machines

II -4. Cutting Machines for Straight-Line

IK-12 max3 Portable Carriage

Cutting Speed	80-800mm/min
Speed control	Double cone stepless system
Direction	Forward/Reverse
Bevel cut angle	0 to 45°
Weight	10.0kg
Machine Size	430(L)*220(W)*215(H)mm

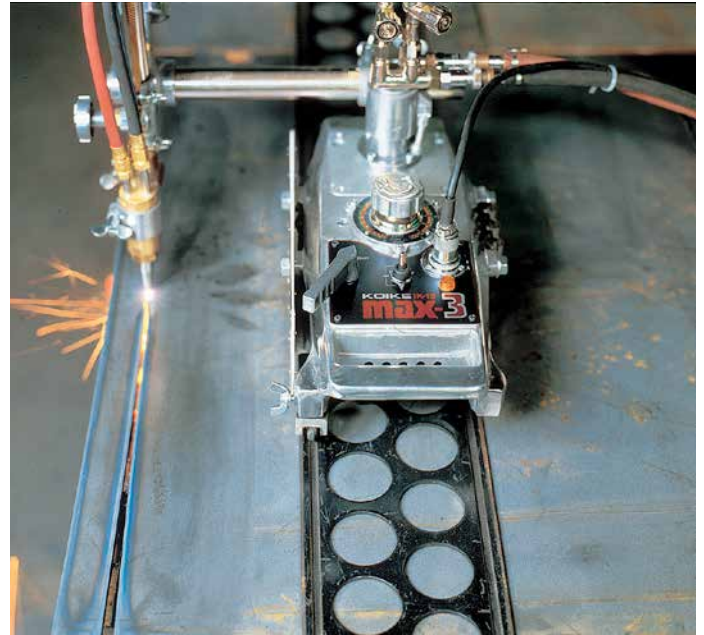
Optional Equipment	
Circle cutting attachment	: dia. 400-2400mm
Circle Track	: dia. 40 -360mm inside : dia. 770 - 1150mm outside
Rail	: 1800mm

IK-12 max3 <S TYPE>

Traveling Speed	80-800mm/min(Low) to 240-2400mm/min(High)
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IK-12 max3 <ML>

Traveling Speed	40-400mm/min
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Torch Set for IK-12 max3

Name	Specification	Purpose	Cutting Thickness
S-100	Single torch set	for square or V bevel cutting	5-30mm
S-200	2 torches model of S-100	for square, V, Y or X bevel cutting	5-30mm
SP-100	Single torch set with a plate rider	for square or V bevel cutting	5-30mm
SP-200	2 torches model of SP-100	for square, V, Y or X bevel cutting	5-30mm
SP-300	2 torches for V bevel cutting with a plate rider	for square, V, Y or X bevel cutting	5-30mm
SP-400	3 torches for X bevel cutting with a plate rider	for square, V, Y, X or K bevel cutting	5-30mm
L-100	Long torch set	for square or V bevel cutting	5-30mm
S-EPOCH 300	Single torch set for Epoch-300 cutting tip	for thick plate cutting	100-300mm
S-EPOCH 600	Single torch set for Epoch-600 cutting tip	for thick plate cutting	300-600mm
S-6023	Single torch set for 6023 cutting tip	for thick plate cutting	200-350mm

*Cutting Tip Type : 102(ACE) or 106(LPG), except for S-EPOCH 300, S-EPOCH 600 & S-6023.

Rail for IK-12 max3

Straight Track 1800mm
Extreme Duty Track 1800m



II -5. Cutting Machines for Pipe



PICLE1 - II

Portable Oxy Fuel Pipe Cutting Machine

Drive Method	Manual
Cutting Thickness	50mm
Effective Cutting Diameter	dia. 114-600mm w/ std. chain. Over dia. 600mm with add. chain
Bevel Cutting	0 to 45°
Weight/Length	8.5kg/410mm
Cutting Tip Type	102(ACE) or 106(LPG)

*Additional chain(1m, 2.4m) is available.

AUTO PICLE Series

Motorised Oxy Fuel Pipe Cutting Machine

Model	AUTO PICLE-II	AUTO PICLE-S
Control Type	Pendant type	
Cutting Thickness	50mm	
Cutting Speed	100-700mm/min	
Bevel Cutting	0 to 45°	
Effective Cutting Pipe Diameter	dia. 150-600mm w/ std. chain Over dia. 600 mm w/ add. chain	Determined by selected guide rail.
Weight/Length	15.0kg	15.0kg
Cutting Tip Type	102(ACE) or 106(LPG)	

*Additional Chain(1m, 2.4m) is available for Auto Picle-II.



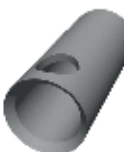
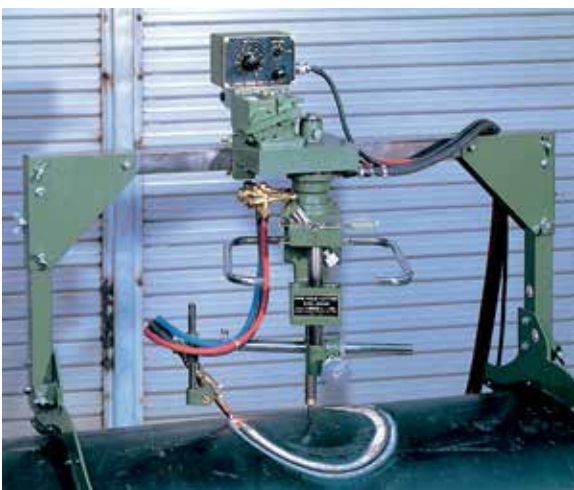
Selectable Equipment for Auto Picle S	
Guide Rail :	D-600 : dia. 400-600mm D-900 : dia. 600-900mm D-1200 : dia. 900-1200mm D-1500 : dia. 1200-1500mm

KHC-600D

Portable Pipe Hole Cutting Machine

Cutting Thickness	5-50mm
Cutting Speed	0.12-1.2rpm
Cutting Diameter	dia. 80-600mm
Min. Main Pipe Dia.	φ800mm
Ratio Btwn Branch and Main Pipe Dia.	Minimum 1 : 2 or more
Bevel Cut Angle	0 to 45°
Machine Dimensions	1050(L)*500(W)*760(H)mm
Weight	26.0kg
Cutting Tip Type	102(ACE) or 106(LPG)

Optional Equipment
Small diameter pipe fixture (for dia. 250-800mm pipe)
Stand for overhanging workpiece



II. Portable Cutting Machines

II -6. Cutting Machines for Shape Cut

IK-54D



Portable Shape Oxy Fuel Cutting Machine

Cutting Thickness	3-100mm
Cutting Speed	100-1000mm/min
Circle Cutting Range	dia. 30-700mm
Square Cutting Range	Square Side 30-600mm
Magnet Roller	dia. 10mm
Weight	33.0kg without weight
Machine Size	1260(L)*695(W)*550(H) mm
Cutting Tip Type	102(ACE) or 106(LPG)

*Magnet Roller : dia. 6, 8, 15 and 20mm is available.

Optional Equipment	
Circle Cutting Attachment w/Motor	dia. 60-400mm
Large Template Cutting Adapter	Cutting Range : Circle dia. 600-1700mm Square 500-1200mm

*Model for Plasma torch is available.



IK 82 M Shape cutter for long profiles.

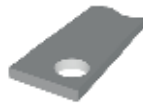


Model	IK82M300
Template Setting	On Material to be cut
Cutting Thickness	5-50mm
Cutting Speed	100-600mm/min
Effective cutting capacity	Circle : dia. 300mm Ellipse : 600*200mm
Weight	9.5kg
Cutting Tip Type	402ST(A), 406NT(LPG)



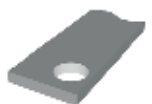
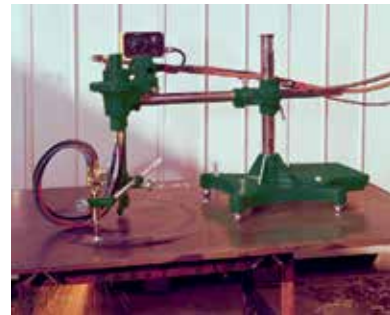
II -7. Cutting Machines for Circle Cut

CIR CUT I/II



Model	Model I: Permanent Magnet Model II: Electro Magnet
Cutting Thickness	5-30mm
Cutting Speed	0.5-7.5rpm
Bevel Cut Angle	0 to 45°
Circle Cutting Range	dia. 40-200mm
Weight	11.0kg (Model I) / 11.3kg(Model II)
Cutting Tip Type	102(ACE) or 106(LPG)

IK-70



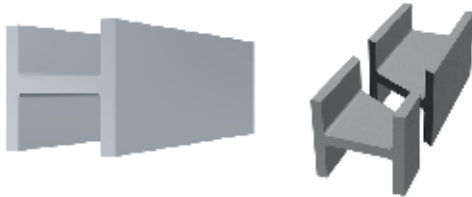
Model	600	1000
Cutting Thickness	15-50mm	
Cutting Speed	0.2-6rpm	0.04-1.5rpm
Bevel Cut Angle	0 to 45°	
Circle Cutting Range	dia. 30-600mm	dia.150-1000mm
Weight	24.0kg	40.0kg
Cutting Tip Type	102(ACE) or 106(LPG)	

Optional Equipment		
Flange Cutting Kit (Only for Model 1000)		

II. Portable Cutting Machines

II -8. Cutting Machine for H-Beam

MINIMANTIS II



Portable H-Beam Oxy Fuel Cutting Machine

Cutting Thickness	5-30mm
Cutting Speed	100-700mm/min
Right Angle Cutting	Web length = 150-600mm with 600rail Flange dimension = 150-400mm
Capacity	with ST-400
Diagonal Web Cutting Capacity	35° at 400mm diagonal web length
Flange Diagonal Cutting Capacity	30° at 300mm maximum diagonal flange dimension
Bevel Cutting	35° for both web and flange
Weight/Length	20.0kg / 1100mm (600rail incl.)
Cutting Tip Type	102(ACE) or 106(LPG)

Optional Equipment

Vertical Drive Unit :	Short Torch : 400mm Short Torch : 700mm
Rail :	600/900/1500mm rail for Short Torch only

II -9. Cutting Machine for All Position

IK-72T



Portable All-position Oxy Fuel Cutting Machine

Cutting Thickness	5-30mm
Cutting Speed	150-700mm/min
Drive method	Rack and pinion
Bevel cut angle	0 to 45°
Body Weight	4.5kg
Cutting Tip Type	102(ACE) or 106(LPG)
Selectable Rails	1D 1500mm extendable alumi. 2D 1000mm extendable rubber (Minimum radius : 2500mm) 3D 1000mm extendable rubber (Minimum radius : 2000mm)

- * 1D rail for accurate straight cutting.
- * 2D rail for straight cutting and curved plane cutting.
- * 3D rail for straight cutting and twisted plane cutting.