

Welding Products

Explosion Proof Electric Blower



AS00323 AES 8"
AS00324 AES 12"

Model: AES200mm 8" AES300MM 12" Voltage: 115 / 230
Dia: 200mm (8"), 300mm (12") Phase: Single
Anti-static ABS Housing, Chemical Resistant UL Class I, Group D & Class II, Group E, F, G. RAMFAN, USA

Pneumatic Blower



AS00325 AAF 12"

Model: AAF 300MM 12" Dia: 12"
Anti-static ABS Housing, Chemical Resistant, USA

Pneumatic Blower – Blower / Exhauster



AS00327 APF-20

Stock Code	Model	Description
AS00326	APF - 12	12" Jet Fan
AS00701	AET - 16	16" Jet Fan
AS00327	APF-20	20" Jet Fan
AS00702	AET-24	24" Jet Fan

Description:

This four-bladed vaneaxial fan is called a Jet Fan because a highvelocity jet of compressed air is ejected from the trailing edge of the blade, as shown in the diagram. This results in the forward rotation of the fan wheel just like a jet plane is pushed forward by the high-velocity jet ejected from the rear of the jetengine.

- Use for general ventilation in any location where compressed air is available. Use as blower or exhauster.
- Suited for ventilation of tanks, process vessels, or other confined areas for the removal of hazardous fumes or contaminated air from welding, sandblasting and other operations.
- Rated operating pressure 40-110 PSI.
- Design allows for lower RPMs while still moving more air.

- Bearings are packed with a hi-tech synthetic lubricant for longer life.
- Propeller precision balanced by removing material from end of blades.
- Use as blower or exhauster.
- Electro polished stainless steel fan guard.
- Heat treated to T6 aircraft aluminum specifications.
- Super-duty, high quality, high pressure air seal for longer service.
- Heaviest-duty fan in the industry.
- Hi-tech four blade design.
- Guide vanes to eliminating turbulence which smooths air flow and increases efficiency.
- Fan design by one of the foremost fan engineers in the world.

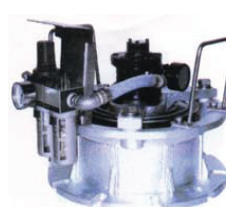
Water Driven Turbine Fan



AS00328 ATF 12"
AS00329 ATF 16"

Model: ATF 12" or ATF 16" Dia: 12" & 16"
Dia: 300mm/12", 400mm/16" Phase: Single
Water Connection: 2 1/2" NST

Air Driven Gas Freeing Fan



AS00330 AGFF-12
AS00331 AGFF-16

Model: AGFF 12" or AGFF 16" Dia: 12" & 16"
Air Inlet: 3/4" or 1" NPT

Venturi Air Blower (Air Mover)

Model: ARV760, ARV760S, ARV1500
High output, Lightweight, Portable
anti-static, Crush Proof Conductive
Polymer Diffuser.
Weather Proof and Chemical Resistant.
Powered by compressed air or saturated
steam RAMFAN, USA.



AS00339 ARV-760
AS00340 ARV-760S
AS00341 ARV-1500

Tornado Electric Blower (Explosion Proof)



AS00332 8AXP
AS00333 12AXP

Model: 8AXP, 12AXP

The Explosion Unit is approved and certified by American Bureau of shipping (ABS) Ideal for exhaust applications
Prime-Air, USA

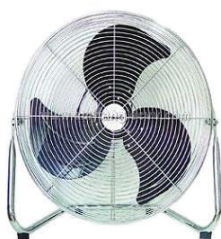
Hurricane Venturi Blower



AS00334 3P
AS00335 3
AS00336 6
AS00337 8
AS00338 10

The Explosion Unit is approved and certified by American Bureau of shipping (ABS) Ideal for exhaust applications
Prime-Air, USA

AET - Industrial Fan



20" Industrial Desk Fan
AS00022

Stock Code	Size
AS00022	20"



24" Industrial Wall Fan
AS00025

Stock Code	Size
AS00027	16"
AS00025	24"
AS00026	26"



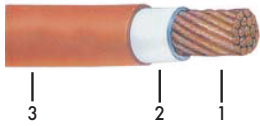
26" Industrial Stand Fan
AS00024

Stock Code	Size
AS00028	16"
AS00023	24"
AS00024	26"

Welding Products

WELDMASTER®

Welding Cable



AS00115M

AS00118



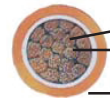
Main Products

bare wires
magnetic wires
rubber insulated electric wires
plastic insulated electric wires
tough rubber sheathed arc welding electrode cable
tough rubber sheathed flexible cables for general purposes
PVC-insulated & PVC - sheathed power cable
PVC-insulated & PVC - sheathed control cable
PVC-insulated & PVC - sheathed signal cable

Welding Cable Black		Welding Cable Orange		Black Neoprene Cable		Orange Neoprene Cable	
Stock Code	Model	Stock Code	Model	Stock Code	Model	Stock Code	Model
AS00105M	300AMP	AS00109	300AMP	AS00113	300AMP	AS00116	300AMP
AS00106	400AMP	AS00110	400AMP	AS00114	400AMP	AS00117	400AMP
AS00107	500AMP	AS00111	500AMP	AS00115	500AMP	AS00118	500AMP
AS00108	600AMP	AS00112	600AMP	-	-	-	-

Flexible Copper - core cable for welding machines

1. Application - The product is applied up to A.C 200 V and pulsating D.C. 400V at the secondary of welding machine against the earth and connecting welding guns. The Max. continuous operating temperature of conductor is 65°C.
2. Type YH
3. Standard of Product - The product verified by CCEE accords with the demands of GB 5013.3 85 (equal to IEC 245)
4. Construction



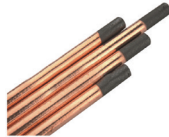
1. conductor of the cable
2. isolated layer lapped thermo-resistant film or other fiber tapes
3. rubber insulated sheath

5. Specification

Nominal area of conductor mm	Conductive core No. of wire x Dia. mm	Max. overall Dia. of cable mm	Approx. weight of cable kg/km	Max. D.C. resistance of conductor at 20°C not more than rad./km	
				finned	unfinned
10	322/0.20	9.7	140	1.91	1.95
16	513/0.20	11.5	212	1.16	1.19
25	798/0.20	13.0	308	0.758	0.780
35	1121/0.20	14.5	423	0.536	0.552
50	1596/0.20	17.0	592	0.379	0.390
70	2214/0.20	19.5	828	0.268	0.276
95	2997/0.20	22.0	1088	0.198	0.204
120	3702/0.20	24.0	1374	0.161	0.164
150	4596/0.30	27.0	1666	0.1529	0.132
185	5443/0.40	29.0	2044	0.1069	0.108

WELDMASTER®

Gouging Rod



Stock Code	AS00091	AS00092	AS00093	AS00094	AS00095
Size(mm)	4.5 x 305	5.0 x 305	6.5 x 305	8.0 x 305	9.5 x 305

Brazing Alloy Rod



Stock Code	AS00641	AS00642
Size(mm)	1.5	2.5

ATLANTIC®

Welding Rod



CHE40

Welding Rod for Mild Steel

AWS A5.1 E6013

Stock Code	AS00660	AS00661	AS00662
Size(mm)	2.5 x 350	3.2 x 350	4.0 x 400

CHE43

Welding Rod for Mild Steel

AWS A5.1 E6019

Stock Code	AS00663	AS00664	AS00665
Size(mm)	2.5 x 350	3.2 x 350	4.0 x 400

CHE56

Low Hydrogen Welding Rod for High Tensile Steel

AWS A5.1 E7016

Stock Code	AS00666	AS00667	AS00668
Size(mm)	2.5 x 350	3.2 x 350	4.0 x 400

CHE581

High Toughness Welding Rod for High Tensile Steel

AWS A5.1 E7018-1/E7018

Stock Code	AS00669	AS00670	AS00671	AS00672
Size(mm)	2.5 x 350	3.2 x 400	4.0 x 400	5.0 x 400

CHS002

Welding Rod for Extra-low Carbon Stainless Steel

AWS A5.4 E308L-16

Stock Code	AS00673	AS00674	AS00675
Size(mm)	2.5 x 300	3.2 x 350	4.0 x 350

CHS022

Welding Rod for Extra-low Carbon Stainless Steel

AWS A5.4 E316L-16

Stock Code	AS00676	AS00677	AS00678
Size(mm)	2.5 x 300	3.2 x 350	4.0 x 350

CHS062

Welding Rod for Stainless Steel

AWS A5.4 E309L-16

Stock Code	AS00679	AS00680	AS00681
Size(mm)	2.5 x 300	3.2 x 350	4.0 x 350

WELDMASTER PROTABLE MMA SERIES





The WELDMASTER PROTABLE MMA 160/200 is a single-phase DC inverter arc welding power source with Constant Current (CC) output characteristics providing the best combination of power, portability and convenience. Designed for STICK and High Frequency TIG welding applications.

A good welding performance is available when welding stainless, mild steels and easy start.



AS 00528

AS00529

Stock Code	AS00528		AS00529	
Model No.	MMA200		MMA160	
Machine Specifications				
Input Voltage	220V/240V 1ph 50/60Hz		220V/240V 1ph 50/60Hz	
Input Current	21A (32A)	32A (42A)	15A (22A)	23A (33.5A)
Insulation Class	H		H	
Open Circuit Voltage	62V/66V		56V/61V	
Duty Cycle (40°C)	100%@200A	60%@200A 100%@160A	100%@160A	60%@160A 100%@125A
Welding Current	10-200A		10-160A	
Load Voltage	18V	28V	16.4V	26.4V
Protection Class	IP21		IP21	
Dimensions (L x W x H)	420 x 160 x 265mm		420 x 160 x 265mm	
Weight	12.5kg		12kg	





WELDMASTER HEAVY DUTY MMA SERIES

The WELDMASTER HEAVY DUTY MMA 300S/400S is a DC ARC Welding power supply with high performance characteristics. All the machines come standard with an arc force and hot start adjustment and, this power supply excellent for all types of stick electrodes, particularly the 6010 electrode. All machine are provided with lift TIG for high quality TIG starting with no High Frequency.

A good welding performance is available when welding stainless, mild steels and easy start.



AS00530/31/32

Stock Code	AS00530		AS00531	
Model No.	MMA 300S		MMA 400S	
Machine Specifications				
Input Voltage	380V/415V 3ph 50/60Hz		380V/415V 3ph 50/60Hz	
Input Current	12.5A (16.5A)	17.2A (22.5A)	20.5A (25.3A)	26A (31.6A)
Insulation Class	H		H	
Open Circuit Voltage	78V/85V		78V/85V	
Duty Cycle (40°C)	100%@300A	60%@300A 100%@250A	100%@400A	60%@400A 100%@350A
Welding Current	10-300A		10-400A	
Load Voltage	22V	32V	26V	36V
Protection Class	IP23		IP23	
Dimensions (L x W x H)	550 x 300 x 490mm		550 x 300 x 490mm	
Weight	49kg		51kg	




WELDMASTER PORTABLE TIG SERIES

The WELDMASTER PORTABLE TIG 200P/200A is a single-phase DC inverter arc welding power source with Constant Current (CC) output characteristics providing the best combination of power, portability and convenience. Designed for STICK and High Frequency TIG welding applications.

All machine are provided with a built in gas valve, down slope, pulser and high frequency starting. A fixed preflow is provided and the current level automatically adjusts postflow. A good welding performance is available when welding stainless, mild steels and easy start.



AS00538/39

Stock Code	AS00538		AS00539	
Model No.	TIG 200P		TIG 200DC	
Machine Specifications				
Input Voltage	220/240V 1ph 50/60Hz		220/240V 1ph 50/60Hz	
Input Current	21A (32A)	23A(33.5A)	18.5A(26A)	
Insulation Class	H		H	
Open Circuit Voltage	56/61V		42/46V	
Duty Cycle (40°C)	60%@200A 100%@160A	60%@160A 100%@140A	40% @200A	60% @160A 100% @125A
Welding Current	10-200A	10-160A	10-200A	
Load Voltage	18V	26.4V	18V	
Protection Class	IP21		IP21	
Dimensions (L x W x H)	420 x 160 x 265mm		370 x 150 x 245mm	
Weight	12kg		9kg	

WELD MASTER

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WELDMASTER PLASMA CUTTER PCM SERIES

The WELDMASTER PLASMA CUTTER PCM range is an air plasma cutting power supply with Constant Current (CC) output characteristics offering the highest value. High frequency, gas switch and post-flow function are all build in.

A good cutting performance is available when cutting stainless, mild steels, aluminium and easy start. A tough lightweight design makes it ideals for light industrial application.







Stock Code	AS00540	AS00543	AS00544
Model No.	PCM 40	PCM 80	PCM 100
Machine Specifications			
Input Voltage	220V/240V 1ph 50/60Hz	380V/415V 3ph 50/60Hz	380V/415V 3ph 50/60Hz
Input Current	18.6A (26.5A)	17A (21A)	51A (58A)
Insulation Class	H	H	H
Open Circuit Voltage	248V/271V	280V/306V	380V/415V
Duty Cycle (40°C)	40%@40A 100%@30A	100%80A	100%@150A
Cutting Current	15-40A	20-80A	20-150A
Load Voltage	96V	112V	140V
Gas Type/ Flow	Air @ 95lpm (200scfh)	Air @ 190lpm (400scfh)	Air @ 190lpm (400scfh)
Gas Pressure	4.8bar (70psi)	4.8bar (70psi)	4.8bar (70psi)
Protection Class	IP21	IP23	IP23
Dimensions (L x W x H)	420 x 160 x 265mm	550 x 300 x 490mm	560 x 360 x 880mm
Weight	12kg	58kg	105kg

WELDMASTE HEAVY DUTY GMAW SERIES

The WELDMASTER HEAVY DUTY GMAW POWER 500CV/500MST provides excellent arc performance with solid wire in short circuit, globular and spray transfers, and with flux or metal core wires in globular and spray transfer modes.

Standard features include; a 14-pin amphenol connector and dual auxiliary power outlets (115VAC, 5A fuse protected), solid state contactor, output votag regulation, build-in overload protection, volt and amp meters, citater, environmental protection for optimum reliability in harsh environments.



Stock Code	AS00536	AS00537		
Model No.	DYNA MIG 500CV	POWER 500MST		
Machine Specifications				
Input Voltage	380V/415V 3ph 50/60Hz	380V/415V 3ph 50/60Hz		
Input Current	35.5A (38.5A)	35.5A (38.5A)	36A (41A)	29A (33A)
Insulation Class	H	H		
Open Circuit Voltage	78V/85V	78V/85V		
Duty Cycle (40°C)	60%@500A 100%@450A	60%@500A 100%@450A		
Welding Current	30-500A	30-500A		
Load Voltage	39V	39V	40V	30V
Protection Class	IP23	IP23		
Dimensions (L x W x H)	560 x 365 x 640mm	560 x 365 x 640mm		
Weight	70kg	70kg		

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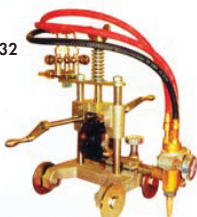
TG2-11G Hand Pipe Gas Cutter

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)

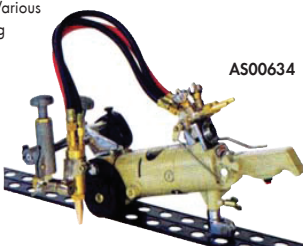
TK-30 Semi-Automatic Gas Cutting Machine

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 Gas 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 Profiling Gas Cutter

TheThe 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	56.5kg

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 bevel up to 45° (IV)

AS00633



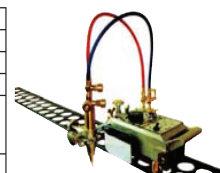
Cutting Diameter	>108mm
Cutting Thickness	6~50mm
Cutting Sped MM/MIN	50~750
Power	220/50 AC
Dimension	350 x 310 x 180mm
Weight	20kg

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



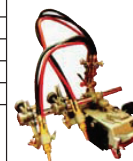
Cutting Thickness	5~100mm (0.25~4")
Cutting Speed	150~800mm (6~32")/min
Speed Control	Single cone system
Power	42/110/220V AC
Weight	9.5kg (20.9lbs) (one torch model) 13kg (28.6lbs) (two torch model)
Size	350 x 140 x 175mm

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



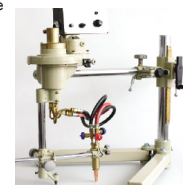
Cutting Thickness	6~100mm (0.24~4")
Cutting Speed (Standard type)	80~800mm (3~31")/min
Travelling Speed (High Speed type)	240~2.400mm (9~95")/min
Speed Control	Double cone stepless speed control system
Speed Meter	Dial indication (w/ conversion scale)
Power	42/110/220V AC
Machine Dimensions	Length 600mm (24") Width 175mm (7") Height 228mm (9")
Max. Loading Weight	50kg (110lbs)
Weight	15kg (33lbs)

TG2-600 Circular Gas 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	1.5kg

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Welding Products

Gas Pipe Cutter

PIPEMATE 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

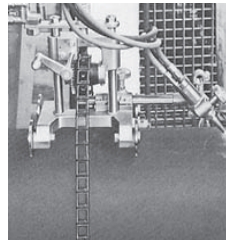
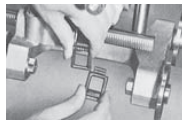
Drive is through a worm and wormwheel, the low gear ratio results in extremely smooth travel. The drive gear and gear chain are designed for maximum stability, thus reducing backlash in either direction.

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

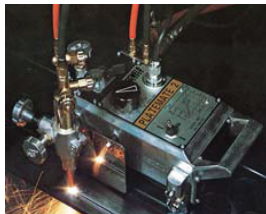
Specifications		
Machine Part No.	338534	
Pipe Diameter	100–600mm with standard chain	
Pipe Wall Thickness	up to 50mm	
Optional Accessories		
Additional 2m chain	P.N. 333094	
Included Accessories		
Cutting Tip Acetylene Size 1	1 Pc	
Tools:	Tip Cleaners	1 Pc
	Spanners	3 Pc

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	
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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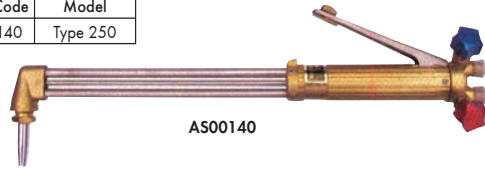
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Welding Products



Cutting Torch

Stock Code	Model
AS00140	Type 250



AS00140

Cutting Torch

Stock Code	Model
AS00371	Type 200



AS00371

Welding Torch

Stock Code	Model
AS00145	Type 6



AS00145

Welding Torch

Stock Code	Model
AS00146	Weld Master



AS00146

Tig Torch

Stock Code	Size
AS00148	150AMP



AS00148

Tig Torch

Stock Code	Size
AS00149	200AMP



AS00149

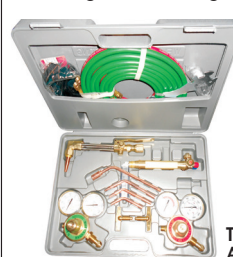
Heating Torch

Stock Code	Model
AS00150	Weld Master



Heating Torch
Type 02
AS00150

Welding and Cutting Set



Type 23
AS00152

Welding and Cutting Torch



Type 21
AS00153

Gouging Torch

Stock Code	Size
AS00171	400AMP



AS00171

Gouging Torch

Stock Code	Size
AS00172	600AMP



AS00172

Sanritsu #8575 Electrode Holder

Stock Code	AMP
AS00168	500



AS00168

Electrode Holder

Stock Code	AMP
AS00169	300
AS00170	500



AS00170

WELD MASTER

Welding Products

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Argon Regulator R-11

High Pressure: 250kgs/cm²
Low Pressure: 25 litres/min
Inlet Connection: 22mm Ø x 14th.RH
Exhaust Pressure: Standard 2kgs/cm



AS00162

Argon FlowMeter

AS00163



Nitrogen Regulator



AS00164

Carbon Dioxide Regulator

AS00166



Oxygen Regulator

Stock Code	Model
AS00155	Oxygen

AS00155



Acetylene Regulator

Stock Code	Model
AS00159	Acetylene

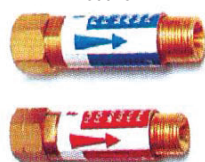
AS00159



Oxygen & Acetylene Flash Back Arrestor for Regulator

Stock Code	Model
AS00184	Oxygen
AS00188	Acetylene

AS00184



AS00188

Oxygen & Acetylene Flash Back Arrestor for Torch

Stock Code	Model
AS00175	Oxygen
AS00179	Acetylene

AS00179



AS00175

Oxygen & Acetylene Flashback Back Arrestor for Hose

Stock Code	Model
AS00372	Oxygen
AS00373	Acetylene

AS00372 AS00373



Propane Flash Back Arrestor

AS00181



British Type Hose Check Valve

Stock Code	Size
AS00391	3/8"BSP x 1/4" RH
AS00392	3/8"BSP x 1/4" LH



AS00391

USA Type Hose Check Valve

Stock Code	Size
AS00393	9/16" x 1/4" RH
AS00394	9/16" x 1/4" LH



AS00393
AS00394

Nut & Hose Nipple

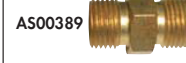
Stock Code	Size
AS00387	3/8"BSP x 1/4" RH
AS00388	3/8"BSP x 1/4" LH



AS00387

Hose Couplers

Stock Code	Size
AS00389	9/16" x 9/16" RH
AS00390	9/16" x 9/16" LH
AS00395	5/8"-19T x 9/16"-18T
AS00396	9/16"-18T x 5/8"-18T
AS00397	3/4"-14T x 3/4"-14T LH
AS00398	3/4"-14T x 3/4"-14T RH



AS00389



AS00395



AS00397

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Welding Products

Welder Fixer

Stock Code	Size
AS00400	3"
AS00401	4"
AS00588	5"
AS00589	6"



Welding Mask with Safety Cap



AS00350

Earth Clamp

Stock Code	Size
AS00190	300AMP
AS00191	400AMP
AS00192	500AMP



G Type Ground Clamp



AS00193 300AMP
AS00554 500AMP

Head Shield



AS00217

Hand Shield



AS00218

ANME Cutting Nozzle

Stock Code	Size
AS00194	1/32"
AS00195	3/64"
AS00196	1/16"
AS00197	5/64"
AS00198	3/32"
AS00199	7/64"
AS00200	1/8"



AS00194

Welding Goggle



AS00219

PNME Cutting Nozzle

Stock Code	Size
AS00201	1/32"
AS00202	3/64"
AS00203	1/16"
AS00204	5/64"
AS00205	3/32"
AS00206	7/64"
AS00207	1/8"



AS00201

Welding Spectacle



AS00220

Rock Spark Gun

AS00221



Flint Stone
AS00222

Twin Outlet Valve

Oxygen
AS00208



Acetylene
AS00209



3 Flint Spark Lighter

AS00223



Flint Stone
AS00224

Cable Connector Pin Type

Stock Code	Size
AS00210	300AMP
AS00211	500AMP



AS00210

Oxygen Key



AS00225

Cable Connector Screw Type

Stock Code	Size
AS00212	300AMP
AS00213	500AMP



AS00212

American Cable Joint 500AMP



AS00351

Welding Products

Dark Glass

2" x 4"

AS00228 No 10
AS00342 No 11
AS00343 No 12
AS00344 No 13



Clear Glass 2"

x 4" AS00229



Nozzle Cleaner



AS00226

Nozzle Cleaner (Box Type)



AS00227

Tempilstiks

Tempilstiks are made of materials with melting points calibrated to a guaranteed tolerance of $\pm 1\%$. There are a total of 103 temperature ratings with melting points systematically spaced between 100°F/38°C and 2500°F/1371°C. Most can be certified to be lead and sulfur free. Every Tempilstik is traceable by lot number to the specific batch of raw material from which it was made.



Tempilstik, Tempilaq and Tempil Pellets are available in the following temperatures:											
°F	°C	°F	°C	°F	°C	°F	°C	°F	°C	°F	°C
100	38	206	97	325	163	575	302	1300	704	2150	1177
103	39	213	101	331	166	600	316	1350	732	2200	1204
106	41	219	104	338	170	625	329	1400	760	2250	1232
109	43	225	107	344	173	650	343	1425	774	2300	1260
113	45	231	111	350	177	700	371	1450	788	2350	1288
119	48	238	114	363	184	750	399	1480	804	2400	1316
125	52	244	118	375	191	800	427	1500	816	2450	1343
131	55	250	121	388	198	850	454	1550	843	2500	1371
138	59	256	124	400	204	900	482	1600	871		
144	62	263	128	413	212	932	500	1650	899		
150	66	269	132	425	218	950	510	1700	927		
156	69	275	135	438	226	977	525	1750	954		
163	73	282	139	450	232	1000	538	1800	982		
169	76	288	142	463	239	1022	550	1850	1010		
175	79	294	146	475	246	1050	566	1900	1038		
182	83	300	149	488	253	1100	593	1950	1066		
188	87	306	152	500	260	1150	621	2000	1093		
194	90	313	156	525	274	1200	649	2050	1121		
200	93	319	159	550	288	1250	677	2100	1149		

* Series "R" tempil Pellets available in these temperatures, 550°F and below. Regular Pellets can be used for reducing atmosphere. Aerosol Tempilaq not available below 150°F/66°C.

Cable Lux

Stock Code	Size
AS00214	300AMP
AS00215	400AMP
AS00216	500AMP



AS00214

Fibreglass Tape



Size 2" x 3mm x 30m
AS00374

Fibreglass Cloth

Model No.	#3000
Stock Code	AS00250
Density	1600g/m ²
Temperature	550 °C
Resistance Capability	(Max Continuously)
Weave Type	Plain
Colour	White
Finish	Texturised
Thickness	3.0mm
Width	1.0m
Roll Length	15m



Fire Blanket



Stock Code	Size(m)
AN00609	4' x 6'

AN00609

Fibreglass Cloth

Model No.	HT800	#1700
Stock Code	AS00248	AS00249
Density	1650g/m ²	1100g/m ²
Temperature	550 °C	550 °C
Resistance Capability	(Max Continuously)	(Max Continuously)
Weave Type	Satin	Plain
Colour	Golden Brown	Golden Brown
Finish	Heat Treated	Texturised
Thickness	1.0mm	1.7mm
Width	1.0m	1.0m
Roll Length	50m	30m



Electrodes Dryer – Temperature Control Type

AS00256



Stock Code	Rod Length (mm)	Rod Weight (kg)	Capacity (W)	Ø x Over all Height (mm)	Weight (kg)	Remarks
AS00256	450	5	200	180Ø x 600H	3	Upright
AS00258	750	10	300	180Ø x 850H	7	Inclined

Electrodes Dryer – Wire Type

AS00255



Stock Code	Rod Length (mm)	Rod Weight (kg)	Capacity (W)	Ø x Over all Height (mm)	Weight (kg)	Remarks
AS00255	450	5	200	180Ø x 600H	3	Upright
AS00257	750	10	300	180Ø x 850H	7	Inclined

Electrodes Dryer – Magnet Type

AS00259



Stock Code	Rod Length (mm)	Rod Weight (kg)	Capacity (W)	Ø x Over all Height (mm)	Weight (kg)	Remarks
AS00259	550	5	600/80	230Ø x 735H	7	Level-raising base
AS00260	750	10	800/80	230Ø x 835H	11	Inclined, with 50mm level-raising

Portable Electrode Dryer



Electrode Oven

Model K-15 W/T	• Part #010102-(120V) • Part #010103-(240V)
Specifications	
Electrode Capacity	15 lbs. (6.8kg) 18" (45.7cm) rods
Volts (Specify)	120V / 240V AC/DC
Watts	150W / 150W
Thermostat	Factory preset / Field Adjustable
Temperature	Preset 275°F (135°C) Range 100°-300°F (50°-150°C)
Insulation	1" (2.54cm) Thermal Insulating Wool
Interior Dimensions	3.3"D (8.38CM) x 19"H (48.26cm)
Net Weight	13lbs. (5.9kg)
Shipping Weight	16lbs. (7.3kg)
Shipping Dimensions	10.5" (26.67cm) x 9" (22.86cm) x 22.75" (57.78cm)

AS00264



Electrode Oven

Models K-50	• Part#010201 - (120V) • Part #010202 - (240V)
Specifications	
Electrode Capacity	50 Lbs. (22.7 kg) 18" (45.7cm)
Volts (Specify)	120V / 240V AC/DC
Watts	150W / 150W
Thermostat	Factory preset/Field adjustable
Temperature	Preset 275°F (135°C) Range
Insulation	100°-300°F (50°-150°C)
Interior Dimensions	1" (2.54cm) T.I.W. 6" (15.24 cm) x 18.5" (46.99cm) x 6" (15.24 cm) x 19" (48.26 cm)
Net Weight	18 Lbs. (8.16kg)
Shipping Weight	21 Lbs. (9.53kg)
Shipping Dimensions	10.5" (26.67cm) x 9" (22.86cm) x 22.75" (57.78cm)

AS00265



Electrode Oven

Models K-450	• Part #010402 - (120V) • Part #010401 - (240V)
Specifications	
Electrode Capacity	450lbs. (204.1kg) 18" (45.74cm) rods
Volts (Specify)	120V / 240V
Watts	1000W / 1000W
Thermostat	Dial adjustable
Temperature	120V: 150°-550°F (50°-350°C) 240V: 150°-550°F (50°-350°C)
Insulation	2" (5.08cm) Thermal Insulating Wool
Interior Dimensions	19.5" (49.53cm) D x 20" (50.80cm)
Net Weight	73lbs. (33.11kg)
Shipping Weight	90lbs. (40.82kg)
Shipping Dimensions	26" (66.04cm) x 28" (71.12cm) x 26" (66.04cm)



AS00266



Stack Kit available for stacking K-450 ovens two high.
* K-450 480V single-phase available.

Electrode Oven

Holding Ovens	• Part#010301 - (120V) • Part #010303 - (240V)
Models K-200	
Specifications	
Electrode Capacity	200lbs. (90.7kg) 18" (45.7 cm) rods
Volts (Specify)	120V / 240V
Watts	500w / 500w
Thermostat	Factory preset / Field adjustable
Temperature	Preset 275°F (135°C) Range 100°-300°F (50°-150°C)
Insulation	1" (2.54cm) Thermal Insulating Wool
Interior Dimensions	12.5" (31.75cm) x 12.5" (31.75cm) x 18.25" (46.35cm)
Net Weight	53lbs. (24.04kg)
Shipping Weight	66lbs. (29.94kg)
Shipping Dimensions	19.5" (49.53cm) x 17.5" (44.45cm) x 27" (68.58cm)

AS00267



Pipe Cutting & Beveling Machines

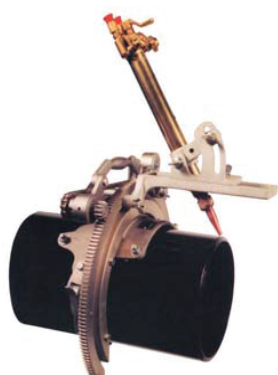
AS00268



Short Saddle Machines

- Fast Set Up
 - Accurate
- Mathey Dearman Short Saddle Pipe Cutting and Beveling Machines provides fast, clean, and accurate cuts in preparation for fitting pipe. The single piece saddle requires less maintenance. Precision machined to provide close tolerance control of movements. Using a Mathey Dearman machines, you will not waste time or material. These machines have the capability to be installed either perpendicular or parallel to the pipe. They are available in either manual or motorized form. Uses oxy-acetylene or plasma torch. Motorized machine is recommended if a plasma torch is being used.

Welding Products



Saddle Machines

Features:

- **PORTABLE** - The light compact unit is an excellent tool for shop or field applications
- **ACCURATE** - The Spacer Bolts, located on either side of Saddle, give the machine the accuracy required when cut quality fit-up
- **EASY SET-UP** - Requires little or no operator skill or training to set up and achieve the accuracy of cutting required for quality fit-up
- **PROVEN** - The Saddle, Ring Gear and Cap Ring are made of aluminum that is hard anodized to hold its accuracy and last longer
- **ADAPTABLE** - Can be used with Oxy/fuel or Plasma Torch
- **BUILD TO WITHSTAND** the construction and field environment
- **80% FASTER** than hand cutting and grinding

Stock Code Model	AS00268 MSA	AS00269 1SA	AS00270 2SA	AS00271 3SA	AS00272 4SA	AS00273 5SA	AS00274 6SA	AS00275 8SA
Manual with Spacer Bolts	03-0100-000	03-0101-000	03-0102-000	03-0103-000	03-0104-000	03-0105-000	03-0106-000	03-0106-000
Motorized with Spacer Bolts	03-0100-M00	03-0100-M00	03-0102-M00	03-0103-M00	03-0104-M00	03-0105-M00	03-0106-M00	03-0108-M00
Manual with Spacer Bolts	-	03-01S1-000	03-01S2-000	03-01S3-000	-	-	-	-
Motorized with Spacer Bolts	-	03-01S1-M00	03-01S2-M00	03-01S3-M00	-	-	-	-
Pipe Size	in/mm	1.5-4/38-102	3-8/76-203	6-12/152-305	12-30/305-508	20-26/508-660	24-30/610-762	28-36/711-914
Net WT	lbs/kg	10/5	16/7	26/12	50/22	78/35	105/48	180/82
Estimated Shipping Weight	lbs/kg	12/5.4 415/188	24/11	34/15.5	73/33	190/86	200/91	290/132
Max Speed	ipm*/mm*	141/3581	71/1803	89/2261	47/1194	53/1346	34/864	35/889
Motorized	*							
Min Speed	ipm*/mm*	4/102	4/103	6/152	7/178	7/178	8/203	5/127
Motorized	*							
Includes Spacers to cut pipe sizes***	in/mm	2", 3", 4" 51, 76, 102	3", 4", 6", 8" 76, 102, 152, 203	6", 8", 10", 12" 152, 203, 254, 305	12", 14", 16", 18", 20" 305, 356, 406, 457	20", 22", 24", 26" 508, 559, 610, 660	24", 26", 28", 30" 610, 660, 711, 762	28", 30", 36" 711, 762, 914

MagnaCut II and XM



Features:

- The MagnaCut II should not be used on heavy wall pipe or plate 2" / 51mm and thicker. The MagnaCut XM should not be used on heavy wall pipe or plate 3" / 76mm and thicker coating
- **MINIMUM SET-UP** involves only the adjustment of the cutting torch to the material height
 - **VERSATILITY** - Cut pipe or plate
 - **MAXIMUM SPEED** - Speed and direction of machine as well as Torch Arm Speed and Direction are remotely controlled from the Motor Control Box minimizing the risk of injury to the operator. It will cut pipe with a diameter of 6 5/8" / 168mm and larger.
 - **80% FASTER** than hand cutting and grinding.
 - MagnaCut II / MagnaCut XM adheres to any magnetic receptive pipe or plate with coating to 5 mils or 005" thick or less

Stock Code	Model	Code	Model
AS00486	MagnaCut II, 110 vac	AS00488	MagnaCut XM, 110 vac
AS00487	MagnaCut II, 230 vac	AS00489	MagnaCut XM, 230 vac

Cutting Range (Pipe O.D.)	Cutting Range (Pipe O.D.)	Vertical Cutting	Horizontal Cutting	Diagonal Cutting	Miter/Saddle Cutting Cap. On Pipe	Min. Speed	Max. Speed
6 5/8" / 168mm	24" / 610mm	Plate	Pipe / Plate	Plate	Shallow Mitters Or Saddles only	2" / 51 mm per min	40" / 1016mm per min

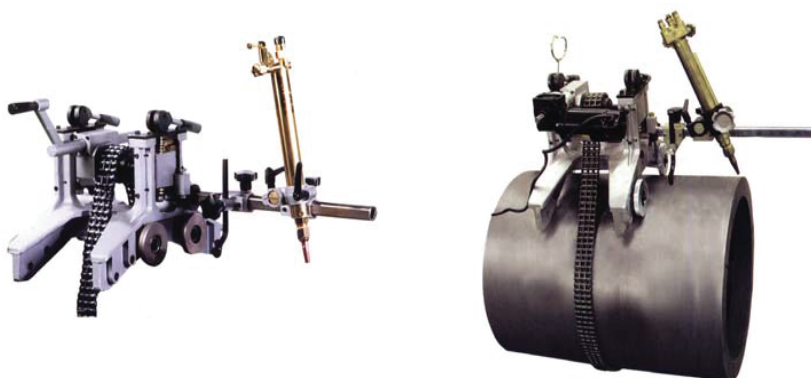
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Welding Products

CHAIN CUTTING AND BEVELING MACHINES



Stock Code	Model
AS00427	Manual Max Chain Machine
AS00428	Motorized Max Chain Machine - 115vac
AS00429	Motorized Max Chain Machine - 230vac
AS00430	Motorized Max Chain Machine - 230vac CE approval / 3 outlets

MAXI CHAIN MACHINES

Features:

The Maxi Chain Machine, which cuts pipe diameters from 4" / 102mm to unlimited, is designed to provide many years of service. CE Approved.

- MOST ACCURATE of the chain machines because of it's Triple Width Chain
- Out-of-Round Compensating Device can be moved to any point to the Torch Arm
- VERSATILE - Regardless of whether its round or out-of-round - the machine can be used to accurately cut seam welding, spiral welded and API Line Pipe
- 50% FASTER than hand cutting and grinding.
- The Rack Adjustable Torch Supports allows the piecing of the pipe away from the cut line and is moved to the cut line to reduce notching
- WILL CUT VERTICAL pipe or vessels 18 inches / 457mm and larger when used with the Guide Strips



Stock Code	Model
AS00494	Manual Mini Chain Machine
AS00495	Motorized Mini Chain Machine - 115vac
AS00496	Motorized Mini Chain Machine - 230vac
AS00497	Motorized Mini Chain Machine - 230vac CE approval / 3 outlets

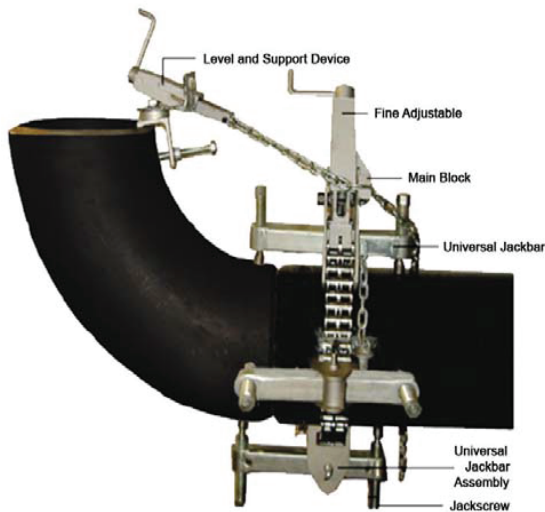
MINI CHAIN MACHINES

Features:

The Mini Chain Machine's unique design delivers exceptional performance and maximum results. Cuts pipe diameters from 2" / 51mm to unlimited. CE Approved.

- BEST CHOICE for a small shop or maintenance facility
- DURABLE and RUGGED enough to withstand the rigor of construction
- VIRTUALLY ELIMINATED the need for more than one machine regardless of the pipe diameter
- ACCURACY of the Mini Chain Machine is attained through its two wheel positions and DOUBLE Mesh Chain
- Vertical pipe or 18 inches / 457mm and larger can be accurately cut when used with the Guide Strips
- The Rack Adjustable Torch Support allows the torch to pierce the pipe away from the cut and be moved back to the line to
- 50% FASTER than hand cutting and grinding

Welding Products



Universal Chain Clamp

Features:

- **PRECISE** - Jackbars, spaced around the diameter of pipe, provide support and concise alignment the pipe internal and external diameter with in 1/64 of an inch
- **SAFE** - Kackbar can be moved backward and forward in the holder as needed for extra support under elbows, tees and other fitting
- **VERSATILE** - One chain Clamp covers the range of eight Cage Clamps
- **REFORMS** pipes to Schedule 20 Pipe and aligns pipes to Schedule 40
- Complete welding and grinding of the pipe and fitting can be performed without removal of the clamp
- Add-On jackbar can be adding to most models when pressure needs to be applied between the clamp Jackbar
- Jackscrew Pad's independently pivot to handle uneven surfaces
- Spacing Screw can be added for precise weld gap adjustment

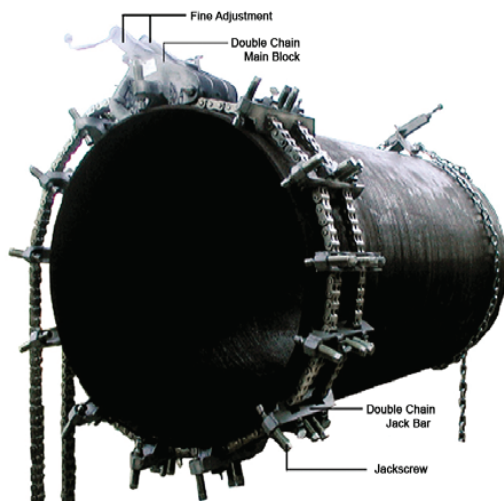


Stock Code	Model	Pipe Dia. Range		No. of Jackbars	Clamp Wt		Shipping Wt	
		in	mm		lb	kg	Lb	kg
AS00434	D2250	1-8	51-203	3	14	6	20	9
AS00435	D2249	4-16	102-406	7	42	19	70	32
AS00436	D2235	10-36	254-914	4	105	47	145	65

Available in stainless steel upon request. Ass "SS" to model number to specify.

Items include:

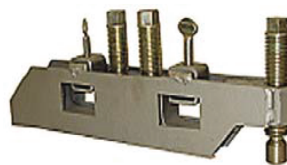
- Length of chain required for the pipe range
- Universal Jackbars listed for the pipe range
- Main Block
- Fine Adjustment
- Level and Support Device
- Jackscrew Wrench
- Storage Box
- Parts and Operating Manual
- Carton or Stainless Steel Spacing Screws (Optional)
- Jackscrews available with Swivel Pads



Double Chain Clamp

Features:

- **PRECISION ALIGNMENT** of large heavy wall pipe or vessels
- **EXTREMELY TOUCH** Jackbars form pipe to the desired shape
- **ADAPTABLE** Chain and Jackbar can be added or removed for different diameters
- **REFORMS** pipes to Schedule 20 Pipe and aligns pipes to Schedule 40
- Jackscrew pads independently pivot to handle uneven surfaces



Double Chain Jackbar

Items include:

- Length of chain required for the pipe range
- Universal Jackbars listed for the pipe range
- Main Block
- Two (2) Fine Adjustments
- D251 - 1036, D251 - 1036SS, D251 - 1048, D251 - 1048ss, D251 - 1054 & D251 -054SS Supplied with Level and Support Device. (Larger Clamps supplied with Come-A-Long)
- Level and Support Device
- Jackscrew Wrench
- Operating Instructions
- Carton or Stainless Steel Spacing Screws(Optional)
- Jackscrews available with Swivel Pads

Stock Code	Model	No. of Main Blocks	No. of Jackbars	Reform Pipe To Schedule	Align Pipe To Schedule	Pipe Size Range		Shipping Weight	
						In	mm	Lbs	kg
AS00440	D251 - 1036	1	9	80	120	10-36	254-914	320	99
AS00441	D251 - 1048	1	12	80	120	10-48	254-1219	320	99
AS00442	D251 - 1054	1	14	80	120	10-54	254-1372	300	135
AS00443	D251 - 1060	1	16	80	120	10-60	254-1524	328	148
AS00444	D251 - 1072	1	20	80	120	10-72	254-1829	387	174
AS00445	D251 - 1084	1	24	80	120	10-84	254-2134	442	199
AS00446	D251 - 1096	2	28	80	120	10-96	254-2438	498	224
AS00447	D251 - 10108	2	32	80	120	10-108	254-2743	554	249
AS00448	S251 - 10120	2	36	80	120	10-120	254-3048	610	275
AS00449	D251 - 1011F	2	39	80	120	10-132	254-3353	660	297
AS00450	D251 - 1012F	2	42	80	120	10-144	254-3715	710	320
AS00451	D251 - 1014F	3	48	80	120	10-168	254-4267	810	365
AS00452	D251 - 1016F	3	54	80	120	10-192	254-4877	910	410
AS00453	D251 - 1018F	3	60	80	120	10-216	254-5488	1010	455
AS00454	D251 - 1020F	3	66	80	120	10-240	254-6096	1110	500

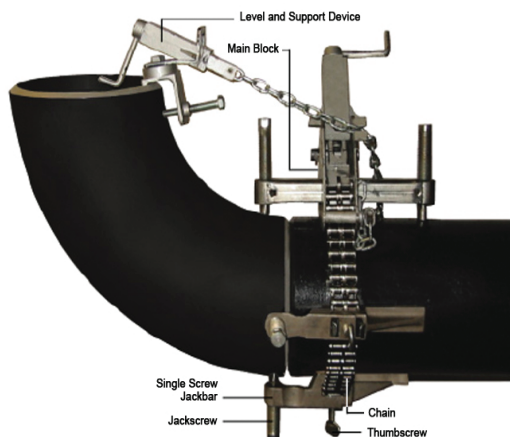
Available in stainless steel upon request Add "SS" to model number to specify.

ALLINTON ENGINEERING & TRADING PTE LTD

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Welding Products



Single Jackscrew Chain Clamp

Features:

- **ACCURATE** - Single Screw Jackbars, spaced around the circumference of the pipe, provides precise alignment of inside or outside diameter of the mating pipe to the main pipe within 1/64 of an inch
- **PRECISELY ALIGNS** J pipe wall thickness to Schedule 80
- **EFFORTLESSLY REFORMS** mating pipe wall thickness to Schedule 40 pipe
- **SAFE** - Elbow, Tees, Flanges and other fittings can be supported with the Level and Support Device reducing the risk of back injury
- **VERSATILE** - The Clamp will align and reform pipe, elbows, Tees and other fittings
- One Chain Clamp covers the range of Eight Cage Clamps
- Pipe and other fittings can be fully welded without removal of the clamp
- The Jackscrew Pads independently pivot to handle uneven surfaces
- An Add-On Jackbar can be added if pressure needs to be applied between the Clamp Jackbars
- Spacing Screws can be added for precise weld gap adjustment

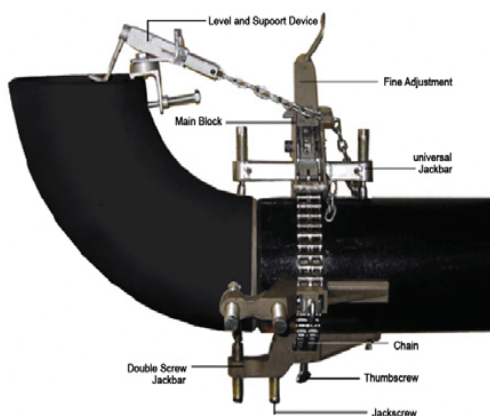


Single Jackscrew Jackbar

Items Include:

- Length of chain required for the pipe range
- Single Jackscrew listed for the pipe range
- Main Block
- Fine Adjustment
- Level and Support Device
- Jackscrew Wrench
- Storage Box
- Parts and Operating Manual
- Carton or Stainless Steel Spacing Screws (Optional)
- Jackscrews available with Swivel Pads

Stock Code	Model	No. of Jackbars	Pipe Size Range		Reforms Pipe to Schedule*	Aligns Pipes to Schedule	Shipping Wt	
			in	mm			lbs	kg
AS00470	D231	3	1-8	25-203	40	80	21	9
AS00471	D232	7	4-16	102-406	40	80	68	31
AS00472	D233	8	10-36	254-914	40	80	144	67
AS00473	D234	13	10-54	254-1372	40	80	170	79



Double Jackscrew Chain Clamp

Features:

- **CRUCIAL ALIGNMENT** - Double Jackbars, spaced around the outside diameter of the pipe, provide precise alignment and reforming of the internal or external diameters of both pipe within 1/64 of an inch
- **EXTRA CLEARANCE** Double Jackscrew Jackbar has extra clearance under the Jackbar to better facilitate Tig Welding Touch
- **SAFE** - Elbow, Tees, Flanges and other fittings can be held safely and securely in place during alignment with the Level and Support Device
- **VERSATILE** - The Chain Clamp will be used to support, align and reform elbow, Tees and other fittings that cage clamp cannot manage. One Chain Clamp covers the range of Eight Cage Clamps
- **FLAWLESSLY ALIGN** pipes wall thickness to Schedule 80
- Complete welding of the pipe and fittings can be accomplished without removal of the clamp
- Add-On Jackbar can be added if pressure needs to be applied between the Clamp Jackbars
- Jackscrew Pads independently pivot to handle uneven surfaces
- Spacing Screws can be added for precise weld gap adjustment



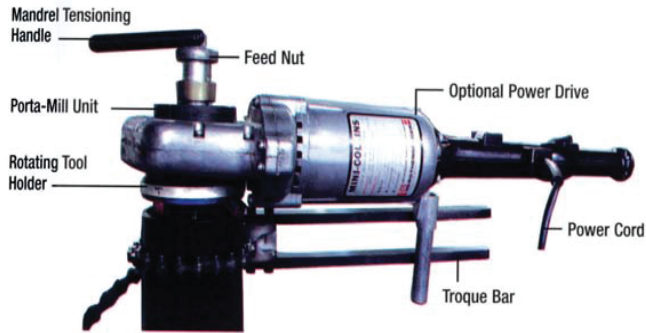
Double Jackscrew Jackbar

Items Include:

- Length of chain required for the pipe range
- Double Jackscrew Jackbar listed for the pipe range
- Main Block
- Fine Adjustment
- Level and Support Device
- Jackscrew Wrench
- Storage Box
- Parts and Operating Manual
- Carton or Stainless Steel Spacing Screws (Optional)
- Jackscrews available with Swivel Pads

Stock Code	Model	No. of Jackbars	Pipe Size Range		Reforms Pipe to Schedule*	Aligns Pipes to Schedule	Shipping Wt	
			in	mm			lbs	kg
AS00478	D250	3	1-8	25-203	40	80	27	12
AS00479	D249	7	4-16	102-406	40	80	72	33
AS00480	D235	8	10-36	254-914	40	80	144	67
AS00481	D236	13	10-54	254-1372	40	80	180	82

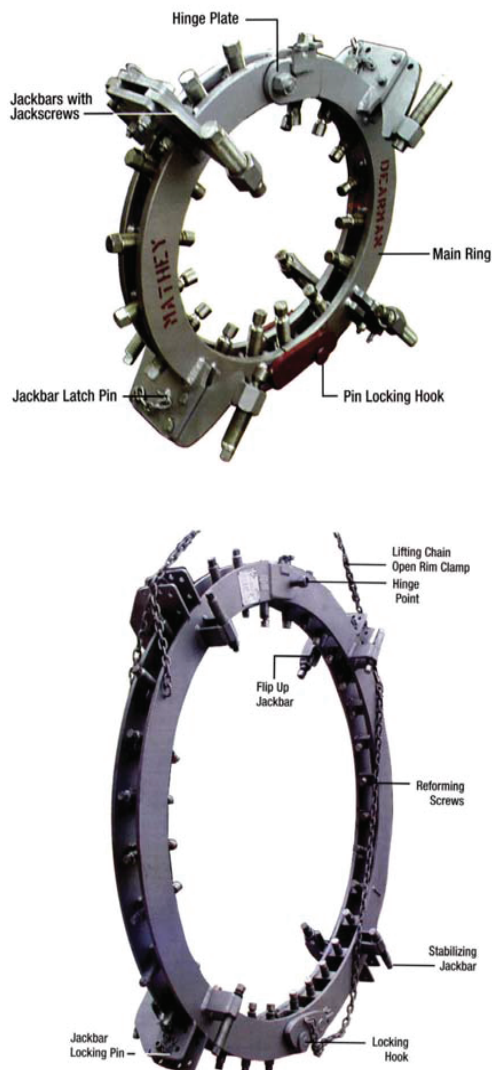
Welding Products



Stock Code	Model	Cutting Range Min-Max (in./mm)
AS00498	20	1.6/41 - 2.25/57
AS00499	31	2.5/57 - 4.25/128
AS00500	48	3.375/86 - 8.125/206

Porta-Mill ID Mounted End Machine

- **SAVE TIME** - The Porta-Mill precisely machines the pipe end assuring a better and faster fit-up
- **BEVES MOST MACHINEABLE MATERIALS** such as carbon steel, stainless steel, ductile iron, cast iron and most other alloys without spark or flame
- **FAST AND EASY SET-UP**
- **VERSATILE** - Can be used with Ridgid, Rothenburger, Amigo or Reed powered threading tool drives
- An excellent tool for the maintenance department or the small job to bevel pipe **WITHOUT SPARK OR FLAME**
- Completely **ELIMINATED NEED FOR GRINDING**
- **DESIGNED** to withstand the abuse encountered during fabrication
- **ECONOMICAL ALTERNATIVE** to the more expensive end prep machine
- **NO WAITING** for costly cutting inserts as Porta-Mill utilizes standard carbide tipped brazed tool, which can be purchased from most industrial supplies



Rim Clamp

The design of the Rim Clamp allows the three/four Jackbars on the clamps up to 10" to stabilize the clamp on the pipe. The reforming Screws, placed wherever the user wants around the pipe, can be tightened and loosened to shape the pipe to match the new piece that position and hold the second piece of pipe.

Stock Code	Model	Pipe Diameter		Weight	
		in	mm	lbs	kg
AS00501	D711-0406	4-6	102-152	40	18
AS00502	D711-0408	6-8	153-204	50	23
AS00503	D711-0810	8-10	204-255	70	32
AS00504	D711-1012	10-12	255-305	90	41
AS00505	D711-1214	12-14	305-356	120	54
AS00506	D711-1416	14-16	356-407	190	86
AS00507	D711-1618	16-18	407-458	240	108
AS00508	D711-1420	14-20	356-508	280	126
AS00509	D711-1824	18-24	458-610	350	158
AS00510	D711-2026	20-26	508-661	360	162
AS00511	D711-2228	22-28	559-712	380	171
AS00512	D711-2632	26-32	661-813	400	180
AS00513	D711-3036	30-36	762-915	420	189
AS00514	D711-3440	34-40	864-1016	450	203
AS00515	D711-3844	38-44	966-1118	490	221
AS00516	D711-4248	42-48	1067-1219	510	230
AS00517	D711-4652	46-52	1169-1321	610	275
AS00518	S711-5056	50-56	1270-1423	680	306
AS00519	D711-5460	54-60	1372-1524	750	338
AS00520	D711-5864	58-64	1474-1626	820	369
AS00521	D711-6268	62-68	1575-1728	880	396
AS00522	D711-6672	66-72	1677-1829	950	428

Welding Products



MONARCH PIPE CUTTING AND BEND MACHINE

- ONE MAN OPERATION - one man can set-up and cut pipes as large as 48" / 1219mm
- EASY TO SET-UP is realized when cutting horizontal or vertical pipes, because the bands are lightweight design
- LOW PROFILE of the Crawler only requires 6" / 152mm of radial clearance around the pipe when used with a Right angle drive Adapter
- 60% FASTER than hand cutting and grinding
- Latching Mechanism allows QUICK INSTALLATION and CLOSURE of the band on the pipe
- Alignment fingers on the end of the Band provide a POSITIVE ALIGNMENT of the band ends
- One Band Crawler FITS ALL BAND SIZES, regardless of the range of pipes sizes to be cut or beveled

Stock Code	Model	Part Nos.
AS00523	Band Machine with 9'/2.7m Flax Drive cable	05-0117-009
AS00524	Band Machine with 14'/4.3m Flax Drive cable	05-0117-014
AS00525	Motorized Band Machine, 110vac	05-0117-M00
AS00526	Motorized Band Machine, 230vac	05-0117-M05
AS00527	Motorized Band Machine, 110vac	05-0117-M06

All-Position Hydraulic Clamp

Tightened by all-position, self-retracting hydraulic jack. Lever released. Carried in stock for immediate shipment in full-range of sizes.

Size Pipe (In.)	16	18	20	22
Approx. Wt. (lbs.)	110	120	125	133
Size Pipe (In.)	24	26	30	36
Approx. Wt. (lbs.)	138	163	215	239



AS00276

Tipton Pipe Clamp

They align 2" to 36" pipe ends together for welding. Lever tightens clamp firmly around both ends of abutting pipe and cross-bars are used for alignment. Larger sizes available on request.



AS00277

Stock Code	AS00277	AS00278	AS00279	AS00280	AS00281	AS00282
Size Pipe (In.)	2	3	31/2	4	5	6
Pipe O.D. (in.)	23/8	31/2	4	41/2	51/2	65/8
Approx. Wt. (lbs.)	16	25	25	25	39	39
Size Pipe (In.)	8	10	12	14	16	18
Pipe O.D. (in.)	85/8	103/4	123/4	14	16	18
Approx. Wt. (lbs.)	42	51	59	63	95	105
Size Pipe (In.)	20	22	24	26	30	36
Pipe O.D. (in.)	20	22	24	26	30	36
Approx. Wt. (lbs.)	110	118	123	209	226	265

Wrap-A-Round

An inexpensive WRAP-A-ROUND for making straight lines around pipe or for use as a straight edge. Make out of flexible gasket material, reasonable resistant to heat and cold.

Ex-Small	Width 1.94"xLength 2'	1" to 3" pipe ...Stock No.150B	AS00283
Small	Width 2.5"xLength 2'	1" to 3" pipe ...Stock No.152B	AS00284
Medium	Width 3.88"xLength 4'	3" to 6" pipe ...Stock No.164B	AS00285
Large	Width 3.88"xLength 6'	3" to 10" pipe...Stock No.176B	AS00286
Ex-Large	Width 5"xLength 7'	4" to 12" pipe...Stock No.177B	AS00287
Ex-Large	Width 5"xLength 9'	6" to 16" pipe...Stock No.179B	AS00288
Special	Width 3.88"xLength desiredStock No.184B	AS00289
Special	Width 5"xLength desiredStock No.185B	AS00290
Special	Width 7"xLength desiredStock No.187B	AS00291



AS00283

Special sizes available on order, 3.88", 5" & 7" width to any length to 375'. All Wrap-A-Round are available in three colours to designate material type and service temperatures.

G (Gray) Regular asbestos type material, up to 250 F.

B (Black) Asbestos-free material, use to 325 F.

W (White) Asbestos-free material (high Temp) above 350 F.

Contour Markers™

For Making off Pipe Joints and Structural Angle Cuts

No. mistakes - no loss of time - regardless of the type or size of pipe joint to be welded - that's just one advantage of the CONTOUR MARKER.™

Standard for 1/2" to 18" pipe and structurals

Model including structural adaptor ...Stock No. 1

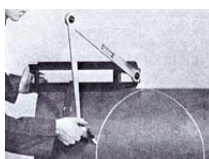


AS00293

No more "cut and try" - it eliminates the need for calculation, and is available in two sizes for marking pipe and structurals of 11/2" to 18" in cross section, and from 8" to 48" diameter.

Jumbo for 8" to 48" pipe and structurals including

Model structural adaptorStock No. 4



AS00294

VESI - MAG - HOLDER

VERSI-MAG-HOLDER This tool replaces the VERSI-MAG-TOOL, Stock No. 21. New tool will carry Stock No. 21-A. Desirable for holding welding lead or hose lengths suspended in air for structural type work. Holds all types welding torches. Squared on each end and hinged to swing 90 degree angle to act as jig or line-up for small parts, welding or machinist work. Two 25lb. Pull-magnets, cast-in aluminum body with machined V-base, hinged together with pin for flat or oval surface.



AS00292

Pro-Mag-Level

This level is designed for the fitter, welder, jig builder, for any layman who has angle or setting problems. The Pro-Mag-level is 9" in length, 2" high, 3/4" wide, weighing a total of 10oz. - a convenient pocket size. Body of level is made of strong aluminum casting to maintain lightness of tool. (scales are imprinted on front of the tool for rise in degree per foot and degrees in rise per meter. Equipped with level and 90 degrees dial marker in 2 1/2 degrees, held in place by screw with pressure washer for easy setting. Frame of level is equipped with two magnets for holding a level in desired position, allowing the layman a third hand. Above illustration shows tool in operation in two positions.



AS00295

Welding Products

Centering Head

Determines Center Line at any Degree and Measures Degree of Declivity



AS00296

With Dial-Set-Level and 8" Y-Type Head with Spring Loaded Hardened Punch. Works 1" pipe and up to large tanks.

- Establish Angles and Mark for Butt-Joints
- Locate Points Inside Pipe or Tanks
- Set Tanks
- Lay Out Keyways • Measure Declivity

Jumbo



AS00297

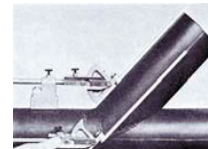
With Dial-Set-Level and 4" Y-Type Head with manual operated hardened punch. Works 1/2" pipe and up.

Stock No. 6

Standard

Fitter Weld Protractor

A 90° protractor with matching locking lever to set and hold protractor at desired angle, mounted in a 3/4" width frame with a 3/8" by 6" cast-in rod. Equipped with 5/8" by 10" arm to complete finding of angles or desired bends. Also to determine any portion of elbows or 90°. This new tool comes with a 25# pull magnetic base for holding protractor frame in position. Tool can be used manually or with magnetic base, as illustration above shows.



AS00298

Combination Adaptor Accessory

For Contour Marker™ Jumbo or Standard models

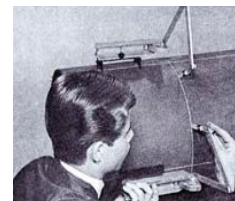
This new tool patent will prove a great advantage to the layman, allowing him to use all four sides of the CONTOUR MARKER™ in lay-outs on pipe, also structural steel. It allows him to work up to 30" pipe with the Standard Model or up to 100" pipe with the Jumbo Model by quartering or halving his pipe. With it he can mark over nipples, old welds, and without having to break the wrap so far back on wrapped pipe. The ADAPTOR allows him to work compound angles in one setting of the tool, also to mark off any portion of elbows or 90 degrees he would so desire, as you will note self explanatory illustration above. The tool is sold by your welding distributor as an accessory to the CONTOUR MARKER™

Standard Combination Adaptor.....Stock No. 2 AS00299

Jumbo Combination Adaptor.....Stock No. 5 AS00300



AS00299



AS00300

Radius Markers

THE STANDARD RADIUS MARKER folds to packet size. This sturdy, folding Radius Marker has a span of 8" for 1208, 20" for 1220, 24" for 1224 and easily swings a 16", 40", 48" circle or arc. THE JUMBO RADIUS MARKER is also the folding type; has a span of 40" and easily swing a 80" circle. These tools are precision made of rust proof aluminum dural. The Standard Radius Marker 1224 folded, measures only 9 1/4" in length, weighing only 8 oz. The jumbo Model of course, is larger. Both are equipped with special spring washers to maintain accuracy and rigidity for years of service. Pencil holder is made to hold round or flat pencils, soapstone, or steel point.

MINI.....Stock No. 1208 AS00301

SMALL.....Stock No. 1220 AS00302

STANDARD.....Stock No. 1224 AS00303

JUMBO.....Stock No. 1340 AS00304

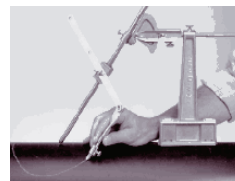


AS00301

Circle Ellipse Projector

This tool is designed for making perfect circles, ellipse or oblong circles. The tool will work on pipe, tanks, boilers, cones, or any irregular, flat or round surface. It is designed with strong magnetic base to hold in position while desired work is being performed. It also has sliding rods with protractor and locking lever to adjust for desired lay-out, and a designed chalk holder for round or flat soapstone or will receive steel scribe or pencil. This tool works from 1 1/2" circles to 18" circle. Also can be adjusted from (0) to 90 degree angle. Attachment for use on large pipe available on request.

Stock No. 14..AS00305

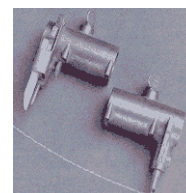


AS00305

Multi-Trammel Head

MULTI-TRAMMEL HEADS are diecast of strong durable, aluminum and are machine to accept standard 1/2" pipe or bar. Weight approximately 8 oz. per set. equipped with 1/4" thumb screws and squared on back side for perfect perpendicular alignment. One head holds 1/4" case hardened center point. The movable head holds 1/8" steel scribe, hardened to 59 rockwell. Also, the chalk holder will accept any of the marking devices illustrated in picture. Radius setting points are cast in alignment with marking pointers for easy setting. Marks from 1 1/2" circle to as large a diameter as desired, depending on length of 1/2" pipe used for trammel bar.

Stock No. 19..AS00306



AS00306

Pipe Flange Aligners

- Easily inserts itself into pipe
- Centers itself snugly against in side pipe diameter
- Automatically aligns with pipe axis.

Faster, more accurate pipe line construction is now made easy with this self-determining Flange Aligning Tool. It is quickly adjustable for all types of flanges or pipe sizes ranging from 3" to 12" in diameter.

STANDARD MODEL.....Stock No. 10 AS00307

Soapstone Holders

Soapstone, Flat, 3/16" x 1 1/2" x 5".....Stock No. 25 AS00308

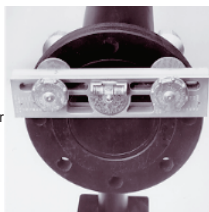
Flat Pencil, stainless case holds soapstone 3/16" x 1 1/2" x 5".....Stock No.27 AS00309



AS00307

Univer Level

Flange orientation and pipe leveling and aligning are among the many capabilities of the UNIVERSAL LEVEL. The CURV-O-MARK® UNIVERSAL LEVEL, the leveling tool that pipefitters and pipe weldors have been waiting years to get their hands on - is here! In one tool, a level, there is available all the functions of a leveling device, such as, the capability of leveling a run of pipe but also the capacity for accurately setting a predetermined pitch of a string of pipe, setting the angle of laterals to a precise degree, trueing vertical runs and "two-holing" flanges. All because the UNIVERSAL LEVEL is fitted with a CURV-O-MARK® protractor dial bubble. The CURV-O-MARK® UNIVERSAL LEVEL is a durable aluminum casting to make it light-weight and rust proof. There are two cast-in 25-pound-pull magnets [exerting a 50-pound-pull] which securely hold the level in place on any steel surface; a feature that makes for "handsfree" leveling - a welcome aid in some "tight" spots.



Stock No. 33
AS00310

Dial Angle Flange Level

This new tool is a casting equipped with the CURV-O-MARK® protractor with level and two pins held to body of level on a sliding scale. The sliding scale on body allows the use of this tools on any size flange as you always will use the two holes closest together and then revolve flange to zero on any angle to which you set dial. The two threaded, self-aligning conical spacer and conical nut and bolt units are designed to fit any size bolt hole. This method is commonly Known as two-holing a flange only in a more unique manner. The body of this tool is 1/2" thick with a machined surface, therefore, allowing the removal of pins from body and using as a regular dial degree utility level.



Stock No. 20
AS00312

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Inspection Mirrors and Pick-up Tools



AS00313



AS00314

UG-B06 Flexible Mirror with Light Tool

Type	Dia.	Length	V/O Battery	Packing
Oval	25 x 50mm	500mm	DC 2 AA's 1.5 Volts	Sliding on card 12/72pcs/2.5cuft/17.0kgs

UG-B136 Telescoping Inspection Mirror Tool

Type	Dia.	Length	Packing
Round	38mm	115 to 510mm	Sliding on card 25/200pcs/1.6cuft/11.0kgs



AS00315



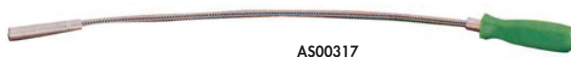
AS00316

UG-B151 Telescoping Inspection Mirror Tool

Type	Dia.	Length	Packing
Round	55mm	250 to 780mm	Sliding on card 25/100pcs/2.2cuft/19.0kgs

UG-B152 Telescoping Inspection Mirror Tool

Type	Dia.	Length	Packing
Rectangle	50x90mm	260x810mm	Sliding on card 25/100pcs/2.2cuft/19.0kgs



AS00317



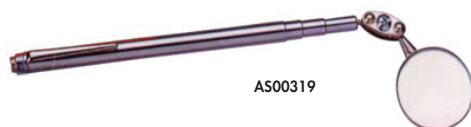
AS00318

UG-B22 Flexible Magnet Pick-up Tool

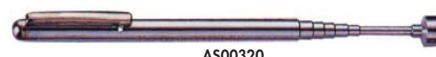
Length	Pick-up	Description	Packing
560mm	3.5lbs	PVC handle green plated, Chrome plated shank	Card 25/100pcs/1.8cuft/18.0kgs

UG-B08 Telescoping Magnet Pick-up Tool

Length	Pick-up	Description	Packing
305 to 610mm	1.0lbs	Ball joint allows head to swivel, Black PVC coated housing	Sliding on card 24/144pcs/2.2cuft/25.0kgs



AS00319



AS00320

UG-B137B 2 in 1 Magnetic & Mirror

Type	Capacity	Dia.	Length
Round	1.1lbs	32mm	250 x 500mm

UG-B15 Magnetic Pick-up Tool Heavy Duty Pocket

Pick-up	Length	Packing
3.5lbs	130 x 640mm	Blister on card 50/200pcs/1.0cuft/10.0kgs



AS00321



AS00322

UG-B2100 2 in 1 Lighted Magnetic Pick-up Tool

Capacity	Description
1.5lbs	Telescoping handle pocket

UG-B455 3 in 1 Lighted Magnetic Mirror

Pick-up	Length	Packing
3.5lbs	130 x 640mm	Blister on card 50/200pcs/1.0cuft/10.0kgs