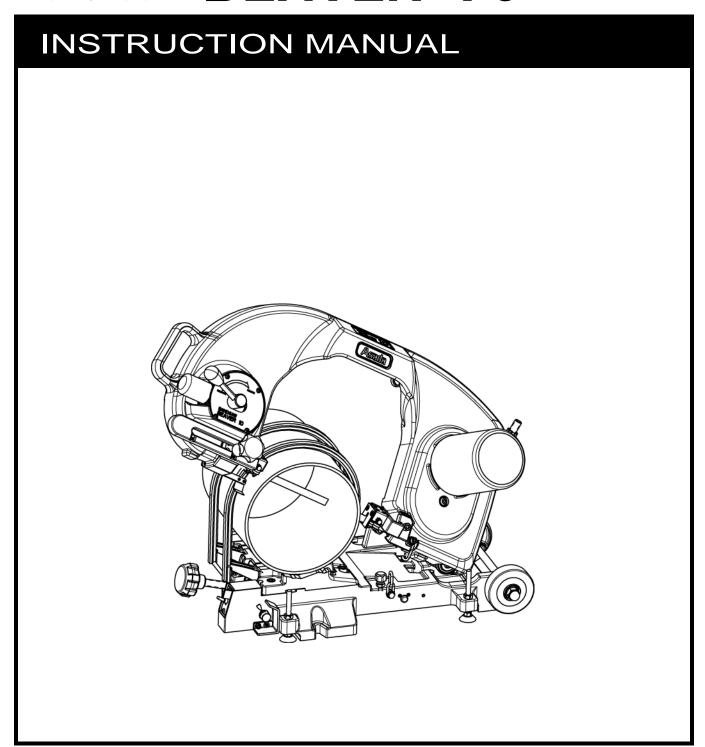


Band Saw BEAVER 10



[Read through this manual carefully before using the machine]

SAFETY PRECAUTIONS

Thank you for choosing our Band Saw Beaver 10.

- *This Instruction Manual must be retained by the user of this machine.
- *Read this Instruction Manual carefully and completely before use and thoroughly understand the usage, capacity, cautions, and easy repairs for correct operation.
- *Handle the machine properly to make full use of its functions for safe work.
- *After reading the instructions, save this manual so that you can read it when necessary.
- *Use the machine for the intended application only. It will do a better job and be safer at the rate for which it was designed.
- *Upon receiving the machine, check the following.
 - Check that the machine is built conforming to the specifications stated in your order.
 - Check the overall machine for any damage or deformation caused in transit due to accidents or other reasons.
 - Check that all items and accessories delivered.

In case any discrepancy is found, immediately report the fact to the shop you purchased or our sale office.

(The contents of this manual are subject to change without prior notice.)

CLASSIFICATION OF CAUTIONS

Precautionary signs are classified into the following 3 levels



DANGER Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.



Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.



Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.

SYMBOLS



Electric Shock



Cutting Blade



Dragging



Pinching



Splashing



Mask



Explosion



Fire



High Temperature



Falling



Earth



Rotation parts



Other



Instruction manual

OPERATING INSTRUCTIONS

⚠ DANGER



- -Always ground the machine to avoid electric shock or resultant death.
- -Do not touch the plug with wet hands.
- -Do not expose the machine to rain and water and do not use it in damp or wet locations. Humidity will deteriorate motor insulation or lead to electric shock.



- -Immediately replace Power Plug, Power Cord or extension cord, if damaged.
- -Do not hold the Power Cord and pull it to disconnect from the receptacle and do not put the machine on the cord and damage it.
- -An extension cord used should be a three-core cabtyre cable having an earth wire. Use a thick and durable cord for outdoor use.

WARNING



- -Always use the machine at the voltage indicated on Machine Plate.
- Otherwise, the machine may become hot, emit smoke or catch fire.
- -At cutting do not force the machine in a manner that the motor stops due to an overload switch.
- -Immediately replace the Power Plug, Power Cord and extension cord, if damaged.
- -If the machine has emitted smoke or took fire, do not disassemble it but have it inspected or repaired by a qualified person.



- -Never install an earth wire to the gas pipe. If attempted, explosion may take place.
- -Do not use the machine in the presence of flammable liquids or gases such as gasoline and thinner. Otherwise, ignition or explosion may take place.



- -The machine and other parts coast for a while after the switch is turned off. Never touch them while they are moving.
- -Cut surfaces are very sharp and do not touch them with your hands.
- -When it is required to touch the saw blade and moving parts for replacement, etc., switch off the machine and unplug it before starting that operation.

WARNING



-Before plugging the machine in, always make sure that the switch is OFF. If the machine remains plugged in, it will start suddenly, leading to unexpected accident or injury.



- -During operation, keep your hands and face away from the moving parts. You may be caught in the moving parts, causing injury.
- -Do not use gloves for works such as cutting. You may be caught in the moving parts, causing injury.
- -Do not wear neckties, open-sleeved clothing, knitted gloves, loose clothing or jewelry (such as necklaces). Otherwise, you may get caught in moving parts.
- -Wear caps or protective hair covering to contain long hair. Otherwise, you may get caught in moving parts.
- -When not in use or when servicing, cleaning, checking or replacing parts, switch off and unplug the machine. If the machine remains plugged in, it will start suddenly, leading to accident or injury.
- -Do not leave the machine unattended during rotating. Others may get caught in moving parts.
- -It is mandatory to use Pipe Support for long and heavy work to avoid shaking and distortion of the work during turning and tilting of the machine by the weight of the workpiece. Otherwise, the workpiece and the machine become unstable.



- -Wear safety glasses while operating the machine. Chips enter your eyes and nose.
- -Do not blow off chips using compressed air. They may get into your eyes and loss of eyesight may result.



-Use a face or dust mask if operation creates dust. Sawdust and dirt may enter your eyes and nose.



-Immediately after cutting, fragment are hot. Do not touch them directly with hands.



- -When lifting the machine, bend your knees to avoid a load on your waist.
- -The machine with chip is slippery. Do not drop the machine on your feet while lifting it.
- -Do not install the machine inclined or on an unstable place. The machine fall down, causing injury.





-Keep proper footing and balance at all times. You may tumble and get hurt.

-Do not operate the machine when you cannot concentrate on your work, e.g. when you are tired or while under the influence of alcohol, medication or drugs.

Otherwise, accident or injury may occur.

- -Before turning on the machine, make sure that hand tools used for inspection or adjustment are removed from the machine. Accident or injury may occur if you start the machine with hand tools on it.
- -Use only the accessories and attachments given in this manual and our catalogs. A failure to do so will lead to accident or injury.
- -Immediately stop the machine if something is wrong with the machine or you have noticed unusual smell, vibration, sound, etc. during operation, and refer to
- "5.TROUBLE SHOOTING" in this manual and follow the corresponding instructions.
- -Repair should only be carried out by our sales representative. Otherwise the machine may not show its performance or you may get injured. Ask the shop of your purchase or our sales office.
- -Our products are in accordance with the relevant safety rules. Do not modify them.





-Do not put the machine or workpiece on the Power Cord. Damaged cord and current leakage will occur.



- -Watch the position of your finger while lowering frame to avoid pinching of fingers.
- -Do not leave the machine with a long workpiece set on it. You may tumble and get hurt.



-Securely install accessories in accordance with this manual. Otherwise, accident or injury result.



-Before further use of the machine that is damaged should be carefully checked to determine that it will operate properly and perform its intended function.



- -If you have dropped or hit the machine accidentally, carefully check for damage, crack or deformation. If the machine is used with such defect, poor cutting accuracy, accident and injury can result.
- -Before leaving the machine for a long time, disconnect the Power Plug.
- -The work material with chip is slippery. Do not drop it on your feet.
- -Keep your work bench and area tidy and well lit. Cluttered areas and benches invite injuries.

BEAVER 10

ACAUTION



- -Do not let visitors touch the machine and Power Cord or operate the machine.
- -When not in use, machines should be stored in dry and high or locked up place out of reach of children.

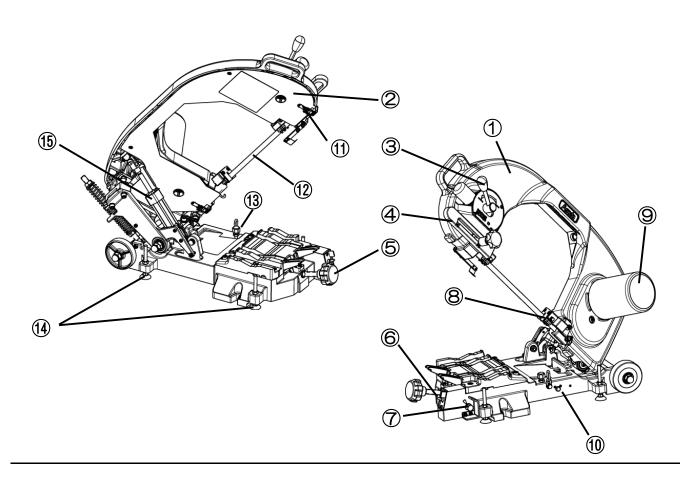
CONTENTS

1. COMPONENTS OF THE MACHINE	
1) Main Parts	6
2) Specifications	7
3) Optional Accessories	7
3-1) Saw Blade and Cutting Load Selecting Chart by material	8
3-2) Falling time of the Frame by Speed Adjust Knob	8
2. INSTALLATION	
1) Carrying the Machine	9
2) Transport	9
3) Installation	9
4) Proper working environment	11
3. OPERATION	
1) Replacement the Saw Blade	12
2) Adjustment of Blade Guide F	13
3) Clamp the material	13
4) Adjustment of Cutting speed	14
5) Cutting	14
6) Removing the Workpiece	15
4. MAINTENACE & INSPECTION	
1) Replacement of Parts	
1-1) Replacement the Pulley Rubber	15
2) Adjustment of Up-down Oblique Cutting	16
3) Daily Inspection and Maintenance	17
5. BEFORE ASKING FOR REPAIRS	· 19
6. FLECTRICAL WIRING DIAGRAM	21

1. COMPONENTS OF THE MACHINE

1) Main Parts

Warning sticker is pasted on this machine. This sticker show how to keep safety, so keep it clean. If it peeled off or it's printing disappeared, please petition our company to send new warning sticker. And affix new one on the same place.



1. Frame	7. Speed Adjust Knob	13. Stop bolt
2. Back-Plate	8. Blade Guide R	14. Height Adjuster
3. Tension Handle	9. Motor	15. hydraulic cylinder
4. Blade Guide F	10. Overload protector reset button	Hydraulic oil "VG22"
5. Clamp Handle	11. Back-Plate Stopper	
6. Power Switch	12. Saw blade	

2) Specifications

Item		Band Saw Beaver 10		
Cutting	Round Pipe	φ270		
capability	Square Pipe	□200		
Blade	de speed 0.72/0.90 m/s (50/60Hz)		Blade speed 0.72/0.90 m/s (50/60Hz)	
Motor		Condenser motor, Voltage made to order, 50/60Hz,200W		
Machine dimension		1025×445×490 mm		
Weight		56 kg		
Standard accessories		70446 Saw blade(14T.P.I Bimetal)		
		86049 Single-ended wrench (10)		

^{*}Specifications are subject to change without prior notice.

3) Optional Accessories

Code No.	Description	Pcs	Remarks
70439	Saw blade,8 T.P.I	10000	Stool overt 10mm
70439	for Band Saw 222 and Beaver 10	10pcs	Steel over t=10mm
70440	Saw blade,10 T.P.I	10000	Stool over t_9mm
70440	for Band Saw 222 and Beaver 10	10pcs	Steel over t=8mm
70444	Saw blade,14 T.P.I	10000	Galvanized Iron pipe 1/2 /
70441	for Band Saw 222 and Beaver 10	10pcs	Steel over t=6.1mm
70440	Saw blade,18 T.P.I	10000	Galvanized Iron pipe 1/2 /
70442	for Band Saw 222 and Beaver 10	10pcs	Steel over t=3.7mm
70440	Saw blade,24 T.P.I	10000	Steel under t=3.6mm
70443	for Band Saw 222 and Beaver 10	10pcs	/ conduit thin wall pipe
70444	Saw blade,8 T.P.I, bimetal	Fnon	Steel over t=10mm /
70444	for Band Saw 222 and Beaver 10 5pcs		Stainless steel pipe over t=7mm
70445	Saw blade,10 T.P.I, bimetal	Fnoo	Steel over t=8mm /
70445	for Band Saw 222 and Beaver 10	5pcs	Stainless steel pipe over t=7mm
70446	Saw blade,14 T.P.I, bimetal	Fnoo	Galvanized Iron pipe 1/2 /
70446	for Band Saw 222 and Beaver 10	5pcs	Stainless steel pipe over t=4mm
70473	Saw blade,18 T.P.I, bimetal	Fnon	Stainless steel pipe under t=4mm
70473	for Band Saw 222 and Beaver 10	5pcs	/ conduit thin wall pipe
70447	Saw blade,24 T.P.I, bimetal	5pcs	Stainless steel pipe under t=2.1mm
70447	for Band Saw 222 and Beaver 10		/ conduit thin wall pipe
			Max height: 165mm
BS620	PIPE SUPPORT	1	Min height: 105mm
			Max load:150kg

3-1) Saw Blade and Cutting Load Selecting Chart by material

*Frame falling time is controlled by Hydraulic Cylinder, and cutting time is influenced by temperature.

Set the knob at smaller number in the chart in a temperature of over 10°C and bigger number in under 10°C.

Ex) Incase of the chart shows 3~4, set the knob at "3" in over 10°C, at 4 in under 10°C.

●:3~4 ◎:2~3 ○:1~2

									Bimeta	l	
		8 T.P.I. No.70439	10 T.P.I. No.70440	14 T.P.I. No.70441	18 T.P.I. No.70442	24 T.P.I. No.70443	8 T.P.I. No.70444	10 T.P.I. No.70445	14 T.P.I. No.70446	18 T.P.I. No.70473	24 T.P.I. No.70447
	Under 3/4"				0	0				0	0
Calvanizad	1"-2 ¹ / ₂ "			0	0				0	0	
Galvanized	3"-4"			0	0				0	0	
Iron pipe	5"-6"			0					0		
	8"-10"		0					0	•		
Conduit Pipe	Thin wall					0					0
Conduit Pipe	Thick wall			0	0				0	0	
Angles,	Under 3.6				0	0				0	0
Steels &	3.7-6			0	0				0	0	
Rods	6.1-7.9	0	0				0	0	•		
(Thickness,	8-9.9	0					0	•			
mm)	Over 10	•					•				
	Under 2.0										0
Stainless Steel Pipe	2.1-3.9									0	0
(Thickness,	4.0-6.4							0	0	0	
mm)	6.5-13.5						0	•			
	13.6-18.2						•				
PVC Pipe				0	0						
Ductive Cast Iron Pipe for Drain (excluding Mortared Cast Iron Pipe)			0	0				0	•		

^{*1.} In saw blade selection, choose T.P.I. to satisfy the condition that there are two or more teeth in the thickness of a workpiece.

3-2) Falling time of the Frame by Speed Adjust Knob Setting

Reference: Falling time of the Frame (at 25 °C)

Speed Adjust scale	1	2	3	4
Falling time	27~35sec	18~24sec	13~17sec	8∼12sec

^{*}Frame falling time is controlled by Hydraulic Cylinder, and cutting time is influenced by temperature.

^{*2.} The above chart is a guideline. Select the saw blade and cutting load according to the workpiece.

2. INSTALLATION

1) Carrying the Machine





-When lifting the machine, bend your knees to avoid a load on your waist.

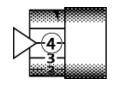
-The machine with chip is slippery. Do not drop the machine on your feet while lifting it.

2) Transport





-Set Speed Adjust Knob in "4" during transportation, otherwise It may cause a malfunction.



-Fix the machine in position so that it is stable and dose not move about while being transported.

3) Installation





- -Always ground the machine to avoid electric shock or resultant death.
- -Do not touch the plug with wet hands.
- -Do not expose the machine to rain and water and do not use it in damp or wet locations. Humidity will deteriorate motor insulation or lead to electric shock.



- -Immediately replace Power Plug, Power Cord or extension cord, if damaged.
- -An extension cord used should be a three-core cabtyre cable having an earth wire. Use a thick and durable cord for outdoor use.

WARNING

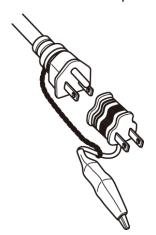


- -Never install an earth wire to the gas pipe. If attempted, explosion may take place.
- -Do not use the machine in the presence of flammable liquids or gases such as gasoline and thinner. Otherwise, ignition or explosion may take place.

- (1)Put the machine in a place free from moisture.
- (2) Put the machine on a flat surface without play or on a flat work bench.
- (3)Secure a sufficient space around the machine. A wide space is necessary particularly when working long and heavy pipe.
- (4)It is mandatory to use the Pipe Support for long and heavy pipe. Avoid excessive force applied to the machine which causes it to tilt.
- (5)Make sure that the power source is equipped with a ground fault circuit breaker to avoid electric shock.
- (6)Use an earth clip when a power receptacle without a base for grounding is used.(*1)
- (7)When an extension cord is used, use the one conforming to the applicable regulations.(*2)

*1 Confirmation of Earth (Grounding) and Earth Leakage Circuit Breaker

Before starting use of the machine, make sure that the power supply to which this machine will be connected is fitted with an earth leakage circuit breaker for prevention of electric shock (earth leakage circuit breaker) which conforms to the occupational safety and health law, electrical equipment technical standard, etc.



Always ground this machine. It is recommended to ground the machine for your own safety if it is used with a power supply which is fitted with a current-operated earth leakage circuit breaker having the rated sensitivity current of 15 milliamperes (mA) max. and the operating time of 0.1 seconds max.

When the receptacle used does not have a ground slot, the earth clip and earth (ground) wire, confirm that they are without fault.

When you have a tester or an insulation resistance meter, check for continuity between the earth clip and the machine's metal frame. Grounding work (for example, burying the earth pole (earth plate, earth bar)in the ground and connecting the earth (ground) wire) must be done by a qualified electrician.

*2 Extension Cord

When an extension cord is required for use with a distant power supply, is should be thick enough to carry a current and as possible to ensure that the product is used with the maximum efficiency without a failure. The extension cord used must be a three-cord cabtyre cable having one earth (grounding) core.

4) Proper working environment

The working area should be put in order following the clauses in "OPERATING INSTRUCTIONS".

Noise Prevention Control

Noise is controlled as set forth in relevant regulations. The machine must be operated at less than the control value to avoid discomfort to the neighborhood. Sound barriers may be required under some circumstances.

3. OPERATION

1) Replacement the Saw Blade

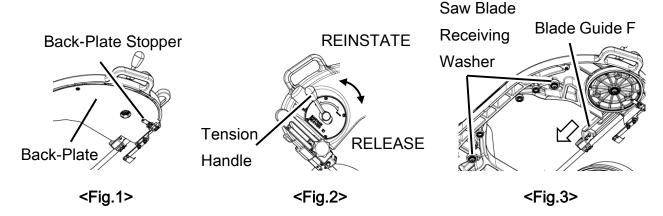




- -Be sure to unplug the unit from power supply before changing the blade.
- -When a new saw blade is used, test cuts are required as it is liable to cut obliquely.

 First few workpieces should be cut at about a half the ordinary cutting speed.-
- -Install the saw blade after completely wiping oil and dirt off.
- -Use the genuine ASADA Band Saw Blade.
- -Band Saw Blade is sharp, so don't hand with bare hands.
- (1) Remove the Back-Plate Stopper to take off the Back Plate. <Fig.1>
- (2) Turn the Tension Handle to "RELEASE" direction. <Fig.2>
- (3) Slide the Blade Guide F forward. <Fig.3>
- (4) Fix new saw blade into the Blade Guide carefully on both sides.
- (5) Place saw blade on Pulley and hold saw blade in Blade Guide.
- *For easy setting, catch saw blade with the Saw Blade Receiving Washer.
- (6) Turn the Tension Handle to "REINSTATE" direction.

*Before turning on switch make sure saw blade is on Pulley.



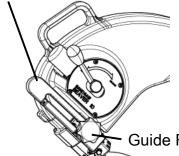
2) Adjustment of Blade Guide F





-Adjustment of the blade guide F will affect the cutting precision and life of the Saw blade.

Blade Guide F

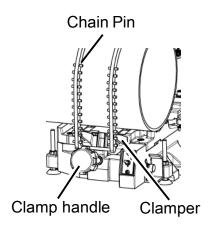


- (1) Loosen the Guide F adjustment Knob.
- (2) Set Blade Guide F as close as possible to the workpiece.
- (3) Tighten the Guide F adjustment Knob.

Guide F adjustment Knob

<Fig.4>

3) Clamp the material



Place the material to be cut so that it will be contact the V-Groove of the vise, grip the chain Handle and pull the Chain over the material. Next, clamp the Chain Pin with the Clamper and then turn the Clamp Handle to clamp tight the material to be cut. Since the Clamp Handle is a Crank-Type extra tightening is possible.

<Fig.5>

4) Adjustment of cutting speed



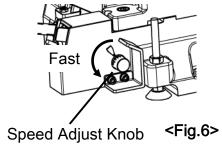


-Choose the T.P.I Blade, considering also shape of the materials.

Refer to the Instruction manual p8 or Operating Manual sheet.

-Operate the cutting speed which matches the workpiece.

If you use wrong T.P.I Blade or wrong cutting speed, blade won't work well and it will be broken.



When the Speed Adjust Knob is turned in the direction of an arrow, cutting Speed speed becomes fast.

Cutting speed scale

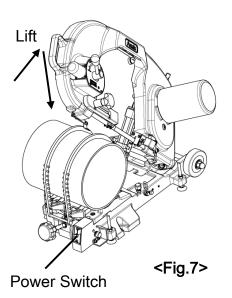
Slow $\leftarrow 1$ 2 3 $4 \rightarrow$ Fast

5) Cutting





- -When plug into the power source, make sure to switch off.
- -Do not bring your hand and face close to moving part and Saw Blade.
- -Do not wear gloves while operating the unit.



- (1) Turn the Speed adjust knob to "4"
- (2) Lift the Frame to turn the stopper and lower the Blade slowly. Be careful not to allow the Saw Blade to hit the workpieces.
- (3) Turn power switch on and set the Speed adjust knob to proper speed for the workpieces.
- (4) Blades stops automatically when cut is completed.

6) Removing the Workpiece

After cutting ends, removing the workpiece.

*Loosen the Clamp Handle and unclasp chain. Next, remove the workpiece on the unit.





-Immediately after cutting, fragment are hot. Do not touch them directly with hands. Wait for a while or hold the pipe with a cloth. Otherwise you may get burned.

4. MAINTENACE & INSPECTION

1) Replacement of Parts

1-1) Replacement the Pulley Rubber

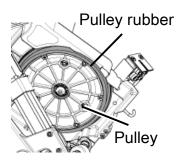
When the Pulley-Rubber wears down, the Saw Blade may come off or slip. Change can be done easily by removing the Pulley, but it can be replaced while still in the machine. If you change it, change Pulley-Rubber meanwhile both front and rear.



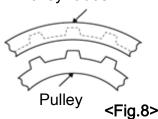


-Before replacing the pulley rubber, always disconnect the power cord.

The machine may start suddenly, leading to injury.



Pulley rubber



- (1)Detach saw blade referring to page 12 "Replacement the Saw Blade"
- (2)To remove the pulley rubber, pull out its outer periphery by hand.
- (3)Extend a new pulley in the circumferential direction and fit it into the highs and lows of the pulley in sequence. <Fig.8>
- (4)After fitting, hand-turn the pulley and make sure that the rubber fits in the highs and lows completely.
- *Always wipe oil, if any, off the pulley rubber.

2) Adjustment of Up-down Oblique Cutting



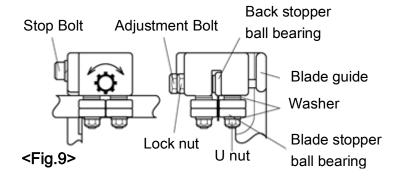


-Before correction for oblique cutting, always disconnect the power cord.

The machine may start suddenly, leading to injury.

*If the saw blade cuts obliquely, check for worn bearings in the blade guide heads.

- -When the back stopper ball bearing is worn
- Remove the blade stopper bearing, remove the adjustment bolt, and change the back stopper ball bearing. (For bolt F and R)
- -When the blade stopper ball bearing are worn Change all the blade stopper ball bearings. (For bolt F and R) The bearing will come off by removing the U nuts under the bearings.



*If oblique cutting still persists after bearing replacement, make corrections in the following procedure:

- (1)Prepare a 4" galvanized pipe.(Other materials acceptable.)
- (2)Cut it once in an ordinary state. (Mark the pipe end face to indicate which side is top or bottom.)
- (3)After rotating the pipe a half turn, cut it once more to a length of about 5mm. (Mark the pipe end to indicate which side is top or bottom and right or left.)

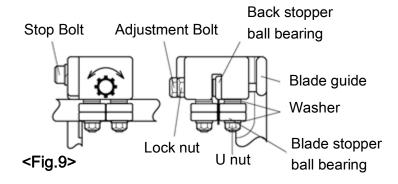




-Immediately after cutting, fragment are hot. Do not touch them directly with hands. Wait for a while or hold the pipe with a cloth. Otherwise you may get burned.

- (4) Measure the top, bottom, right and left lengths of that butt end with a rule, vernier calipers or the like.
 - A difference between these lengths indicates an oblique cut. An oblique cut value is a half of this difference.
- (5)When there is a difference between top and bottom lengths, detach saw blade referring to page 12 "Replacement the Saw Blade".

- (6)Loosen the two Bolts of Blade Guide and the Lock Nut of Blade Guide Head, and turn the adjustment bolt clockwise or counterclockwise to adjust the angle of the blade guide head.
- *When the top length is larger: Turn the adjustment bolt counterclockwise.
- *When the bottom length is larger: Turn the adjustment bolt clockwise.
- *A half turn of the adjustment bolt allows adjustment of about 0.8mm. (For 4" pipe) Always adjust the blade guides F and R to the same value. (After adjustment, always make sure that the end of the adjustment bolt makes contact with the surface of the blade guide.)



- (7)Install saw blade referring to page 12 "Replacement the Saw Blade".
- (8) Confirm the oblique cutting according to the procedure (1)-(4)

3) Daily Inspection and Maintenance



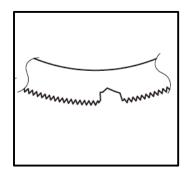


-Do not wet the motor with water.

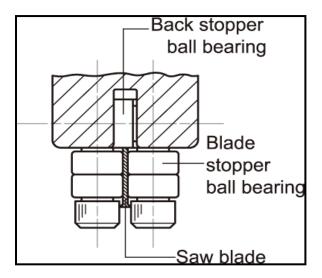
*Immediately replace Power Plug, Power Cord and extension cord, if damage.

*Check the saw blade for chipping or damage. Replace if chipping is found. (For the saw blade replacing procedure, refer to page 12 "Replacement the Saw Blade".)





*Check the blade stopper ball bearings and back stopper ball bearings. If they are not set correctly, cutting accuracy will decline. When the ball bearings are worn, replace them as soon as possible. (Replace all the bearings on both sides.)



^{*}Check for loose fitting screws of parts. If used loosened, danger can result. Retighten them.

^{*}Completely wipe off dirt and chips from the machine.

^{*}Check cylinder, hose and speed adjust knob if there are oil leak. If find oil leak, stop using this machine and ask our company to do those repairs.

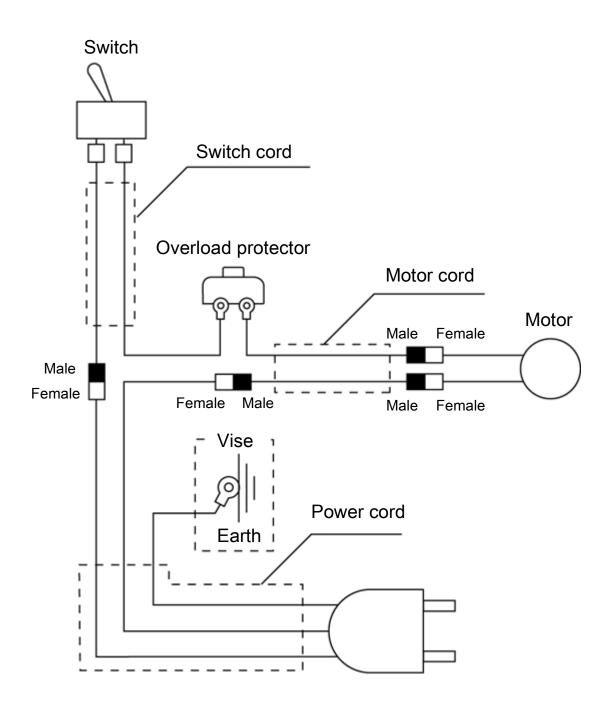
^{*}Coat the machine with rust preventive grease when the machine is not used for a long period of time.

5. BEFORE ASKING FOR REPAIRS

Trouble	Possible Cause	Solution		
	Test cuts not enough.	When a new saw blade is used, it is liable to cut obliquely and test cuts must be made. If cut obliquely occurred, this saw blade will probably make cut obliquely even so doing adjustment of updown oblique cutting. So, change to a new saw blade and do test cuts surely before using.		
	Cutting speed is not suitably.	Adjust cutting speed according to the workpiece.		
	Saw blade setting improper.	Securely set the saw blade into the blade guide bearings.		
Oblique	Saw blade used caused oblique cut before, or saw blade is worn.	Replace the saw blade.		
cutting	T.P.I. not matching workpiece.	Select the saw blade having T.P.I which matches the workpiece.		
	Blade guides or bearings worn.	Replace the bearings. (Replace on both sides at the same time.)		
	Workpiece moved during cutting.	Tighten a rectangular workpiece so that it is as low as possible.		
	Workpiece tightening improper.	Tighten the workpiece in contact with the V groove or flat surface.		
	Tension handle settng improper.	Securely set the tension handle in its tightening direction.		
	Slide blade guides not near enough.	Set the slide blade guide nearer to the workpiece.		
	Saw blade is not genuine.	Use the genuine saw blade.		
	Cutting speed is not suitably.	Adjust cutting speed according to the workpiece.		
Cutting time long.	T.P.I. not matching workpiece.	Select the saw blade having T.P.I which matches the workpiece.		
	Saw blade worn.	Replace the saw blade.		
	Cutting load heavy.	Set the cutting load adjustment according to the workpiece.		
Saw blade chipping.	Workpiece moved during cutting.	Tighten the workpiece in contact with the V groove.		
	Saw blade hit the workpiece.	Put the saw blade onto the workpiece gently and release your hand from the handle.		
	T.P.I. not adequate.	Use the saw blade having T.P.I. adequate for the workpiece.		

Trouble	Possible Cause	Solution
	Tension handle not set in tightning direction.	Set the tension handle in the tightening position.
	Installation of Back-Plate is bad.	Move mounting position of Back-Plate Stopper.
Vibration while sawing.	Adjustment of blade guide F.	If blade guide F is really close to a workpiece, it may cause vibration. So, separate blade guide F and workpiece 20-30mm.
3	Wobble of the body.	If fixed aspect is not flat and the body have wobble, these things may cause vibration. In this case, before using this machine, pitch Height Adjuster and make the body no wobble.
	T.P.I. not matching workpiece.	Select the saw blade having T.P.I. which matches the workpiece.
Saw blade coming off	Saw blade setting fault.	Re-set the saw blade until it makes contact with the back stopper
	Saw blade or Pulley rubber or Workpiece or Blade guide and bearing stained with oil.	Wipe oil off the Saw blade or Pulley rubber or Workpiece or Blade guide and bearing and re-set it.
	The movement of Following Pulley is poor.	Remove foreign matter to run the following pulley smoothly.
	Tension handle tightening fault.	Set the tension handle in position.
	Pulley rubber worn.	Replace the pulley rubber.
Saw blade sinking	Saw blade lower than workpiece at end of cutting	Adjust the stop bolt to raise the saw blade position.
	Overload protecter activated.	Press the overload protecter re-set button.
Motor will not run	Voltage dropped or long extension cord used. Various machines connected to the same receptacle.	Use an extension cord of large capacity. (Refer to page 10.)
Workpiece cannot be clamped	Clamp bolt worn.	Replace the Clamp bolt.

6. ELECTRICAL WIRING DIAGRAM



CUSTOMER NOTE

Please enter the following for future use. This note will be useful in making inquiries and placing purchase orders for part

SERIAL NO,:

DATE OF PURCHASE:

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