

PIPE(TUBE) CUTTER Of Best Technology

S-Cutter Manual



S-150



S-500

Safety Precautions

Thank you for purchasing S-Cutter.

This is the instruction to prevent property damage, ensure the correct use and safety of the user.

Please read these instructions carefully before use.



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Precautions for the safe use



- 01 Keep workshop clean.**
Untidy workshop and work table may cause accidents.
- 02 Consider your work environment.**
Do not let it wet.
Do not use in damp or humid place.
Install bright lighting in the work place.
Do not use near flammable liquids or gases.
- 03 Protect from electric shock.**
Avoid to touch grounded parts(i. e. Water pipes, heaters, ranges, refrigerators).
Use it grounded.
- 04 Do not let outsiders access.**
Do not let the outsiders in contact with tool or extension cord.
Do not let visitors access to the work area.
- 05 Keep the product safe.**
Cut off the power when the tool is not in use, and keep it where it is not accessible to outsiders .
- 06 Do not work in an overload condition.**
Within the range of the specified output allows you to work more efficiently and securely.
- 07 Always use the proper tools.**
Use the supplied standard accessories.
Do not use tools outside of the scope of work or the intended use of the tool.
- 08 Dress properly.**
Do not wear loose clothing or jewelry. You may be hurt by the moving parts of the tool.
It is recommended to wear non-slip footwear for outdoor work.
- 09 Be sure to wear safety glasses and protective gloves.**
Scattering tips can cause serious injury to the eyes, or injury, such as burns.
- 10 Do not abuse the cord.**
Do not drag the product by grasping the wire.
Do not pull the wire when disconnecting the plug.
Protect wire from heat, oil and sharp edges.
- 11 Secure the workpiece.**
Secure the workpiece by using a lock.



12 Focus on the job.

Please note the fall, and cut piping pinch.

13 Manage the product carefully.

Keep the product clean and efficient for safe operation.

Manage with the proper lubricant, apply a corrosion inhibitor to prevent corrosion when not in use for a long time.

When replacing the management regulations and tools, comply with the instructions.

Check plugs and wires regularly and contact experts to repair the damage.

Check connection cables regularly and replace damaged parts.

Keep the control board dry and avoid getting oil or grease.

14 Remove power.

When not in use, checked, or replaced, turn off the switch.

(Press the emergency stop switch before work.)

15 Please check before operation.

Make sure that the tool(blade) has been tightened, blade direction and the direction of rotation.

Make sure that the piping is tightened.

Make sure the piping direction of rotation. (Check reverse rotation switch Forward(CW))

Make sure that the cutting, chamfered speed and rotational speed.

16 Be careful of operating the machine accidentally.

Do not carry when the power is connected.

When turning on, make sure that the operation switch is off.

17 Connecting wires outdoor

The wiring is licensed for the purpose of using the corresponding display.

18 Be cautious all the time.

Observe work process and process accordingly.

Do not use this product if the concentration is blurred,

Do not operate by force the cutting speed and rotational speed.

19 Make sure that there is no damage on the product.

Make sure that safety devices or slightly damaged parts operate perfectly before reuse.

Make sure that the product is not stuck or damaged.

The perfect operation is guaranteed only if all the parts are perfectly assembled and adjusted.

Damaged safety devices or parts must be replaced or repaired in customer service center unless it was mentioned differently.

20 Caution!

For your safety, use the parts and tools indicated on the manual or recommended by the manufacturer.

Use of other parts or additional tools that are not recommended on the manual and catalog may occur accidents.

21 Repair request to the experts

The product supplied is matched to the corresponding safety regulations.

The repairs should be referred to a qualified technician and if not, there is a risk of accidents.

Please keep the following precautions



- ➡ The instructions in this owner's manual contains information that is important to the safe use of this product.
 Not following these instructions can cause death, serious injury, and massive property damage.

- ➡ 'Warning' and 'Caution' are indicated and the meanings are as below.

Sign		Description
	Warning	∴ If violated, serious injury or death may occur.
	Caution	∴ If violated, serious injury or death may occur. ∴ If violated, failure or performance degradation may occur.

- ➡ In order to prevent accidents that may occur when handling or using this product, precautions are recorded. As these warnings and cautions do not indicate all the cases that may occur, please pay attention when working or storing. Read carefully to avoid accidents.
- ➡ Special safety precautions
 'warning' or 'caution' are a caution: Injury or danger may occur under certain conditions.



Warning

- **Make sure the power is connected to the ground.**
Leakage current due to electric shock may occur if the product is not connected to the grounding.
- **Do not pour water or cutting fluid.**
Due to water or other liquids on the electric motor, electric shock, or death may occur.
Use cutting fluid until tools are slightly wet.
- **Do not use tools in wet conditions or rain.**
Serious injury or death may occur by electric shock.
- **Avoid fingers, hands or clothes to touch the blade while operating.**
When fingers, hands, or other body parts stuck in the machine, it may occur serious injury.
- **Avoid fingers, hands or other body parts to touch where pipe and roller meet while operating.**
When fingers, hands, or other body parts stuck in the machine, it may occur serious injury.
- **Before supplying power to the product, be sure to turn off the operation switch.**
Plugging in with the switch on may cause sudden rotation and occur serious injury.
- **Do not let any part of body to touch the compression device of product.**
Serious injury may result.
- **Make sure to wear safety equipment.**
Chips generated during the operation may scatter and cause serious eye injury.



Caution

- **Use certified tips (Over national certification) for indicated methods.**
If violated, performance degradation and serious injury may occur.
- **Do not leave the product rotated.**
workers may result in bodily injury.
- **Place cutting chips safely.**
When cutting chips meet flammable substances, it may cause fire and burns.
- **Wear gloves and long-sleeved clothes to wear.**
Scattering chips can cause burns.
- **Use Extension cord as short as possible.**
If too long or too thin, it may cause overload.
- **Operation before commissioning.**
Check the machine before use for safety.

Checked before use



1. Check the circuit breaker

Make sure the system is powered on the circuit breaker is installed.
 Check that earth leakage breakers are installed in every power system.
 Make sure that the ground wire is connected to the powered system.

2. Extension cord

When far away from the location of the power use an extension cord. Use the connecting cord appropriate length and thickness of the flow of current, in order not to interfere. If too long or too thin, it may cause overload and lower the power of the motor. Use it as short as possible.



If the cord is damaged it must be replaced or repaired immediately.

3. Check the power

Be sure to use the power listed on the nameplate.

4. Check the switch is off



Unaware that the switch is turned on, the number of accidents due to a sudden rotation of the plug is inserted in the power being.



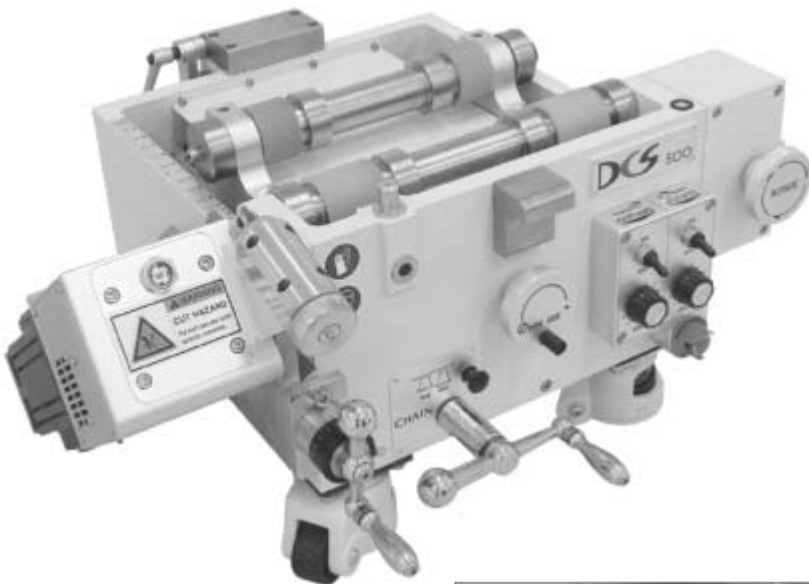
PIPE(TUBE) CUTTER Of Best Technology

S-500

Equipment required for Stainless steel plumbing!

The world's first! Rotating pipe cutting system selected!

Equipment capacity : 3/8" ~ 20"
(Pipe O.D 16mm ~ 510mm)



How to use product

How to use S-500

Before use

Please read about how to use manual provided by the headquarter or suppliers.
 Users must be educated before use.

Make sure to remove the power exchanges when cutting or beveling.

Make sure to connect the grounding, and confirm the voltage.

Make sure to wear protective equipment such as protective glasses before work.

Beware of burns when using chamfering tools which is extremely hot after operation.

Beware of burns by gearbox in case of prolonged use.

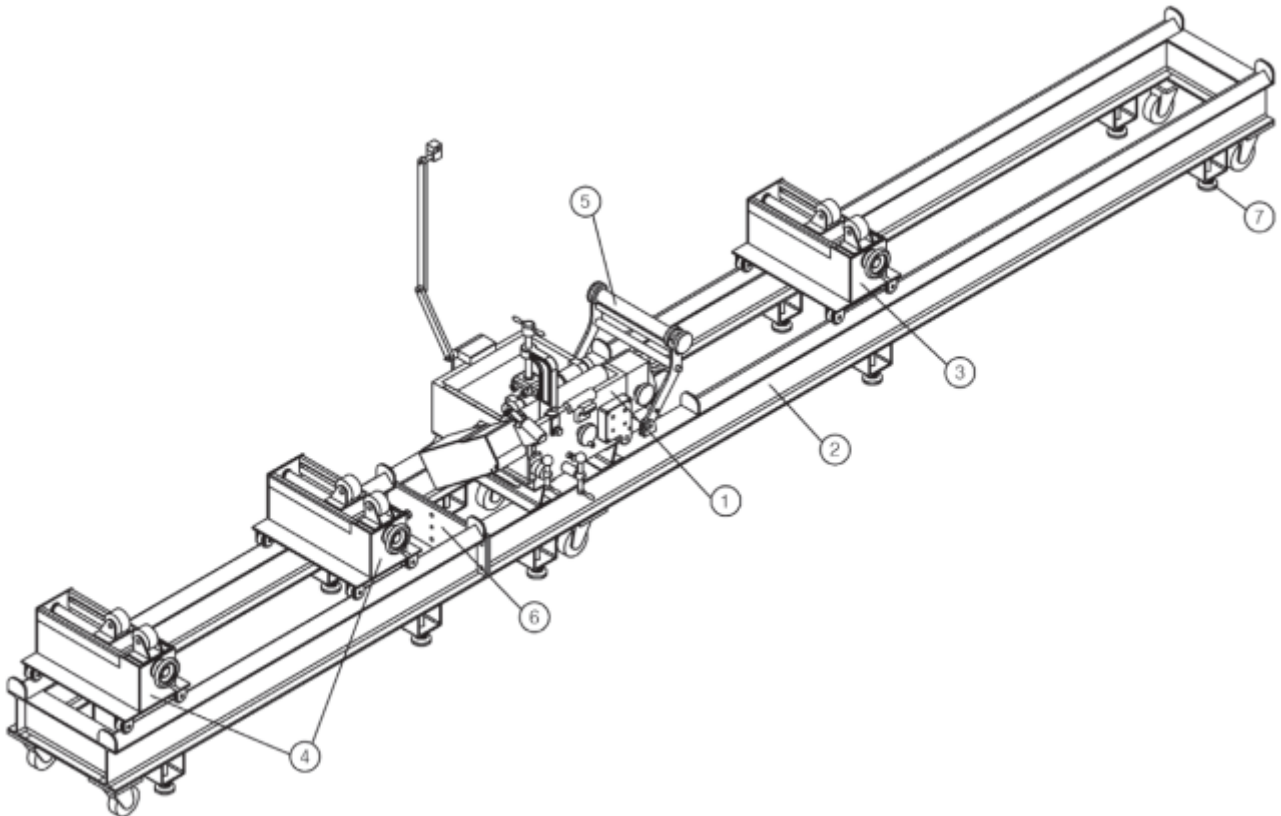
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09. Rotate adjustment
10. Emergency stop switch
11. Maintenance and inspection
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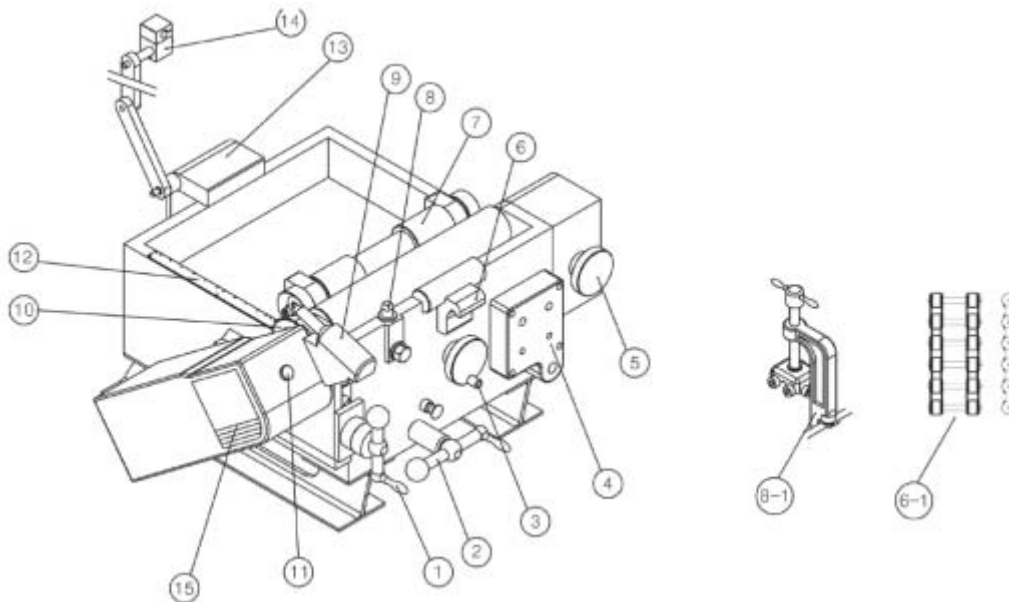
1. Names of parts and controls

- Name and Function of Each Part



NO	Name	Function
1	S-500	PIPE Cutting & Beveling M/C
2	S-500PR	Equipment Table & PIPE Rail
3	S-500PS	PIPE Transfer device (Fixed)
4	S-500PS	PIPE Transfer device (Flow)
5	S-500RS	PIPE Transfer device(Lift Roller)
6	Split plate	Removable rails(split load when moving)
7	Controller	Horizontal alignment equipment rail

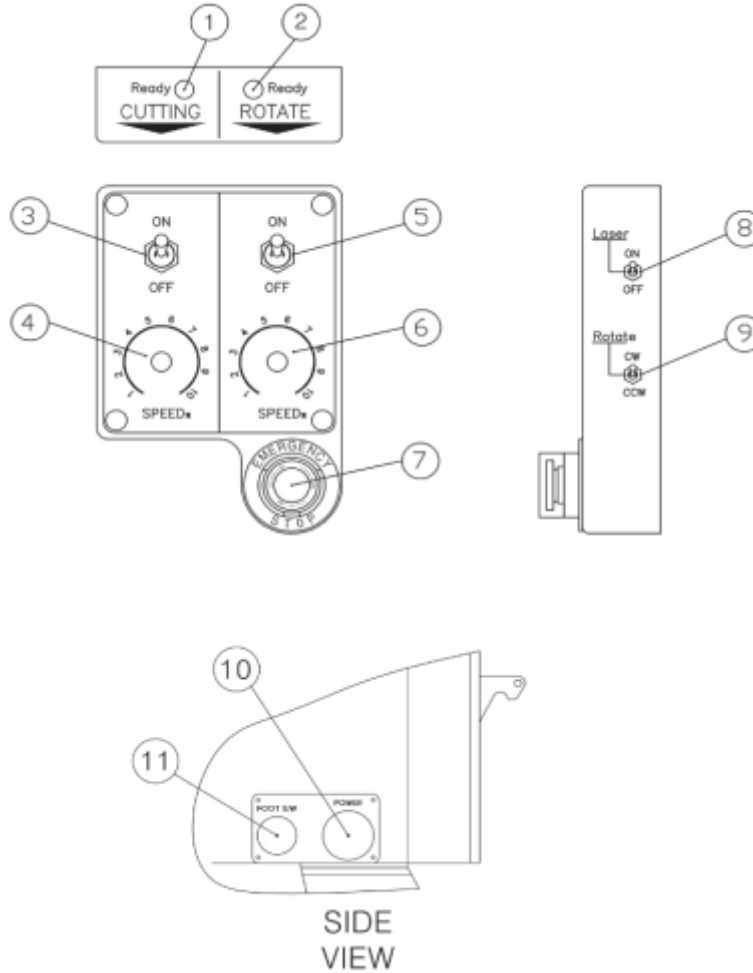
● Function name



NO	Name	Function
1	Cut Handle	Cutting blade in/out
2	Chain handle	Chain fixing handle
3	Diameter adjustable handle	Roller location according to the specifications of the pipe
4	Control Panel	Machine Control
5	Rotating Handle	Pipe rotation handle
6	Chain Ring	Chain lock
6-1	Chain	Use when Large caliber work (50A~500A)
7	Spacing roller	Pipe rotation roller
8	Vise pin	Use when small caliber work(15A~50A)
8-1	Vise	Use when small caliber work
9	Anti-jamming device	Cutter blade pinch protection
10	Cutting / chamfering cutter blade	Cutting/Chamfering
11	Oil supplements	Oil supplements
12	Thickness ruler	Roller spacing standard ruler by the diameter
13	Chain jack	Chain pull device
14	Laser	Chain controlling
15	Cooling fan	Cutting box cooling



● Names of controls

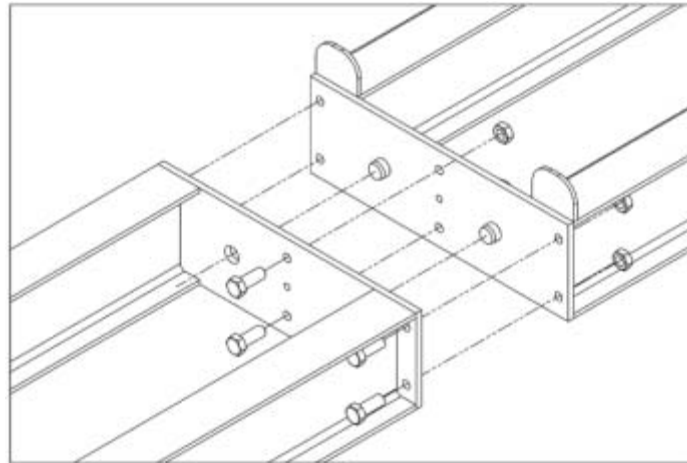


NO	Name	Function
1	Cutting and Chamfer Lamp	Cutting preparation Lamp
2	Rotating Lamp	Pipe rotating preparation Lamp
3	Cutting switch	Cutting ON/OFF
4	Cutting Volume controller	Cutting Speed adjustment
5	Rotate switch	Rotate ON/OFF
6	Rotate Volume controller	Rotate Speed adjustment
7	Emergency Stop Button	Emergency Stop and turning of the alarm
8	Laser switch	Laser ON/OFF
9	Forward and reverse rotation switch	Pipe forward and reverse rotation
10	Power	Power supply connector
11	Foothold switch	Foothold switch connector

2. Installing the Equipment Table

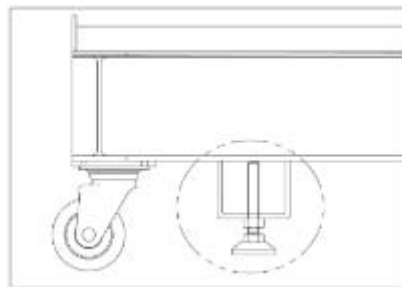
2-1. Rail Assembly

Connect alignment pins on detachable rail to the holes on the opposite rail, and fix with bolts(6 pieces).



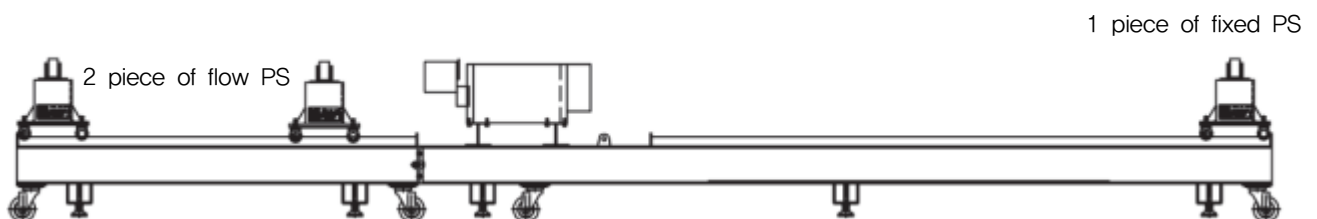
2-2. Check the horizontality of rails

Place rails vertically by using height-adjustable rulers on each part.



2-3. S-500PS installation

Place 1 piece of fixed PS on the right side of equipment and connect the machine and pipe.
 Place 2 pieces of flow PS on the left side and connect the pipe flexibly.

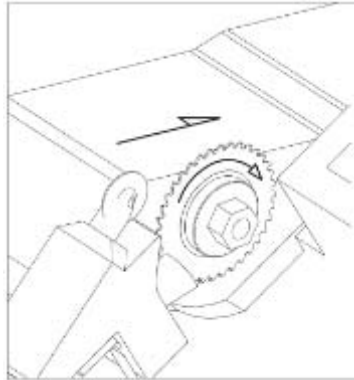




3. Replacing the cutter blade

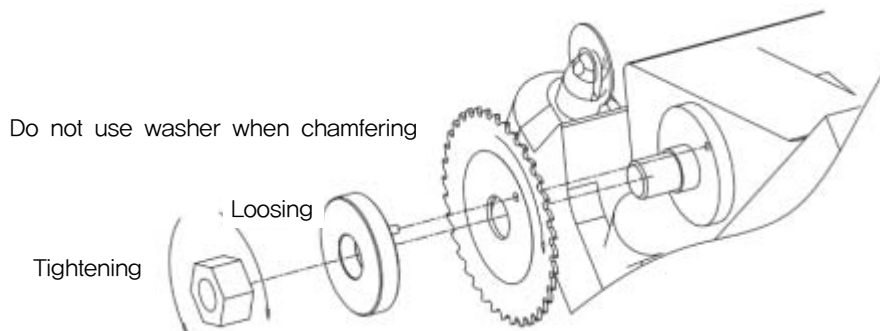
3-1. Check the rotation direction of cutter blade

Check the accordance of direction of the arrow on gearbox and cutter blade.



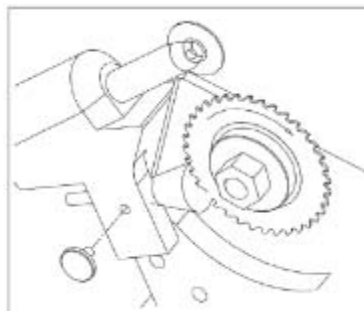
3-2. Replacing the cutter blade

- When cutting, meet the axis with the hole on cutter blade, fix with the pin on washer and tighten the appointed nut(M14 left screw) by using a wrench (22mm) and turning left.
- When chamfering, place chamfer blade on the axis and use the appointed nut(M14 left screw).



3-3. Fixing brush

- Fix stainless steel brushes by attaching on cutting blade(enhancing saw blade life-cycle)



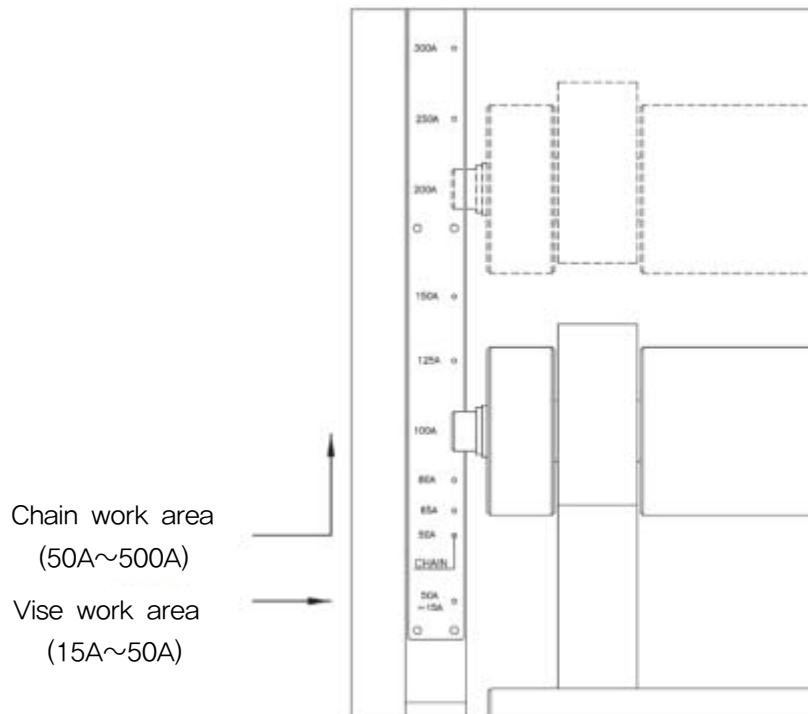
4. Roller gap adjustment according to the specifications of the pipe.

4-1. gap adjustment with PIPE SIZED handle



4-2. Adjust the center of the bolt head of the flow roller(real roller) to the scale on the ruler.

- Tighten Tubes with Chain when working on large caliber(50A~500A).
- Work with Vise when working on small caliber(15A~50A).

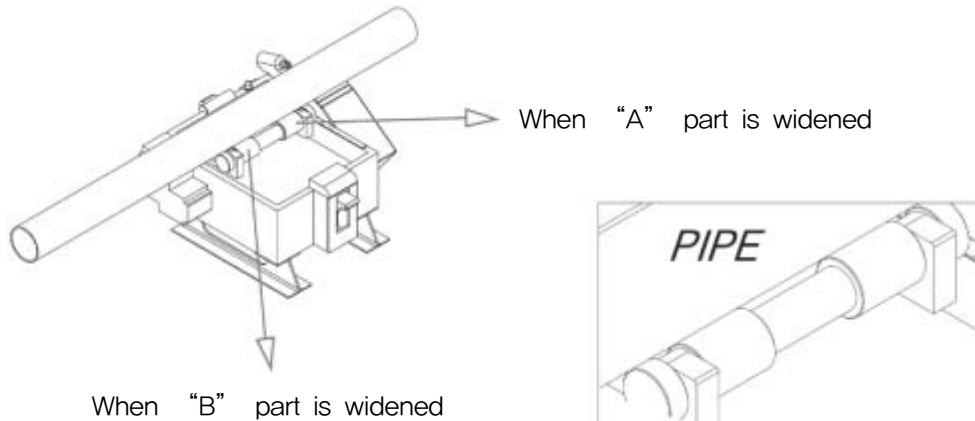




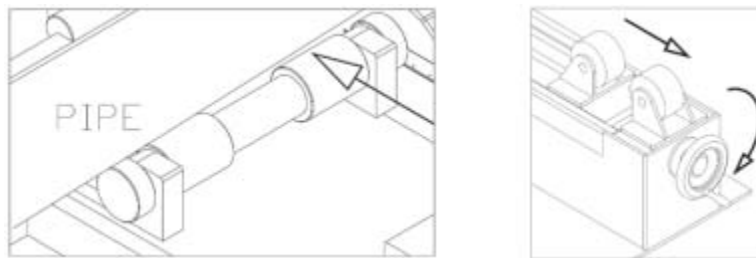
5. Tube Setting

5-1. The horizontal alignment of the pipes and equipment

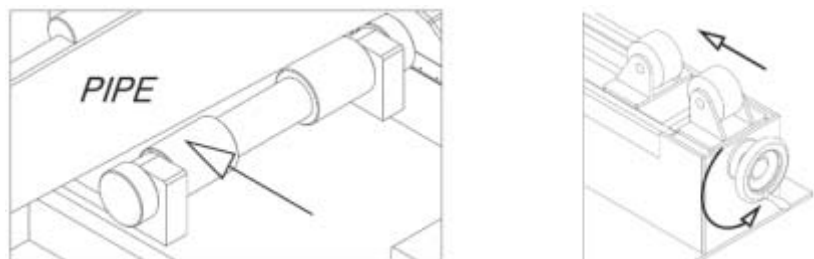
- Place the roller of machine according to the size of the tube to be cut, and adjust the level of the Tube and machine horizontally by modulating S-500PS(auxiliary device).



- In case of 'A' : Turn S-500PS (Fixed-right) handle clockwise to fix the gap of "A" part



- In case of 'B' : Turn S-500PS (Fixed-right) handle counter-clockwise to fix the gap of "B" part



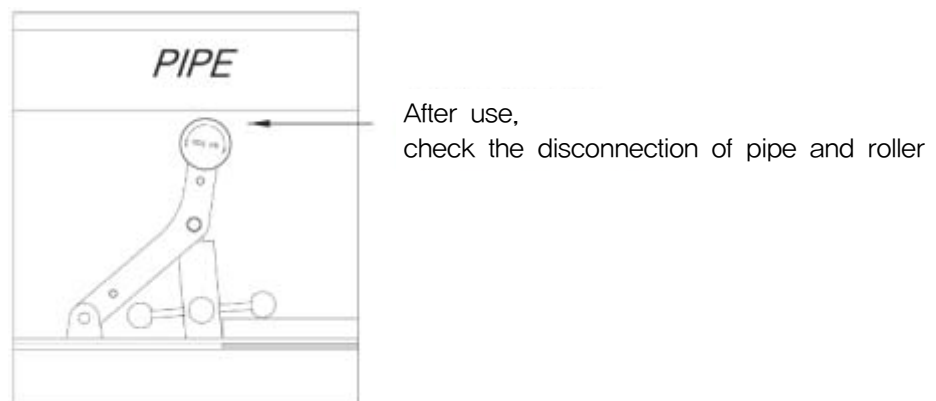
Note) Do not place the pipe horizontally with a level aligner. Check the gap between the rear roller of equipment(after decided the scale) and the pipe with bare eyes!

5-2. Adjusting the cutting position

- Align the cutting position by raising the feeder and place it back.



Note) After using the feeder, the location of the transfer roller should be returned.

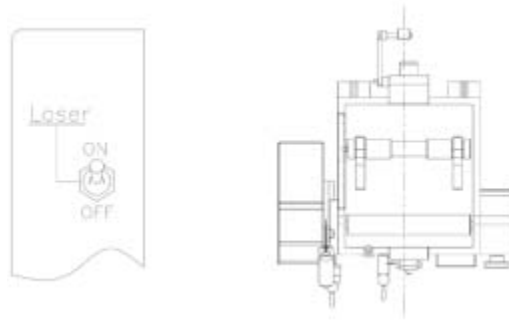




6. Chain clamping

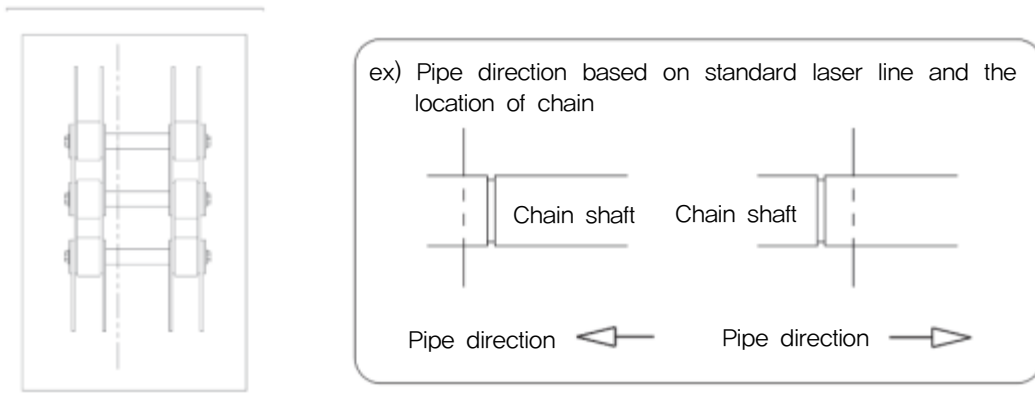
6-1. Laser switch ON/OFF

- Turn Laser S/W ON and make sure that the laser comes vertically.



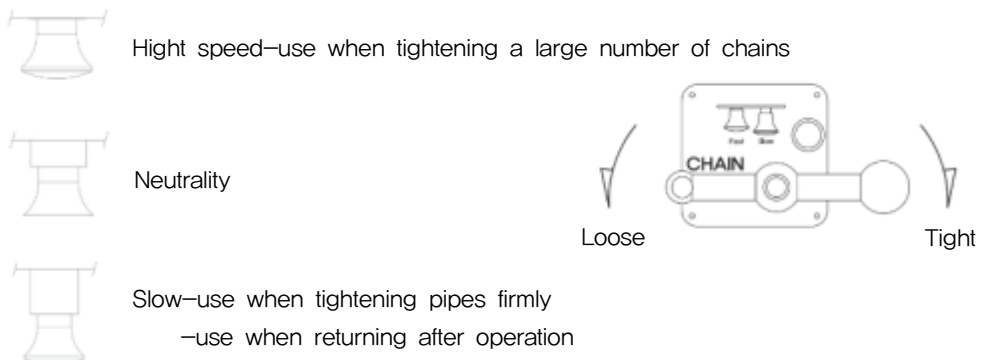
6-2. Accordance of chain and laser beam

- Match the groove on the chain axis with laser beam.



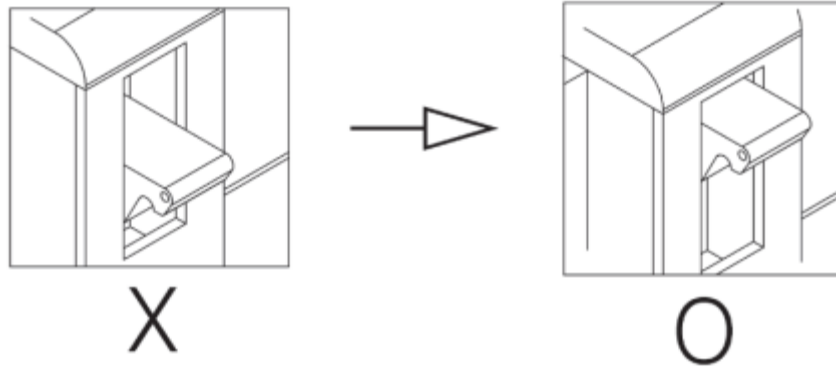
6-3. Chain clamping(Use when cutting 50A~500A large tubes)

- use when fixing tubes or disconnecting in a fixed status.



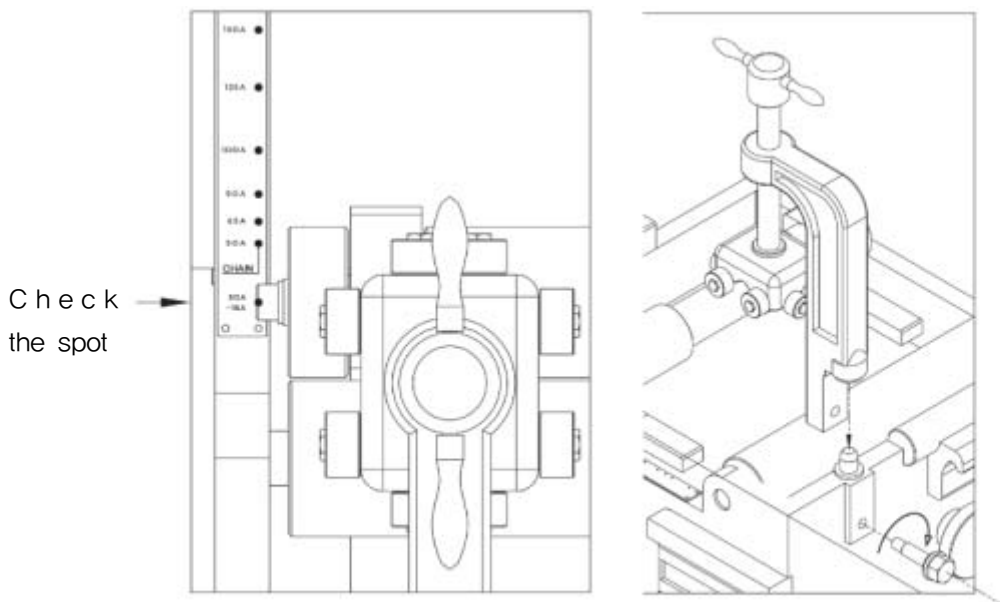
- When tightening the chain, place the rear hook on the top.

Note) Tightening from top to bottom



7. Vise Clamping (Use when cutting 15A~50A small tubes)

- Fix the equipment Roller on the place of Vise(15A~50A).
- Connect Vise bottom holes to the alignment pins on the front part with supplied bolts.(Use 22mm wrench)

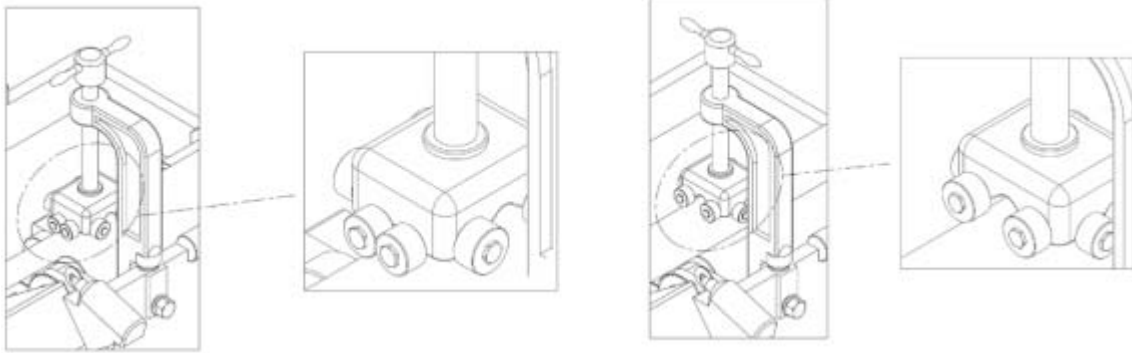


Use indicated bolts
 Tighten firmly before use



- Use 15A ~ 25A in a narrow spot.

- Use 32A ~ 50A in a wide spot.



- After the small caliber work, remove Vise backward when working on large caliber (Chain).

8. Cutting / Bevelling adjustment

8-1. Control panel Cutting switch ON/OFF

- When the switch is on, cutting blade rotates.
- Cutting speed adjustment volume must be "6" or more.
- Chamfer Speed adjustment volume must be "8" or more.



∴ Examples of cutting

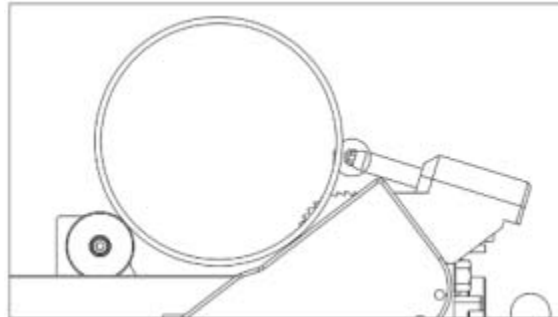
Pipe size	Speed
Stainless steel	6~7
Carbon steel	6~8

∴ Examples of chamfering

Pipe size	Speed
Stainless steel	8~10
Carbon steel	

8-2. Cutting handle operation

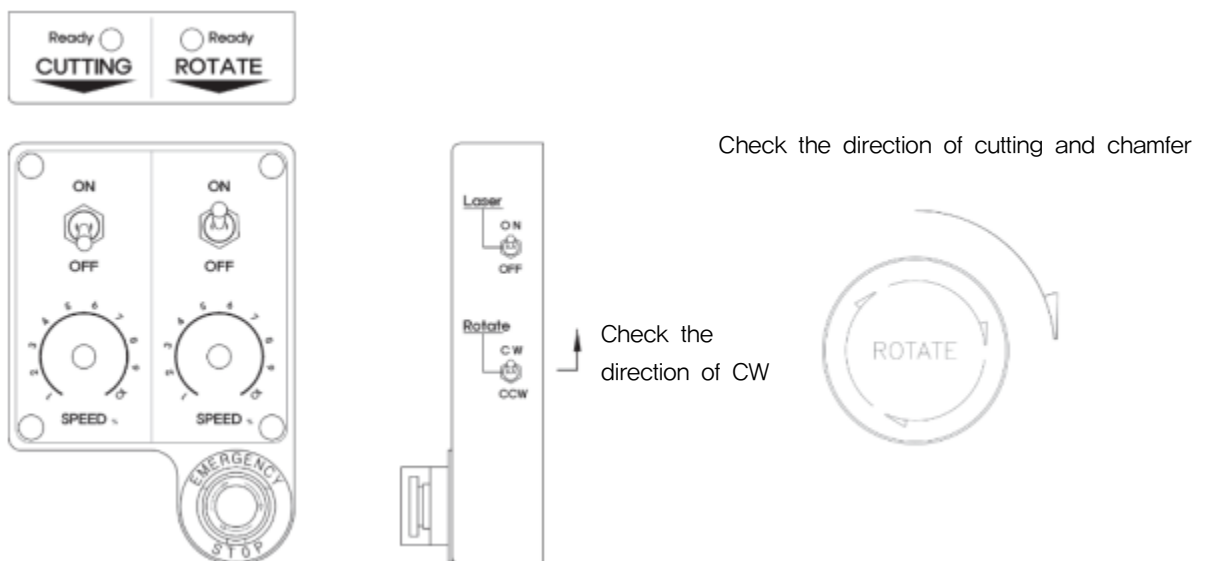
- Cutting : Penetrate the tube by rotating the handle clockwise.
- Chamfer : Rotate the handle clockwise and adjust chamfer quantity.
- ※ After the work, turn the cutting tool counter-clockwise to return.



9. ROTATE Adjustment

9-1. Control panel ROTATE switch ON/OFF

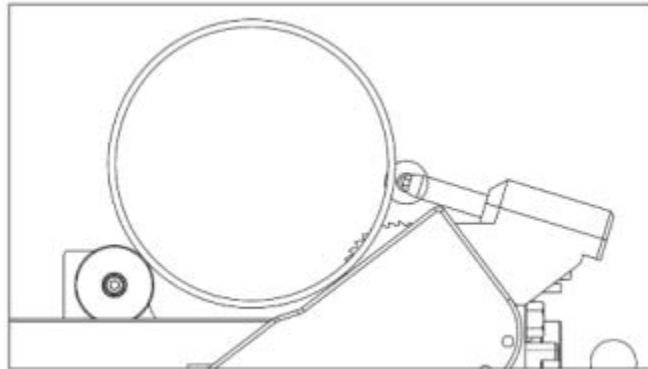
- When the switch is on, the pipe rotates by the roller.
- When working on large caliber or thicker tube, lower the speed, and increase the speed when working on small caliber.
- When chamfering, the speed can be up to 1.5~2 times more than the cutting speed.
- When cutting or chamfering, the direction of rotation must be CW.





9-2. Use of anti-jamming device

- When the tube to be cut is “6” or more, it may be twisted and force the side of blade.
- Measures : Use anti-jamming device in cutting grooves by force.
If vseeere, use ‘—’ driver additionally and widen the tube.
(Use othero tlo to keep the gap wide)



10. Emergency Stop switch

- When an alarm occurs due to electric shock and overload (Ready Lamp light on)
Reset by pressing the Emergency Stop switch.(Reset and stop function)
※ Of : Turn the button clockwise to return.

11. Maintenance and inspection

- When maintaining or inspecting, please remove the power plug.

A. Inspection of the screw device for each part.

Regularly check that the device on each part where the screw is loosened.
If screws are loose, tighten firmly. It is very dangerous to leave them loose.

B. Check pipe fixing Vise

As it is important to fix the pipe, check regularly and apply suitable lubricants(WD-40).

When working with the Vise with a problem, serious injury occurred, and the product of its own life may be shortened.

C. Check the handling of the major operation part

Supply grease oil regularly on the sides of rotating gearbox and main gearbox.

- _ Rotating gearbox inside gears can wear out easily and must be replaced regularly.
check and supplement indicated oil (Synthetic gasoline engine oil) in the upper surface of cutting gearbox.
- _ Check if you are experiencing a strange noise when idling.
Check if the gearbox is leaking

D. Inspection for operation screws

Do not apply grease on operation screws.

(Debris may be stuck and cause damage.)

Please apply lubricant (WD-40), moderately.

E. Work place and storing after work

Store after applying lubricant(WD-40) on the metal parts.

It is recommended that workship would be indoor where it is not humid and has no temperature difference.

Keep in a dry place and after the operation, to prevent access to the children and outsiders.

do not use a vinyl tent during long-term storage but use nutrient well-ventilated cloth.

F. Alarm transmission and Fuse Replacement

When alarming due to overload and electric shock during operation, reset the emergency Stop switch(The front of the control panel blinking LED Lamp).

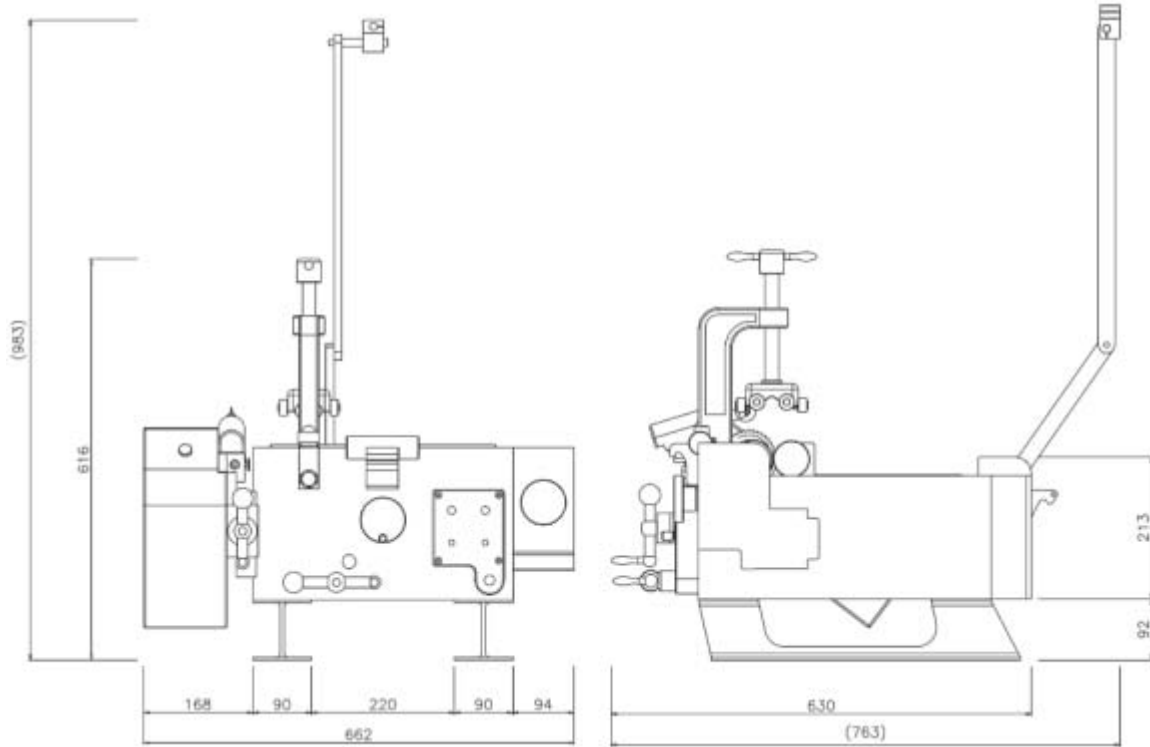
When the front of the control panel blinking LED Lamp is off or cutting tool is not rotating, check the fuse(ex, Nonfuse Beach) in the front of the control panel(5A,15A).

G. When the product does not operate normally

It is very dangerous for consumers to find or repair the fault area – Contact nearest A/S center or agencies.



12. S-500 Product Specifications



● Machine Specification

Items		Unit	S-500
Cutting capacity	Minimum aperture	mm(A)	16(10A)
	Maximum aperture	mm(A)	510(500A)
	Minimum Thickness <small>note)</small>	mm	0.8
	Maximum Thickness(recommended)	mm	10(8)
Chamfer capacity	Minimum aperture	mm(A)	16(10A)
	Maximum aperture	mm(A)	510(500A)
	Minimum Thickness note	mm	-
	Maximum Thickness(recommended)	mm	10(8)
	Chamfer angle	°	30° , 32° , 35° , 37.5° , 45°
Welding capacity (Auxiliary function)	Minimum aperture	mm(A)	16(10A)
	Maximum aperture	mm(A)	510(500A)
Machine Specifications	Size (DXLXH)	mm	413×460×325
	Weight	kg	92

Note) 15A is the standard of the minimum cutting thickness.

The design and specifications of the product are from August 2014.

This may be subject to change without further notice to improve the product.

When using our products, please read the operation manual and precautions with regard to safety marked on the machine.

● Motor Specification

Items	Unit	Cutting motor	Rotating motor
Rated Output	W	1500	400
Rated voltage	V	AC220	AC220
Rated Current	A	5.7	2
Operating environment	—	0~40°C / 20~80%RH	

● Standard Accessory

S-500VC : Small caliber Fixing plumbing(10A~50A)

S-500CC : Large caliber Fixing plumbing(50A~500A)

Tool box : Standard Accessory

● Option Accessory

S-500PS : Auxiliary device for pipe stand

S-500PR : Comprehensive rail

S-500PL : Pipe lift

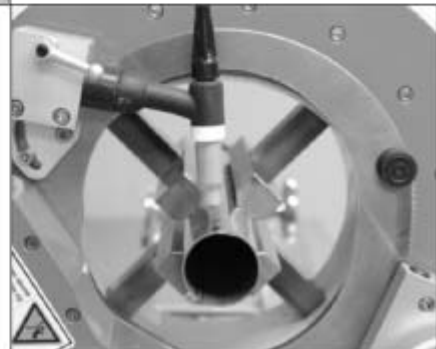


S-150

Cut at one blow!

The world best convenience and work speed !

Equipment capacity : 3/8" ~ 6 "
(Pipe O.D 16mm ~ 170mm)



How to use the product

How to use S-150

Before use

Please read about how to use manual provided by the headquarter or suppliers.
 Users must be educated before use.

Make sure to remove the power exchanges when cutting or beveling.

Make sure to connect the grounding, and confirm the voltage.

Make sure to wear protective equipment such as protective glasses before work.

Beware of burns when using chamfering tools which is extremely hot after operation.

Beware of burns by gearbox in case of prolonged use.

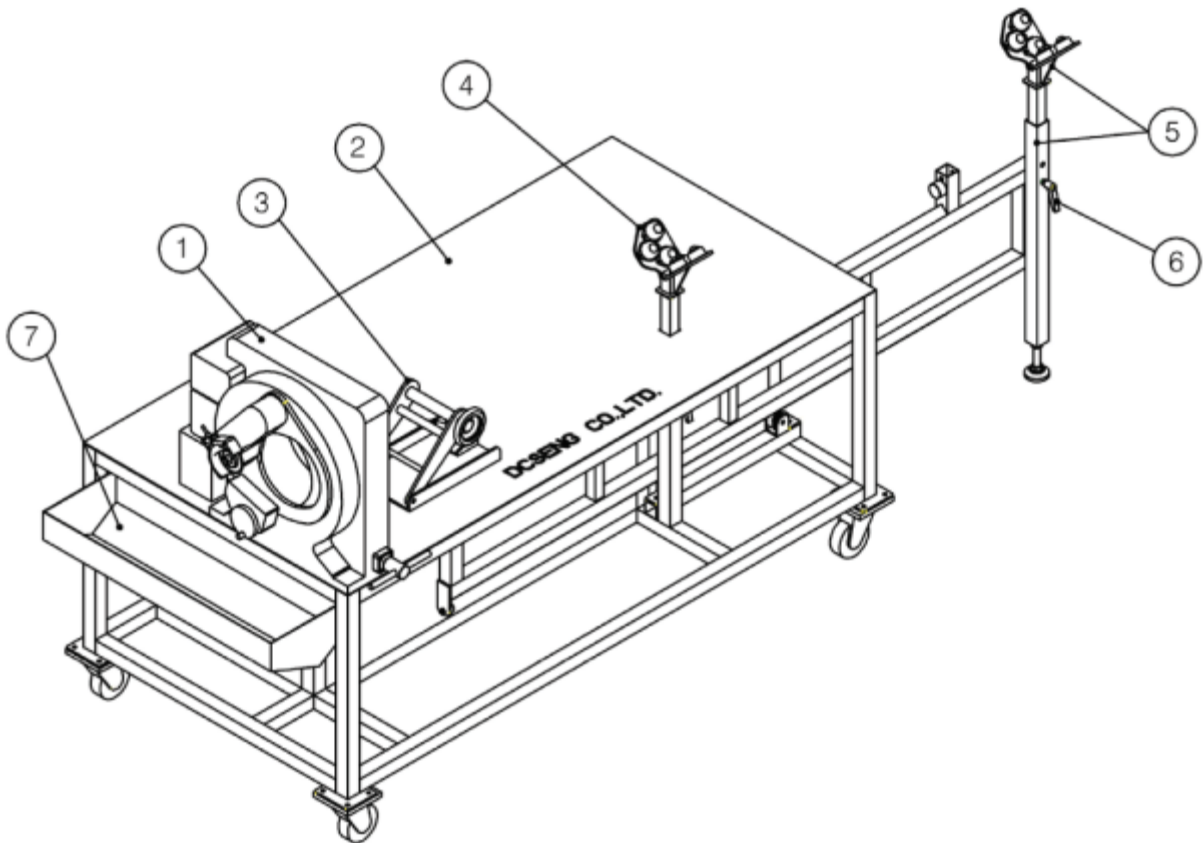
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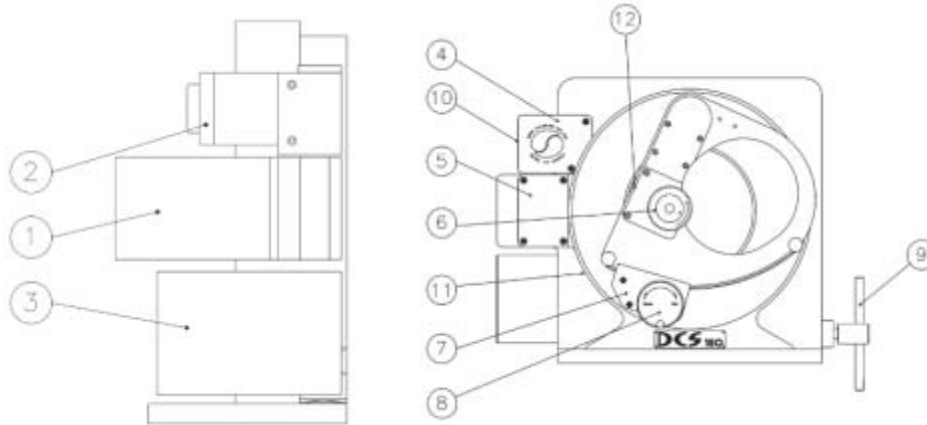
1. Names of parts and controls

- Names of parts



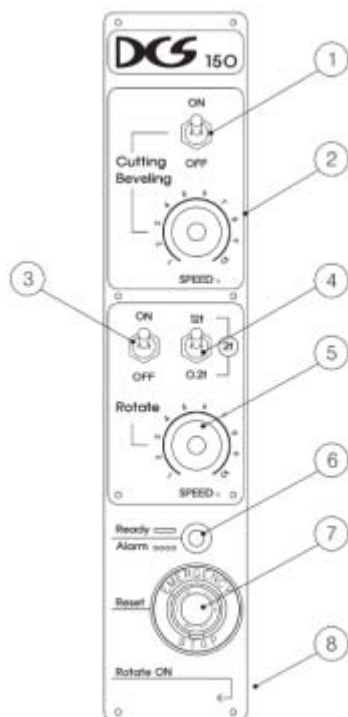
NO	Name	Function
1	Machine	PIPE CUTTING Machine
2	Machine table	Worktable
3	S-150RS	PIPE transfer device
4	S-150VS(Fixed)	Short tube backrest and transfer
5	S-150VS(Flow)	Long tube backrest and transfer
6	Locking Lever	Positioning bolt according to the diameter
7	Chip holder	Cutting chip holder

● Function name



NO	Name	NO	Name
1	Spindle motor	7	Displacement processing gearbox
2	Rotating motor	8	Cutting displacement handle
3	Control Box	9	Vise Jaw handle
4	Rotating gearbox	10	Rotating gearbox oil nipple
5	Spindle gear box	11	Cutting drive gear oil nipple
6	Cutting / chamfering tool	12	Oil access door of cut-off wheels

● Names of controls



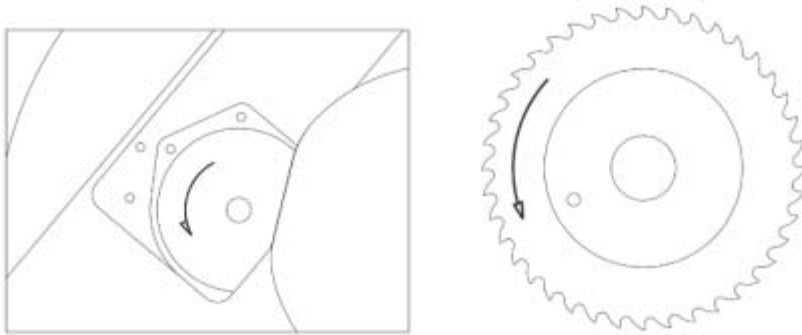
NO	Name	Function
1	Cutting, Beveling S/W	Cutting, Beveling ON/OFF
2	Cutting Volume	Cutting Speed control
3	Rotate S/W	Cutting Rotation
4	Forward and reverse rotation S/W	Cutting Forward and reverse rotation
5	Rotate Volume	Rotate Speed control
6	LAMP	Job preparation and warning lights
7	Emergency Stop S/W	Emergency Stop and RESET
8	Rotating springboard S/W	Rotating foot switch (rear)



2. Replacing the cutter blade for cutting

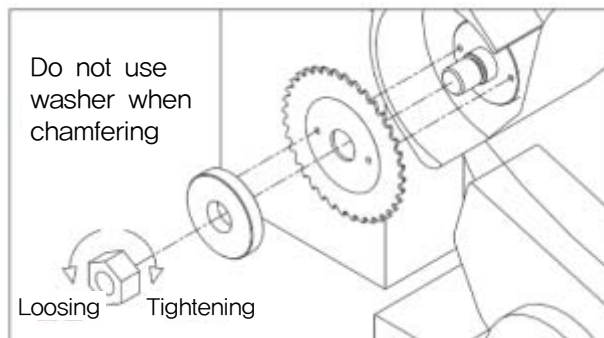
2-1. Check the accordance of direction of the arrow on gearbox and cutter blade.

- Check the accordance of direction of the arrow on gearbox and cutter blade.



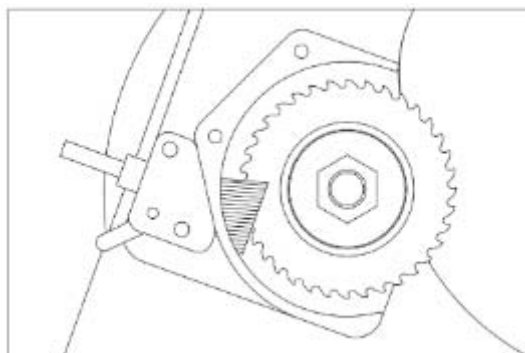
2-2. Replacing the cutter blade

- When cutting, meet the axis with the hole on cutter blade, fix with the pin on washer and tighten the appointed nut(M14 left screw) by using a wrench (22mm) and turning left.
- When chamfering, place chamfer blade on the axis and use the appointed nut(M14 left screw).



2-3. Fixing brush

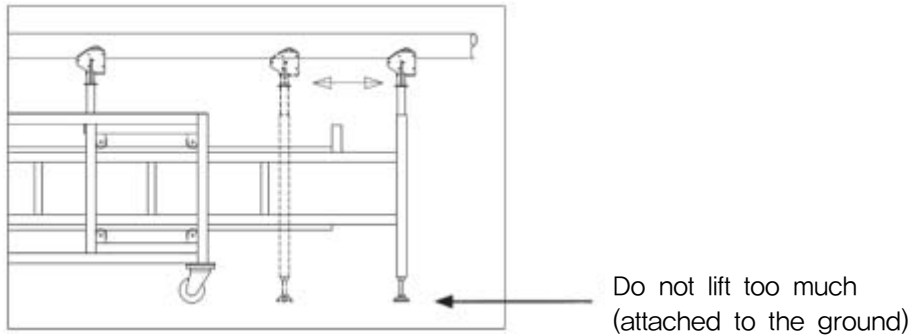
- Fix stainless steel brushes by attaching on cutting blade(enhancing saw blade life-cycle)



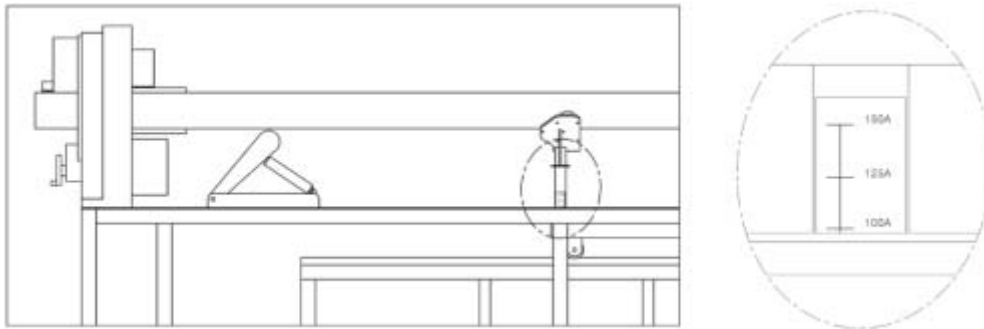
3. Tube Setting

3-1. S-150VS : Height adjustment of Tube

- If the pipe is long, use mobile S-150VS.
(Decide the location of mobile S-150VS and attach it to the ground by using left lower control.)

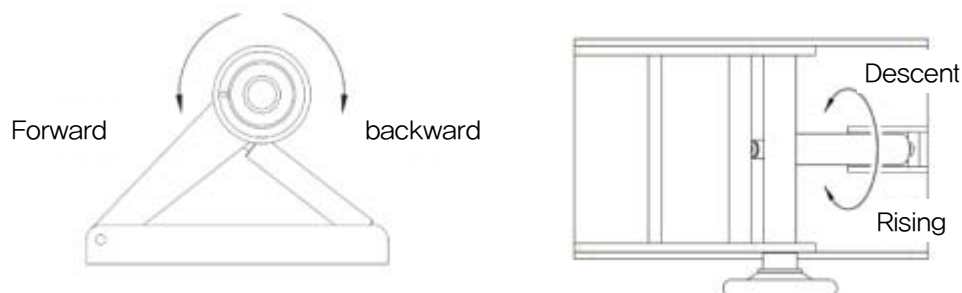


- Adjust the scale on the S-150VS pole to the top part of machine table according to the size of tube.



3-2. S-150RS : Tube transfer device

- The location of S-150RS is adjusted after fixing the tube to the machine.
Use accordingly based on the size of pipe(When using the same pipe size, no additional adjustment required)
- After disconnect fixed vise on the machine, adjust the cutting point of pipe by using S-150RS handle

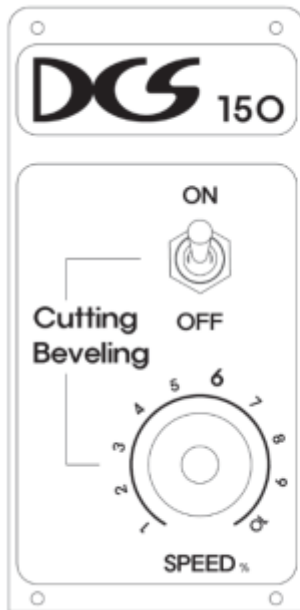




4. Cutting / Beveling adjustment

4-1. Control panel CUTTING switch ON/OFF

- When the switch is on, cutting blade rotates.
- Cutting speed adjustment volume must be “6” or more.
- Chamfer Speed adjustment volume must be “8” or more.



∴ Examples of cutting

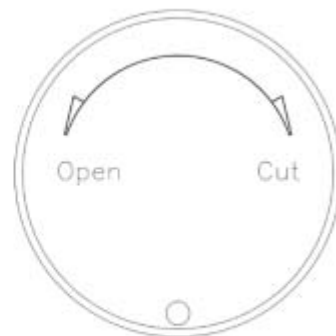
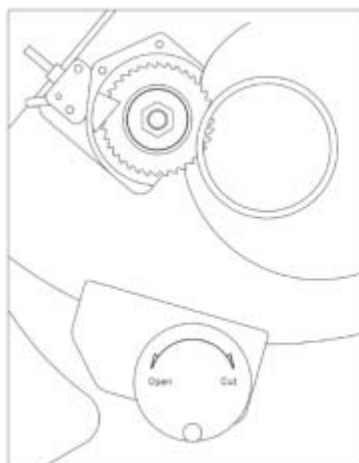
Pipe size	Speed
Stainless steel	6~7
Carbon steel	6~8

∴ Examples of chamfering

Pipe size	Speed
Stainless steel	8~10
Carbon steel	

4-2. Cutting handle operation

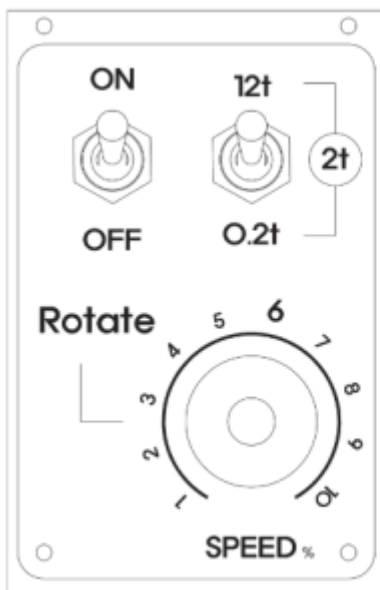
- Cutting : Penetrate the tube by rotating the handle clockwise.
- Chamfer : Rotate the handle clockwise and adjust chamfer quantity.
- After the work, turn the cutting tool counter-clockwise to return.



5. ROTATE

5-1. Operator panel ROTATE switch ON/OFF

- When the switch is turned on, the cutting tool rotates around the center of the machine.
- When cutting, the lower speed the ticker large diameter or tubes are.
- when working with the chamfer, the speed can be 1.5 to 2 times more than the cutting speed.



Examples of cutting

Pipe size	Speed
150A Sch 10s 3,4t	2~4
150A Sch 40s 7,1t	2~3
50A Sch 10s 2,8t	2~7
50A Sch 40s 3,9t	2~6

Examples of chamfering

Pipe size	Speed
150A Sch 10s 3,4t	2~8
150A Sch 40s 7,1t	2~6
50A Sch 10s 2,8t	2~10
50A Sch 40s 3,9t	2~10

5-2. Adjustment of the rotation direction

- Adjust the forward rotation of the cutting tool (clockwise), reverse (counterclockwise).
 - Forward (CW) – when cutting thick tubes or beveling
 - Reverse (CCW) – thin tubes cut and chamfer (Seni Tari and lightweight duct)
- When cutting and chamfering backward, the life-cycle of blade may be shortened.

6. Emergency Stop / RESET Switch

- When an alarm occurs due to electric shock and overload (Ready Lamp light on)
Reset by pressing the Emergency Stop switch.(Reset and stop function)
- ※ Off : Turn the button clockwise to return.



7. Maintenance and inspection

● When maintaining or inspecting, please remove the power plug

A. Inspection of the screw device for each part.

- _ Regularly check that the device on each part where the screw is loosened.
- _ If screws are loose, tighten firmly. It is very dangerous to leave them loose.

B. Check pipe fixing Vise

- _ As it is important to fix the pipe, check regularly and apply suitable lubricants(WD-40).
- _ When working with Vise with a problem, serious injury occurred, and the product of its own life may be shortened.

C. Check the handling of the major operation part

- _ Supply grease oil regularly on the sides of rotating gearbox and main gearbox.
 - ▶ Rotating gearbox inside gears can wear out easily and must be replaced regularly.
- _ Check and supplement indicated (Synthetic gasoline engine oil) in the upper surface of cutting gearbox.
- _ Check if you are experiencing a strange noise when idling.
- _ Check if the gearbox is leaking

D. Cutting gearbox

- _ Do not apply grease on operation screws. (Debris may be stuck and cause damage.)
- _ Please apply lubricant (WD-40), moderately.

E. Work place and storing after work

- _ Store after applying lubricant(WD-40) on the metal parts.
- _ It is recommended that workshop would be indoor where it is not humid and has no temperature difference.
- _ Keep in a dry place and after the operation, to prevent access to the children and outsiders.
- _ do not use a vinyl tent during long-term storage but use nutrient well-ventilated cloth.

F. Alarm transmission and Fuse Replacement

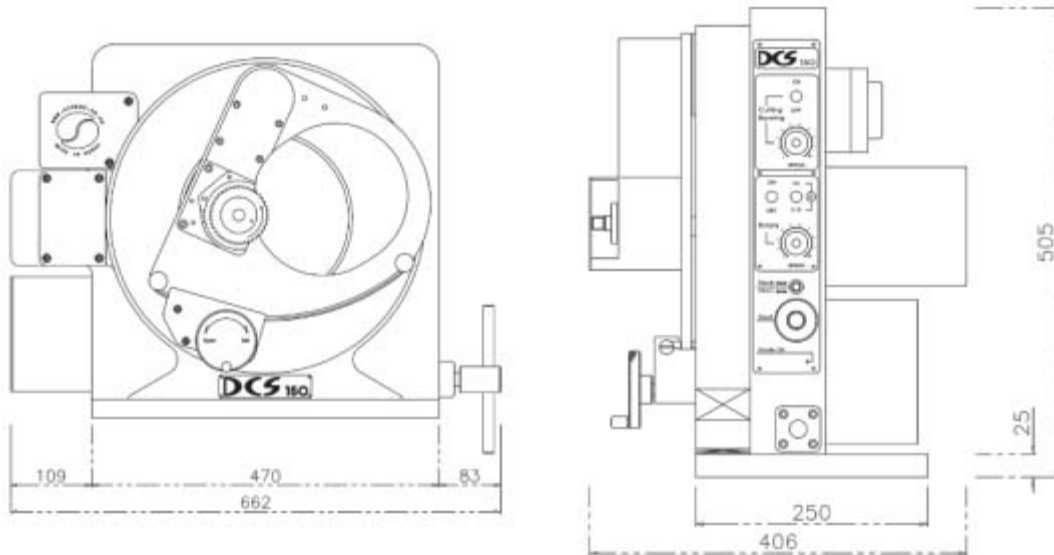
- _ When alarming due to overload and electric shock during operation, reset the emergency Stop switch (The front of the control panel blinking LED Lamp).
- _ When the front of the control panel blinking LED Lamp is off or cutting tool is not rotating, check the fuse (ex, Non-fuse Beach) in the front of the control panel(5A,15A).

G. When the product does not operate normally

- _ It is very dangerous for consumers to find or repair the fault area – Contact nearest A/S center or agencies.

8. S-150 Product Specifications

- Machine Specifications



Items		Unit	S-150
Cutting capacity	Minimum aperture	mm(A)	16(10A)
	Maximum aperture	mm(A)	170(150A)
	Minimum Thickness <small>note)</small>	mm	0.5
	Maximum Thickness(recommended)	mm	12(10)
Chamfer capacity	Minimum aperture	mm(A)	16(10A)
	Maximum aperture	mm(A)	170(150A)
	Minimum Thickness note	mm	—
	Maximum Thickness(recommended)	mm	12(10)
	Chamfer angle	°	30° , 32° , 35° , 37.5° , 45°
Welding capacity (Auxiliary function)	Minimum aperture	mm(A)	16(10A)
	Maximum aperture	mm(A)	170(150A)
Machine Specifications	Size (DXLXH)	mm	660×360×505
	Weight	kg	100

Note) 15A is the standard of the minimum cutting thickness.

The design and specifications of the product are from August 2014.

This may be subject to change without further notice to improve the product.

When using our products, please read the operation manual and precautions with regard to safety marked on the machine.



● Motor Specification

Items	Unit	Cutting motor	Rotating motor
Rated Output	W	1500	400
Rated voltage	V	AC220	AC220
Rated Current	A	5.7	2
Operating environment	—	0~40°C / 20~80%RH	

● Standard Accessory

_Integrated tool box : Standard accessory

● Option Accessory

_S-150RS : Pipe transfer device

_S-150VS : Pipe Stands

_S-150MT : Basic machine table.



Quality Warranty



It guarantees as below.

1. This product have passed the thorough quality inspection of ECSENG CO.,LTD.
2. When the product is damaged in a normal operation, the product will be repaired free of charge for one year in the purchasing place or service center in accordance with the contents of this certificate.
3. But, the erturn delivery fee will be charged. Malfunction of the product after the warranty period completed or occurred by customer's carelessness, can be repaired or replaced at a minimum cost.
4. However, malfunction due to change of use, abnormal wear, using patrs from other companies, or repair in other A/S center may not be covered by the warranty certificate.
5. Repair cost will be charged in these cases;
 - Damage caused by the negligence of the user
 - Failure caused by not following precautions outlined in this product
 - Failure due to unreasonable repair and renovation.
6. The warranty certificate must be accompanys when repairing.
7. This certificate is not reissued.

Product Name		Warranty Period	One year from purchase date
Model No.		Purchase Date	20 / / /
Serial Number		Date of Manufacture	20 / / /
Customer Address		Name	
		Phone Number	
Dealer Address (Shop Name)		Name	

※ Fill out the when selling products.

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