

F-F-31 Version 13

MH-500M

Manual Miter Cutting Bandsaw

SH-500M

Semi-Automatic Miter Cutting Bandsaw

(CE & Non-CE Models)

Instruction Manual

The Pinnacle of Cutting Performance Cosen Mechatronics Co., Ltd.

FROM THE MANUFACTURER

Thank you for your purchase of COSEN's bandsaw machine and your trust in the COSEN brand.

We are excited to have you as our valued customer and look forward as much as you do to the accelerated productivity, long-lasting endurance and superb cost-effectiveness this machine is about to bring to you.

To ensure you are fully utilizing our machine and taking advantage of it in every possible way, please take your time to read through this instruction manual.

Any comments or suggestions in making our services better, please do not hesitate to let us know. Thank you again!

NOTE:



- Read this instruction manual carefully to familiarize yourself with the installation, operation and maintenance of your COSEN bandsaw machine.
- Operate the machine following the procedures described in the manual to prevent personal injuries or machine damage.
- Keep this manual handy and refer to it whenever you are uncertain of how to perform procedures.



• For technical support or parts purchase, please contact your nearest COSEN representative or our service center:

For Europe: email: europe@cosensaws.com phone: +31-77-7600280 fax: +31-77-7600288 web: www.cosensaws.eu

For Taiwan and other countries: email: info@cosen.com.tw phone: +886-3-5332143 fax: +886-3-5348324 web: www.cosen.com.tw For US, Mexico, and Canada: email: info@cosensaws.com. phone: +1-704-943-1030 toll free: +1-877-SAWING1 fax: +1-704-943-1031 web: www.cosensaws.com For China: email: service@cosensaws.cn phone: +86-152-50127815 web: www.cosensaws.cn

Instruction Manual:

MH-500M Manual Miter Cutting Bandsaw SH-500M Semi-Automatic Miter Cutting Bandsaw (CE & Non-CE Models) Ver.13 2020/12/17

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Safety rules



- It's essential to power on your Cosen bandsaw machine for at least one hour every two years, if you seldomly use the machine.
 (This period of power-on must be without proceeding with other operation) Otherwise the machine program may disappear due to not strictly follow this safety rule.
- **The restoration-service fee for improper use will be extra charge. Please note.**



Make sure your work area is cleared of uninvited people and obstacles every time before you start operating the machine.



• Never step or stand on the roller table. Your foot may slip or trip on the rollers and you will fall.



- Never wear gloves or loose clothing when operating the machine. It may lead to serious injury if they are caught in the running machine. Wrap or cover long hair.
- Never touch the running saw blade with gloves or not. It is dangerous if your hands, clothing or gloves are caught by the running blade.



• Make sure any use of fire is prohibited in the shop and install a fire extinguisher or other fire control device near the machine when cutting titanium, magnesium, or any other material that produces flammable chips. Never leave the machine unattended when cutting flammable materials.



• Use a water-soluble cutting fluid on this machine. Oil-based cutting fluids may emit smoke or catch fire, depending on how they are used.

Safety rules





- Never cut carbon or any other material that may produce and disperse explosive dust. It is possible that sparks from motors and other machine parts will ignite and explode the air-borne dust.
- Never adjust the wire brush or remove chips while the saw blade is still running. It is extremely dangerous if hands or clothing are caught by the running blade.
- Stop the saw blade before you clean the machine. It is dangerous if hands or clothing are caught by the running blade.
- Never start the saw blade unless the workpiece has been clamped firmly. If the workpiece is not securely clamped, it will be forced out of the vise during cutting.



- Take preventive measures when cutting thin or short pieces from the work to keep them from falling. It is dangerous if the cut pieces fall.
- Use roller tables at the front and rear sides of the machine when cutting long work. It is dangerous if the work piece falls off the machine.



Turn off the shop circuit breaker switch before performing maintenance on the machine. Post a sign indicating the machine is under maintenance.

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Section 1

SAFETY INFORMATION

SAFETY INSTRUCTIONS SAFEGUARD DEVICES EMERGENCY STOP SAFETY LABELS HEARING PROTECTION CE COMPLIANCE RISK ASSESSMENT

Safety is a combination of a well-designed machine, operator's knowledge about the machine and alertness at all times. COSEN's band machine has incorporated many safety measures during the design process and used protective devices to prevent personal injuries and potential risks. Warning labels also serve as a reminder to the operator.

Throughout this manual, you will also see various safety-related symbols indicating important information that you should take note of prior to use of the machine or part of its functions. These important safety instructions do not cover all possible situations that might occur. It is your responsibility to take caution and follow procedures stated in this manual when installing, maintaining and operating your machine. Cosen will not be liable for damages resulting from improper use.

SAFETY INSTRUCTIONS

What the icons and signs in this user manual mean:



This icon marks **WARNING**; hazards or unsafe practices that may result in **personal injury or damage to the machine.**



Supplementary information to the procedures described in this manual.



Call your local agent or our service center for help.



This manual has important safety information. Read through it carefully before operating this machine to prevent personal injury or machine damage. Learn the operation, limitation and the specific potential hazards peculiar to this band saw. All users must read it before performing any activity on the machine, such as replacing the saw band or doing regular maintenance.



Disconnect the power cord before making adjustment, maintenance or blade changes.



Do not operate this machine unless it is completely assembled.



Make sure the power switch is off before plugging in power cord.



Always remember to switch off the machine when the work is completed.



Use recommended accessories. Improper accessories may be hazardous.



Never hold the material by hand for cutting. Always use the vise and make sure the material is clamped securely before cutting.



When a workpiece is too long or heavy, make sure it is supported with a roller table (recommended).



Keep your work area well illuminated at minimum 500 lumen.



Remove adjusting keys, wrenches or any loose parts or items from the machine before turning on power.



Use a sharp saw blade and keep the machine in its best and safest performance by following a periodical maintenance schedule.



Wear proper apparel during operation and when servicing the machine. Some personal protective equipment is required for the safe use of the machine, e.g. protection goggles.





Moving parts should be kept in proper alignment and connection with the machine. Check for breakage, mounting and any other conditions that may affect its operation. Any damaged part or guard should be properly repaired or replaced.



It is dangerous to operate the machine when the floor is slippery. Keep the floor clean and dry. Check for ice, moisture, or grease before entering.



Do not use the machine to cut explosive material or high pressure vessels as it will generate great amount of heat during the sawing process and may ignite an explosion.



Keep your work area clean. Cluttered and slippery floors invite accidents.



Keep blade protection cover and wheel covers in place and in working order.



Never operate while under the influence of drugs, alcohol or medication.



Do not reach over or stand on any part of the machine.



Keep the work environment safe. Do not use band saw in a damp or wet location.



Keep all guards and shields in place before installing or starting up the machine.



Keep unauthorized personnel away.

SAFEGUARD DEVICES

The safeguard devices incorporated in this machine include the following two main parts:

- 1. Protection covers & guards
- 2. Safety-related switches

Protection Covers & Guards

- 1. Idle wheel housing cover
- 2. Drive wheel housing cover
- 3. Gear reducer cover
- 4. Wire brush belt cover
- 5. Blade guard cover (left & right)
- 6. Safety fence (left & right)(CE model only, as shown in Illustration: Safety Fence)
- 7. Chip conveyor cover (CE model only)



The protection devices should always be mounted on the machine whenever the machine is running.

Do not remove any of these safeguard devices under any circumstances except when servicing the machine. Even skilled service technicians should still take cautions when performing repairs or service on the machine with any of these protectors removed. It is the responsibility of the user to make sure all these elements are not lost and damaged.



Take note of the following main moving parts on the machine prior to and during machine operation:

- Saw bow assembly
- Drive and idle wheels
- Blade guide arm
- Saw blade guide rollers
- Quick approach device (optional)
- Wire brush
- Chip conveyor (optional)
- Workpiece clamping vises
- Shuttle vises and workbed rollers
- Top clamps (optional)
- Gear reducer

Safety Related Switches

To protect the operator, the following safety related switches on the machine are actuated when the machine is in operation.

Wheel motion detector	This is a proximity sensor used to detect the motion of the drive wheel. Once the saw blade is broken or as soon as it starts slipping, the sensor will detect and stop the drive wheel and the machine.
Power switch	Located on the cover of electrical cabinet, the power switch controls the main power of the machine. Up to your company's internal rules, this power switch can be locked with a padlock or a luggage lock to protect the operator and the machine.
Emergency stop button	Located on the control panel, the button when pressed will stop the machine completely.
Vise clamp switch	This switch assures firm clamping of the workpiece. If the workpiece is not clamped properly, the saw blade is not allowed to run.
Wheel cover interlock switches (CE model only)	Located on the two wheel housings, these switches are used to assure that the machine will stop whenever the wheel covers are open. This device is to protect users from being cut by the running saw blades.

Among all these safety switches, some of them are used to protect the users and some of them are used to prevent damage to saw blades, the workpiece and the machine itself, etc. We have taken every precaution to prevent injury or damage and to provide safe and economical operation of the machine.

EMERGENCY STOP

Designed to be easily accessible, the emergency stop button is located on the left bottom corner on the control panel and is made in red color and rubber material. For CE models, supplementary emergency stop button may be available at other area(s) of the machine depending on machine type. Please refer to *Illustration: Emergency Stop.*

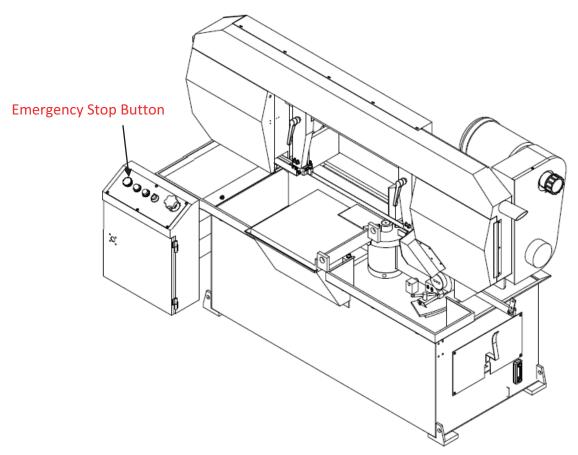
When you press the button, the machine will immediately come to a full stop to avoid injury or damage when an accident occurs. The button will be locked when you press it. To unlock it, turn the button clockwise.

You should press it immediately without any hesitation when observing:

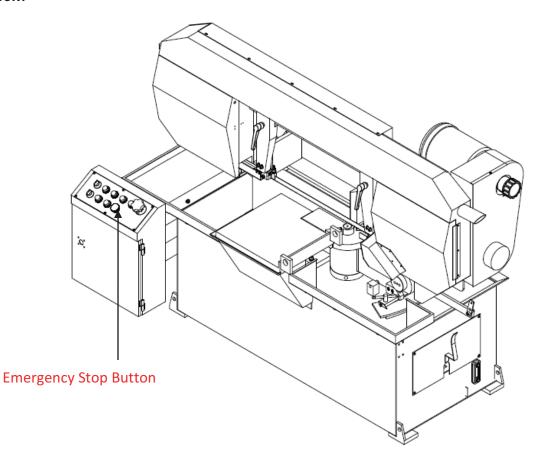
- An emergency situation that would cause any injury or damage
- An abnormal situation or problem such as fire, smoke, abnormal noise and etc.

Illustration: Emergency Stop

MH-500M



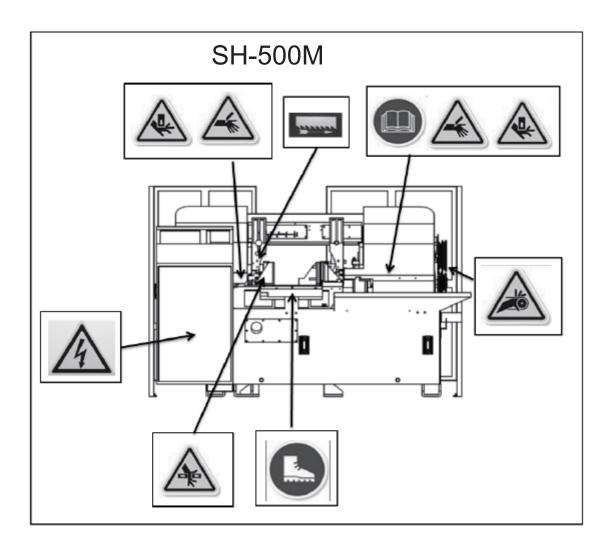
SH-500M



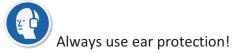
SAFETY LABELS

Please read through and understand these safety labels before operating the machine. Refer to *Illustration: Safety Labels.*

Label	Meaning	Label	Meaning
	Impact Hazard WEAR SAFETY SHOES. Do not approach dropping area during operation.		Read Operator's Manual This manual has important safety information. Read through it carefully before operating this machine to prevent personal injury or machine damage.
	Keep Unauthorized Personnel Away		Do not step. Do not stand on the machine or on the accessories!
	DANGER: Running Blade Blade runs through this area. Keep your hands away from a running blade to avoid severe injury. The arrow indicates direction of the blade.		Cutting Hazard KEEP COVER CLOSED / KEEP HAND OFF while the blade is running. Turn power off before opening cover. Failure to follow the warning can result in severe injury.
4	Hazardous Voltage TURN POWER OFF before servicing. Failure to following the warning can result in severe injury.		Burn Hazard/Hot Surface
	Hand Crush/Force from Above		Crush hazard by vise
	Loose Hand Hazard KEEP HAND OFF. Do not touch chip conveyor. Failure to follow the warning can result in severe injury.		Pinch Point/Hand Entanglement
	CAUTION : Class I invisible Laser Radiation Present. Avoid direct exposure to beam.		



HEARING PROTECTION



When your machine is running, noise generated by the machine may come from the following:

- Saw blade during cutting or material feed mechanism
- Wire brush unit
- Chip conveyor unit
- Speed reducer
- Hydraulic motor/pump
- Belt transmissions variable speed motors
- Blade motor
- Coolant pump
- Drive wheel
- Parts not assembled tightly causing mechanical vibration

Our products pass noise testing less than 78 dBA. Noise level vary according to working conditions and we recommend ear plugs or other hearing protection at all time. If your machine produces an undesirable noise while it is running, you should:

- 1. Make sure all maintenance tasks have been performed following the prescribed maintenance schedule (Refer to Section 8).
- 2. If maintenance does not seem to solve the problem, follow the troubleshooting procedures under Section 9.

CE COMPLIANCE

Cosen's CE model is designed to satisfy regulations of the Council Directive on the approximation of the laws of the Member States relating to machinery (2006/42/EC) - Annex I Essential health and safety requirements relating to the design and construction of machinery.

RISK ASSESSMENT

Risk assessment generally takes account of intended use and foreseeable misuse, including process control and maintenance requirements. We made every effort to avoid any personal injury or equipment damage during the machine design stage. However, the operator (or other people) still needs to take precautions when handling any part of the machine that is unfamiliar and anywhere on the machine that has potential hazards (e.g. the electrical control box).

Section 2

GENERAL INFORMATION

SPECIFICATION MACHINE PARTS IDENTIFICATION FLOOR PLAN

This band saw machine is designed by Cosen's R&D engineers to provide you the following features and advantages:

<u>Safety</u>

- This machine is designed to fully protect the operator from its moving parts during cutting operation.
- The machine and each compoment has passed strict testing (Council Directive on the approximation of the laws of the Member States relating to Machinery).
- The machine will shut off automatically when the saw blade is broken, protecting both the operator and the machine.

Convenience & High-Performance

- The machine is designed in the way that the operation and adjustment can be easily performed.
- The machine will stop automatically when out of stock.
- Dual valve system is designed to achieve optimal cutting performance with the simple setting of feed rate and perspective cutting pressure for different material.

SPECIFICATION

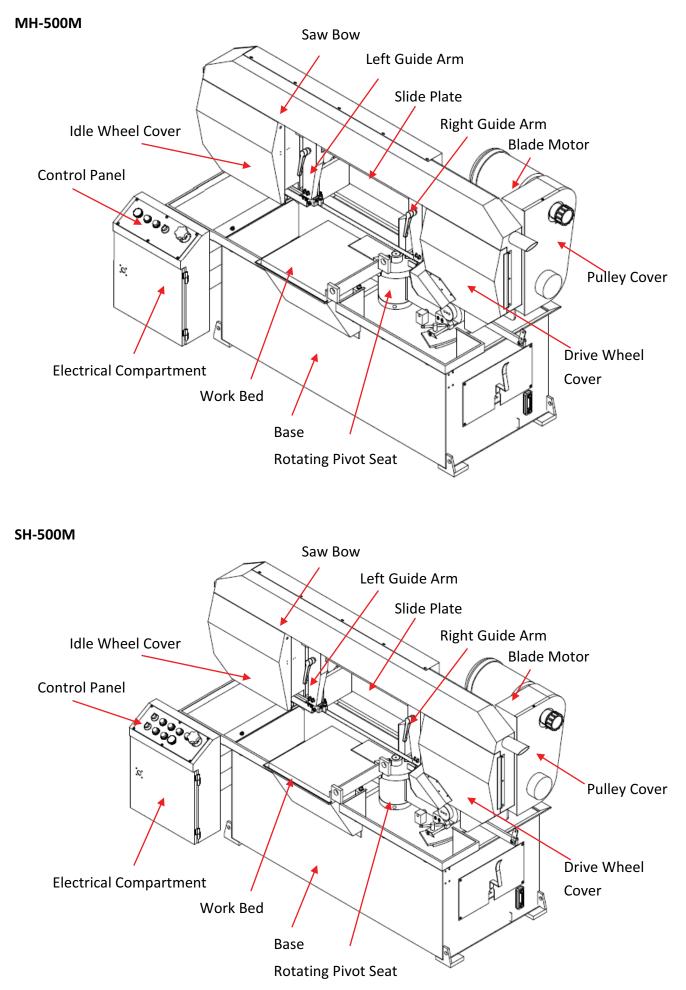
Model / Name of Equipment		MH-500M/SH-500M Manual /Semi-Automatic Swivel Head Double-Mitering Band Saw				
	Angel		0 °	-45 °	-60 °	
	Round		330 mm (13 in)	300 mm (11.8 in)	220 mm (8.6 in)	
Max. Cutting	Square		280 mm (11 in)	240 mm (9.4 in)	220 mm (8.6 in)	
Capacity	Rectangle (H x W)		280 x 440 mm (11 x 17.3 in.) OR 140 x 500 mm (5.5 x 19.7 in.)	280 x 240 mm (11" x 9.4")	280 x 220mm (11 x 8.6 in.)	
	Speed		Step 60Hz: 23, 35, 50, 75 m/min (75, 114, 164, 246 fpm) Stepless: 30~100 m/min (98~328 fpm)			
	Size (L x W x T)		4,140 x 27 x 0.9 mm (163" x 1.06" x 0.035")			
Court Dia da	Pressure		19~20kgs / cm2 (Tolerance: +1~+2 kgs / cm ²)			
Saw Blade	Tension		Manual 1900~2000kgs / cm2 (Tolerance: +100~+150 kgs / cm ²)			
	Guide		Interchangeable tungsten carbide			
	Cleaning		Steel wire brush			
Main	Saw Blade		3 HP (2.25 kW)			
Electricity	Hydraulic (SH-500M only)		1/2 HP (0.375 kW)			
Output *	Coolant Pump		1/8 HP (0.09 kW)			
T 1 0 11	Hydraulic		8 L (2.1 gal)			
Tank Capacity	Coolant		30 L (7.9 gal)			
	Control Method					
Vise Clamping	Min. Clamping Capacity		0 mm			
	Control Method					
	Speed					
Feeding		Single Stroke				
	Length	Multi Stroke				
Workbed	Height		830 mm (32.6")			
	Net		MH-500M: 745 kg (1,642 lb) SH-500M: 790 kg (1,742 lb)			
Weight	Gross		MH-500M: 945 kg (2,082 lb) SH-500M: 990 kg (2,182 lb)			
Floor Space	MH-500M		1079 x 2177 x 1458 mm (42.5" x 85.7" x 57.4")			
(L x W x H)	SH-500M		1066 x 2065 x 1482 mm (42" x 81.3" x 58.3")			
Operating	Temperature (°C)		5~40 °C (41~104 °F)			
Environment	Humidity (%)		30~85% (without con	densation)		

*Please refer to the formula "Watt/Voltage = Amperage" with the information above.

*Design and specification are subjected to change without notice.

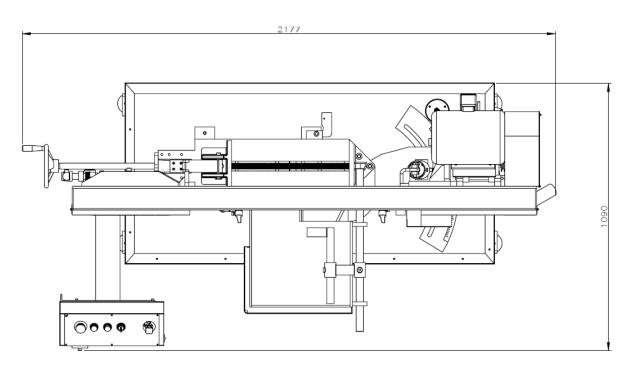
*The saw blade pressure and tension standard above are the general values. For special saw blade, please contact to the saw blade manufacturer for the applicable values.

MACHINE PARTS IDENTIFICATION

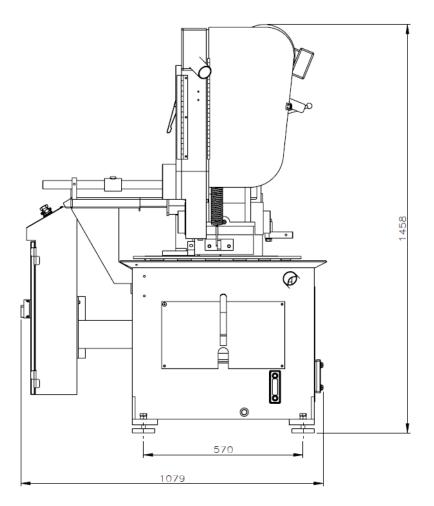


FLOOR PLAN

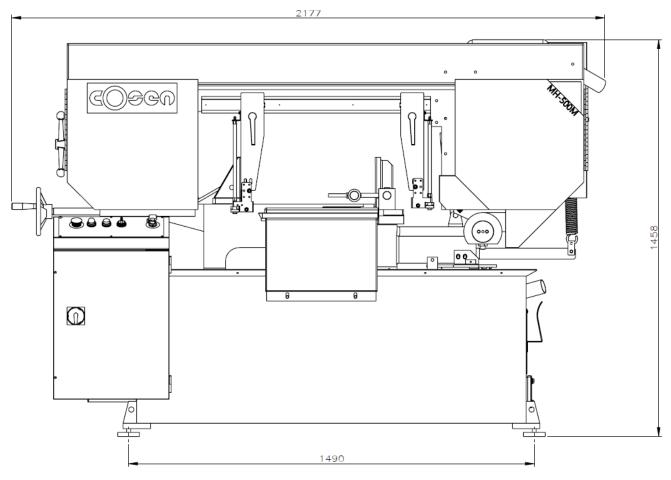
MH-500M



Machine top view

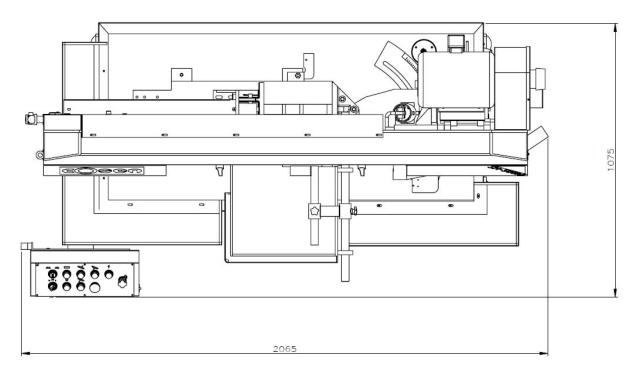


Machine side view

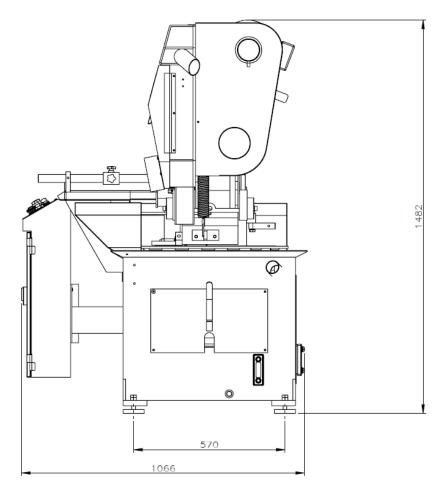


Machine front view

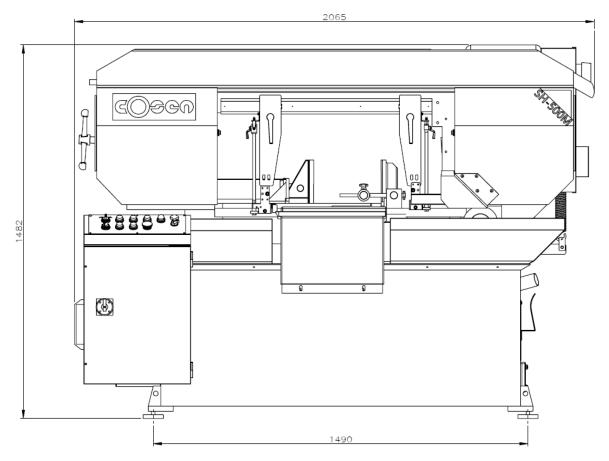
SH-500M



Machine top view



Machine side view



Machine front view

Section 3

MOVING & INSTALLATION

LOCATION & ENVIRONMENT UNPACKING & INSPECTING LIFTING REMOVING SHIPPING BRACKET CLEANING INSTALLING RELOCATING

LOCATION & ENVIRONMENT

For your safety, please read all information regarding installation before proceeding. Install your machine in a place satisfying all of the following conditions:

Space:

• Leave enough free space around the machine for loading work and unloading cut-off pieces as well as for maintenance and inspection. Refer to *Section 2 General Information - Specification* for machine dimensions and floor space.

Environment:

Well lighted (500 lumen at minimum).



- Floor kept dry at all times in order to prevent operators from slipping.
- Away from direct exposure to the sunlight
- Room temperature between 5°C to 40°C.
- Humidity level kept at 30%~85%"(without condensation) to avoid dew on electric installation and machine.
- Away from vibration of other machines
- Away from powders or dusts emitted from other machines
- Avoid uneven ground. Choose a solid level concrete floor which can sustain weight of both machine and material weight.
- Limit the operation area of the machine to staff only.



UNPACKING & INSPECTING

- Unpack your machine carefully to avoid damage to machine parts or surfaces.
- Upon arrival of your new band saw, please confirm that your machine is the correct model and it comes in the same specification you ordered by checking the model plate on the machine base.
- It is also imperative that a thorough inspection be undertaken to check for any damage that could have occurred during shipping. Pay special attention to machine surface, equipments furnished and the electrical and hydraulic systems for damaged cords, hoses and fluid leaks.
- In the event of damage caused during shipping, please contact your dealer and consult about filing a damage claim with the carrier.
- Your machine comes in with a set of tools for you to maintain the machine. The accessories furnished are as follows:

1.	Tool box	1 pc
2.	Grease gun	1 pc
3.	Screwdriver (+, -)	2 pcs
4.	Open-ended spanner	3 pcs
5.	Hexagon wrench	1 set
6.	Chip spade (only for manual models)	1 pc
7.	Operation manual	1 pc



Should you find any missing accessories, please contact your local agent immediately.

LIFTING

When moving the machine, we strongly suggest you choose any one of the methods described below to move your machine.

(Only applies to the machine with the design of the hanging point.)

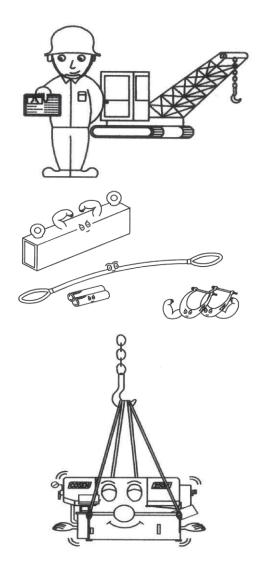
Move the machine to its location by using a crane and a wire rope sling that can fully withstand the weight of the machine (refer to machine specification under Section 2 *General Information*).

Machine hanging with a crane should be done strictly according to the hanging points designated by the original manufacturer. If there is any doubt on missing hanging points on your machine, please consult with the original manufacturer or its qualified agent before hanging the machine.

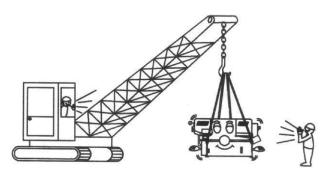
• Machine lifting is likely to damage the machine if not performed properly.

Warning: You must have a qualified crane operator to perform the job.

- You must use tools and equipment with the proper tensile strength and use proper method when moving your machine.
- Apply the wire rope sling to the lifting hooks on the four ends of the machine. Refer to *Illustration: Lifting Points* for exact locations.
- Slowly lift the machine. Be sure to protect the machine from impact or shock during this procedure. Also watch out your own fingers and feet to avoid injuries.
- Keep the machine well balanced during lifting process and make sure the wire rope does not interfere with the saw frame.



• When you work together with more than two people, it is best to keep constant verbal communication with each other.





Use a forklift (Only applies to the machine with the design of the lifting point.)

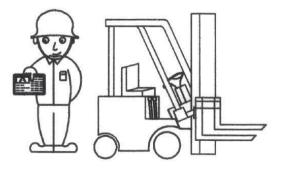
Make sure that the lifting rod can fully withstand the weight of the machine. (Refer to Section 2 – General Information for Specifications.)

Machine lifting with a forklift should be done strictly according to the lifting points designated by the original manufacturer. If there is any doubt on missing lifting points on your machine, please consult with the original manufacturer or its qualified agent before lifting the machine.

• Machine lifting is likely to damage the machine if not performed properly.



You must have a qualified forklift operator to perform the job.



• You must apply proper forklift technique to avoid damage to the machine.

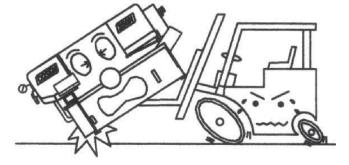


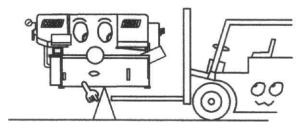
Make sure the forks are able to reach in at least 2/3 of the machine depth.

• You must keep the machine balanced at all times.



Make sure the forks are centered before use.



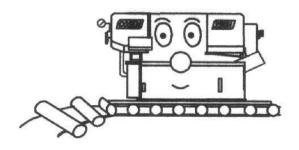


(Illustration only. Please follow user guide of your forklift.)

3. Use rolling cylinders

You can use rolling cylinders to move your machine in a small machine shop environment.

• You must use rolling cylinders made in material of proper compressive strength.



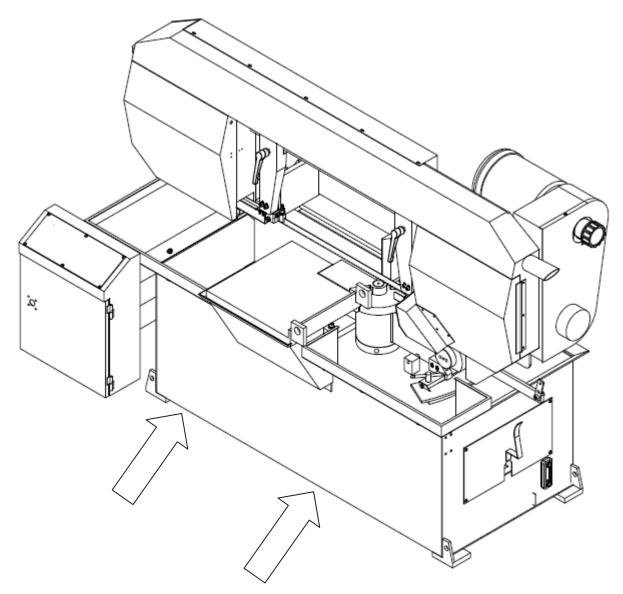
4. Other ways to move



stickers, please contact your local agent

If the machine does not have immediately.

Illustration: Lifting Points



REMOVING SHIPPING BRACKET

- After the machine has been properly positioned, remove the shipping bracket that is used to lock the saw frame and the saw bed.
- Retain this bracket so that it can be used again in the event that your machine must be relocated.



CLEANING

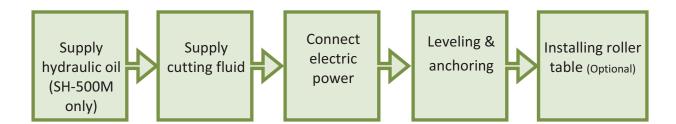
After the machine has been placed at the designated position, remove the rust-preventive grease with wiping cloth dampened with cleaning oil or kerosene. Apply machine oil to machine surfaces that are prone to rust.



Do not remove the rust-preventive grease with a metal scraper and do not wipe the painted surfaces with solvent as doing so would damage surface paint.

INSTALLING

Cosen's bandsaw machine is relatively easy to install. Follow these six easy steps to install your machine.



Supplying hydraulic oil (SH-500M only)

Open the filler cap and fill the hydraulic oil tank to above 2/3 or full level.

Check the sight gauge to make sure the oil level in the tank.



Refer to specification chart under Section 2 for tank capacity.



Oil tank should be full already if it is a new machine that operates for the first time.

Supplying coolant

Fill the coolant tank to the middle level of the sight gauge by pouring the coolant from above the chip conveyor.

Use the sight gauge to check the coolant level remaining in the tank.





Always check the coolant supply before starting the machine. If the coolant pump is started without enough coolant supply in the tank, the pump and its drive motor may be damaged.



Refer to specification chart under Section 2 *Specification* for tank capacity.



Consult your coolant supplier for bandsaw use regarding coolant type and mix ratio.

Connecting electric power

Have a qualified electrician make the electrical connections.

If the power supply voltage is different from the transformer and motor connection voltage shown on the label attached to the electrical compartment of the machine, contact COSEN or your

agent immediately.



Connect to power supply independently and directly. Avoid using the same power supply with electric spark machines such as electric welder. Unstable electric tension may affect your machine's electric installation from working properly.

Ground the machine with an independent grounding conductor.

Supply voltage: 90% - 110 % of nominal supply voltage.



Refer to the specification chart under Section 2 for total electric power consumption of the motors and make sure your shop circuit breaker is capable of this consumption amount. Also use a power supply cable of proper size to suit the power supply voltage.

- 1. Turn off the shop circuit breaker.
- 2. Make sure the machine circuit breaker switch on the electrical compartment door is turned to OFF.
- 3. Remove the screw securing the electrical compartment and then open the door.
- 4. Pull the power supply cable and grounding conductor through the power supply inlet into the electrical compartment. (Shown right)
- 5. Connect the power supply cable to the circuit breaker (N.F.B.) to the R, S and T terminals, and connect the ground cable to the E terminal.
- 6. Close the compartment door and fasten the screw back.
- 7. Turn on the shop circuit breaker and then turn the machine circuit breaker switch to ON. The *Power Indicator* on the control panel will come on.
- 8. Pull to unlock the *Emergency Stop* button and press the *hydraulic ON* button to start the hydraulic motor.
- 9. Make sure the sawing area is clear of any objects. Start the blade and check the blade rotation. If the electrical connections are made correctly, the blade should run in a counterclockwise direction. If not, shut the hydraulics off, turn off the machine as well as the shop circuit breaker. Then swap the power the power cable conductors connected to R and T terminals.
- 10. Repeat step 6 to 9 to ensure the electrical connections are in the right order.

<u>Leveling</u>

Place spirit level on the vise slide plates and the work feed table.

Level the machine in both directions i.e. along and across the machine. Adjust the level of the machine by turning the leveling bolts.

Make sure all leveling bolts evenly support the machine weight.

The drainage holes are at rear right of MH-500M and SH-500M. Making the left end of the machine approximately 10 mm higher than the level of the right end is recommended.



Anchoring the machine

Normally there is no need to anchor the machine. If the machine is likely to vibrate, fix the machine to the floor with anchor bolts.

Shock absorption steel plates are provided and can be placed under each leveling bolt to prevent their sinking into the concrete floor.

Installing roller table (optional)

The roller table is used to support long material at the rear and/or the front of the machine.

If you have ordered the optional roller table for cutting long material, position it before or behind the machine.

Level the roller table and the stand with the machine by adjusting the leveling bolts.



Installing Fire Control Device

Install a fire extinguisher or any other fire control device in the shop in case a fire breaks out.

RELOCATING

We recommend you follow these procedures when relocating or shipping your machine to other place:

- 1. Descend the saw frame to its lowest position then turn off the power.
- 2. Fix the saw frame using the shipping bracket that originally came with the machine.
- 3. If you are shipping the machine, pack the machine carefully with industrial plastic wraps to protect it from dust.
- 4. Use a crane or forklift to raise it. If a crane is used to lift the machine, ensure that the lifting cable is properly attached to the machine.
- 5. Do not forget to include the equipments originally furnished including the shock absorption steel plates and the instruction manual.

Section 4

OPERATING INSTRUCTION

SAFETY PRECAUTIONS BEFORE OPERATING CONTROL PANEL STANDARD ACCESSORIES OPTIONAL ACCESSORIES UNROLLING & INSTALLING THE BLADE ADJUSTING SAW ARM ADJUSTING BLADE SPEED ADJUSTING COOLANT FLOW ADJUSTING WIRE BRUSH INSTALLING MATERIAL STOP BRACKET TEST-RUNNING THE MACHINE BREAKING-IN THE BLADE CUTTING OPERATION TERMINATING A CUTTING OPERATION

SAFETY PRECAUTIONS

For your safety, please read and understand the instruction manual before you operate the machine. The operator should always follow these safety guidelines:

- The machine should only be used for its designated purpose.
 - Do not wear gloves, neckties, jewelry or loose clothing/hair while operating the machine.
 - For eye protection, always wear protective safety glasses.
- Check the blade tension and adjust blade guides before starting the machine.
- Use auxiliary clamping or supporting devices to fix material in place before cutting long workpieces. Always make sure the material is clamped firmly in place before starting to cut.
- Do not remove jammed or cut-off pieces until the blade has come to a full stop.
- Keep fingers away from the path of the blade.
- Protection devices should be in place at all times. For your own safety, never remove these devices.
 - Disconnect machine from the power source before making repairs or adjustments.



- Wear protection gloves only when changing the blade.
- Do not operate the machine while under the influence of drugs, alcohol or medication.
- Do not take your eyes off the machine while in operation.
- Do place warning signs to mark out machine work zone and restrict entry to be staff-only.



BEFORE OPERATING

Choosing an appropriate saw blade and using the right cutting method is essential to your cutting efficiency and safety. Select a suitable saw blade and cutting method based on your work material and job requirements e.g. cutting accuracy, cutting speed, economic concern, and safety control.

Wet cutting

If you choose dry cutting or low-speed cutting, the chips may accumulate in machine parts and may cause operation failure or insulation malfunction. We suggest you choose wet cutting to avoid machine damage.

Cutting unknown materials

Before cutting an unknown material, consult the material supplier, burn a small amount of chips from the material in a safe place, or follow any other procedure to check if the material is flammable.



Never take your eyes off the machine while in operation.

Cutting fluid

For cooling and lubrication purpose, we recommend you use water-soluble cutting fluids. The following table lists out its pros and cons for your reference.

Pro	Con
 Have a high cooling effect Not flammable Economical Does not require cleaning of the cut products 	 Remove machine paint Lose its rust protection effect if deteriorated Tend to create foam Subject to decay Decline in performance, depending on the quality of the water used for dilution



Never use water as your coolant.

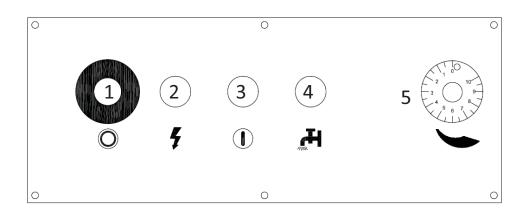
Always add coolant into water for better mix result.

Consult your coolant supplier for bandsaw use regarding coolant type and mix ratio.

Before starting a cutting job, make sure there is sufficient amount of coolant in the tank. Check the fluid level through the sight gauge. Please refer to machine specifications in this manual (Section 2) for tank capacity.

CONTROL PANEL (MH-500M)

The control panel is located on the top of the electrical box. It includes the following function: power system, hydraulic system, cooling system and the light system. The operator must fully understand the function of each switch and button before operating the machine.



No.	Name	No.	Name
1	Emergency stop button	4	Coolant pump selector
2	Power indicator lamp	5	Blade descend speed control knob
3	Saw blade start button		

Control Buttons

1. Emergency stop button

Press this button to stop the machine in an emergency. When the button is pressed, it brings the machine to a full stop. The button locks when pressed. In order to unlock it, please turn the button clockwise.



Also serves as saw blade stop button.

2. Power indicator lamp

When the lamp is on, it indicates the power to the machine is turned on.

3. Saw blade start button

When the button is pressed, the saw blade starts to cut.



Press emergency stop button to stop the blade.

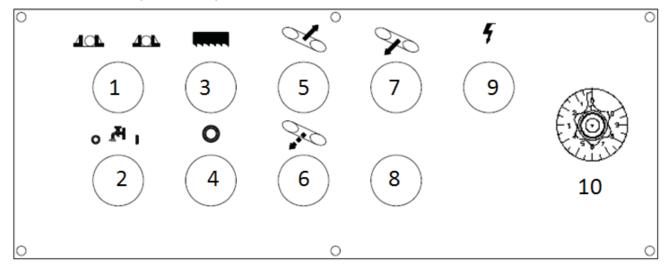
4. Coolant pump selector

When this switch is turned to left, coolant pump starts and the coolant will be injected whether blade is running or not. When this switch is turned to right, coolant will be injected when blade is running

and coolant will stop when the blade stops.

5. Blade descend speed control knob

- Turning the knob counterclockwise increases the blade descend speed.
- Blade descend speed is a determining factor to a good cutting time and quality cutoff surface.
- Also commonly known as the flow control valve



CONTROL PANEL (SH-500M)

No.	Name	No.	Name
1	Vise clamp/open switch	6	Saw bow down button
2	Coolant pump ON/OFF switch	7	Saw bow quick approach button
3	Saw blade start button	8	Emergency stop button
4	Saw blade stop button	9	Power indicator lamp
5	Saw bow up button	10	Blade descend speed control knob

Control Buttons

1. Vise open/clamp switch

When the switch is turned to the left, the vises open. When the switch is turned to the right, the vises close until the operator lets go of the switch or until the full stroke vises are clamped together.

Make sure the material is securely clamped by the vise before cutting.

After the blade motor is running, the function of this switch is disabled for the safety concern.

2. Coolant pump on/off switch

When this switch is turned to "1" position, coolant pump starts and the coolant will be injected whether blade is running or not. When this switch is turned to "0" position, coolant will be injected when blade is running and coolant will stop when the blade stops. When this switch is turned to middle, coolant pump will remain stop.

3. Saw blade start button

Press this button to start the blade motor.

Make sure the material is securely clamped by the vise before cutting.

4. Saw blade stop button

Press this button to stop the blade motor.

After the cutting job is done, the saw blade will stop and the saw bow will automatically go up to the top limit switch position.

5. Saw bow up button

When this button is pressed, the saw bow rises until the operator lets go of the button.

While pressing the *saw bow up* button can stop the running blade, please still make use of the *emergency stop* button in an emergency.

6. Saw bow down button

When this button is pressed for once, saw bow will automatically go down at the preset speed adjusted by *blade descend speed control knob*.

Before descending the saw bow, please move the guide arm to a safe position to prevent it from hitting the vise.

Press saw bow up button to stop saw bow descending.

7. Saw bow quick apporach button

When this button is pressed, the saw bow descends and approaches to the material at quick speed until the operator lets go of button.

Before descending the saw bow, please move the guide arm to a safe position to prevent it from hitting the vise.

8. Emergency stop button

Press this button to stop the machine in an emergency. When the button is pressed, it brings the machine to a full stop. The button locks when pressed. In order to unlock it, please turn the button clockwise.

9. Power indicator lamp

When the lamp is on, it indicates the power to the machine is turned on.

10. Blade descend speed control knob

- Turning the knob counterclockwise increases the blade descend speed.
- Blade descend speed is a determining factor to a good cutting time and quality cutoff surface.
- Also commonly known as the flow control valve

STANDARD ACCESSORIES

Blade tension device



- This blade tension device provides appropriate tension to the saw blade.
- Turn the handle clockwise or counterclockwise to tighten or loosen the blade tension.
- Please check the blade tension with the tensiometer.
- The line should line up with the pointer after adjusting tension.



Never adjust blade tension while the blade is running.

Wire brush



The wire brush removes the metal chips on the saw blade teeth to so that blade life can be extended.



Keep hands away from the brush while the wire brush is running

Turn off the hydraulic motor or the main power switch before performing maintenance or cleaning on the wire brush drive system.

Gear reducer



The specially designed gear reducer can work toward your preset blade speed and torque.



Please refer to section 8 for information on maintenance.

Saw bow swivel lock handle



This lock handle is used to lock the saw bow when it is settled at the designated angle before miter cutting.



Po no adjust angle while cutting.

Saw bow upper limit block



The operator should adjust upper limit block position to adjust saw bow raise time.

Manual vise (MH-500M)



Pawl



Handwheel

Steps to clamp manual vise:

Step 1 - Lift the pawl and move the movable vise close to the material.

Step 2 - Put down the pawl.

Step 3 - Turn the handwheel to clamp the vise tightly.

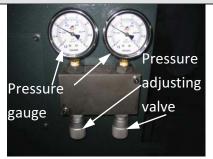
Hydraulic movable vise (SH-500M)



Use the vise clamp/open switch to control the hydraulic vise.

OPTIONAL ACCESSORIES

Vise pressure regulator



- This adjustment valve is used to control vise pressure.
- Adjust vise pressure based on the material of your workpiece.
 - When cutting pipes or soft materials, reduce vise pressure to prevent exerted pressure from damaging the workpiece shape or exterior.



Do not adjust vise pressure at any time during cutting.

Vise pressure should never be lower than 8 kg/cm².

0.5M Roller Table



This 0.5M roller table supports the work material and ensures the material is fed in smoothly.

1M Roller Table



The optional 1M roller table supports the work material and ensures the material is fed in smoothly.

2M Roller Table



The optional 2M roller table supports the work material and ensures the material is fed in smoothly.

Blade Deviation Detector & Calibration Procedure (Optional)



Blade Deviation Detector

This device detects blade deviation. If the blade deviates out of the tolerance range, the machine will stop automatically.

[Remark] When this device is installed, the cutting width will be reduced.

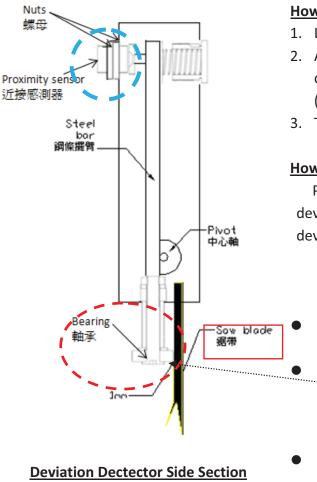
The blade deviation detected value and present values are displayed on the HMI screen.

Before cutting, please make sure if the deviation value is "Zero". If not, please calibrate the deviation detector before proceeding to cutting.

Deviation Tolerance (Recommended):

±0.1~0.5 mm (±0.004"~0.02 ") °

*Set up according to the tolerance range the users need.



How to Adjust

- 1. Loosen the nuts.
- Adjust the proximity sensor until the blade deviation value shown the display returns to zero. (Please refer to the next page.)
- 3. Tighten the nuts.

How to Check

Put a thick ruler (0.1mm) between saw blade and deviation roller for measurement. Also, check the deviation tilt value; it should be 0.1mm.

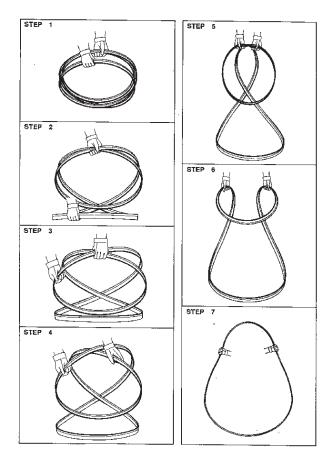
- Adjust the proximity sensor until the blade deviation displayed on the control panel is zero.
- If the deviation value not changed when adjusting the proximity sensor or **bearing**, it means the deviation detector with malfunction. Need to replace a new one.
- Please clean the internal shell of deviation detector sometimes for keeping dry and clean.

UNROLLING & INSTALLING THE BLADE

Always wear leather gloves and protection glasses when handling a blade.

Unrolling the blade

Please follow the procedures illustrated below.



Installing a new blade

- Step 1 Select the most suitable saw blade for your workpiece considering the size, shape and material.
- Step 2 Turn on the machine power.
- Step 3 Press the saw bow up button and elevate the saw bow to the highest position.
- Step 4 Release blade tension by turning the blade tension handle counterclockwise. The idle wheel will then move slightly toward the direction of the drive wheel.



Step 5 - Open the idle and drive wheel covers.

Step 6 - Loosen the adjustment bolt and move the wire brush away from the blade.



- Step 7 Remove the old blade. If necessary, clean the carbide inserts before installing a new saw blade.
- Step 8 Place the new blade around the idle wheel and the drive wheel.
- Step 9 Insert the blade into the left and right tungsten carbide inserts. The back and the sides of the blade need to be touching the inserts as well as the adjacent rollers.
- Step 10 Place the blade to the drive wheel and press the back of the blade against the flange of the drive wheel.
- Step 11 Make sure the back of the blade is also pressed against the flange of the idle wheel.
- Step 12 Apply tension by turning the blade tension handle clockwise. Make sure you have proper
- blade tension. Proper tension exists when the blade does not slip on the drive wheel when cutting.
- Step 13 Make sure the sides of the blade are in close contact with the carbide inserts.
- Step 14 Gently close the idle and drive wheel covers.
- Step 15 Press the saw blade start button to start the blade. Allow the blade to run for a few rotations then press the saw bow up button to elevate the saw bow. Open the wheel covers and make sure the blade has not fallen off the drive and idle wheels. If the blade has shifted, follow the same procedure to reinstall the blade again.
- Step 16 Adjust wire brush to a proper position. Refer to Adjusting wire brush in this section.

ADJUSTING SAW ARM

Adjust the blade guide (guide arm) position based on the size of your workpiece:

While adjusting the guide arm, be careful not to hit the vise.

Step 1 – Loosen the blade guide locking handle. Then adjust the guide arm to a position suitable for your workpiece size. Move the right blade guide according to the label for miter cutting.

Step 2 – After adjustment is made, tighten the blade guide locking handle.

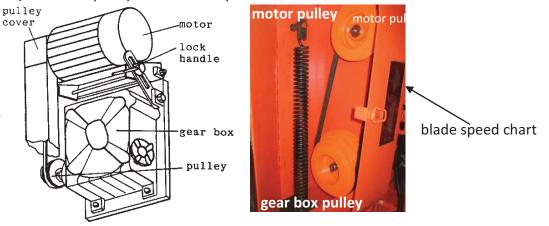


ADJUSTING BLADE SPEED

According to operator's need, two kinds of pulleys can be chosen to adjust blade speed.

Step pulley

- Step 1 Remove pulley cover.
- Step 2 Loosen lock handle between motor and gear box.
- Step 3 Position belt in proper grooves according to the blade speed chart.
- Step 4 Make sure the belt is tightly and securely positioned in the groove and tighten lock handle.
- Step 5 Install pulley cover back in place.



Variable stepless pulley(optional)

Step 1 – Set the blade speed control knob to "0" position.

- Step 2 Press the *saw blade start* button to start the blade.
- Step 3 Refer to blade speed reference chart and turn the *blade speed control knob* to adjust the blade speed. Turn clockwise to decrease the speed and counterclockwise to increase the speed.



Blade Speed Control Knob Blade Speed 🦟 Chart



ADJUSTING COOLANT FLOW

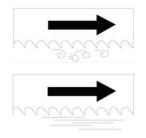
- Step 1 Press the *saw blade start* button to start the saw blade drive motor.
- Step 2 For SH-500M only, press the saw bow down button or saw bow quick approach button.
- Step 3 Use the flow control valve (shown below) to adjust the amount of fluid flowing to the cutting



Flow Control Valve

Adjust the flow amount if you observe the following changes to the chips generated from

cutting.



If the chips are sharp and curved, increase the coolant flow amount.

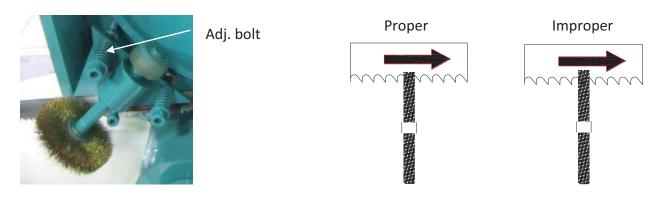
If the chips are granulated, decrease the coolant flow amount.

ADJUSTING WIRE BRUSH

Follow these steps to adjust wire brush to appropriate position:

Step 1 – Open the drive wheel cover. Loosen the adjustment bolt.

- Step 2 Adjust brush to make it move up / down until it makes proper contact with the saw blade (see below illustration).
- Step 3 Tighten the adjustment bolt. Close the drive wheel cover.



INSTALLING MATERIAL STOP BRACKET

This device is easy to cut the same length repeatedly and saves adjusting time.

Step 1 - Install the depth bar and tighten the set screw. The depth bar is taken off from the machine base during transit for safety reason.

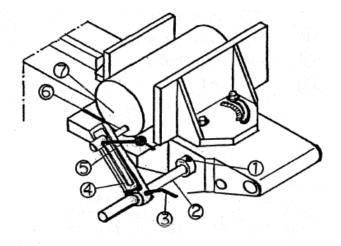
Step 2 - Lift the saw bow and clamp material securely with vise.

Step 3 - Lower the saw bow to allow about 1 mm clearance between saw blade teeth edge and the top of the material. Then measure your desired cutoff length.

Step 4 - Loosen the fastening bolt.

Step 5 - Slide and position the stopper so that the end of stopper faces the direction of the front end of the material. Then tighten the stopper handle to fix the stopper in the bracket.

Step 6 - Move the stopper bracket toward the workpiece so the stopper end just touches the front of the material, then tighten the fastening bolt.



D	Set screw Depth bar Fastening bolt
2)	Depth bar
3	Fastening bolt
4	Stopper bracket
5	Stopper handle
6	Stopper
7	Front end of material

TEST-RUNNING THE MACHINE

Test-running this machine can ensure good machine performance in the future. We suggest you run the following tests on the machine before first use:

Testing machine performance:

Turn on the power and run a basic performance test after you finish installing the machine. Follow these steps to test machine performance:

- Step 1 Disassemble shipping brackets and bolts.
- Step 2 Install roller table (optional for SH-500M).
- Step 3 Turn on the relay switch in the control box.
- Step 4 Elevate the saw bow. (If your coolant pump is in reverse and the machine cannot run, please change the electrical phase.)
- Step 5 Remove the rust-prevention grease with cleaning oil or kerosene.
- Step 6 Start the coolant pump.
- Step 7 Test these functions:
 - vise clamping/unclamping
 - saw bow ascending/descending

BREAKING-IN THE BLADE

When a new saw blade is used, be sure to first break in the blade before using it for actual, extended operation. Failure to break in the blade will result in less than optimum efficiency. To perform this break-in operation, the following instructions should be followed:

Step 1 - Reduce the blade speed to one-half of its normal setting.

Step 2 - Lengthen the cutting time to 2-3 times of what is normally required.

Step 3 - After the break-in operation is completed, set all parameters back to normal settings.

CUTTING OPERATION

Step 1 – Check before you cut

- **Power:** Check the voltage and frequency of your power source.
- **Coolant:** Check if you have sufficient coolant in the tank.
- Hydraulic: Check if you have sufficient (at least two-thirds or higher) hydraulic oil.
- **Blade:** Check the blade teeth and make sure there is no worn out teeth along the blade.
- Saw bow: Check the saw bow to see if it can be elevated and lowered smoothly.

Step 2 – Place your workpiece onto the workbed manually or by using a lifting tool e.g. a crane.

Before loading, make sure the vises are opened to at least wider than the width of the workpiece.

Step 3 – Position your workpiece.

Step 4 – Clamp the workpiece.

Step 5 – Adjust *blade descend speed control* knob to obtain a suitable blade descend speed for your material.

Step 6 – Start running the blade.

Before you start cutting, check again that there is no other object in the cutting area.

Step 7 – While the blade descends, adjust the blade speed if necessary. Please refer to *Adjusting Blade Speed*.

Step 8 – Select the proper cutting condition according to different material.

Step 9 – After the entire cutting job is completed, MH-500M will stay at lower limit position and SH-500M will go up to the upper limit position. Open the vises to remove the workpiece.

Step 10 – Clean the workbed by removing chips and cutting fluids.

Step 11 – Lower the saw bow to a proper position then turn off the power.

TERMINATING A CUTTING OPERATION

- For MH-500M, the saw blade will stop running when the *emergency stop button* is pressed.
- For SH-500M, the saw blade will stop running when the *saw bow up button* or the saw blade stop button is pressed.
- For SH-500M, both the saw blade and hydraulic pump motors will stop running when the *emergency stop* button is pressed.

ELECTRICAL SYSTEM

ELECTRICAL CIRCUIT DIAGRAMS

The following are electrical circuit diagrams of MH-500M: Fig 5-1 Control Panel Layout Fig 5-2 AC 110V Circuitry Fig 5-3 Power Supply Layout

The following are electrical circuit diagrams of SH-500M: Fig 5-4 Control Panel Layout (non-CE) Fig 5-5 AC 110V Circuitry (non-CE) Fig 5-6 Power Supply Layout (non-CE) Fig 5-7 Control Panel Layout (CE) Fig 5-8 AC 110V Circuitry (CE) Fig 5-9 Power Supply Layout (CE)

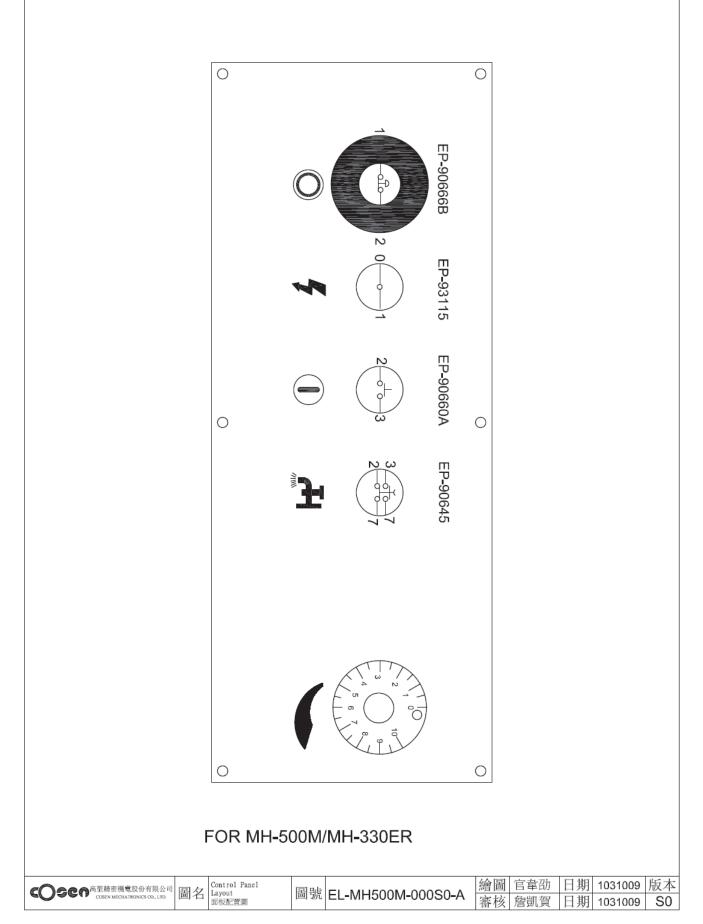


Fig 5-1 Control Panel Layout

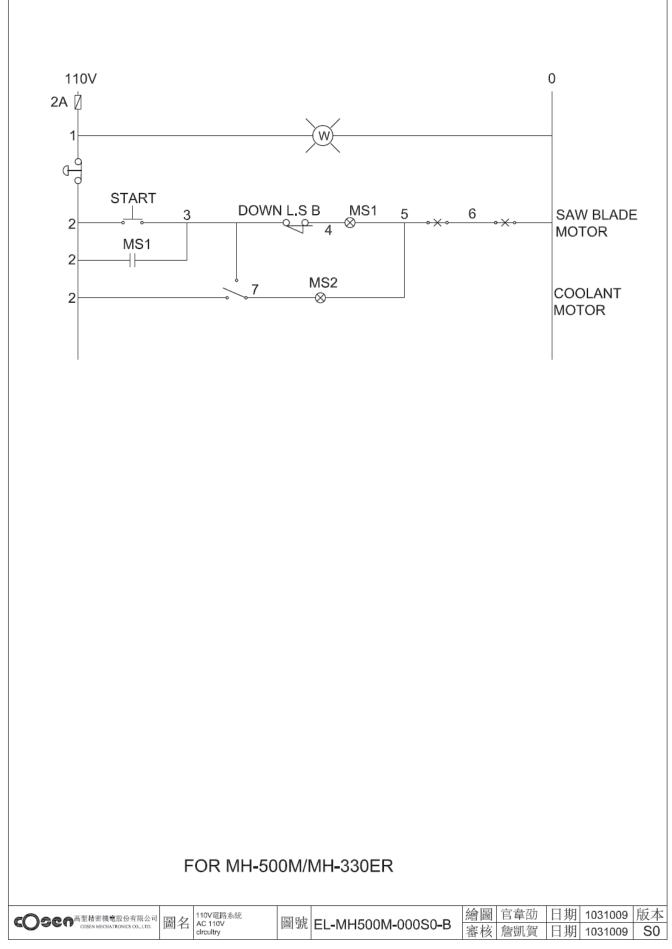


Fig 5-2 AC 110V Circuitry

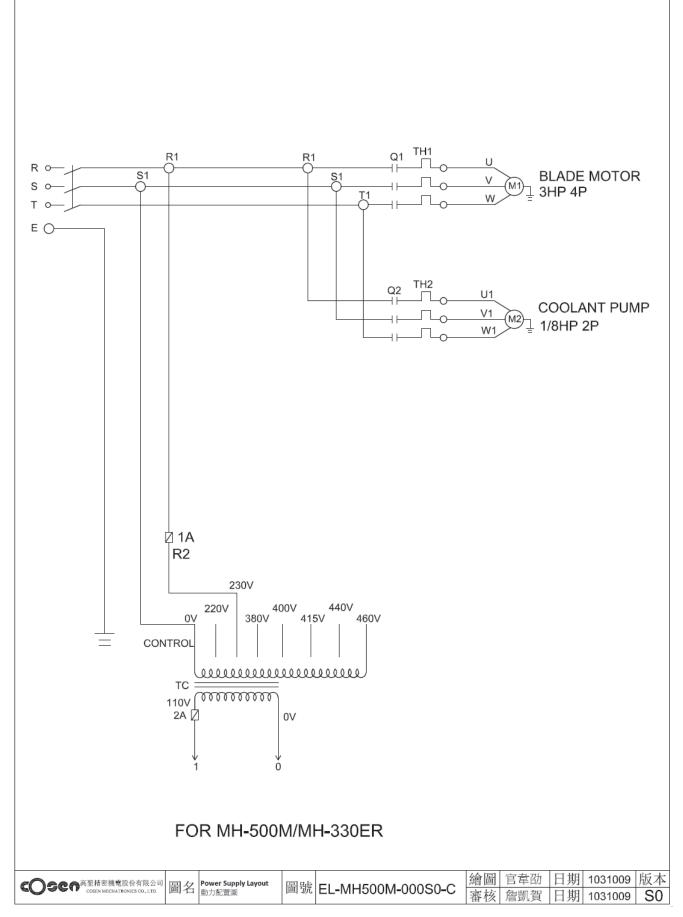


Fig 5-3 Power Supply Layout

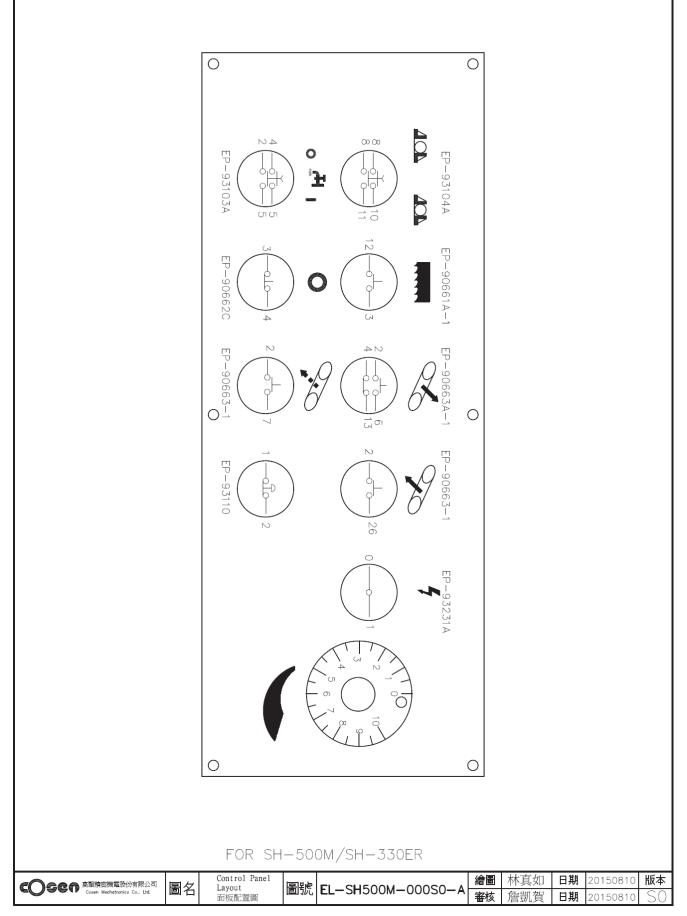


Fig 5-4 Control Panel Layout (non-CE)

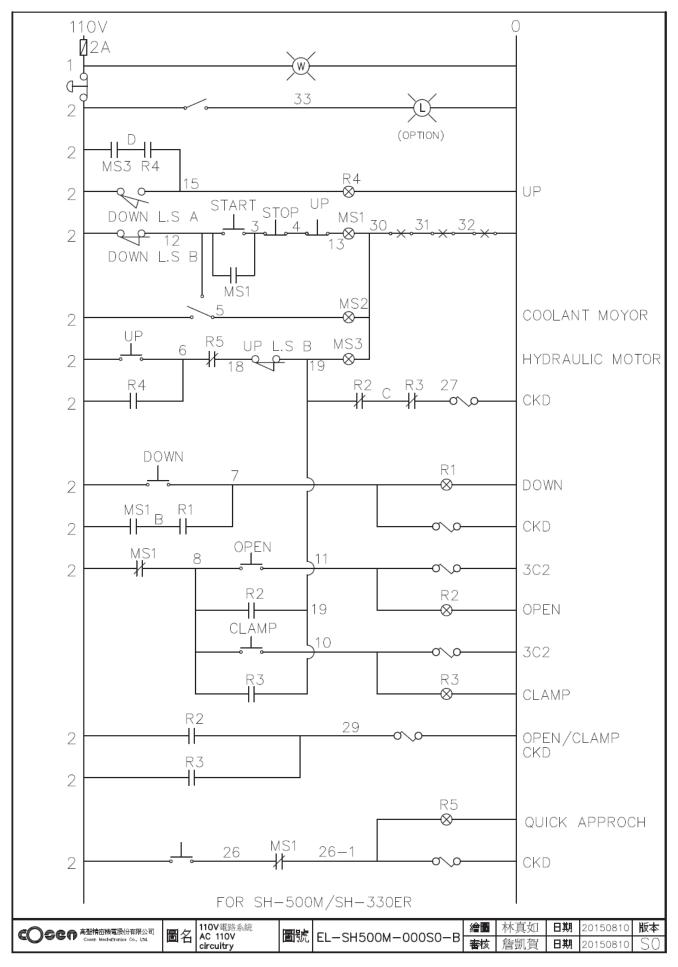


Fig 5-5 AC 110V Circuitry (non-CE)

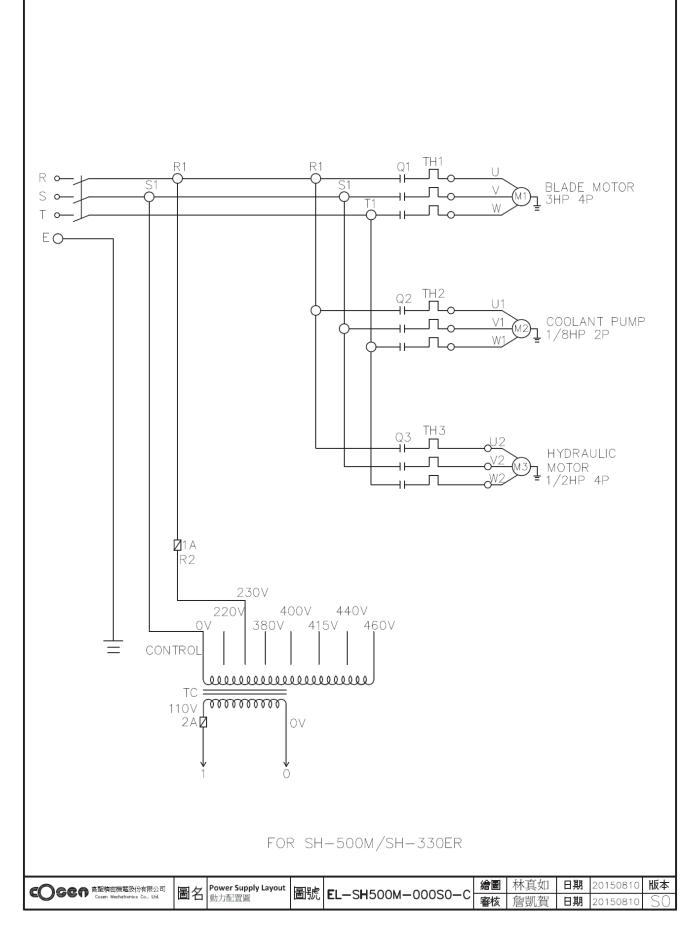


Fig 5-6 Power Supply Layout (non-CE)

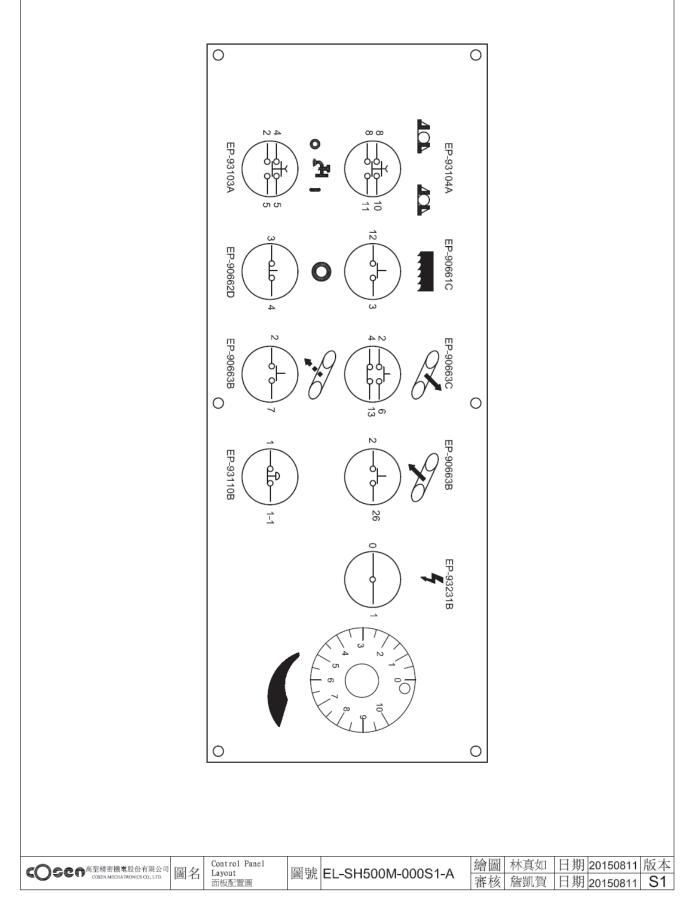


Fig 5-7 Control Panel Layout (CE)

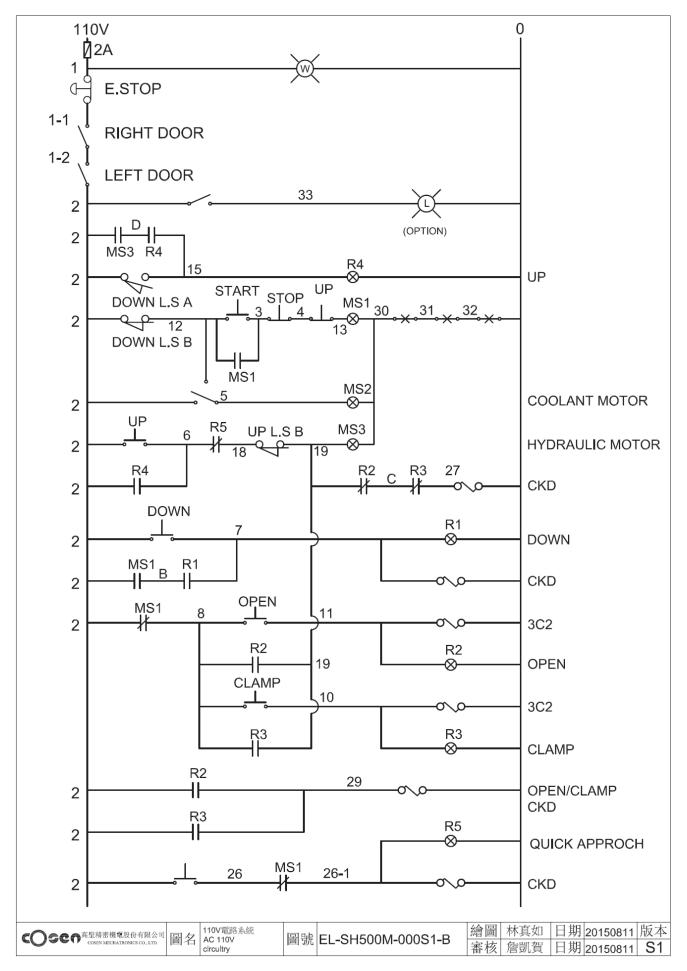


Fig 5-8 AC 110V Circuitry (CE)

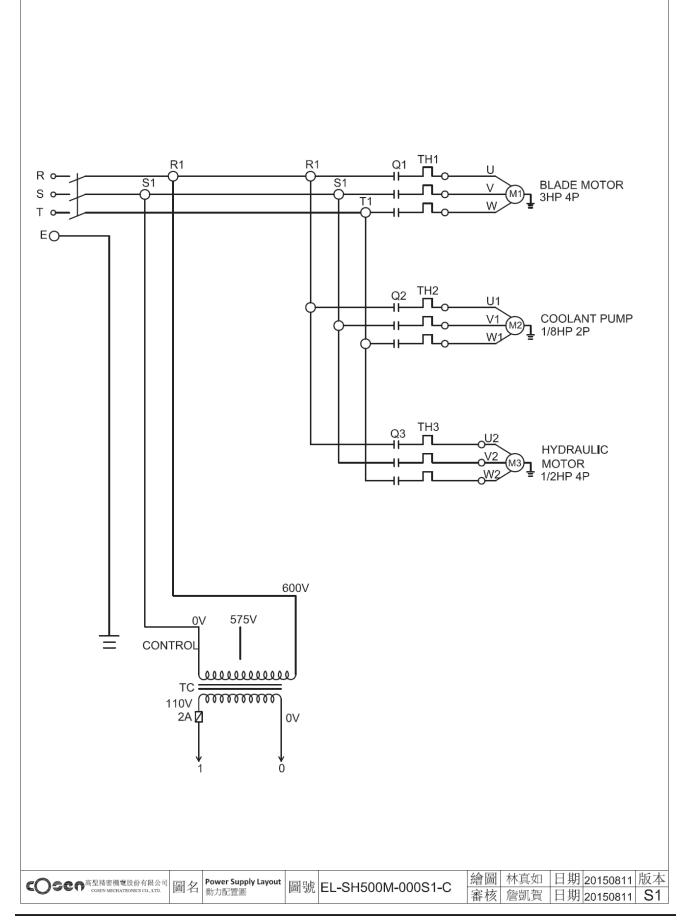
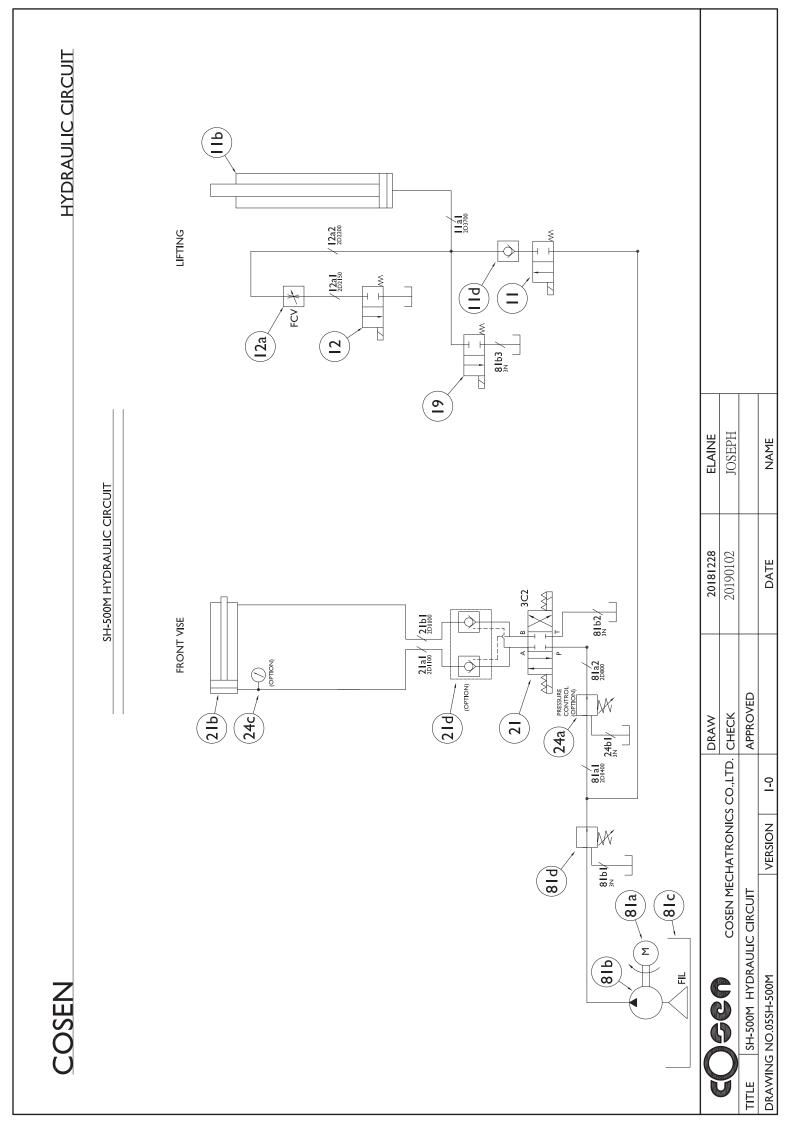


Fig 5-9 Power Supply Layout (CE)

Section 6

HYDRAULIC SYSTEM

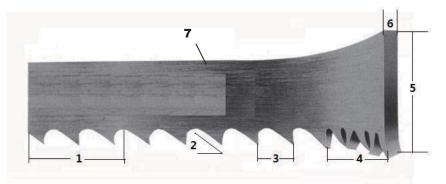
HYDRAULIC CIRCUIT DIAGRAM



BANDSAW CUTTING: A PRACTICAL GUIDE

INTRODUCTION SAW BLADE SELECTION VISE LOADING BLADE BREAK-IN

INTRODUCTION



- 1. TPI: The number of teeth per inch as measured from gullet to gullet.
- 2. Tooth Rake Angle: The angle of the tooth face measured with respect to a line perpendicular to the cutting direction of the saw.
- 3.Tooth Pitch: Tooth pitch refers to the number of teeth per inch (tpi). 1 inch equates to 25.4 mm.

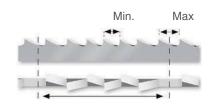
A distinction is made between constant tooth pitches with a uniform tooth distance, 2 tpi for example, and variable tooth pitches with different tooth distances within one toothing interval.

Variable tooth pitches, for instance 2-3 tpi, can be characterized by two measures: 2 tpi stands for the maximum tooth distance and 3 tpi stands for the minimum tooth distance in the toothing interval.

Constant

Variable





4. Set: The bending of teeth to right or left to allow clearance of the back of the blade through the cut.

5. Width: The nominal dimension of a saw blade as measured from the tip of the tooth to the back of the band.

6. Thickness: The dimension from side to side on the blade.

7. Gullet: The curved area at the base of the tooth. The tooth tip to the bottom of the gullet is the gullet depth.

SAW BLADE SELECTION

1. Band length

The dimensions of the band will depend on the band saw machine that has been installed.

Please refer to Section 2 - General Information

2. Band width

Band width: the wider the band saw blade, the more stability it will have.

3. Cutting edge material

The machinability of the material to be cut determines what cutting material you should choose.

4. Tooth pitch

The main factor here is the contact length of the blade in the workpiece.

If it is 4P, $25.4 \div 4$ P = 6.35 mm, that is, one tooth is 6.35 mm.

If it is 3P, $25.4 \div 3P = 8.46$ mm If the number is small, it means that the tooth is large.

What is written as 3/4 is that it is a variable pitch of large (3) / small (4).

The saw blade must contact the cutting material at least two pitches. In the case of a thickness of 15 mm, 4P = OK, 3P = NG.

- The surface conditions will also affect the cutting rate. If there are places on the surface on the material which are hard, a slower blade speed will be required or blade damage may result.
- It will be slower to cut tubing than to cut solids, because the blade must enter the material twice, and because coolant will not follow the blade as well.
- Tough or abrasive materials are much harder to cut than their machinability rating would indicate.
- Tooth spacing is determined by the hardness of the material and its thickness in cross section.
- Tooth set prevents the blade from binding in the cut. It may be either a "regular set" (also called a "raker set") or a "wavy set".
- The regular or raker set is most common and consists of a pattern of one tooth to the left, one tooth to the right, and one which is straight, or unset. This type of set is generally used where the material to be cut is uniform in size and for contour cutting.
- Wavy set has groups of teeth set alternately to right and left, forming a wave-like pattern. This reduces the stress on each individual tooth, making it suitable for cutting thin material or a variety of materials where blade changing is impractical. Wavy set is often used where tooth breakage is a problem. This is shown in Fig. 7.2 as follows:

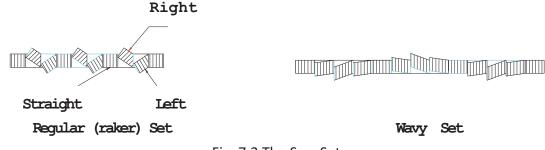


Fig. 7.2 The Saw Set

VISE LOADING

The position in which material is placed in the vise can have a significant impact on the cost per cut. Often, loading smaller bundles can mean greater sawing efficiency.



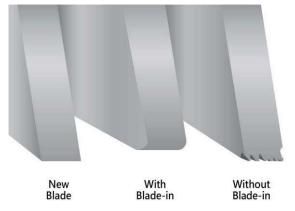
When it comes to cutting odd-shaped material, such as angles, I-beams, channel, and tubing, the main point is to arrange the materials in such a way that the blade cuts through as uniform a width as possible throughout the entire distance of cut.

The following diagrams suggest some costeffective ways of loading and fixturing. Be sure, regardless of the arrangement selected, that the work can be firmly secured to avoid damage to the machine or injury to the operator.



BladeBreak -In

Completing a proper break-in on a new band saw blade will dramatically increase its life.



1. Select the proper band speed for the material to be cut.

2. Reduce the feed force/rate to achieve a cutting rate 20% to 50% of normal (soft materials require a larger feed rate reduction than harder materials).

3.Begin the first cut at the reduced rate. Make sure the teeth are forming a chip. Small adjustments to the band speed may be made in the event of excessive noise/vibration. During the first cut, **increase feed rate/force** slightly once the blade fully enters the workpiece.With each following cut, **gradually increase feed rate/force** until normal cutting rate is reached.

Section 8

MAINTENANCE & SERVICE

INTRODUCTION BASIC MAINTENANCE MAINTENANCE SCHEDULE BEFORE BEGINNING A DAY'S WORK AFTER ENDING A DAY'S WORK Every 2 weeks First 600hrs for new machine,then every 1200hrs for routine change EVERY SIX MONTHS STORAGE CONDITIONS TERMINATING THE USE OF MACHINE OIL RECOMMENDATION FOR MAINTENANCE

INTRODUCTION

For the best performance and longer life of the band saw machine, a maintenance schedule is necessary. Some of the daily maintenance usually takes just a little time but will give remarkable results for the efficient and proper operation of cutting.

BASIC MAINTENANCE

It is always easy and takes just a little effort to do the basic maintenance. But it always turns out to be a very essential process to assure the long life and efficient operation of the machine. Most of the basic maintenance requires the operator to perform it regularly.

MAINTENANCE SCHEDULE

We suggest you do the maintenance on schedule.

Before beginning a day's work

- 1. Please check the hydraulic oil level. If oil level volume is below 1/2, please add oil as necessary.(Filling up to 2/3 level is better for system operation.)
- 2. Please check the cutting fluid level, adding fluid as necessary. If the fluid appears contaminated or deteriorated, drain and replace it.
- 3. Please check the saw blade to ensure that it is properly positioned on both the drive and idle wheels.
- 4. Please make sure that the saw blade is properly clamped by the left and right inserts.
- 5. Please check the wire brush for proper contact with the saw blade. Replace the wire brush if it is worn out.

After ending a day's work

Please remove saw chips and clean the machine with discharging the cutting fluid when work has been completed.

Do not discharge cutting fluid while the saw blade is operating because it will cause severe injury on operator's hand.



Be sure the saw blade is fully stop, it will be performed after working inspection.

Every 2 weeks

Please apply Grease to the following points:

- 1. Idle wheel
- 2. Drive wheel
- 3. Blade tension device

Recommended Grease:

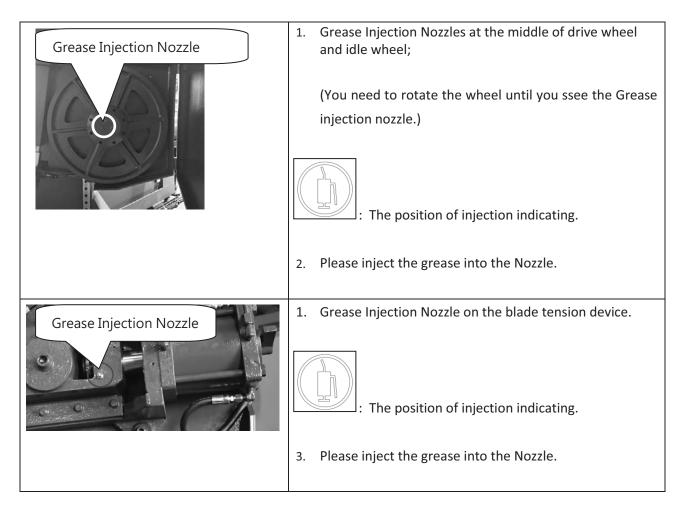
- Shell Alvania EP Grease 2
- Mobil Mobilplex 48

Please apply lubricating oil to the following points: (if applicable) Main shaft (double column)

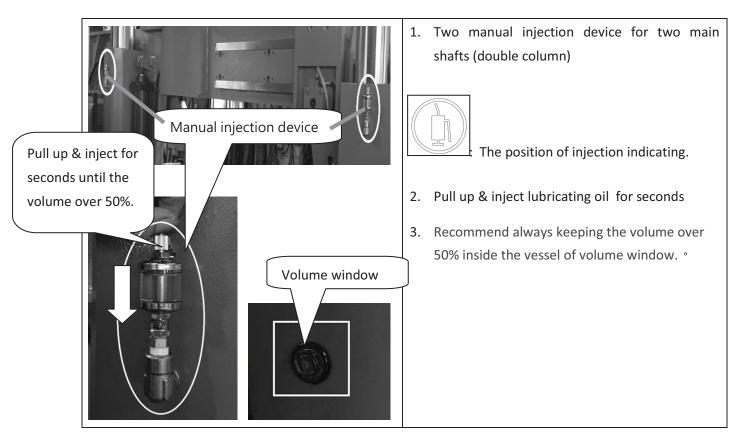
Recommended Lubricating Oil:

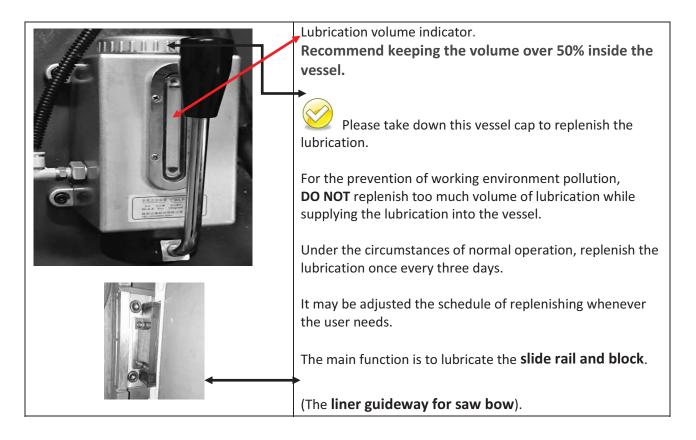
CPC Circluation oil R68

Grease Injection Hole:



Lubricating Oil Injection for Main shaft (double column) (if applicable):





First 600hrs for new machine, then every 1200hrs for routine change

Replace the transmission oil after operating for first 600hrs for new machine, then every 1200hrs

Recommended gear oil

- Shell Omala oil HD220
- Mobil gear 630

Recommended hydraulic oil

- ShellTellus 32
- Mobil DTE Oil Light Hydraulic 24

Every six months

1.Clean the filter of the cutting fluid.

2.Replace the transmission oil for every half of a year(or 1200 hours). Check the sight gauge to ascertain the transmission level.

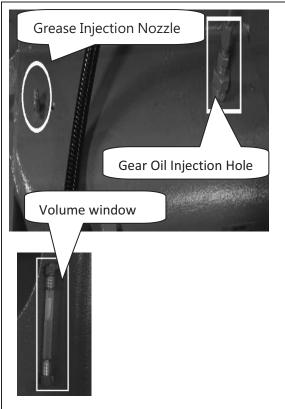
Recommended TRANSMISSION OIL

- Omala oil HD220
- Mobil comp 632 600W Cylinder oil
- 3.Replace the hydraulic oil.

Recommended HYDRAULIC OIL

- ShellTellus 32
- Mobil DTE Oil Light Hydraulic 24

Gear Oil & Grease Injection Hole:



1. A grease injection hole and a gear oil injection hole on the top of gear reducer.



: The position of injection indicating.

2. Recommend keeping the volume over 50% inside the vessel of volume window. °

To unload the waste fluid:



- 1. Put the waste oil container in the bottom of the reducer for unloading waste fluid
- 2. Use the wrench to open the screw for unloading the waste fluid.
- 3. Make sure the screw bolted tightly after unloading completed,

STORAGE CONDITIONS

Generally, this machine will be stored on the following conditions in future:

- (1) Turn off the power.
- (2) Ambient temperature: $5^{\circ}C \sim 40^{\circ}C$
- (3) Relative humidity: 30%~85% (without condensation)
- (4) Atmosphere: use a plastic canvas to cover machine to avoid excessive dust, acid fume,

corrosive gases and salt.

(5) Avoid exposing to direct sunlight or heat rays which can change the environmental temperature.

- (6) Avoid exposing to abnormal vibration.
- (7) Must be connected to earth.

TERMINATING THE USE OF THE MACHINE

Waste disposal:

When your machine can not work anymore, you should drain the oil from machine body. Please store the oil in safe place with bottom tray. Ask a environment specialist to handle the oil. It can avoid soil pollution. The oil list in machine:

- Hydraulic oil
- Cutting fluid
- Drive wheel gear oil

OIL RECOMMENDATION FOR MAINTENANCE

ltem		Method	Revolution	Suggest oil
Dovetail g	uide	Keep grease covered. Antirust.	Daily	Shell R2
Roller bea	ring	Sweep clean and oil with lubricant.	Daily	SEA #10
Bed roller	/ surface	Sweep clean and oil with lubricant.	Daily	SEA #10
Nipples of	bearing	Use grease gun, but not excess.	Monthly	Shell R2
Blade tens	sion device	Use grease gun, but not excess.	Monthly	Shell Alvania EP Grease 2, Mobil Mobilplex 48
Reducer		Inspect once a week. Change oil of 600 hours of using. Change it every year.	Regularly	Omala oil HD220 Mobil Gear 630
Hydraulic	system	Inspect half a year. Change oil every year.	Regularly	Shell Tellus 32 Mobil DTE oil Light Hydraulic 24
	Inserts	Oil with lubricant, but not excess.	Daily	
Desides	Band wheel	Oil with lubricant, but not excess.	Weekly	
Bearing	Cylinder	Oil with lubricant, but not excess.	6 Monthly	Shell R2
	Wire brush	Oil with lubricant, but not excess.	6 Monthly	

1. Turn off the stop circuit breaker switch before servicing the machine.

- 2. Then post a sign to inform people that the machine is under maintenance.
- 3. Drain all of the cutting fluid and oil off and carefully treat them to avoid pollution.
- 4. The machine must be either LOCKED OUT OR TAGGED OUT while under maintenance.

Section 9

TROUBLESHOOTING

INTRODUCTION PRECAUTIONS GENERAL TROUBLES & SOLUTIONS MINOR TROUBLES & SOLUTIONS MOTOR TROUBLES & SOLUTIONS BLADE TROUBLES & SOLUTIONS SAWING PROBLEMS & SOLUTIONS RE-ADJUSTING THE ROLLER TABLE

INTRODUCTION

All the machines manufactured by us pass a 48 hours continuously running test before shipping out and we are responsible for the after sales service problems during the warranty period if the machines are used normally. However, there still exist the some unpredictable problems which may disable the machine from operating.

Generally speaking, the system troubles in this machine model can be classified into three types, namely GENERAL TROUBLES, MOTOR TROUBLES and BLADE TROUBLES. Although you may have other troubles which can not be recognized in advance, such as malfunctions due to the limited life-span of mechanical, electric or hydraulic parts of the machine.

We have accumulated enough experiences and technical data to handle all of the regular system troubles. Meanwhile, our engineering department had been continuously improving the machines to prevent all possible troubles.

It is hoped that you will give us your maintenance experience and ideas so that both sides can achieve the best performance.

PRECAUTIONS

When an abnormality occurs in the machine during operation, you can do it yourself safely. If you have to stop machine motion immediately for parts exchanging, you should do so according to the following procedures:

- Press HYDRAULIC MOTOR OFF button or EMERGENCY STOP button.
- Open the electrical enclosure door.
- Turn off breaker.

BEFORE ANY ADJUSTMENT OR MAINTENANCE OF THE MACHINE, PLEASE MAKE SURE TO TURN OFF THE MACHINE AND DISCONNECT THE POWER SUPPLY.

GENERAL TROUBLES AND SOLUTIONS

DISCONNECT POWER CORD TO MOTOR BEFORE ATTEMPTING ANY REPAIR OR INSPECTION.

TROUBLE	PROBABLE CAUSE	SUGGESTED REMEDY
	Excessive belt tension	Adjust belt tension so that belt does not slip on drive pulley while cutting (1/2" Min. deflection of belt under moderate pressure.)
Motor stalls	Excessive head pressure	Reduce head pressure. Refer to Operating Instructions "Adjusting Feed".
	Excessive blade speed	Refer to Operating Instructions "Speed Selection".
	Improper blade selection	Refer to Operating Instructions "Blade Selection".
	Dull blade	Replace blade.
Connet make	Guide rollers not adjusted properly	Refer to Adjustments.
Cannot make square cut	Rear vise jaw not adjusted properly	Set fixed vise jaw 90 $^{\circ}$ to blade.
	Excessive head pressure	Reduce head pressure. Refer to operating instructions "Adjusting Feed."
	Dull blade	Replace blade
Increased cutting time	Insufficient head pressure	Increase head pressure. Refer to Operating Instructions "Adjusting Feed."
	Reduce blade speed	Refer to Operating Instructions "Speed Selection."
	Motor running in wrong direction	Reverse rotation of motor. (Motor rotation C.C.W. pulley end.)
Will not cut	wrong direction	Remove blade, turn blade inside out. Re-install blade. (Teeth must point in direction of travel.)
	Hardened material	Use special alloy blades. (Consult your industrial distributor for recommendation on type of blade required.)

MINOR TROUBLES & SOLUTIONS

TROUBLE	PROBABLE CAUSE	SUGGESTED REMEDY
Saw blade motor does not run	Overload relay activated	Reset
even though blade drive button	Saw blade is not at forward	Press SAW FRAME
is pressed.	limit position.	FORWARD button

MOTOR TROUBLES & SOLUTIONS

TROUBLE	PROBABLE CAUSE	SUGGESTED REMEDY
	Magnetic switch open, or	Reset protector by pushing red button (inside
	protector open.	electric box.)
Motor will not start	Low voltage	Check power line for proper voltage.
	Open circuit in motor or loose	Inspect all lead terminations on motor for loose
	connections.	or open connections.
	Short circuit in line, cord or	Inspect line, cord and plug for damaged
	plug.	insulation and shorted wire.
Motor will not start,	Short circuit in motor or loose	Inspect all lead terminations on motor for loose
fuse or circuit	connections	or shorted terminals or worn insulation on
breakers "blow".		wires.
	Incorrect fuses or circuit	Install correct fuses or circuit breakers.
	breakers in power line.	
Motor fail to develop	Power line overloaded with	Reduce the load on the power line.
full power. (Power	lights, appliances and other	
output of motor	motors.	
decreases rapidly	Undersize wires or circuit too	Increase wire sizes, or reduce length of wiring
with decrease in	long.	
voltage at motor	General overloading of power	Request a voltage check from the power
terminals.)	company's facilities.	company
	Motor overloaded.	Reduce load on motor
Motor overheat	Air circulation through the	Clean out motor to provide normal air
	motor restricted.	circulation through motor.
	Short circuit in motor or loose	Inspect terminals in motor for loose or shorted
Motor stalls	connections.	terminals or worn insulation on lead wires.
(Resulting in blown	Low voltage	Correct the low line voltage conditions.
fuses or tripped	Incorrect fuses or circuit	Install correct fuses circuit breakers.
circuit breakers)	breakers in power line.	
	Motor overloaded	Reduce motor load.
Frequent opening of	Motor overloaded	Reduce motor load
fuses or circuit	Incorrect fuses or circuit	Install correct fuses or circuit breakers.
breakers.	breakers.	

DISCONNECT POWER CORD TO MOTOR BEFORE ATTEMPTING ANY REPAIR OR INSPECTION.

TROUBLE	PROBABLE CAUSE	SUGGESTED REMEDY
	Too few teeth per inch	Use finer tooth blade
Teeth	Loading of gullets	Use coarse tooth blade or cutting lubricant.
strippage	Excessive feed	Decrease feed
	Work not secured in vise	Clamp material securely
	Teeth too coarse	Use a finer tooth blade
	Misalignment of guides	Adjust saw guides
	Dry cutting	Use cutting lubricant
Blade	Excessive speed	Lower speed. See Operating Instructions "Speed selection."
breakage	Excessive speed	Reduce feed pressure. Refer to Operating Instructions "Adjusting Feed."
	Excessive tension	Tension blade to prevent slippage on drive wheel while cutting.
	Wheels out of line	Adjust wheels
	Guides out of line	For a straight and true cut, realign guides, check bearings for wear.
Blade line	Excessive pressure	Conservative pressure assures long blade life and clean straight cuts.
Run-out or	Support of blade insufficient	Move saw guides as close to work as possible.
Run-in	Material not properly secured in vise	Clamp material in vise, level and securely.
	Blade tension improper	Loosen or tighten tension on blade.
Blade	Blade not in line with guide bearings	Check bearings for wear and alignment.
twisting	Excessive blade pressure	Decrease pressure and blade tension
	Blade binding in cut	Decrease feed pressure
	Dry cutting	Use lubricant on all materials, except cast iron
Premature	Blade too coarse	Use finer tooth blade
tooth wear	Not enough feed	Increase feed so that blade does not ride in cut
	Excessive speed	Decrease speed

SAWING PROBLEMS AND SOLUTIONS

Other than this manual, the manufacturer also provides some related technical documents listed as follows:

Sawing Problems and Solutions

Γ	Vibra	ation	duri	ng cı	utting	
		Failu	ire to	o cut		
		۲S	hort	life o	of saw blade	
			г Сі	urveo	d cutting	
					Broken blade	
√	√	√	√	✓	Use of blade with incorrect pitch	Use blade with correct pitch suited
						to workpiece width
✓	\checkmark	\checkmark	\checkmark	\checkmark	Failure to break-in saw blade	Perform break-in operation
\checkmark	\checkmark	\checkmark			Excessive saw blade speed	Reduce speed
			\checkmark	\checkmark	Insufficient saw blade speed	Increase speed
\checkmark		\checkmark	\checkmark	\checkmark	Excessive saw head descending speed	Reduce speed
\checkmark		\checkmark	\checkmark		Insufficient saw head descending speed	Increase speed
		\checkmark	\checkmark		Insufficient saw blade tension	Increase tension
\checkmark		\checkmark	\checkmark	\checkmark	Wire brush improperly positioned	Relocate
\checkmark		\checkmark	\checkmark		Blade improperly clamped by insert	Check and correct
\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	Improperly clamped workpiece	Check and correct
	\checkmark	~	1		Excessively hard material surface	Soften material surface
		✓	✓	\checkmark	Excessive cutting rate	Reduce cutting rate
	\checkmark	✓	-		Non-annealed workpiece	Replace with suitable workpiece
\checkmark		· ✓	\checkmark	\checkmark	Insufficient or lean cutting fluid	Add fluid or replace
✓		· √	√	· √	Vibration near machine	Relocate machine
•		·	·	•	Non-water soluble cutting fluid used	Replace
\checkmark		· √	· •		Air in cylinder	Bleed air
• √		• •	•	✓	Broken back-up roller	Replace
• √	1	• •	\checkmark	• √	Use of non-specified saw blade	Replace
▼ ✓	• •	•	•	•	Fluctuation of line voltage	Stabilize
v √	ľ	•	•	•	_	Bring blade guide close to
v		•	v		Adjustable blade guide too far from workpiece	workpiece
✓		✓			Loose blade guide	Tighten
v		v	v	v	_	_
✓		•		✓ ✓	Blue or purple saw chips	Reduce cutting rate Clean
v	.(v		•	Accumulation of chips at inserts	
	v	./	./		Reverse positioning of blade on machine	Reinstall
✓ ✓		•	v		Workpieces are not bundled properly	
V		v		V	Back edge of blade touching wheel	Adjust wheel to obtain clearance
	1				flange	Line where we also a set of the
~	v	~			Workpiece of insufficient diameter	Use other machine, suited for
	(1	1			diameter of workpiece Replace
	V	V	\checkmark		Saw blade teeth worn	Replace

SOLUTIONS TO SAWING PROBLEMS

Table Of Contents

#1. Heavy Even Wear On Tips and Corners Of Teeth	#11. Uneven Wear Or Scoring On The Sides Of Band
#2. Wear On Both Sides Of Teeth	#12. Heavy Wear And/Or Swagging On Back Edge
#3. Wear On One Side Of Teeth	#13. Butt Weld Breakage
#4. Chipped Or Broken Teeth	#14. Heavy Wear In Only The Smallest Gullets
#5. Body Breakage Or Cracks From Back Edge	#15. Body Breaking – Fracture Traveling In An Angular
	Direction
#6. Tooth Strippage	#16. Body Breakage Or Cracks From Gullets
#7. Chips Welded To Tooth Tips	#17. Band is Twisted Into A Figure "8" Configuration
#8. Gullets Loading Up With Material	#18. Used Band Is "Long" On The Tooth Edge
#9. Discolored Tips Of Teeth Due To	#19. Used Band Is "Short" On The Tooth Edge
Excessive Frictional Heat	
#10. Heavy Wear On Both Sides Of Band	#20. Broken Band Shows A Twist In Band Length.

#1. Heavy Even Wear On Tips and Corners Of Teeth



Probable Cause :

A. Improper break-in procedure.

- B. Excessive band speed for the type of material being cut. This generates a high tooth tip temperature resulting in accelerated tooth wear.
- C. Low feed rate causes teeth to rub instead of penetrate. This is most common on work hardened materials such as stainless and toolsteels.
- D. Hard materials being cut such as "Flame Cut Edge" or abrasive materials such as "Fiber Reinforced Composites".
- **E.** Insufficient sawing fluid due to inadequate supply, improper ratio, and/or improper application



Probable Cause :

- A. Broken, worn or missing back-up guides allowing teeth to contact side guides.
- **B.** Improper side guides for band width.
- C. Backing the band out of an incomplete cut.





Probable Cause :

- A. Worn wheel flange, allowing side of teeth to contact wheel surface or improper tracking on flangeless wheel.
- **B.** Loose or improperly positioned side guides.
- C. Blade not perpendicular to cut.
- **D.** Blade rubbing against cut surface on return stroke of machine head.
- **E.** The teeth rubbing against a part of machine such as chip brush assembly, guards, etc.



#4. Chipped Or Broken Teeth

- **A.** Improper break-in procedure.
- B. Improper blade selection for application.
- **C.** Handling damage due to improper opening of folded band.
- **D.** Improper positioning or clamping of material.
- E. Excessive feeding rate or feed pressure.
- F. Hitting hard spots or hard scale in material

#5. Body Breakage Or Cracks From Back Edge



#6. Tooth Strippage

Probable Cause :

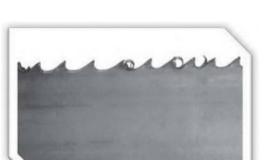
- A. Excessive back-up guide "preload" will cause back edge to work harden which results in cracking.
- B. Excessive feed rate.
- **C.** Improper band tracking back edge rubbing heavy on wheel flange.
- **D.** Worn or defective back-up guides.
- E. Improper band tension.
- F. Notches in back edge from handling damage



Probable Cause :

A. Improper or lack of break-in procedure.

- **B.** Worn, missing or improperly positioned chip brush.
- **C.** Excessive feeding rate or feed pressure.
- **D.** Movement or vibration of material being cut.
- E. Improper tooth pitch for cross sectional size of material being cut.
- **F.** Improper positioning of material being cut.
- G. Insufficient sawing fluid due to inadequate
 supply, improper ratio and/or improper application.
- **H.** Hard spots in material being cut.
- I. Band speed too slow for grade of material being cut.



#7. Chips Welded To Tooth Tips

- **A.** Insufficient sawing fluid due to inadequate supply, improper ratio and/or improper application.
- **B.** Worn, missing or improperly positioned chip brush.
- **C.** Improper band speed.
- **D.** Improper feeding rate.



Probable Cause :

A. Too fine of a tooth pitch – insufficient gullet capacity.
B. Excessive feeding rate producing too large of a chip.
C. Worn, missing or improperly positioned chip brush.
D. Insufficient sawing fluid due to inadequate supply,

improper ratio and/or improper application.

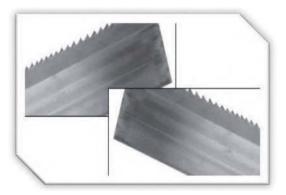
#9. Discolored Tips Of Teeth Due To Excessive Frictional Heat



Probable Cause :

- **A.** Insufficient sawing fluid due to inadequate supply, improper ratio and/or improper application.
- **B.** Excessive band speed.
- **C.** Improper feeding rate.
- D. Band installed backwards.

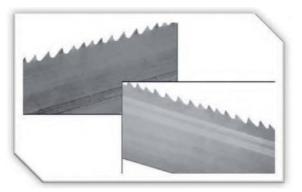
10. Heavy Wear On Both Sides Of Band



Probable Cause :

- A. Chipped or broken side guides.
- **B.** Side guide adjustment may be too tight.
- **C.** Insufficient flow of sawing fluid through the side guides.
- **D.** Insufficient sawing fluid due to inadequate supply, improper ratio and/or improper application.

#11. Uneven Wear Or Scoring On The Sides Of Band



- **A.** Loose side guides.
- **B.** Chipped, worn or defective side guides.
- C. Band is rubbing on part of the machine.
- **D.** Guide arms spread to maximum capacity.
- E. Accumulation of chips in side guides.

#12. Heavy Wear And/Or Swagging On Back Edge



Probable Cause :

- **A.** Excessive feed rate.
- **B.** Excessive back-up guide "preload".
- **C.** Improper band tracking back edge rubbing heavy on wheel flange.
- **D.** Worn or defective back-up guides.

#13. Butt Weld Breakage



Probable Cause :

A. Any of the factors that cause body breaks can also cause butt weld breaks.
 (See Observations #5, #15 and #16)

#14. Heavy Wear In Only The Smallest Gullets



- Probable Cause :
- **A.** Excessive feeding rate.
- B. Too slow of band speed.
- **C.** Using too fine of a tooth pitch for the size of material being cut.

#15. Body Breaking – Fracture Traveling In An Angular Direction



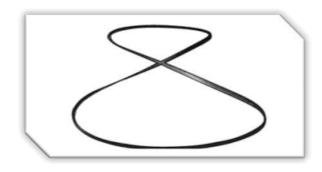
- A. An excessive twist type of stress existed.
- **B.** Guide arms spread to capacity causing excessive twist from band wheel to guides.
- **C.** Guide arms spread too wide while cutting small cross sections.
- **D.** Excessive back-up guide "preload".

#16. Body Breakage Or Cracks From Gullets



Probable Cause :

- A. Excessive back-up guide "preload".
- **B.** Improper band tension.
- **C.** Guide arms spread to maximum capacity.
- **D.** Improper beam bar alignment.
- E. Side guide adjustment is too tight.
- F. Excessively worn teeth.



#17. Band is Twisted Into A Figure "8" Configuration

Probable Cause :

- A. Excessive band tension.
- **B.** Any of the band conditions which cause the band to be long (#18) or short (#19) on tooth edge.
- **C.** Cutting a tight radius.

#18. Used Band Is "Long" On The Tooth Edge



Probable Cause :

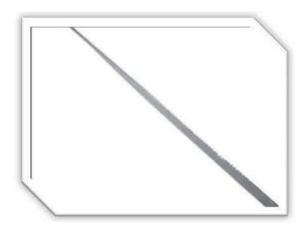
- A. Side guides are too tight rubbing near gullets.
- B. Excessive "preload" band riding heavily against back-up guides.
- **C.** Worn band wheels causing uneven tension.
- **D.** Excessive feeding rate.
- E. Guide arms are spread to maximum capacity.
- F. Improper band tracking back edge rubbing heavy on wheel flange.

#19. Used Band Is "Short" On The Tooth Edge



- A. Side guides are too tight rubbing near back edge.
- B. Worn band wheels causing uneven tension.
- **C.** Guide arms are spread too far apart.
- **D.** Excessive feeding rate.

#20. Broken Band Shows A Twist In Band Length



Probable Cause :

A. Excessive band tension

B. Any of the band conditions which cause the band to be long (#18) or short (#19) on tooth edge.C. Cutting a tight radius.

RE-ADJUSTING THE ROLLER TABLE

If the feeding table suffers the huge stroke and the alignment is effected, follow the below procedure to adjust.

TOOL, measuring

Measurement, Horizontal balance

<u>Procedure</u>

- 1. Screw or loosen the adjusting bolt to attain the horizontal balance (leveling) between the roller table and the machine frame.
- 2. Ensure that the machine frame is not struck by the loaded material on the feeding table.
- 3. Check the leveling by the measuring tool.
- 4. After finished the adjusting, fix the roller table.

If the feeding table and the machine frame are not positioned under the horizontal balance, the loaded material may be going up gradually and affect the cutting effect.

Section 10

PARTS

SPARE PARTS RECOMMENDATIONS

PART LIST

SPARE PARTS RECOMMENDATIONS

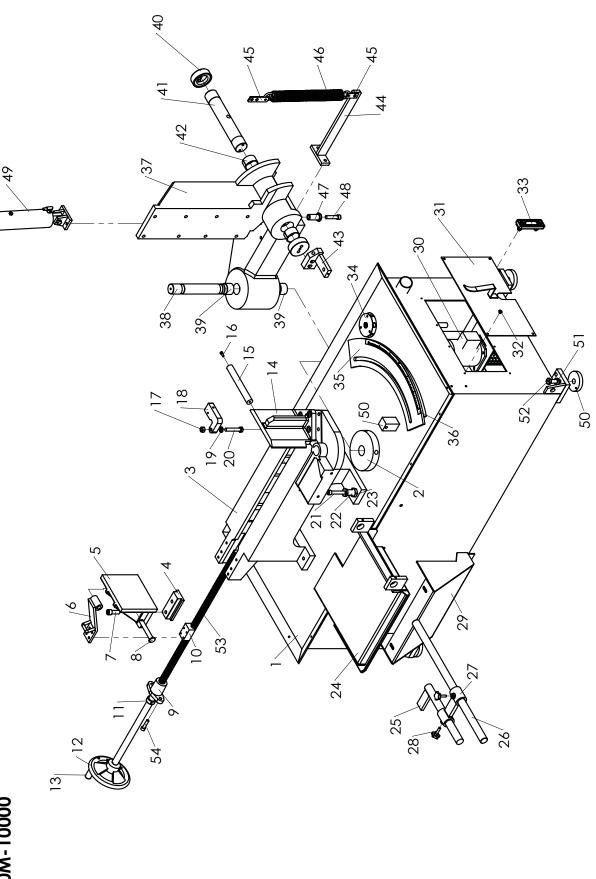
The following table lists the common spare parts we suggest you purchase in advance:

Part Name	Part Name
Saw blade	Coolant tank filter
Wire brush	Steel plates
Carbide inserts	Rollers
Bearings	Belt
Hydraulic tank leak-proof gasket	Duster seal
Rubber washer	Oil seal
O-ring	Snap ring
Drive wheel	Idle wheel



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PART A MACHINE FOUNDATION ASSEMBLY PART NO:M500M-10000



2018/11/9



PART A MACHINE FOUNDATION ASSEMBLY PART NO:M500M-10000

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Ы	-	PAKI NAME	PARI NAME(CH)	PARI SPEC.	COUNT	
<u>_</u>	S500M-1001	base	底座	500M	.	PCS
2	MER-2104	turning base	旋轉座		-	PCS
ო	MER-2001T		床面		~	PCS
4	MBR-9028	sliding bracket	虎鉗滑塊	500M用	~	PCS
Ŋ	MBR-9031	le vise	活動虎鉗		-	PCS
ဖ	MER-2013A	ate	施力板	500M半牙用	~	PCS
2	PBA-14-40		有頭內六角螺絲	M14x40L	-	PCS
∞	MBR-9027		帶頭銷		~	PCS
თ	MJA-1012	de screw holder	導螺桿座		~	PCS
10	MJA-1054		螺桿螺母		-	PCS
11	MJA-1013	d holder	導螺桿固定圈		-	PCS
12	PP-52020	wheels	手輪	KRN160 w20 5/16*13L 6" 20w	~	PCS
13	PP-52030	os	手輪柄	FN 80 3/8	-	PCS
14	S500M-2201	fixed vise jaw	固定虎鉗		-	PCS
15	MER-2018	shaft	螺桿支撐桿		-	PCS
16	PBA-6-15		有頭內六角螺絲	M6x15L	2	PCS
17	POA-12-175	nut	螺母	M12	-	PCS
18	SER-2011	pper block	角度擋塊		-	PCS
19	PQA-12	spring washer	彈簧華司	Ø12	~	PCS
20	PLA-12-70	on head bolt	外六角螺絲	M12x70L	~	PCS
21	PBA-12-70		有頭內六角螺絲	M12x70L	4	PCS
22	AHA-0610	sting bolt	調整螺絲	M22x54L	4	PCS
23	AHA-0611	nut	調整螺母	M22	4	PCS
24	SER-9033		花盤		~	PCS
25	MBR-9037	er	定寸桿		~	PCS
26	MBR-9039	ar	定寸滑桿		-	PCS
27	MBR-9036	stopper bracket	定寸滑座		-	PCS
28	PP-53009		梅花螺絲	M10x22L	2	PCS
29	S500M-1203	et	托盤支架		~	PCS
30	PP-32051-CE-AM55	coolant pump	浸水泵補	1/8HP 3y 200-240V/380-440V 0.43/0.32A 180L (你好)	-	PCS
31	MER-1002	cover	泵閁板		~	PCS
32	PFA-6-5	screw	丸頭螺絲	M6x5L	4	PCS
33	PP-21030A		水面計		~	PCS
34	M3L-8-09B	filter plate	漏水網		~	PCS
35	MER-1006B	le	旋轉軌道		~	PCS
36	MER-2002D	angle scale	角度銘板		~	PCS
37	BRMER-2107W	joint base	關節座		~	PCS



PART A MACHINE FOUNDATION ASSEMBLY PART NO:M500M-10000

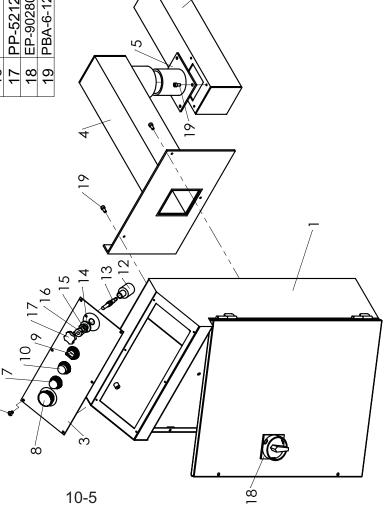
PART NO.	PART NAME	PART NAME(CH)	PART SPEC.	COUNT	UNIT
MER-2103	turning axis	旋轉軸		1	PCS
PP-13230	du-bushing	乾式軸承	4030	7	PCS
MER-2106	joint axis cover	關節軸蓋		2	PCS
S500M-1155	joint axis	關節軸		-	PCS
PP-13002	du-bushing	乾式軸承	BM5030 F65 (NDC)	2	PCS
S500M-3019	sawhead stopper	鋸弓停擋	× -	-	PCS
MER-2004	spring hanging bracket	彈簧掛桿		1	PCS
MER-2006	spring hanging plate	回程彈簧勾片	長短各一	-	PCS
MAE-1039C	spring	彈簧	彈簧 (直)330ER	-	PCS
AHA-0610	adjusting bolt	調整螺絲		2	PCS
PBA-12-55	screw	有頭內六角螺絲	M12x55L	2	PCS
MBR-91600	cylinder module	鋸弓油壓缸組		1	PCS
BAAHR-1055	base support	底座墊塊	ψ80*15	4	PCS
POA-14-20	nut	螺母	M14	4	PCS
PLA-14-45	hexagon head bolt	外六角螺絲	M14x45L	4	PCS
S500M-2031	guide screw shaft	導螺桿		1	PCS
PBA-10-40	bolt	有頭內六角螺絲	M10x40L	2	PCS



PART E ELECTRIC BOX ASSEMBLY PART NO: M500M-13000

05MH-500M SERIES PART LIST

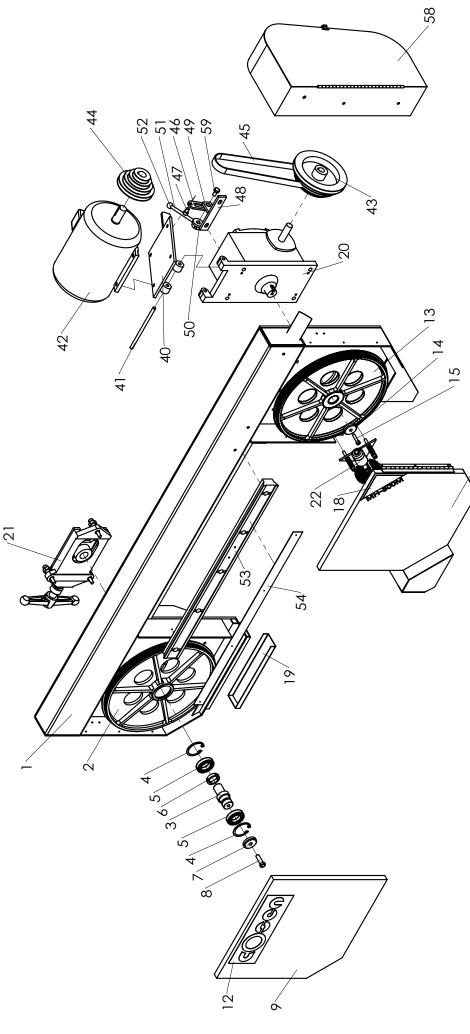
TEM	PART NO.	PART NAME	PART NAME (CH)	PART SPEC.	COUNT UNIT	- UNIT
-	S500M-1301	control box	控制箱		-	PCS
С	MER-5008	data plate	控制面板	MH-500M用	-	PCS
4	MER-5006	rotate bracket	控制箱旋轉座		-	PCS
ß	MER-5007-1	rotate base-1	控制箱旋轉固定座-1		-	PCS
9	MER-5007-2	rotate base-2	控制箱旋轉固定座-2		-	PCS
2	EP-93115	indicating lamp	指示燈	25φ	-	PCS
ω	EP-90666B	push button	連鎖式按鈕開關	25φ1B	-	PCS
6	EP-93111	select switch button 選擇開關	選擇開關	25φ二段2A	-	PCS
10	EP-90660A	push button(green) 綠色平頭按鈕	綠色平頭按鈕	25¢1A	1	PCS
11	PFA-5-8	screw	有頭內六角螺絲	M5x8L	9	PCS
12	S500M-1741	flow control valve	流量控制閥本體		-	PCS
13	S500M-1743	adjusting rod	流量調整桿		-	PCS
14	PPA-16	washer	平面華司	M16	-	PCS
15	MAJ-4010	nut	六角螺帽	M16x1.5	-	PCS
16	MAJ-4007A	pointer&bracket	指針及座		-	PCS
17	PP-52123	knob	梅花調整把手	ENF63 w7.8 不要牙	-	PCS
18	EP-90280A	interlock switch	門式開關	-	-	PCS
19	PBA-6-12	screw	丸頭螺絲(十字)	M6x12L	7	PCS



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PART B SAW BOW ASSEMBLY PART NO:M500M-30000



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PART B SAW BOW ASSEMBLY PART NO:M500M-30000

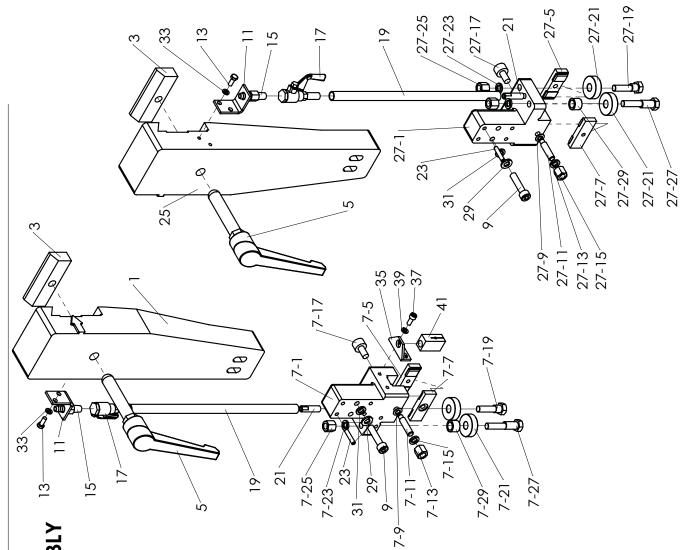
MER-3001Csaw bowMER-3101idle wheelMER-3102idle wheelMER-3102idle wheelMER-3103snap ringPP-14255bearingMER-3103bearingMER-3103bearingMER-3103bearingMER-3112AcorewMER-3112AcorewMER-3105washerMER-3105bearingMER-3105corewMER-3105corewMER-3105coreMER-3105coreMER-3105coreMER-3105coreMER-3105coreMER-3105coreMER-3105coreMER-3105coreMER-3106coreMER-3105coreMER-3106coreMER-3105washerMER-3106coreMER-3105washerMER-3106coreMER-3106coreMER-3106coreMER-3106coreMER-3106coreMER-3106coreMER-3014UMER-3015Amotor base plateMER-3011motor pulleyMER-3009AbracketMER-3009AbracketMER-3009AbracketMER-3009AbracketMER-3009AbracketMER-3009AbracketMER-3013black ballSJY-1127fixed nutSJY-1126fixed nutSJY-1127fixed handle leverSJY-1126black ball	ITEM	PART NO.	PART NAME	PART NAME (CH)	PART SPEC.	COUNT	UNIT
MER-3101idle wheelMER-3102idle wheelMER-3102idle wheelPP-58103snap ringPP-555bearing washerMER-3103bearing washerMER-3103bearing washerMER-3112Abearing washerMER-3112Abearing washerMER-3112Abearing washerMER-3105bearing washerMER-3105bearing washerMER-3105bearing washerMER-3105coverMER-3105coverMER-3105coverMER-3105coverMER-3105coverMER-3105coverMER-3105coverMER-3105coverMER-3105coverMER-3105coverMER-3105coverMER-3105coverMER-3105coverMER-3105coverMER-3105serial plateMER-3113tension moduleMER-3014u slotMER-3009AbeltMER-3009AbeltMER-3009AbracketPD-55040black ballSJY-1127fixed nutSJY-1127fixed handle leverSJY-1126fixed handle leverSJY-1127fixed	~	MER-3001C	saw bow	鋸弓		~	PCS
MER-3102idle wheel shaftPP-58103snap ringPP-58103snap ringPP-58103snap ringPP-14255bearing washerMER-3103bearing washerMER-3112Abearing washerMER-3112AscrewMER-3112AscrewMER-3105washerMER-3105coverMER-3105coverMER-3105coverMER-3105coverMER-3105coverMER-3105coverMER-3105coverMER-3105coverMER-3105coverMER-3105coverMER-3105coverMER-3105coverMER-3105coverMER-3105coverMER-3014U slotMER-3015AmotorMER-3011set pipeMER-3013motorMER-3014beltMER-3009AbracketMER-3009AbracketMER-3009AbracketMER-3009AbracketSJY-1127fixed handle leverSJY-1126fixed handle leverSJY-1127fixed handle leverSJY-1126black ballSJY-1127fixed handle leverSJY-1127fixed handle leverSJY-1126black ballSJY-1127fixed handle leverSJY-1126black ballSJY-1127fixed handle leverSJY-1127fixed handle leverSJY-1127fixed handle leverSJY-1127fixed handl	2	MER-3101	idle wheel	上輪	25W	-	PCS
PP-58103snap ring bearing MER-3103snap ring bearing washerMBR-9127bearing washerMBR-9127bearing washerMBR-3103bearing washerMER-3104coverMER-3105washerMER-3105coverMER-3105coverMER-3105coverMER-3105coverMER-3105coverMER-3105coverMER-3105coverMER-3105coverMER-3106coverMER-3106coverMBR-9104AU slotMBR-9104AU slotMBR-9104AU slotMBR-9104AU slotMBR-9104AU slotMBR-9104AU slotMBR-9118reducerMBR-9118tension moduleMA-2011motor base plateMA-2011Cmotor pulleyMLA-2013beltMLA-2013beltMA-2014beltMER-3009BbracketMER-3009BbracketSJY-1127fixed nutSJY-1126fixed handle leverSJY-1126black ballSJY-1127black ballSJY-1126black ballSJY-1127black ballSJY-1126black ballSJY-1127black ballSJY-1126black ballSJY-1127black ballSJY-1127black ballSJY-1127black ballSJY-1127black ballSJY-1127fixed nutSJ	ო	MER-3102		上輪軸		-	PCS
PP-14255bearing washerMER-3103bearing washerMER-3112Abearing washerMER-3112AscrewMER-3105washerMER-3105coverMER-3107screwMER-3107coverMER-3105drive wheelMER-3107coverMER-3107washerMER-3107screwMER-3107washerMER-3107washerMER-3107washerMER-3107washerMER-3107washerMER-3106coverMER-3106coverMER-3106coverMER-3106coverMER-3106coverMER-3106coverMER-3106coverMER-3106coverMER-3106coverMER-3119tension moduleMER-3015Aset pipeMER-3011motorMER-3011motorMA-2011CmotorMIA-2011CmotorMIA-2011CmotorMIA-2013beltMER-3009BbracketMER-3009BbracketMER-3009BbracketMER-30091black ballSJY-1127fixed nutSJY-1126fixed handle leverSJY-1126black ballSJY-1127black ballSJY-1127black ballSJY-1127black ballSJY-1127black ballSJY-1127black ballSJY-1127black ballSJY-1127black ball	4	PP-58103	snap ring	扣環	R62	0	PCS
MER-3103bearing washerMBR-9127washerMER-3112AscrewMER-3104coverAHA-0666cosen plateMER-3107screwMER-3107screwMER-3107coverMER-3107washerMER-3107coverMER-3107screwMER-3107washerMER-3107screwMER-3107washerMER-3107washerMER-3107washerMER-3107washerMER-3107screwMER-3106coverMER-3106screwMER-9104AU slotPP-16045BreducerMBR-9114U slotPP-16045BreducerMER-3106serial plateMBR-9114u slotMER-3014wire brush assemblyMER-3015Amotor bulleyMBR-91119Cmotor pulleyMER-3013beltMER-3009BbracketMER-3009BbracketSJY-1127fixed nutSJY-1126fixed ballSJY-1126black ballSJY-1126black ballSJY-1127fixed ballSJY-1126black ballSJY-1126black ballSJY-1127fixed ballSJY-1126black ballSJY-1127fixed ballSJY-1126black ballSJY-1127fixed ballSJY-1128black ballSJY-1121black ballSJY-1121black ball	S	PP-14255	bearing	軸承	6007Z	2	PCS
MBR-9127washerMER-3112AscrewMER-3112AscrewMER-3105coverAHA-0666cosen plateMER-3105drive wheelMER-3107washerMER-3107washerMER-3107washerMER-3107washerMER-3105drive wheelMER-3106coverMER-3107washerMER-3107washerMER-3106coverMER-3106coverMER-3106coverMER-3106coverMER-3106coverMER-3106coverMER-3106coverMER-91045BreducerMBR-9104AUNo00M-32200wire brush assemblyMER-3011motor base plateMER-3011motor base plateMA-2011CmotorMER-3009AbeltMER-3009BbracketMER-3009BbracketMER-3009AbracketMER-3009AbracketSJY-1127fixed nutSJY-1126fixed nutSJY-1126fixed ballSJY-1127fixed bandle leverSJY-1126fixed ballSJY-1126fixed ballSJY-1127fixed ballS500M-3101slide plateSJY-1127fixed ballS500M-3101slide plateSJY-1127fixed ballS500M-3101slide plateSJY-1127fixed ballS500M-3101slide plateS500M-3101slid	9	MER-3103		上輪軸承墊圈		1	PCS
MER-3112AscrewMER-3104coverAHA-0666cosen plateMER-3105drive wheelMER-3107washerMER-3107washerMER-3107washerMER-3107screwMER-3107screwMER-3107screwMER-3107screwMER-3107screwMER-3107screwMER-3107screwMER-3106coverMER-3106coverMER-3106coverMER-3106screwMER-3106screwMER-3106screwMER-3106serial plateMBR-91819tension moduleMBR-91819tension moduleMBR-91819tension moduleMBR-91819tension moduleMBR-3011motor base plateMLA-2011Cmotor base plateMLA-2011Cmotor pulleyMLA-2013beltMLA-2013beltMLA-2013bracketMLA-2013bracketMLA-2013beltSJY-1127fixed hulleSJY-1126fixed handle leverSJY-1127fixed handle leverSJY-1126black ballSJY-1127fixed handle leverSJY-1126black ballSJY-1127fixed handle leverSJY-1126black ballSJY-1127fixed handle leverSJY-1127fixed handle leverSJY-1127fixed handle leverSJY-1127fixed handle leverSJY-1127 </td <td>7</td> <td>MBR-9127</td> <td>washer</td> <td>上軸鎖緊墊圈</td> <td></td> <td>-</td> <td>PCS</td>	7	MBR-9127	washer	上軸鎖緊墊圈		-	PCS
MER-3104coverAHA-0666cosen plateMER-3105drive wheelMER-3107washerMER-3107washerMER-3107washerMER-3107screwMER-3106coverMER-3106coverMER-3106coverMER-3106coverMER-3106coverMER-3106coverMER-3106coverMER-3106coverMBR-9104AU slotMBR-9104BU slotMER-3119tension moduleMBR-91819tension moduleMBR-9111motorMJA-2011Creducer pulleyPP-56131beltMBR-3009BbracketMER-3009BbracketMER-3009BbracketMER-3009BbracketMER-3009BbracketMER-3009BbracketMER-30091bracketMER-3009bracketMER-3009bracketMER-3009bracketMER-3009bracketMER-3009bracket	ω	MER-3112A	screw	油嘴螺絲	M12xP1.75x25	-	PCS
AHA-0666cosen plateMER-3105drive wheelMER-3107washerMER-3107washerPBA-8-35screwMER-3107washerPBA-8-35screwMER-3106coverMER-9104AU slotMBR-9104AU slotMBR-9104AU slotMBR-9104AU slotMBR-9104AU slotMBR-9104Btersion moduleMBR-91819tersion moduleMER-3011set pipePBH3-011Cmotor pulleyPP-56131beltMLA-2011Cmotor pulleyPP-56131beltMER-3009AbracketMER-3009AbracketSJY-1127fixed nutSJY-1127fixed ballSJY-1126fixed ballSS00M-3101slide plateS500M-3101slide plateMER-3014pulley coverMER-3014pulley cover	თ	MER-3104	cover	上輪箱蓋		-	PCS
MER-3105drive wheelMER-3107washerMER-3107washerPBA-8-35screwMER-3106coverM500M-3097Bserial plateM500M-3097Bu slotMBR-9104AU slotMBR-9104BreducerMBR-91104u slotMBR-91104u slotMBR-91109kension moduleMBR-91819tension moduleMBR-91819tension moduleMBR-91819tension moduleMBR-91819tension moduleMBR-91819tension moduleMBR-91819tension moduleM500M-32200wire brush assemblyAER-3011set pipeMA-2011Creducer pulleyPBH3-D418-Cmotor pulleyMER-3009BbeltMA-2068beltMA-2068beltMA-2068beltMER-3009BbracketSJY-1127fixed huthSJY-1126fixed huthSJY-1127fixed handle leverPP-52040screwMER-3013screwMER-3014pulley coverMER-3013pulley coverMER-3014pulley cover	12	AHA-0666		COSEN銘牌	CS-224 1t	1	PCS
MER-3107washerPBA-8-35screwMER-3106coverM500M-3097Bserial plateM500M-3097Bserial plateMBR-9104AU slotMBR-91819reducerMBR-91819tension moduleM500M-32200wire brush assemblyMER-3015Amotor base plateM500M-32200motor base plateM500M-32200motor base plateM500M-32200motor base plateM500M-32200motor base plateM5-3015Amotor pulleyM5-3015Amotor pulleyM5-3015Amotor pulleyM5-3015Amotor pulleyM5-3015Amotor pulleyM5-3011Creducer pulleyMJA-2011Cmotor pulleyM5-3009BbracketM5-3009BbracketM5-3009BbracketM6R-3009BbracketM6R-3009BbracketM5-3009BbracketM6R-3009BbracketM6R-3009BbracketM6R-3009BbracketM6R-3009BbracketM6R-3009BbracketM6R-3009BbracketM6R-3009BbracketM6R-3009BbracketM6R-3009BbracketM6R-3009BbracketM6R-3009BbracketM6R-3009BbracketM6R-3009BbracketM6R-3009BbracketM6R-3009BbracketM6R-3009BbracketM6R-3009BbracketM6R-3009Bbracket </td <td>13</td> <td>MER-3105</td> <td>drive wheel</td> <td>下輪</td> <td></td> <td>-</td> <td>PCS</td>	13	MER-3105	drive wheel	下輪		-	PCS
PBA-8-35screwMER-3106coverM500M-3097BcoverM500M-3097Bserial plateMBR-9104AU slotMBR-9104BreducerMBR-9104AU slotMBR-9104AU slotMBR-9104BreducerMBR-9104Btension moduleMBR-91819tension moduleMBR-91819tension moduleMBR-91819tension moduleMBR-91819tension moduleM500M-32200wire brush assemblyAER-3011set pipeMA-2011Creducer pulleyPBH3-D418-CmotorPBH3-D418-CmotorMA-2011Creducer pulleyMJA-20131beltMJA-2068adjusting plateSJY-1119CbracketMER-3009BbracketMER-3009BbracketSJY-1127fixed hultSJY-1127fixed handle leverSJY-1127fixed handle leverSJY-1127fixed handle leverSJY-1127fixed handle leverSJY-1127black ballSJY-1127black ballSJY-1	14	MER-3107	washer	下輪鎖緊墊圈		-	PCS
MER-3106coverM500M-3097Bserial plateM500M-3097Bserial plateMBR-9104AU slotMBR-9104AreducerMBR-91045BreducerMBR-91045BreducerMBR-9119tension moduleM500M-32200wire brush assemblyM500M-32200wire brush assemblyMER-3011motor base plateMA-2011Cmotor base plateMJA-2011Cmotor pulleyPP-56131beltMJA-2068adjusting platePP-56131beltMA-2068bracketSJY-119CbeltMER-3009BbracketMER-3009BbracketSJY-1127fixed handle leverSJY-1127fixed handle leverSJY-1127fixed handle leverSJY-1127fixed handle leverSJY-1127fixed handle leverMER-3014pulley coverMER-3014pulley cover	15	PBA-8-35	screw	有頭內六角螺絲	M8x35L	-	PCS
M500M-3097Bserial plateMBR-9104AU slotMBR-9104AU slotMBR-91045BreducerMBR-91045BreducerMBR-91104tension moduleMBR-91819tension moduleM500M-32200wire brush assemblyM500M-32200wire brush assemblyM500M-32200wire brush assemblyM500M-32200motor base plateM500M-32200motor bulleyPBH3-D418-CmotorMJA-2011CmotorPBH3-D418-CmotorMJA-2011CmotorMJA-2011CmotorMJA-2011CmotorMA-2011CmotorMJA-2011CmotorSJY-1119CbeltMA-2005BbracketMER-3009AbracketMER-3009BbracketSJY-1127fixed nutSJY-1126fixed nutSJY-1127fixed nutSJY-1127fixed ballSJY-1127fixed ballSJY-1127fixed ballSJY-1127fixed ballSJY-1127fixed ballSJY-1127black ballSJY-1128black ball	16	MER-3106	cover	下輪箱蓋		-	PCS
MBR-9104AU slotPP-16045BreducerPP-16045BreducerMBR-91819tension moduleM500M-32200wire brush assemblyAER-3015Awotor base plateM5011set pipeAER-3011reducer pulleyAER-3011motor base plateMJA-2011Creducer pulleyPP-56131beltMJA-2011Creducer pulleyPP-56131beltMJA-2011CbeltSJY-119CbeltPP-56131beltSJY-1127bracketMER-3009AbracketSJY-1126fixed nutSJY-1127fixed ballSJY-1127black ballSJY-1126black ballSJY-1127black ballSJY-1126black ballSJY-1127black ballSJY-1126black ballSJY-1127black ballSJY-1126black ballSJY-1127black ballSJY-1126black ballSJY-1127black ballSJY-1128black ballSJY-1129black ballSJY-1129black ballSJY-1121black ballSJY-1121	18	M500M-3097B		機型銘牌	MH-500M CS255	-	PCS
PP-16045BreducerMBR-91819tension moduleM500M-32200wire brush assemblyAER-3015Amotor base plateM5015Amotor base plateMER-3011set pipeMER-3011reducer pulleyMJA-2011CmotorPBH3-D418-CmotorPBH3-D418-CmotorMJA-2011CmotorPBH3-D418-CmotorPBH3-D418-CmotorPBH3-D418-CmotorMJA-2011CmotorPP-56131beltMJA-2068adjusting platePBA-10-15screwMER-3009AbracketMER-3009AbracketSJY-1127fixed handle leverSJY-1126fixed handle leverSJY-1127fixed handle leverSJY-1126black ballSJY-1127fixed handle leverSJY-1126fixed handle leverSJY-1127fixed handle leverSJY-1126fixed handle leverSJY-1127fixed handle leverSJY-1128fixed handle leverSJY-1129black ballSJY-1128fixed handle leverSJY-1129black ballSJY-1129black ballSJY-1129b	19	MBR-9104A	U slot	U型槽		ſ	PCS
MBR-91819tension moduleM500M-32200wire brush assemblyAER-3015Amotor base plateMER-3011set pipeMJA-2011Creducer pulleyPBH3-D418-CmotorMJA-2011Creducer pulleyMJA-2011CbeltMJA-2011Cmotor pulleySJY-1119Cmotor pulleySJY-1119CbeltMJA-2009AbeltMER-3009AbracketDA-10-15screwMER-3009BbracketSJY-1127fixed nutSJY-1126fixed ballSJY-1127screwMER-3009Bblack ballSJY-1126black ballSJY-1127fixed ballSJY-1126black ballSJY-1126black ballSJY-1126black ballSJY-1127black ballSJY-1126black ballSJY-1127black ballSJY-1126black ballSJY-1127black ballSJY-1126black ballSJY-1127black ballSJY-1126black ballSJY-1127black ballSJY-1128black ballSJY-1129black ballSJY-1129black ballSJY-1129blackSJY-1120blackSJY-1121blackSJY-1121blackSJY-1121blackSJY-1121blackSJY-1121blackSJY-1121blackSJY-1121blackSJY-1121blackSJY	20	PP-16045B	reducer	減速機	80# 1/30 軸長29(出軸徑w35)D080ZD03B30B(工機)	~	PCS
M500M-32200wire brush assemblyAER-3015Amotor base plateMER-3011set pipeMER-3011set pipePBH3-D418-CmotorPBH3-D418-CmotorMJA-2011CmotorMJA-2011CmotorMJA-2011Creducer pulleyMJA-2011CmotorPP-56131beltMJA-2068adjusting platePP-56131beltMJA-2068beltMJA-2068beltSJY-119CbeltMER-3009AbracketSJY-1127fixed nutSJY-1126fixed handle leverSJY-1126black ballSJY-1126black ballSJY-1127fixed handle leverSJY-1126black ballSJY-1127black ballSJY-1126black ballSJY-1126black ballSJY-1126black ballSJY-1126black ballSJY-1127black ballSJY-1128black ballSJY-1129stite plateSJY-1129black ballSJY-1128black ballSJY-1129black ballSJY-1129black ballSJY-1129black ballSJY-1129black ballSJY-1129black ballSJY-1129blackSJY-1129blackSJY-1129blackSJY-1129blackSJY-1129blackSJY-1129blackSJY-1129blackSJY-1129blackSJY-112	21	MBR-91819	tension module	張力調整組	PART B1	-	PCS
AER-3015Amotor base plateMER-3011set pipeMER-3011set pipePBH3-D418-CmotorMJA-2011Creducer pulleySJY-1119Cmotor pulleyBP-56131beltMJA-2068adjusting platePP-56131beltMJA-2068beltMJA-2068beltMJA-2068beltMJA-2068beltMJA-2068beltMJA-2068beltMER-3009AbracketSJY-1126fixed handle leverSJY-1126fixed handle leverSJY-1126black ballSJY-1126black ballSJY-1127black ballS500M-3101slide plateMER-3014pulley cover	22	M500M-32200	wire brush assembly	鋼刷座組	PART D	1	PCS
MER-3011set pipePBH3-D418-CmotorPBH3-D418-CmotorMJA-2011Creducer pulleySJY-1119Cmotor pulleySJY-1119CbeltPP-56131beltPA-10-15screwMJA-2068adjusting platePBA-10-15screwMER-3009AbracketMER-3009BbracketSJY-1127fixed nutSJY-1126fixed nutSJY-1126black ballSJY-1126black ballSJY-1126black ballS500M-3101slide plateMER-3014pulley cover	40	AER-3015A		馬達底板		-	PCS
PBH3-D418-CmotorMJA-2011CreducerSJY-1119CreducerSJY-1119CmotorPP-56131beltPP-56131beltPA-10-15screwMER-3009AbracketMER-3009BbracketSJY-1127fixed nutSJY-1126fixed handle leverSJY-1126black ballSJY-1127fixed blackSJY-1126black ballSJY-1126black ballSJY-1127black ballSJY-1126black ballSJY-1127black ballSJY-1126black ballSJY-1126black ballSJY-1127black ballSJY-1126black ballSJY-1127black ballSJY-1126black ballSJY-1127black ballSJY-1126black ballSJY-1127black ballSJY-1126black ballSJY-1127black ballSJY-1128black ballSJY-1128black ballSJY-1128black ballSJY-1128black ballSJY-1128black ballSJY-1128black ballSJY-1128black ballSJY-1128blackSJY-1128blackSJY-1128blackSJY-1128blackSJY-1128blackSJY-1128blackSJY-1128blackSJY-1128blackSJY-1128blackSJY-1128blackSJY-1128black<	41	MER-3011	set pipe	馬達底板關節軸		1	PCS
MJA-2011CreducerpulleySJY-1119CmotorpulleySJY-1119CmotorpulleyPP-56131beltbeltMJA-2068adjustingplatePBA-10-15bertbeltMER-3009AbracketbracketMER-3009BbracketbracketSJY-1127fixed nutSJY-1126fixed ballSJY-1126black ballSJY-1126black ballSJY-1127black ballSJY-1126black ballSJY-1127black ballSJY-1128black ballSJY-1128black ballSJY-1129black ballSJY-1129black ballSJY-1129blackSJY-1120blackSJY-1121blackSJY-1121blackSJY-1121blackSJY-1121blackSJY-1121blackSY-1121blackS	42	PBH3-D418-C	motor	馬達	3HP 3q 60HZ 230/460V 8.3/4.2A 4P(位移)(群策	1	PCS
SJY-1119Cmotor pulleyPP-56131beltPP-56131beltMJA-2068adjusting platePBA-10-15screwMER-3009AbracketMER-3009BbracketSJY-1126fixed handle leverSJY-1126fixed handle leverSJY-1126black ballSJY-1126slide plateSJY-1126black ballSJY-1126black ballSJY-1127black ballSJY-1128black ballSJY-1128blackSJY-1128blackSJY-1128blackSJY-1128blackSJY-1129blackSJY-1128blackSJY-1128blackSJY-1128blackSJY-1128blackSJY-1128blackSJY-1129blackSY <td< td=""><td>43</td><td>MJA-2011C</td><td></td><td> 減速機皮帶輪(有段)</td><td></td><td>1</td><td>PCS</td></td<>	43	MJA-2011C		減速機皮帶輪(有段)		1	PCS
PP-56131belt皮帶MJA-2068adjusting plate皮帶MJA-2068adjusting plate馬達調整消PBA-10-15screw有頭內六角PBA-10-15screw有頭內六角MER-3009Bbracket反調整固定MER-3009Bbracket短調整固定SJY-1127fixed nut固定螺母SJY-1126fixed handle lever馬達調整固SJY-1126black ball塑膠球SJY-1126black ball整膠球SJY-1126black ball盤膠球SJY-112black ball盤膠球S500M-3101slide plate鋸臂銘板MER-3014pulley cover普利護盖(f	44	SJY-1119C	motor pulley	馬達皮帶輪(有段)		1	PCS
MJA-2068adjusting plate馬達調整消PBA-10-15screw有頭內六角MER-3009Abracket有頭內六角MER-3009Bbracket仮調整固定MER-3009Bbracket個正線母SJY-1127fixed nut固定螺母SJY-1126fixed handle lever馬達調整固SJY-1126black ball響膠球SJY-1126black ball響膠球SJY-1126black ball響膠球SJY-1126black ball離膠球SJY-1126black ball離膠球SJY-1126black ball離膠球SJY-1126black ball離膠球SJY-1127slide plate輪臂消板S500M-3101slide plate輪臂縮板MER-3014pulley cover前小方面Diack ballcover前小方面Diack ballblate台口S500M-3101slide plate台口Diack ballblate台目Diack ballbla	45	PP-56131		皮帶	1030VA 23-22	-	PCS
PBA-10-15screw有頭內六角MER-3009Abracket長調整固定MER-3009Bbracket短調整固定SJY-1127fixed nut固定螺母SJY-1126fixed nut固定螺母SJY-1126fixed nut國定螺母SJY-1126fixed nut國定螺母SJY-1126fixed nut國定螺母SJY-1126fixed nut國定螺母SJY-1126fixed nut國定螺母SJY-1126fixed nut國定螺母SJY-1126fixed nut國定螺母SJY-1126black ball盤形球PP-52040black ball盤形球S500M-3101slide plate鋸臂銜板MER-3014pulley cover普利護盖(fDiferedblackblateDiferedblate台湾Diferedblate台湾Diferedblate台湾Diferedblate台湾Diferedblate台湾Diferedblate台湾Diferedblate台湾Diferedblate台湾Diferedblate台湾Diferedblate台湾Diferedblate台/blateDiferedblate台/blateDiferedblate台/blateDiferedblate台/blateDiferedblate台/blateDiferedblate台/blateDiferedblate台/blateDiferedblate台/blateDiferedblate台/blateDiferedblate台/blateDifered	46	MJA-2068		馬達調整滑板		-	PCS
MER-3009A bracket 長調整固定 MER-3009B bracket 短調整固定 MER-3009B bracket 短調整固定 SJY-1127 fixed nut 固定螺母 SJY-1126 fixed handle lever 馬蓬調整固 SJY-1126 fixed handle lever 馬蓬調整固 PP-52040 black ball 塑膠球 S500M-3101 slide plate 鋸臂淌板 MER-3014 pulley cover 普利護盖(f	47	PBA-10-15	screw	有頭內六角螺絲	M10x15L	2	PCS
MER-3009Bbracket短調整固定SJY-1127fixed nut固定螺母SJY-1126fixed handle lever馬達調整固PP-52040black ball塑膠球PP-52041slide plate輪臂滑板S500M-3101slide plate輪臂踏板MER-3014pulley cover台,台,台,台	48	MER-3009A	bracket	長調整固定塊		~	PCS
SJY-1127fixed nut固定螺母SJY-1126fixed handle lever馬達調整固SJY-1126fixed ball悪魔球PP-52040black ball塑膠球S500M-3101slide plate鋸臂滑板S500M-3111ruler plate鋸臂銘板MER-3014pulley cover台号	49	MER-3009B	bracket	短調整固定塊		~	PCS
SJY-1126fixed handle lever馬達調整固PP-52040black ball塑膠球S500M-3101slide plate鋸臂滑板S500M-3111ruler plate鋸臂銘板MER-3014pulley cover台号流(50	SJY-1127	fixed nut	固定螺母		~	PCS
PP-52040black ballS500M-3101slide plateS500M-3111ruler plateMER-3014pulley cover	51	SJY-1126	handle	整団		~	PCS
S500M-3101slideplateS500M-3111rulerplateMER-3014pulleycover	52	PP-52040		塑膠玞	3/8"	-	PCS
S500M-3111 ruler plate MER-3014 pulley cover	53	S500M-3101		鋸臂滑板		~	PCS
MER-3014 pulley cover	54	S500M-3111		鋸臂銘板	CS-247	-	PCS
	58	MER-3014		普利護蓋(有段)		-	PCS
PLA-10-20 screw	59	PLA-10-20	Screw	外六角螺絲	M10x20L	-	PCS

2018/11/7



05MH-500M SERIES PART LIST







PART C GUIDE BRACKET ASSEMBLY PART NO: M500M-31000

ITEM PART NO	NO. PART NAME	PART NAME(CH)	PART SPEC.	COUNT	UNIT
1 S500M-3103	left guide arm	活動鋸臂		1	PCS
3 MJA-2032	clamp block	鋸臂固定塊		2	PCS
5 PP-52111J	guide arm handle set	鋸臂把手組		5	PCS
7-1 S500M-3131	left insert holder	左導輪座		1	PCS
7-5 MBR-9106	fixed insert	固定鎢錮片			PCS
	movable insert	活動鎢鋼片		1	PCS
	spring	蝶型彈簧	6.2x12.5x0.5	, 1	PCS
7-11 MER-3207	adjusting bolt	鵭鋼片調整螺栓			PCS
7-13 PQA-8	spring washer	彈簧華司	M8		PCS
7-15 POA-8-125	nut	日本	M8		PCS
7-17 PBA-8-16	bolt	有頭內六角螺絲	M8x16L		PCS
7-19 MER-3209	fixed bolt	軸承固定軸(短)		1	PCS
7-21 PP-14270	bearing	軸承()	6200VV	2	PCS
7-23 PQA-8	spring washer	彈簧華司	M8	2	PCS
7-25 POA-8-125	nut	日本	M8	5	PCS
7-27 MER-3208	fixed bolt	軸承固定螺絲(長)			PCS
7-29 AHA-0708A		導輪墊圈			PCS
	bolt	有頭內六角螺絲	M8x35L	4	PCS
11 MJA-2041	bracket	水龍頭座板		2	PCS
13 PLA-5-12	hexagon head bolt	外六角螺絲	M5x12L	4	PCS
15 MJA-2043	coolant nozzle	水管接頭		2	PCS
17 PP-43132A	switch button valve	開露閥	1/8"	2	PCS
19	hose	水館	1/4x1500L	2	PCS
21 MAB-6014	fixed coolant nozzle	固定塊水管接頭		2	PCS
23 PAA-5-25	set screw	止付螺絲	M5x25L	8	PCS
25 S500M-3105	right guide arm	固定鋸臂		1	PCS
27-1 S500M-3161	right insert holder	右導輪座		1	PCS
27-3 MJS-9008	insert	下壓鎢鋼片			PCS
27-5 MBR-9106	fixed insert	固定鎢鍋片			PCS
27-7 MBR-9107	movable insert	活動鎢鍋片			PCS
27-9 PP-57300	spring	蝶型彈簧	6.2x12.5x0.5	1	PCS
27-11 MER-3207	adjusting bolt	鵸鋼片調整彈簀		1	PCS
27-13 PQA-8	spring washer	彈簧華司	M8		PCS
27-15 POA-8-125	nut	離日	M8	1	PCS
27-17 PBA-8-16	SCrew	有頭內六角螺絲	M8x16L	, _ 1	PCS
27-19 MER-3209	fixed bolt	軸承固定軸(短)			PCS
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PART C GUIDE BRACKET ASSEMBLY PART NO: M500M-31000

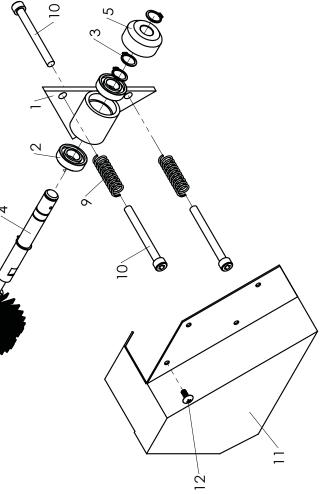
ITEM	PART NO.	PART NAME	PART NAME(CH)	PART SPEC.	COUNT	UNIT
27-21	27-21 PP-14270	bearing	軸承	6200VV	1	PCS
27-23	27-23 PQA-8	spring washer	彈簧華司	M8	2	PCS
27-25	POA-8-125	nut	螺母	M8	2	PCS
27-27	27-27 MER-3208	fixed bolt	軸承固定軸(短)		2	PCS
27-29	27-29 AHA-0708A	washer	導輪墊圈		1	PCS
29	PQA-8	spring washer	彈簧華司	M8	4	PCS
31	PPA-8	washer	平面華司	M8	4	PCS
33	PQA-5	spring washer	彈簧華司	M5	4	PCS
35	SJY-1134A	bracket	水龍頭固定座		-	PCS
37	PBA-5-10	screw	有頭內六角螺絲	M5x10L	2	PCS
39	PQA-5	spring washer	彈簧華司	M5	2	PCS
41	SJY-1152	coolant block	鋸帶冷卻頭		~	PCS



PART D WIRE BRUSH ASSEMBLY PART NO:M500M-32200

05MH-500M SERIES PART LIST

ITEM	PART NO.	PART NAME	PART NAME (CH)	PART SPEC.	COUNT	UNIT
~	MBR-9132-B	bearing holder	鋼刷軸承座		1	PCS
2	PP-14250	bushing	軸承	6002ZZ	2	PCS
3	PP-52097	C-ring	扣環	S15	4	PCS
4	MBR-9129	brush shaft	鍋 刷 軸		1	PCS
5	MBR-9131	brush drive wheel	鍋刷傳動輪		1	PCS
9	PPA-8	washer	平面華司	Ø8	2	PCS
7	PP-58002	wire brush	銷 別		2	PCS
8	POA-8-125	nut	螺母	M8	1	PCS
6	MER-3109	spring	錭刷擪縮彈簀		2	PCS
10	PBA-8-80	screw	有頭內六角螺絲	M8x80L	3	PCS
11	MER-3108	cover	鍋刷護蓋		1	PCS
12	PFA-5-8	screw	丸頭螺絲(十字)	M5x8L	1	PCS



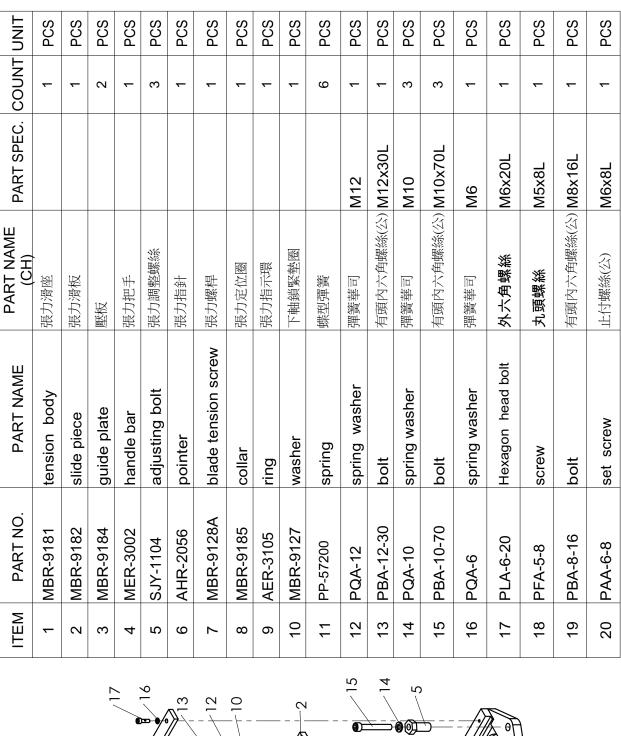
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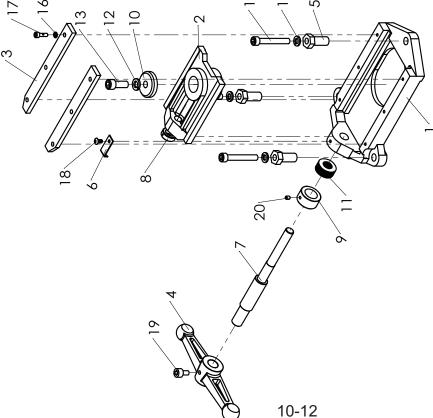
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05MH-500M SERIES PART LIST

PART B1 TENSION MODULE ASSEMBLY PART NO: MBR-91819





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05MH-500M/MH-330ER SERIES PART LIST

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	NODULE	009
8	<	MBR-91
PART A2	CYLINDER	PART NO: MBR-91600

PART NO. MBR-9159	DADT NAME		DA PT SDEC	ΟTV
)159	L'AIN I INAINI	PART NAME IN CHINESE		לז ז
	Hydraulic cylinder front cap	油缸前蓋		
MBR-9160	Piston Rubber	活塞橡膠		
MBR-9163	Piston rod	活塞		1
MBR-9164	Tube	缸管		
MBR-6168	Piston (saw bow)	活塞(鋸弓)		-
10-020-05	Elbow joint	彎接頭		2
PP-51150	U type oil seal	U型油封	UHS-28x35.5x5	1
PP-59074A	0-ring	0型環	P-18	
PP-59150	O-ring	0 型環	P-53	1
PTR-65	Snap ring	戒子は1環		-
PPA-12	Flat washer	平面華司	12	1
POA-12-175A	Nut	螺帽(公)(染黑)	M12xP1.75	1
PAA-8-12	Socket set screw	止附班緊給	M8x12L	-
	104- 168 0-020-05 50 74A 50 5 2 2-175A -12	 Piston (saw bow) 20-05 Elbow joint 20-05 Elbow joint U type oil seal O-ring O-ring Snap ring Flat washer Socket set screw 	 Piston (saw bow) 20-05 Elbow joint 20-05 Elbow joint U type oil seal U type oil seal O-ring O-ring Snap ring Flat washer Socket set screw 	Tuoc Tuoc Piston (saw bow) 活塞(鋸弓) 20-05 Elbow joint U type oil seal (U型油封 O-ring (O型環 Snap ring (O型環 Flat washer (O型電 Flat washer (Pimigi(公)(染黑)) Socket set screw 止附螺絲

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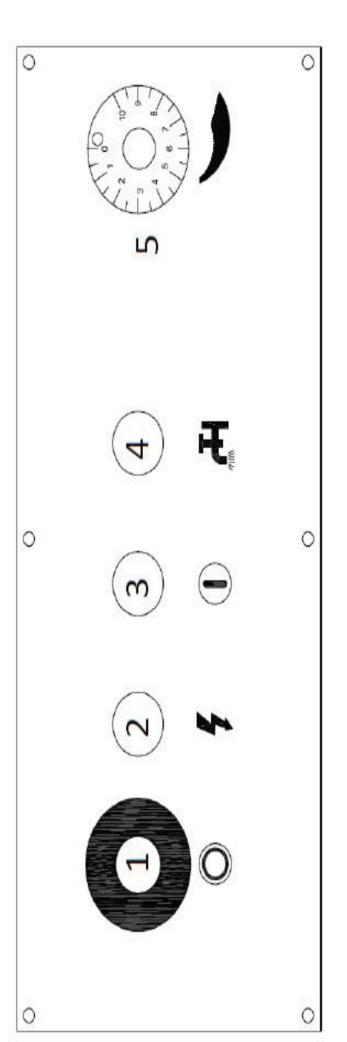
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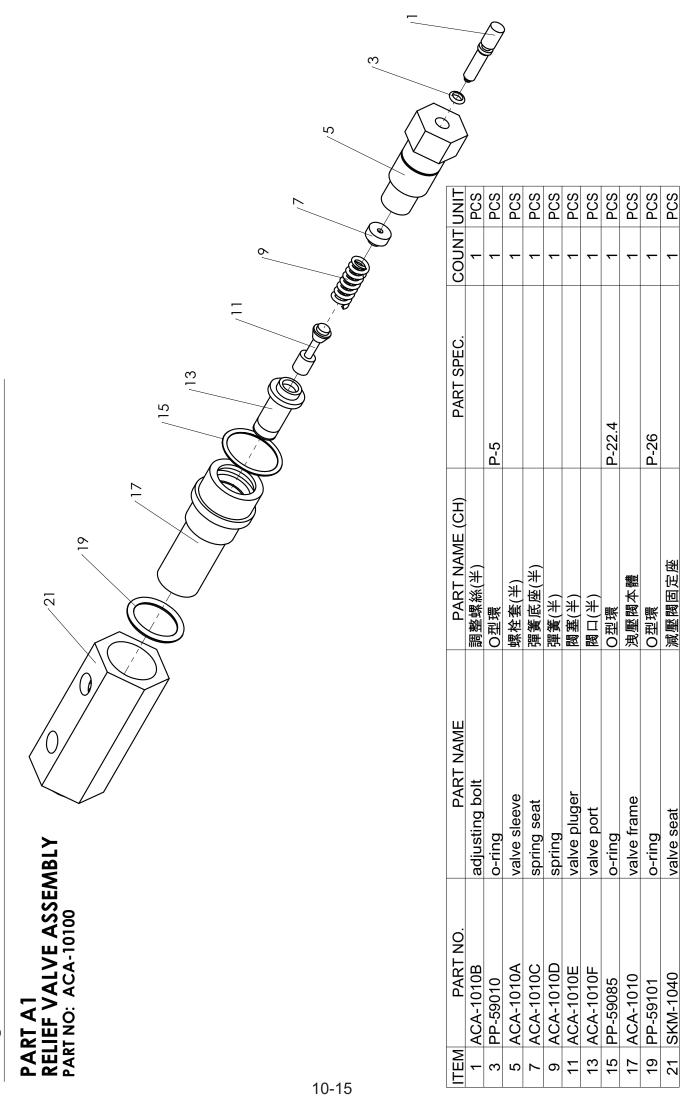
CONTROL PANEL BUTTONS



No.	PART NUMBER	PART Name IN ENG.	PART Name IN CHI.	Q'TY
1	EP-90666A	Emergency stop button	緊急停止按鈕	1
2	EP-90615	Power indicator lamp	電源指示燈	1
ŝ	EP-90660A	Saw blade start button	鋸刀啟動按鈕	1
4	EP-90645A	Coolant pump selector	冷卻泵浦選擇	1
ß	EP-90769	Blade descend speed control knob	制。据刀下降速度控制旋鈕	1

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05SH-500M SERIES PART LIST



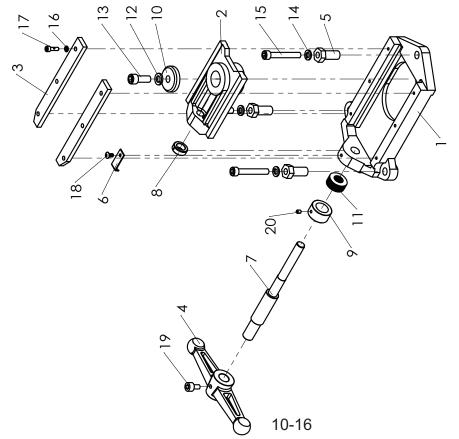
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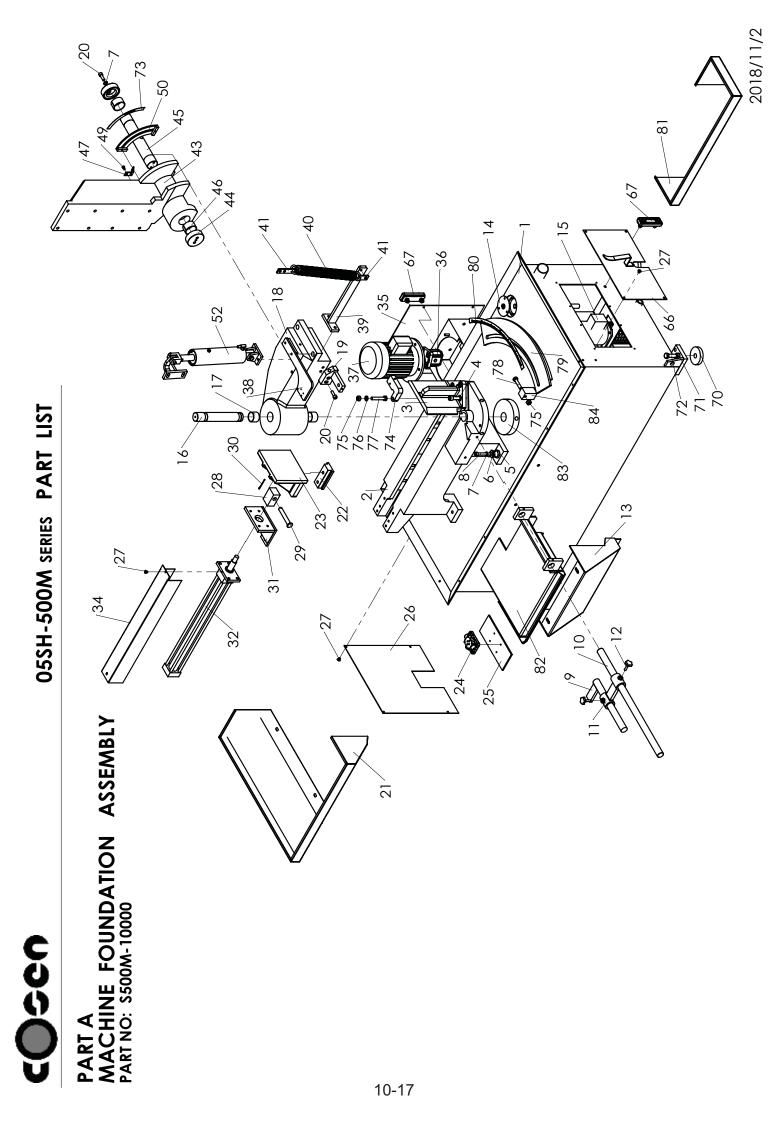
05SH-500M SERIES PART LIST

	ASSEMBLY	MBR-91819
PART B1	TENSION	PART NO: MI

1 MBR-9181 tension body 预力滞低 1 2 MBR-9182 slide piece 费力滞低 1 3 MBR-9182 slide piece 费力滞低 1 1 4 MER-9182 slide piece 费力振步 1 1 5 SJY-1104 adjusting bolt 费力指参 1 1 6 AHR-2056 pointer 费力振 1 1 7 MBR-9128 blade tension screw 费力振 1 1 8 MBR-9128 blade tension screw 费力振 1 1 9 AFR-9185 collar 费力振 1 1 11 MBR-9127 washer F#J 1 1 11 Pe-57200 spring washer #T 1 1 11 Pe-57200 spring washer #T 1 1 11 Pe-57200 spring washer #T 1 1 12 POA-10 spring washer	ITEM	PART NO.	PART NAME	PART NAME (CH)	PART SPEC.	COUNT UNIT	UNIT
MBR-9182 Bitde piece 張力滑板 所 MBR-9184 guide plate 慶板 四 四 MBR-9184 guide plate 慶板 四 四 MBR-9184 guide plate 慶 四 四 四 MBR-9184 guide plate 慶 西 四 四 四 SJY-1104 adjusting bolt 張力塘 張力塘 三 四 四 MBR-9128 bointer 張力塘 張力塘 三 四 四 MBR-9128 bointer 張力塘 張力塘 三 四 四 MBR-9128 bointer 張力塘 張力塘 三 四 四 四 MBR-9127 washer 張遊振 昭 10	-	MBR-9181	tension body	張力滑座		1	PCS
MBR-9184 guide plate Ev Ev Model Model	2	MBR-9182	slide piece	張力滑板		1	PCS
MER-3002 handle bar 預力把手 預力把手 所 SJY-1104 adjusting bolt 預力指針 月 月 AHR-2056 pointer 現力指針 月 月 MBR-9128A blade tension screw 現力振動 月 1 MBR-9128A blade tension screw 現力航御 月 1 MBR-9128A blade tension screw 現力航御 月 1 MBR-9127 washer 現力振動 1 1 1 MBR-9127 washer 現力 現力 1	e	MBR-9184	guide plate	壓板		2	PCS
SJY-1104 adjusting bolt ${\rm Hr}$ Diss adjusting bolt ${\rm Hr}$ Diss adjusting bolt ${\rm Hr}$ Diss ${\rm Hr}$ Dis Dis ${\rm Hr}$	4	MER-3002	handle bar	張力把手		٢	PCS
AHR-2056 pointer $照 J f f h f h f h f h h h h h h h h h h h$	5	SJY-1104	adjusting bolt	張力調整螺絲		3	PCS
MBR-9128Ablade tension screw飛力感伸限力MBR-9185collar残力流位圈月MBR-9185collar残力流位圈月AER-3105ring飛力病環月AER-3105ring飛動電月AER-3105washer小前線繁極圏1PP-57200spring小前線繁極圏1PP-57200spring washer薄簧電司M12PP-57200spring washer薄簧電司M12PD-57200bolt有頭内六角螺絲(公)M12PD-12-30bolt有頭内六角螺絲(公)M12PD-12-30bolt荷爾内六角螺絲(公)M12PD-12-30bolt荷爾内六角螺絲(公)M12PD-12-30bolt荷爾米10PD-12-30bolt荷爾米M12PD-12-30bolt荷爾小方角螺絲(公)M12PD-12-30bolt伊小角螺絲(公)M6PD-12-30bolt小角螺糸(公)M6×8LPD-12-30bolt荷爾小方角螺絲(公)M6×8LPD-12-30bolt荷爾米小角螺絲(公)PD-12-30bolt荷爾米小角螺絲(公)PD-12-30bolt荷爾米小角螺絲(公)PD-12-30bolt竹塚M6×8LPD-12-30bolt荷爾米伊PD-12-30bolt伊M10PD-12-30boltPD-12-30PD-12-30PD-12-30boltPD-12-30PD-12-30PD-12-30boltPD-12-30PD-12-30PD-12-30boltPD-12-30PD-12-30PD-12-30boltPD-12-30P	9	AHR-2056	pointer	張力指針		~	PCS
MBR-9185 Collar 張力指示 限力 日本	7	MBR-9128A	blade tension screw	張力螺桿		1	PCS
AER-3105 Ing $飛 Л 指示環 \mathbb{R} MBR-9127 washer 下軸鎖繁整圈 下 PP-57200 spring PP-57200 spring PP-57200 spring washer PD-57200 spring washer PD-57200 spring washer $	ω	MBR-9185	collar	張力定位圈		-	PCS
MBR-9127washer下軸鎖緊墊圈下PP-57200spring姚型彈簧第PP-57200spring姚型谭簧 112 PQA-12spring washer薄簧華司 $M12$ PQA-12bolt 710 710 PQA-10spring washer 710 112 PQA-10bolt 710 110 PQA-10spring washer 710 PQA-10bolt 710 PDA-6spring washer 710 PAA-6-8set screw 100 PAA-6-8set screw 100	6	AER-3105	ring	張力指示環		~	PCS
PP-57200 pring 熊型彈簧 熊型彈簧 第 PQA-12 spring washer 彈簧華司 M12 PDA-12-30 bolt 有頭內六角螺絲(公) M12×30L PDA-12-30 bolt 有頭內六角螺絲(公) M10 PDA-12-30 bolt 有頭內六角螺絲(公) M10 PQA-10 spring washer 彈簧華司 M10 PQA-10-70 bolt 有頭內六角螺絲(公) M10×70L PLA-620 bolt 有頭內六角螺絲(公) M10×70L PLA-620 Hexagon head bolt 外大角螺絲(公) M6×20L PLA-620 Hexagon head bolt 外六角螺絲(公) M6×20L PLA-6-8 screw 丸頭螺絲(公) M6×20L PA-6-8 set screw 止付螺絲(公) M6×8L	10	MBR-9127	washer	下軸鎖緊墊圈		~	PCS
PQA-12spring washer彈簧華司M12PBA-12-30bolt有頭內六角螺絲(公)M12×30LPPQA-10spring washer彈簧華司M10PPBA-10-70bolt有頭內六角螺絲(公)M10×70LPPLA-620bolt雪簧華司M6PPLA-620Hexagon head bolt外大角螺絲(公)M6×20LPPLA-6-8screw九頭螺絲(公)M6×8LPPAA-6-8set screw止付螺絲(公)M6×8LP	1	PP-57200	spring	蝶型彈簧		9	PCS
PBA-12-30 bolt $\overline{fighhhigk}(\Delta)$ M12x30L PQA-10 spring washer $\overline{gighhhigk}(\Delta)$ M10 PBA-10-70 bolt $\overline{fighhhigk}(\Delta)$ M10 PBA-10-70 bolt $\overline{fighhhigk}(\Delta)$ M10 PBA-10-70 bolt $\overline{fighhhigk}(\Delta)$ M10 PBA-10-70 bolt $\overline{fighhhigk}(\Delta)$ M10 PLA-50 bolt $\overline{fighhhigk}(\Delta)$ M6 PLA-6-20 Hexagon head bolt $\gamma + \beta q k k$ M6 PLA-5-8 screw $j q q k k$ M5×8L PFA-5-8 bolt $f f q h h h k k k$ M5×8L PA-6-8 bolt $f f q h h h k k k k$ M6×8L	12	PQA-12			M12	1	PCS
PQA-10spring washer \mbox{ref} M10PBA-10-70bolt \mbox{ref} \mbox{ref} M10×70LPDA-10-70bolt \mbox{ref} \mbox{ref} M6PCA-6spring washer \mbox{ref} $\mbox{messacc}$ M6PLA-6-20Hexagon head bolt \mbox{hchagk} M6NPLA-6-20Hexagon head bolt \mbox{hchagk} M6NPLA-6-8screw \mbox{hoff} $\mbox{messacc}$ M6PA-6-8set screw \mbox{hdigk} M8×16LNPAA-6-8set screw \mbox{hdigk} M6×8LN	13	PBA-12-30	bolt	有頭內六角螺絲(公)	M12×30L	~	PCS
PBA-10-70 bolt 有頭內六角螺絲(公) M10x70L PQA-6 spring washer 彈簧華司 M6 PLA-6-20 Hexagon head bolt 外六角螺絲 M6x20L PLA-5-8 Screw 丸頭螺絲 M5x8L PBA-8-16 bolt 有頭外 M5x8L PAA-6-8 set screw 止付螺絲(公) M6x8L	14	PQA-10	spring washer	彈簧華可	M10	ю	PCS
PQA-6spring washer彈簧華司M6PLA-6-20Hexagon head bolt外六角螺絲M6x20LPFA-5-8screw丸頭螺絲M5x8LPBA-8-16bolt有頭內六角螺絲(公)M8x16LPAA-6-8set screw止付螺絲(公)M6x8L	15	PBA-10-70	bolt	有頭內六角螺絲(公)	M10×70L	З	PCS
PLA-6-20Hexagon head bolt外六角螺絲M6x20LPFA-5-8screw丸頭螺絲M5x8LPBA-8-16bolt街頭內六角螺絲(公)M8x16LPAA-6-8set screw止付螺絲(公)M6x8L	16	PQA-6	spring washer	彈簧華司	M6	-	PCS
PFA-5-8 screw 丸頭螺絲 M5x8L PBA-8-16 bolt 有頭內六角螺絲(公) M8x16L PAA-6-8 set screw 止付螺絲(公) M6x8L	17	PLA-6-20	Hexagon head bolt	外六角螺絲	M6x20L	~	PCS
PBA-8-16 bolt PAA-6-8 set screw	18	PFA-5-8	screw		M5x8L	~	PCS
PAA-6-8 set screw 止付螺絲(公)	19	PBA-8-16	bolt	有頭內六角螺絲(公)	M8x16L	~	PCS
-	20	PAA-6-8	set screw	止付螺絲(公)	M6x8L	-	PCS



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PART A MACHINE FOUNDATION ASSEMBLY PART NO: \$500M-10000

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ITEM		PART NAME	PART NAME (CH)	PART SPEC.	COUNT	UNIT
-	S500M-1001	base	底座		-	PCS
2	MER-2001T	bed	床面		~	PCS
e	S500M-2201	Fixed vise	固定虎鉗		~	PCS
4	PBA-14-40	bolt	有頭內六角螺絲(公)	M14x40L	3	PCS
5	AHA-0611	Adjusting nut	調整螺母		-	PCS
9	AHA-0610	Adjusting bolt	調整螺絲		~	PCS
7	PQA-10	Spring washer	彈簧華司(公)	M10	4	PCS
∞	PBA-10-70	bolt	有頭內六角螺絲(公)	M10x70L	4	PCS
6	MBR-9037	stopper	定寸桿		-	PCS
10	MBR-9039	depth bar	定寸滑桿		-	PCS
11	MBR-9036	stopper bracket	定寸滑座		-	PCS
12	PP-53009	screw	梅花螺絲	10x22L	7	PCS
13	S500M-1203	bracket	托架支撐塊		-	PCS
14	M3L-8-09B	fliter plate	漏水網		-	PCS
15	PP-32051-CE-AM55	coolant pump	浸水幫浦	1/8HP 3ψ 200-240V/380-440V 0.43/0.32A 180L (你好)	-	PCS
16	S500M-1155	joint axis	旋轉軸		~	PCS
17	PP-13230	du-bushing	乾式軸承	4030	2	PCS
18	S500M-1171	turning joint base	旋轉關節座		-	PCS
19	S500M-3019	Saw bow positioning plate	鋸弓定位板		~	PCS
20	PBA-10-30	bolt	有頭內六角螺絲(公)	M10x30L	2	PCS
21	MER-1008	water collectimg plate	左集水板		-	PCS
22	MBR-9028	sling bracket	虎鉗滑塊		-	PCS
23	MBR-9031	movable vise	活動虎鉗		-	PCS
24	SJM-4043	oil circuit block	油路板		~	PCS
25	SER-2006	plate	油路板底板		~	PCS
26	MER-1010	cover	左邊蓋		-	PCS
27	PFA-6-10	screw	止付螺絲	M6x10L	ω	PCS
28	SER-2002	rapid draw lever link plate	虎鉗快速拉桿連接塊		-	PCS
29	MBR-9027	pin	帶頭銷B		-	PCS
30	PUA-010-120	spilt pin		1/8 1/1/4"	~	PCS
31	SER-2001A	cylinder fixture	活動虎鉗油缸固定座		-	PCS
32	HFA40L510E50	cylinder	油壓缸	FAq40x510L,外牙M18x1.5 E:50	-	PCS
34	SER-2003C	cover	虎鉗油壓缸護蓋		~	PCS
35	SJY-2105C	hydraulic box	油壓箱		~	PCS
36	PP-32202	hydraulic pump	油壓幫浦	RSP 205A	~	PCS
37	PHH05D-D417-J	motor	油壓馬達	1/2HP 4P 60HZ 230/460V 1.8/0.9A, 須加裝PP-70700-1*4	-	PCS
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PART A MACHINE FOUNDATION ASSEMBLY PART NO: \$500M-10000

∑ ∐ ∐	A PART NO.	PART NAME	PART NAME (CH)	PART SPEC.	COUNT	UNIT
38	S500M-3209	limit switch bracket	限動開關座		~	PCS
39	MER-2004	spring hanging bracket	彈簧掛桿		~	PCS
40	MAE-1039C	spring	彈簧		-	PCS
41	MER-2006A	spring hanging plate	回程彈簧勾片 (長、短各一)		2	PCS
43	BAMER-2107W	joint base	關節座		~	PCS
44	MER-2106	joint axis cover	關節軸蓋		~	PCS
45	S500M-1155	joint axis	關節軸		~	PCS
46	PP-13002	du-bushing	乾式軸承	BM5030 F65 (NDC)	-	PCS
47	MER-3215	lower limit stopper	下限擋板		-	PCS
49	PBA-6-10	bolt	有頭內六角螺絲	M6x10L	-	PCS
50	SER-3210A	upper limit slide bracket	上限滑板		-	PCS
52	SBR-91600	cylinder module	鋸弓油壓缸組		-	PCS
53	PP-21030A	water level gauge	水面計	3"	-	PCS
99	MER-1002	cover	泵門板		~	PCS
67	PP-21030	oil level gauge	油面計	3"	-	PCS
70	BAAHR-1055	base support	底座墊塊		4	PCS
71	POA-14-20	nut	螺母(公)	M14	4	PCS
72	PLA-14-45	hexagon head bolt	外六角頭螺絲(公)	M14x45L	4	PCS
73	SER-3216A	plate	銘牌(上限滑板高度)		~	PCS
74	SER-2011	stopper block	角度擋塊		-	PCS
75	POA-12-175	nut	螺母(公)	M12	-	PCS
76	PQA-12	spring washer	彈簧華司	M12	~	PCS
77	PLA-12-70	hexagon head bolt	外六角頭螺絲(公)	M12x70L	-	PCS
78	PLA-12-55	hexagon head bolt	外六角頭螺絲(公)	M12x55L	-	PCS
79	MER-1006B	turninng slide	旋轉軌道		L	PCS
80	MER-2002D	angle scale	角度銘板		-	PCS
81	MER-1009	water collecting plate	右集水板		-	PCS
82	SER-9033	pallet	芁盤		~	PCS
83	MER-2104	turning base	旋轉座		-	PCS
84	MER-2007A	block	角度定位板		-	PCS
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05SH-500M SERIES PART LIST

	ITEM	PART NO.	PART NAME	PART NAME (CH)	PART SPEC.	COUNT	- UNIT
PARTE	-	S500M-1301	control box	控制箱(含線路板)		-	PCS
FIECTRIC ROX ASSEMBLY	ю	MER-5007	rotate base	控制箱旋轉固定座		-	PCS
	5	PLA-6-12	hexagon head bolt	外六角螺絲	M6x12L	4	PCS
	7	PQA-6	spring washer	彈簧華司	MG	4	PCS
	6	MER-5006	rotate bracket	控制箱旋轉座		1	PCS
	11	PFA-6-10	screw	丸頭螺絲(十字)	M6x10L	3	PCS
	13	SER-2007-CE	data plate	控制面板	CS-358	-	PCS
	15	S500M-1741	flow control valve	流量控制閥本體		-	PCS
	17	SJY-2108	pointer rid	指針擋桿		-	PCS
	19	S500M-1743	adjusting rod	流量調整桿		-	PCS
	21	PPA-16	washer	平面華司	M16	-	PCS
	23	MAJ-4010	nut	六角螺帽	M16x1.5	-	PCS
	25	MAJ-4007A	pointer&bracket	指針及座		L	PCS
	27	PP-52123	knob	梅華調整把手	ENF63 w7.8 不要牙	1	PCS
	29	EP-90280A	power switch	分離式電源開關	-	-	PCS
	31	EP-90755-1	indicating lamp(White)	指示燈(白)	FNLD22-WE	-	PCS
1	33	EP-90662C-3	push button(Black)	按鈕開關(黑)	NHD-NPB22-E10B	2	PCS
14	35	EP-90662C-4	push button(Yellow)	按鈕開關(黃)	NHD-NPB22-E11Y	-	PCS
1-2	37	EP-90663D-1	push button(Green)	按鈕開關(綠)	NHD-NPB22-E10G	~	PCS
	39	EP-90757B-1	select switch button	選擇開關(自動復歸)	FNSS22-S020B	-	PCS
39_{27} 27_{11}	41	EP-90666-2	interlocking switch	連鎖式開關	FNPB22-R01R	-	PCS
× 35 75	43	EP-90662C-2	push button(Red)	按鈕開關(紅)	FNPB22-F01R	-	PCS
9	45	EP-90757A-1	select switch button	選擇開關(手動復歸)	FNSS22-S320B	-	PCS
	47	PFA-5-8	screw	丸頭螺絲(十字)	M5x8L	9	PCS
45 20 20 20 20 20 20 20 20 20 20 20 20 20	49	PP-52081	screw	握手	M.443 140L BLACK	~	PCS
× -//	51	PBA-8-12	bolt	有頭內六角螺絲	M8x12L	2	PCS
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2018/10/30

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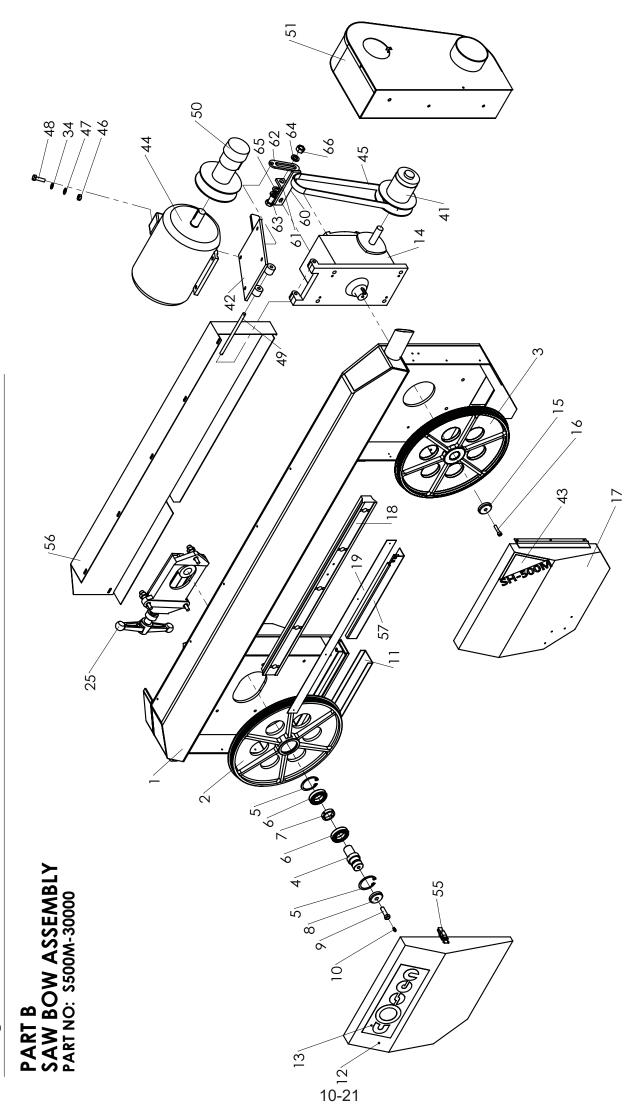
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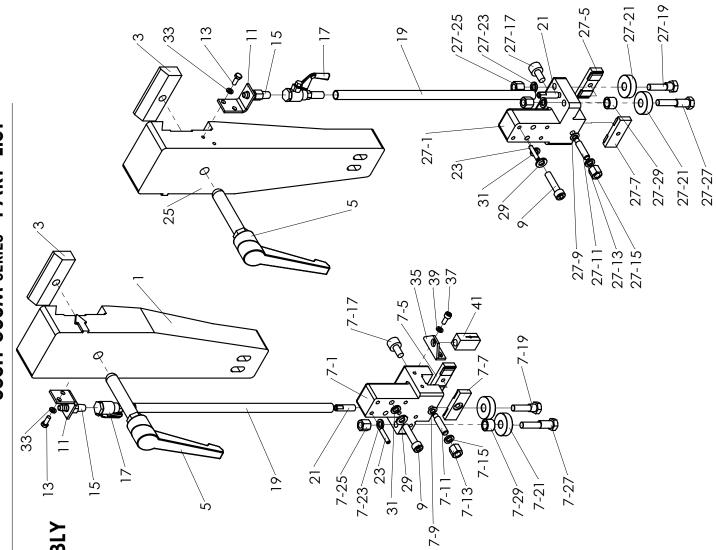
PART B SAW BOW ASSEMBLY PART NO: S500M-30000

NO. Saw bown EART NAME PART NAME(CH) EART NAME (CH) (I where it is a saw bown and the interval of the sam bank is the interval of the same bank is the interval of the bank is the b				
KER 3101 MER 3105 MER 3105 MER 3105 MER 3102 MER 3103 MER 3103 MER 3103 MER 3103 MER 3103 MER 3103 MER 3103 MER 3103 MER 3103 MER 3107 MER 310	PART NAME(CH) PART SPEC. COUN	PEC.	COUNT	LIND
KER-3101 [dile wheel] 上輪 MER-3105 [dile wheel] haft 上輪 MER-3105 [dile wheel] haft 上輪 MER-3105 [dile wheel] 和 MER-3103 washer 力 MER-3112A susher 力 MER-3103 cover L S500M-3003 cover L S500M-3003 cover L S500M-3005 cover Date Date S500M-3005 cover 力 S500M-3005 serial plate 微響音符。 1030VA 23-2 P1-16210 2 reducer pulley make S500M-3015 serial plate 微響音符 1030VA 23-2 P1-16210 2 motor plate 微音音 1030VA 103-1 P1-16210 2 motor plate 微音 1030VA 103-1 P1-16210 2 motor plate 微音 1030VA 103-1 P1-16210 2 motor plate 微子 1030VA 103-1 P1-16210 2 motor plate 微音 1030VA 103-1 P1-16210 2 motor plate 微子 1030VA 103-1 P1-16210 2 motor plate make 1005 20-16 motor P1-16210 2 motor P1-1			-	PCS
King Section and Final Fights Fig			~	PCS
King PF-53102 billio wheel'shaft 上輪軸 King Field (North Hange Section 14, 14, 280 NF 14, 281 NF 14, 28			-	C C C
PP-58103 smap ring 抽費 R62 PP-14253 bearing 上輪動 60072 (KOYC MER-3127 washer 上輪動 60072 (KOYC MER-3127 swasher 上輪動 60072 (KOYC MER-3127 swasher 上輪動 60072 (KOYC MER-3103 washer 上輪動 60072 (KOYC MER-31043 u solot Lasiot Lasiot 1/4-28UNF MER-3103 washer 上輪動 60075 (KOYC Signos-3095A cosen plate Data 5/2 5/247 Signos-3055 boolt Lasiot Maskaf 8/4/13/8 PE-500M-3101 silde plate 大角動 8/4/13/8 8/4/13/8 S500M-3101 silde plate 大鳥動 8/4/13/8 8/4/13/8 S60M-3101 silde plate 大鳥動 CS-2247 8/4/50/8 S60M-3101 silde plate 大鳥動 CS-2247 8/4/50/8 S60M-3101 silde plate 大鳥動 CS-2247 8/4/50/8 S60M-3101			-	D C C C C C
PP-14255 bearing 軸承 60072 (KOYC MBR-3103 washer 上輪軸索 1/4-28UNF MBR-312A screaw 油嘴 1/4-28UNF MBR-312A screaw 油嘴 1/4-28UNF MBR-3103 washer 上輪離 1/4-28UNF MBR-9104A u slot L 世間電 MBR-9104A u slot L 世間電 MBR-9104A u slot L 地電 MBR-9104A u slot L 地電 S200M-3003 cover 市 地電 S200M-3005 cover 高額 1/4-28UNF MBR-9104B traite 高額 1/4-28UNF MBR-9104 u slot Lagga CS-224 MBR-9105 cover 高額 0/10 MBR-9105 washer 大倉離 0/10 MBR-9105 set onle 高額 0/10 MBR-9105 set onle 高額 0/10 MBR-9105 set onle 高額 0/10 <th>R62</th> <td></td> <td>~</td> <td>PCS</td>	R62		~	PCS
KER-3103 washer Fability WER-3103 washer Fability WER-3127 washer Fability WER-3127 washer Fability South 2020 grease nipple Target Target Fability South 2020 grease nipple Target Fability Fab				PCS
MER.3127 washer 下軸鍵素 1/4-28UNF PUC-0210 grease nipple 油嘴 1/4-28UNF MBR-31045 cover Leaducer 高速 1/4-28UNF PD-16045B cover 上輪着 1/4-28UNF 1/4-28UNF PD-16045B cover 上輪着 1/4-28UNF 1/4-28UNF PD-16045B cover 上輪着着 1/4-28UNF 1/4-28UNF PD-16045B cover 上輪着 1/4-28UNF 1/4-28UNF PD-16045B cover 上輪着 1/4-28UNF 1/4-28UNF PD-16045 mather 上輪着 1/4-28UNF 1/4-28UNF PD-16045 mather 上輪着 1/4-28UNF 1/4-28UNF PD-16107 washer Familitized 1/4 1/4-28UNF PD-16210-2 reducer mather 1/4 1/4 </td <th></th> <td></td> <td>-</td> <td>D C C C C C</td>			-	D C C C C C
MER-3112A screw 油嘴螺 1/1-28UNF PUC-020 grease nipple 油嘴 1/1-28UNF MBRR-310A u sorter U 型槽 1/1-28UNF S500M-3003 cover U 型槽 1/1-28UNF S500M-3003 cover U 型槽 1/1-28UNF C3200M-3003 cover 人類 0.00 C3500M-3005 cover 人類 0.00 C3500M-3017 washer 人類 0.00 PBA-16045B reducer 人類 0.00 PBA-355 both 0.05 0.00 DA-10 washer 人類 0.00 S500M-3111 rule plate 人類 0.00 DA-10 tension assembly 人類 0.00 S500M-3011 rule plate 人類 0.00 PBA-3011 rule plate 人類 0.00 PP-16210-2 reducer 人類 0.00 PP-16210-2 reducer 人類 0.00 PP-16210-2 restren plate <t< td=""><th>下軸鎖緊軟圈 2 2</th><td></td><td>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</td><td>PCS</td></t<>	下軸鎖緊軟圈 2 2		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	PCS
PUC-020 grease nipple 油嘴 1/4-28UNF S500M-3003 cosen plate 上聲槽蓋 1/4-28UNF S500M-3003 cosen plate C.05EN銘牌 CS-224 S500M-3003 cosen plate C.05EN銘牌 CS-224 MER-315 boolt 市環成方角螺紙(公) M8X35L PBA-8.35 boolt 市電はcer た動電音 C-2247 S500M-3101 side plate 無背着板 CS-224 S500M-3101 side plate 無背着板 CS-224 S500M-3101 side plate 無背着板 CS-247 S500M-3101 side plate 無背着板 CS-247 DA-10 side plate 無背着 M10 DA-10 side plate 無背着 M10 DA-10 side plate 無背着 M10 DA-10 motor pulley 馬茸 M2 M10 </td <th></th> <td></td> <td>-</td> <td>PCS</td>			-	PCS
MBR-9104A U slot U型構 S00M-3003 cover C320G-3093 cover C320G-3095 cover PP-16045B reducer PP-16045B reducer PP-16045B reducer Masher PBA-8 310 PP-16004505 cover S500M-3005 cover S500M-3005 cover S500M-3101 slide plate S500M-3101 slide plate S500M-3101 ruler plate S500M-3111 ruler plate S500M-3111 ruler plate S500M-3111 ruler plate S500M-307B serial plate PP-16210 motor PP-16210 motor PP-16210 motor PP-16210 motor PP-16210 motor PP-16210 motor PP-16210 motor PP-16210 belt PP-16210 motor PP-16210 motor plate PP-16210 motor PP-16210 motor PD-160 mutor PP-16210 motor PD-160 mutor PD-160 motor PD-160 mutor PD-160 motor PD-160 motor PD-170 motor PD-160 motor PD-170 motor PD-			~	PCS
S500M-3003 cover Cover blate Cosen plate Cosen Cosen plate Cosen Cosen Cosen Cosen plate Cosen Cosen Cosen Cosen plate Cosen Cosen Co			-	PCS
C320G-3099A cosen plate COSEN銘牌 CS-224 PP-16043B reducer 前東鐵 MER-3107 Nasher CS-224 Som 305 cosen plate Som 305 souther Light And	1.1.64		~	PCS
PP-16045B reducer 減速機 80#1/300 PBA-8.3107 bott 有寬約系動廠 80#1/300 PBA-8.305 cover 有寬約系動廠 80#1/300 PBA-8.305 cover 有寬約系動廠 80#1/300 S500M-3101 slide plate 高輪角離 86 S500M-3101 slide plate 新育物廠 86#1/30 S500M-3101 tulte plate 新育務 25 S500M-3101 tulte plate 新育務 75 S500M-3101 tulte plate 新育務 87 S500M-3105 serial plate 新音教報 M10 PP-16210-2 reducer pulley 減速機及帶輪 84 S500M-307B serial plate 無型都府 34P 304 P60H PD-16210 motor 馬蓬 第四 10 PD-16210 motor 馬蓬 第四 10 PD-16210 motor 馬達 第四 10 PD-16210 motor M10 PA-10 PA-10 PD-16210 motor PA-10	名牌		~	PCS
MER-3107 washer 下輪範繁整題 MER-3107 washer 下輪額 S500M-3101 slide plate 振臂指板 S500M-3101 slide plate 振音指 S500M-3101 slide plate 振音指 S500M-3101 slide plate 振音指 S500M-3101 slide plate 振音指 S500M-3101 spring washer 振音指 S500M-3101 tension assembly 張子的 MBR-91819 tension assembly 張子的 S500M-30718 tension assembly 張子的 POA-10 spring washer 薄簧華雨 M10 PP-16210-2 reducer pulley 馬達皮帶 3HP 304 60HZ 230460V SBD3018 spring washer 馬達底 3HP 304 F0HZ 230460V PP-16210-2 reducer pulley 馬達底 3HP 304 F0HZ 230460V PD-400-15 motor 馬達 馬達 3HP 304 F0HZ 230460V PD-16210 motor 馬達 馬達 5H PD-16210 motor Ba 5H 5H PD-16210		D080ZD03B30B(工機)	~	PCS
PBA-8-35 bolt 有爾內方角處紙(公) M8x35L 5500M-3005 cover 新寶角板 CS-247 5500M-3111 ruler plate 蘇臂角板 CS-247 7800M-3111 ruler plate 蘇臂角板 CS-247 7800M-3017 string vasembly 預進機度帶輪 M10 PD-16210-2 reducer pulley 預速機度帶輪 M10 PP-16210-2 reducer pulley 馬達皮帶 M10 PP-16210 motor <pulley< td=""> 馬達皮帶 M10 PP-16210 motor<pulley< td=""> 大角螺形 M10 PP-16210 motor<pulley< td=""> 大角螺形 M10 PD-16210 motor<pulley< td=""> P/ M10</pulley<></pulley<></pulley<></pulley<></pulley<></pulley<></pulley<>	塾氌		~	PCS
S500M-3005 cover 下翻看 S500M-3101 ruler plate 服育物板 CS-247 S500M-3101 ruler plate 職情物板 CS-247 S500M-3111 ruler plate 職情物板 CS-247 S500M-3111 ruler plate 職情物板 CS-247 S500M-3111 ruler plate 職情的 CS-247 PP-16210-2 reducer pulley 減速機皮幣 M10 AER-3015A motor M2 M10 S600M-3097B serial plate 機型的 M10 PP-16210 motor M2 M10 PP-16210 motor M2 M2 PP-16210 motor M2 M10 PP-16210 motor M2 M10 PP-16210 motor M3 M10 PP-16210 motor M3 M10 PP-16210 motor M2 M10 PP-16210 motor M2 M2 PP-16210 motor M2 M2	(月螺絲(公)		_	PCS
S500M-3101 slide plate 職育消板 CS-247 S500M-3111 ruler plate 職育銷板 CS-247 MBR-31819 textion assembly 預貨車 M10 PQA-10 spring washer 職貨載板 CS-247 MBR-31819 textion assembly 預貨車 M10 P2-16210-2 reducer pulley 調進換皮幣 M10 PP-16210-2 motor base plate 馬達成板 SH-500M S600M-3097B serial plate 機型銘牌 M10 PP-16210 motor pulley 馬蓬成板 SH-500M PP162-10-15 motor pulley 馬蓬成板 M10 PP-56030 belt 如本 M10 PP-5030 belt 大西 M10 PP-5030 belt 大西 M10 PA-10-35 hexagon head bolt 大百葉菊 M103/S1 PP-5030 belt 西 M10/S351 PP-5030 set pipe 暫利護差 M10 PP-5030 set pipe 暫利護差 M10/S351 MER-3011	▼ ■ 1 ● 1 ● 1 ● 1 ● 1 ● 1 ● 1 ● 1 ● 1 ● 1		~	PCS
S500M-3111 ruler plate 額臂銘板 CS-247 PBR-31819 tension assembly 張力調整座 M10 PP-16210-2 reprion assembly 張力調整座 M10 PP-16210-2 reprion assembly 滅迭機皮帶輪 M10 PP-16210-2 reprion assembly 減迭機皮帶輪 M10 S500M-3097B serial plate 機型銘牌 M10 PP-16210 motor base plate 馬達底板 SH-500M PP-16210 motor pulley 馬達 M10 PP-16210 motor pulley 馬達底板 SH-500M PP-16210 motor pulley 馬達 M10 PP-56030 belt 成 M10 PP-50031 belt 成 M10 PP-5000 motor pulley 皮帶 M10 PP-5001 station 高 M10 PP-50030 belt 馬茸 M10 PP-5000 station M10 M10 PP-5000 station motor belt M10 RER-3015			~	PCS
MBR-91819 tension assembly 張力調整座 MDR-91819 tension assembly 第方 PQA-10 spring washer 彈簧車司 M10 M10 M10 PD-16210-2 reducer pulley 減速機皮帶輪 M10 M10 AER-3015A motor base plate 機型銘牌 SH-500M S500M-307B serial plate 機型銘牌 SH-500M PP-16210 motor pulley 馬達成の N10 PP-16210 motor pulley 馬達 M10 PP-16210 motor pulley 馬達 N103 PP-16210 motor pulley 馬達 M103 PP-16210 motor pulley 馬達 N103 PP-16210 motor pulley 馬達 M103 PP-16210 motor pulley 馬達 N103 PP-16210 masher 平 M10 PP-16210 masher 平 M10 PP-16210 masher 平 M10 PP-10-15 nut M10 M10 PP-10-35 he			~	PCS
PQA-10 spring washer 彈簧華司 M10 PP-16210-2 reducer pulley 減速機皮帶輪 M10 AER-3015A motor base plate 減速機皮帶輪 SH-500M S500M-3097B serial plate 減速機皮帶輪 SH-500M S6030 belt 馬蓬底板 SH-500M PP-16210 motor motor JHP 34 P 60HZ 230460V PP-56030 belt 馬蓬皮帶輪 SH-500M PP-16210 motor JUIC JHP 34 P 60HZ 230460V PP-56030 belt 大角葉 JHP 34 P 60HZ 230460V PP-16210 motor JIC JHP 34 P 60HZ 230460V PP-56030 belt JHP 34 P 60HZ 230460V JHP 34 P 60HZ 230460V PD-10-15 motor JHP 34 P 60HZ 230460V JHP 34 P 60HZ 230460V PDA-10-35 belt JHP 34 P 700 JHP 34 P 60HZ 230460V PDA-10-15 mut PRR-3016 JHP 34 P 40HZ 230460V PLA-10-35 belt JHP 34 P 40HZ 230460V JHP 34 P 40HZ 230460V PLA-10-35 set pipe JHP 34 P 40HZ 230460V	長力調整座		-	PCS
PP-16210-2reducer pulley減速機皮帶輪betweenAER-3015Amotor base plate馬達底板S500M-3097Bserial plateAER-3015Amotor base plate馬達底板S500M-3097Bserial plateS500M-3097Bserial plate機型站牌SH-500MPBH3-D417-NmotormotorBlateMatshipPP-65030belt皮養M10PP-563030belt皮養M10PA-10washer平面華司M10PA-10washer普音電M10PA-10set pipe馬蓬底板關節軸M10PA-10set pipe馬蓬底板關節軸M10PA-10Set pipe馬蓬底板關節軸M10MER-3011set pipe馬蓬底板關節軸M10MER-3013pate露帶護蓋M10MER-3014set pipe藍花板M10MER-3015cover藍青鹿酸節軸M10MER-3016snap fastener藍帶護蓋m10MBR-9105snap fastener藍帶護蓋M16MAR-3068bracket長調整固定塊M16MAR-3068bracket長調整M16MAR-30098bracket長調整M16MAR-30088bracket所言M16MAR-30088bracketM16MAR-3008bracketM16MAR-3068bracketM16MAR-3068spring washerM16PA-16washerM16PA-16washerM16PA-16M16M16	M1		4	PCS
AER-3015Amotor base plate馬達板Elite馬達成S500M-3097Bserial plate機型銘牌SH-500MS500M-3097Bserial plate機型銘牌SH-500MPP-16210motor馬達3HP 39, 4P 60HZ 230460VPP-16210motor pulley馬達3HP 39, 4P 60HZ 230460VPP-56030belt双帶四PP-105nut聖母音M10PA-10washer平面音M10PA-10washer平面音M10PA-10set pipe馬蓬底板關節軸M10PA-10set pipe藍孔M10PA-10set pipe藍孔M10PA-10set pipe藍花板M10PA-10set pipe藍花板M10PA-10set pipe藍花板M10PA-10-35nut都高能差M10PA-10set pipe藍花板M10AER-1030-CEplate藍木熊差M10MBR-9105cover藍木熊素素M10MER-3009Abracket藍都整高花M16MER-3009Abracket馬葉葡萄花M16MER-3009Abracket馬葉都香花M16MAR-3009Bbracket馬都都市M16MAR-3009Bbracket馬葉都市M16PLA-16-30screwM16M16PA-16spring washerM16M16PA-16washer聖術M16PA-16washerM16PA-16washerM16	或速機皮帶輪		~	PCS
S500M-3097B serial plate 機型銘牌 SH-500M PBH3-D417-N motor motor 馬達 SH-500M PP-16210 motor motor 馬達 3HP 39 4P 60HZ 230/460V PP-16210 motor belt 皮荷 3HP 39 4P 60HZ 230/460V PP-56030 belt 皮荷 3HP 39 4P 60HZ 230/460V PP-56030 belt 皮荷 3HD 30 4P 60HZ 230/460V POA-10-15 nut PRA-10 35 POA-10-15 nut PRA-10 35 PA-10 washer PRA-10 35 PA-10-35 headon head bolt 外六角螺絲 M10 PLA-10-35 set pipe 普利電差 M10 AER-1030-CE pulley cover 普利電差 M10×35L AER-1030-CE pulley cover 普利電差 M10×35L AER-1030-CE pulley cover 基利電差 M10×35L AER-1030-CE pulley cover 基利電差 M10×35L S500M-3018 plate M10×30L M16×30L MAE-3009<	馬達底板		~	PCS
PBH3-D417-N motor motor 馬達 3HP 34 P 60HZ 230460V PP-16210 motor pulley 馬達皮帶輪 3HP 34 P 60HZ 230460V PP-56030 belt 皮帶 1030VA 23-22 PDA-10-15 nut 要able 1030VA 23-22 PDA-10 washer 要able 1030VA 23-22 PDA-10 washer 要able 1030VA 23-22 PDA-10 washer Padagon 1010 PPA-10 washer Padagon 1030VA 23-22 PPA-10 washer Padagon 1010 PLA-10-35 hexagon head bolt 外六角螺的 M10 AER-3001 set pipe 高利該藍旗 M10 AER-3001 set pipe 藍毛術酸 M10x35L AER-3000 snap fastener 藍和意飯都合 M10x35L S500M-3018 plate 藍子熊蘭市 電貨 MBR-9105 cover 藍都書意飯 M10 S500M-3018 plate 「 M10 MER-3009 bracket 長鶴を M16 </td <th>-m+</th> <td></td> <td>~</td> <td>PCS</td>	-m+		~	PCS
PP-16210motor pulley馬達皮帶輪PP-56030belt皮帶PP-56030belt皮帶POA-10-15nut皮帶PA-10washer螺母PA-10washer空橋PA-10-35belt大角螺谷PLA-10-35hexagon head bolt外六角螺糸PLA-10-35belt外六角螺糸PLA-10-35belt南音司PLA-10-35belt南音司PA-10set pipe高音音司MER-3011set pipe高子角螺糸AER-1030-CEpulley cover音利護差(無段)PP-52090snap fastener蓋和AER-1030-CEpalee鶴弓後蓋MBR-9105cover鶴弓後蓋MBR-9105cover鶴弓後蓋MER-3009Bbracket短帯離蓋蓋MA-2068adjusting plate馬灣整周定塊MJA-2068adjusting plate馬湾電総心)PLA-16spring washer理音電心)PPA-16washer平面電	3HP 30 4P 60HZ 230/460V	/4.1A(九益)	-	PCS
PP-56030belt皮帶POA-10-15nut螺母PPA-10washer螺母PPA-10washer響母PLA-10-35hexagon head bolt外六角螺絲PLA-10-35beltや六角螺絲RER-3011set pipe馬蓬底板關節軸AER-1030-CEpulley cover普利護蓋(無段)PP-52090snap fastener蓋扣S500M-3018plate鋸弓後蓋NBR-9105cover鶴弓後蓋MBR-9105cover鶴音後蓋MBR-3009Abracket長調整固定塊MA-2068adjusting plate馬達爾整個定場MJA-2068adjusting plate馬達爾德(小)PA-16spring washer平面華司(公)PPA-16washer平面華司(公)			~	PCS
POA-10-15nut螺母PPA-10washer平面華司PPA-10washer平面華司PLA-10-35hexagon head bolt外六角螺絲MER-3011set pipe馬達底板關節軸MER-3013set pipe高利湾盖(無段)AER-1030-CEpulley cover普利湾盖(無段)PP-52090snap fastener蓋扣RBR-9105cover銀帶講蓋MBR-9105cover銀帶講蓋MBR-9105cover銀帶講蓋MBR-9105cover銀帶講蓋MBR-9105cover銀帶講邏MBR-9105cover銀帶講邏MBR-9105cover銀帶講邏PP-16adjusting plate馬達調整周定塊PDA-16spring washer雪賞PPA-16spring washer平面華司(公)PPA-16washer平面華司(公)			-	PCS
PPA-10washer平面華司PLA-10-35hexagon head bolt外六角螺絲PLA-10-35hexagon head bolt外六角螺絲MER-3011set pipe馬達底板關節軸AER-1030-CEpulley cover普利護蓋(無段)PP-52090snap fastener蓋扣S500M-3018plate鋸弓後蓋NBR-9105cover鶴青鶴蓋MER-3009Abracket最帶龍蓋MER-3009Bbracket長調整固定塊MA-2068adjusting plate馬達爾総(小)PLA-16-30screw外六角螺総(小)PA-16spring washer理音PPA-16washer平面華司(心)			4	PCS
PLA-10-35hexagon head bolt外六角螺絲MER-3011set pipe馬達底板關節軸AER-1030-CEpulley cover普利護蓋(無段)PP-52090snap fastener蓋扣S500M-3018plate鋸弓後蓋RF-3009Abrate鋸弓後蓋MBR-9105cover鋸帶護蓋MER-3009Abracket長調整固定塊MER-3009Bbracket馬離警局定塊MJA-2068adjusting plate馬達調整局定塊PLA-16-30spring washer弾簧華司(公)PPA-16spring washer平面華司(公)			4	PCS
MER-3011set pipe馬達底板關節軸AER-1030-CEpulley cover普利調蓋(無段)PP-52090snap fastener蓋和S500M-3018plate鋸弓後蓋S500M-3018plate鋸弓後蓋MBR-9105cover鋸帶護蓋MER-3009Abracket魚雷音後蓋MER-3009Bbracket魚雷警方塊MJA-2068adjusting plate魚音響的MJA-2068adjusting plate魚音響的PLA-16spring washer弾音車司(公)PPA-16washer平面華司(公)			4	PCS
AER-1030-CEpulley cover普利護蓋(無段)PP-52090snap fastener蓋扣S500M-3018plate鋸弓後蓋S500M-3018plate鋸弓後蓋MBR-9105cover鋸青龍蓋MBR-3009Abracketstam整固定塊MER-3009Bbracket魚醋整固定塊MJA-2068adjusting plate魚蒼調整固定塊PLA-16-30screw外六角螺絲(小)PA-16spring washer理音前(小)PPA-16washer平面華司(小)	■ 1 ● 1 ● 1 ● 1 ● 1 ● 1 ● 1 ● 1 ● 1 ● 1		~	PCS
PP-52090snap fastener蓋扣S500M-3018plate鋸弓後蓋S500M-3018plate鋸弓後蓋MBR-9105cover鋸帶護蓋MBR-9105cover銀帶護蓋MBR-3009Bbracket長調整固定塊MER-3009Bbracket馬灣整固定塊MJA-2068adjusting plate馬達調整滑板()PLA-16-30screw外六角螺絲(公)POA-16spring washer彈簧華可(公)PPA-16washer平面華司(公)	無段)		~	PCS
S500M-3018plate鋸弓後蓋MBR-9105cover鋸帶護蓋MBR-3009Abracket銀帶護蓋MER-3009Bbracket長調整固定塊MJA-2068adjusting plate馬達調整滑板(一)PLA-16-30screw外六角螺総公)PDA-16spring washer平面華司(公)PPA-16washer平面華司(公)			7	PCS
MBR-9105cover報帶護蓋MER-3009Abracket長調整固定塊MER-3009Bbracket短調整固定塊MJA-2068adjusting plate馬達調整滑板(一)PLA-16-30screw外六角螺絲(公)PQA-16spring washer理簧華司(公)PPA-16washer平面華司(公)	R弓後蓋		~	PCS
MER-3009Abracket長調整固定塊MER-3009Bbracket短調整周定塊MJA-2068adjusting plate馬達調整滑板(一)PLA-16-30screw外六角螺絲(公)PQA-16spring washer彈簧華司(公)PPA-16washer平面華司(公)	B 帯護茎 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		-	PCS
MER-3009Bbracket短調整固定塊MJA-2068adjusting plate馬達調整滑板(一)PLA-16-30screw外六角螺絲(公)PQA-16spring washer彈簧華司(公)PPA-16washer平面華司(公)	● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●		-	PCS
MJA-2068adjusting plate馬達調整滑板(一)PLA-16-30screw外六角螺絲(公)PQA-16spring washer彈簧華司(公)PPA-16washer平面華司(公)	20調整固定塊		-	PCS
PLA-16-30 screw 外六角螺絲(公) PQA-16 spring washer 彈簧華司(公) PPA-16 washer 平面華司(公)	● 注調整滑板(一)		-	PCS
PQA-16 spring washer 彈簧華司(公) PPA-16 washer 平面華司(公)	(交)((文))		~	PCS
PPA-16 washer 平面華司(公)	[(公)		7	PCS
	華司(公)		~	PCS
POA-16-15 nut 驟母	M16		~	PCS
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05SH-500M SERIES PART LIST





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05SH-500M SERIES PART LIST

PART C GUIDE BRACKET ASSEMBLY PART NO: 5500M-31000

S500M-3103left guide armMJA-2032clamp blockPP-52111Jguide arm handle setS500M-3131left insert holderMBR-9106fixed insertMBR-9107movable insertMBR-9107movable insertMBR-9107movable insertMBR-9107movable insertMBR-9107movable insertMBR-9107movable insertMBR-9107movable insertMBR-9107spring washerPP-57300spring washerPOA-8l6MER-3209fixed boltPOA-8-125nutPOA-8-125nutPOA-8-125nutMER-3208fixed boltPOA-8-125nutMER-3208fixed boltPOA-8-125nutMER-3208fixed boltPOA-8-125nutMBR-3132AboltMJA-2041bracketMJA-2043boltMJA-2044fixed boltPOA-8-35boltMJA-2043switch button valveMJA-2043switch button valveMJA-2043switch button valveMJA-2043switch button valveMJA-2043switch button valveMAB-6014fixed coolant nozzlePA-5-25switch button valveMJS-9008fixed insertMJS-9008fixed insertMJS-9008fixed insertMJS-9008fixed insertMJS-9008fixed insertMJS-9008fixed insertMJS-9008fixed	ITEM	PART NO.	PART NAME	PART NAME(CH)	PART SPEC.	COUNT	UNIT
MJA-2032clamp block編霄固定塊PP-52111Jguide arm handle set編霄西定塊S500M-3131left insert加sertMBR-9106fixed insert加agiasting boltMBR-9106movable insert加agiasting boltMBR-9106movable insert加agiasting boltMBR-9106movable insert加agiasting boltMBR-9107spring washermagagathMBR-9106movable insert加agiasting boltMBR-9107spring washermagathPP-57300spring washermagathPOA-8-125nutmagathPOA-8-125nutmagathPP-14270bearingmagathPOA-8-125nutmagathPOA-8-125nutmagathPOA-8-125nutmagathPOA-8-125nutmagathPOA-8-125nutmagathPOA-8-125nutmagathPOA-8-125nutmagathPOA-8-125nutmagathPOA-8-125nutmagathMA-2043soring washermagathPOA-8-125nutmagathMA-2043soring washermagathPOA-8-125nutmagathMA-2043soring washermagathPOA-8-125nutmagathMA-2043soring washermagathPOA-8-125nutmagathMA-2043soring washermagathPA-5-25soring washermagathMA-2006insertmagath </td <td>-</td> <td>S500M-3103</td> <td></td> <td>活動鋸臂</td> <td></td> <td>1</td> <td>PCS</td>	-	S500M-3103		活動鋸臂		1	PCS
PP-52111Jguide arm handle set編書把手組S500M-3131left insert holder左導輪座S500M-3131left insert holder左導輪座MBR-9107movable insert店adiasiting boltMBR-3207spring washer橋鶴片調整媒格PP-57307spring washer橋鶴片調整媒格PD-43207spring washer橋鶴片調整媒格POA-8-125nut備面内大角螺絲PD-43209bolt備面内大角螺絲PD-43209bolt備面内大角螺絲PD-43209bolt輪承回に離(面)PD-43209bolt輪承回PD-43209bolt輪承回PD-43209bolt輪承回PD-43209bolt輪承回PD-43209bolt輪承回PD-43209bolt輪承回PD-43209bolt輪承回PD-4312Aspring washer薄輪翅面PD-43132Aswitch button valve開國國PD-43132Aswitch button valve開國國MJA-2043coolant nozzle大倚破鋼PD-43132Aswitch button valve開電線MJA-2043solott力PD-3105right guide arm国定線鋼MJS-9008insertTMBR-9106fixed toolt南電火MBR-9106fixed toolt南電線MAB-6014fixed toolt南電線PA-5-25set screwLrMBR-9106fixed tooler力MBR-9106fixed tooler力MBR-9106fixed tooler力PA-5-25streftDPA-8-15streftD	З	MJA-2032	clamp block	鋸臂固定塊		2	PCS
S500M-3131left insert holder左導輪座MBR-9106fixed insert西頭海MBR-9107movable insert活動MBR-9107springboltMBR-9107springboltMBR-3107spring washer清頭内六角螺糸PE-57300spring washer清頭内六角螺糸PE-57300spring washer清頭内六角螺糸PE-3209fixed bolt輪梁PEA-8-16bolt輪梁PP-14270bearing輪梁PP-14270bearing輪梁PP-14270bearing輪梁PP-14270bearing薄輪PP-14270bearing薄輪PP-14270bearing薄PP-14270bearing薄PP-14270bearing薄PP-14270bearingjPP-14270bearingjPP-14270bearingjPP-14270bearingjPP-14270bearingjPP-14270bearingjPP-14270bearingjPD-14270bearingjPD-14270bearingjPD-14270bearingjPD-14270bearingjPD-14270bearingjPD-14270bearingjPD-125bolthMJA-2041brackethMJA-2043bolthPLA-5-12bolthPA-5-25set screwhPA-5-25set screwhPA-5-25set screwh </td <td>5</td> <td>PP-52111J</td> <td>guide arm handle set</td> <td>鲲臂把手組</td> <td></td> <td>2</td> <td>PCS</td>	5	PP-52111J	guide arm handle set	鲲臂把手組		2	PCS
MBR-9106fixed insert面定鎢鋼片MBR-9107movable insert活動鶲鋼片MBR-9107movable insert活動鶲鋼片PP-57300springspringPP-57300springspringPD-57300spring washer端雞彈簧PQ-8-125but南國內六角螺絲PD-4720bearing輪雞可罵猴PD-14270bearing輪雞回罵猴PD-48-125bout南國內六角螺絲PP-14270bearing輪麥固定軸(知)PP-14270bearing輪麥國方爾縣PD-48-125bout南國內六角螺絲PCA-8boolt外六角螺絲PCA-8boolt外六角螺絲PA-5-12house水醋酸麥爾PA-5-12house水醋酸麥PA-5-13boolt外六角螺絲PA-5-14hose水箭酸麥PA-5-15hose水箭酸麥PA-5-15switch button valve水管MMA-2043coolant nozzle水管酸%PA-5-25sight guide arm古德翰警S500M-3105right guide arm古修爾絲S500M-3105right guide arm古修翰S500M-3105right guide arm白修S500M-3105right guide arm白修S500M-3105right guide arm白修S500M-3105right guide arm白修S500M-3105right guide arm白修S500M-3105right guide arm白修S500M-3105spring washer白修PA-5-25spring washer白修PA-5-25springPA-5-25S500M-3105right guide arm	7-1	S500M-3131	left insert holder	左導輪座			PCS
MBR-9107movable insert活動鎬鋼片PP-57300springkguga簧PC-57300spring boltkguga簧PQA-8spring washerkguga簧PQA-8spring washerkgugaPQA-8-125nuthgagh agaPOA-8-125nuthgagh agaPOA-8-125nuthgagh agaPD-14270bearingharangPCA-8-125nuthgagh agaPCA-8-125nuthgagh agaPCA-8-125holthar agaPCA-8-125nuthar agaPDA-5-12hosehar agaPP-43132Aswitch button valvehag agaPP-43132Aswitch button valvehag agaPA-5-25set screwhref agaPA-5-25set screw </th <th>7-5</th> <th>MBR-9106</th> <th>fixed insert</th> <th>固定鎢錮片</th> <th></th> <th></th> <th>PCS</th>	7-5	MBR-9106	fixed insert	固定鎢錮片			PCS
PP-57300springwangMER-3207adjusting boltgaghPQA-8spring washergaghPQA-8-125nutgaghPOA-8-125nutgaghPDA-8-125nutfixed boltAMER-3209fixed boltfixed boltPP-14270bearingfixed boltPP-14270bearingfixed boltPP-14270bearingfixed boltPP-14270bearingfixed boltPP-14270bearingfixed boltPA-8-125nutgaghPOA-8-125nutgaghPOA-8-125nutgaghPOA-8-125nutgaghPOA-8-125nutgaghPOA-8-125nutgaghPOA-8-133bolthighAHA-0708AwashergaghMA-2041brackethighPLA-5-12hexagon head bolthighPLA-5-12hexagon head bolthighPLA-5-12hosthighPA-5-25sevich button valvehighPA-5-25sevich button valvehighPA-5-25<	7-7	MBR-9107	movable insert	活動鎢鋼片		1	PCS
MER-3207adjusting boltsignt serverPQA-8spring washersignt serverPQA-8spring washergagPOA-8-125nutgagPDA-8-16bolthand changPBA-8-16bolthand changPP-14270bearingmagePP-14270bearingmagePP-14270bearingmagePP-14270bearingmagePP-14270bearingmagePP-14270bearingmagePP-14270bearingmagePP-14270bearingmagePP-14270bearingmagePA-512nutmageAHA-0708AwashermageMJA-2041brackethageMJA-2041brackethageMJA-2043coolant nozzlehageMJA-2043coolant nozzlehageMJA-2043switch button valvemagePLA-5-12hosehagePLA-5-12hosehagePLA-5-12hosehageMJA-2043coolant nozzlehagePLA-5-12switch button valvemagePA-5-55setscrewhageMB-6014fixed inserthageMJS-9008inserthageMJS-9008inserthageMJS-9008inserthageMJS-9008inserthageMJS-9008inserthageMJS-9008inserthageMJS-9008inserthage	7-9	PP-57300	spring	蝶型彈簧	6.2x12.5x0.5	1	PCS
PQA-8spring washer彈簧 準司POA-8-125nut螺母PDA-8-16bolt螺母PBA-8-16bolt螺母MER-3209fixed bolt軸承固次角螺紙PP-14270bearing軸承固次角螺紙PP-14270bearing軸承固定軸(短)PP-14270bearing軸承固定PD-8-125nut軸承固定螺紙(長)POA-8-125nut電簧 車司POA-8-125nut電簧 車司POA-8-125nut電簧 車司POA-8-125nut電簧 車司POA-8-125nut有電PD-43132Aswitch button valve開露PLA-5-12hose水管MJA-2043coolant nozzle水管PLA-5-15set screw水管MAB-6014fixed coolant nozzle水管PP-43132Aswitch button valve開露PD-43132Asoftch button valve開露PP-43132Asoftch button valve開露PP-43132Asoftch button valve開露PP-43132Asoftch button valve開露PP-43132Asoftch button valve加PC-43132Asoftch button valve面流PP-43132Asoftch button valve面PC-43132Asoftch button valve面PC-43132Asoftch button valve面PC-43132Asoftch button valve面PC-43132Aboltmovable insertPC-43132Aboltmovable insertPC-43132Asoftch button valvemPC-43132Asoftch button valvem <tr< td=""><td>7-11</td><td>MER-3207</td><td></td><td>鎢鋼片調整螺栓</td><td></td><td>1</td><td>PCS</td></tr<>	7-11	MER-3207		鎢鋼片調整螺栓		1	PCS
POA-8-125nut蠕母PBA-8-16bolt有頭內六角螺絲NER-3209fixed bolt軸承固定軸(短)NER-3209fixed bolt軸承固定軸(短)PP-14270bearing軸承固定軸(短)POA-8spring washer輪承POA-8spring washer輪承POA-8-125nut蟻四POA-8-125nut輪承POA-8-125nut輪承POA-8-125nut輪承POA-8-125bolt外六角螺絲AHA-0708Awasher薄輪拳圈AHA-0708Awasher荷爾內六角螺絲AHA-0708Awasher荷爾內六角螺絲AHA-0708Awasher荷爾內六角螺絲AHA-0708Awasher荷爾內六角螺絲AHA-0708Awasher荷爾爾內六角螺絲AHA-0708Abolt水管爾爾內六角螺絲AHA-0708Aswitch button valve開露個PLA-5-12hose水管酸酮PP-43132Aswitch button valve開露個PP-43132Aswitch button valve開露個PP-43132Aswitch button valve開露個PP-43132Asolut nozzle水管坡鋼PA-5-25set screw水管PA-5-25set screw水管MAB-9106fixed coolant nozzle上台MBR-9106fixed insert右導輪MBR-9107movable insert右導輪MBR-9107springmovableMBR-9107springspringMBR-9107springmovablePOA-8125springmovablePOA-8126springmovablePOA-8126 <td>7-13</td> <td>PQA-8</td> <td>spring washer</td> <td>彈簧華司</td> <td>M8</td> <td>1</td> <td>PCS</td>	7-13	PQA-8	spring washer	彈簧華司	M8	1	PCS
PBA-8-16boltfixed bolt有頭內六角螺絲MER-3209fixed bolt軸承固定軸(短)PP-14270bearing軸承PQA-8spring washer轉承PQA-8spring washer轉承POA-8-125nut蠕母POA-8-125nut韓承PDA-8-125nut韓承AHA-0708Awasher薄輪整圖AHA-0708Awasher薄輪整圖AHA-0708Awasher薄輪整圖AHA-0708Awasher薄輪整圖PDA-8-12boltか六角螺絲(振)AHA-0708Awasher薄輪整圖AHA-0708Awasher薄輪整圖AHA-0708Awasherji appAHA-0708Awasherji appAHA-0708Awasherji appAHA-0708Aboltか六角螺絲(振)MJA-2041bracket水噴酸酮MJA-2043coolant nozzleji appPP-57305set screw止台螺線MDS-9014fixed colant nozzlefi appPA-5-25set screw上台鶴橋MBR-9106fixed insertfi appMBR-9107movable insertfi appMBR-9107spring washergi appMBR-9107spring washergi appPOA-8-125nutmagPOA-8-125nutgi appPOA-8-126nutgi appPOA-8-126nutgi appPOA-8-126nutgi appPOA-8-126nutgi appPOA-8-126fixed boltgi appPOA-8-126fixed bolt<	7-15	POA-8-125	nut	 離 0	M8	-1	PCS
MER-3209fixed bolt軸承固定軸(短)PP-14270bearing軸承PP-14270bearing軸承POA-8spring washer端本POA-8-125nut端本POA-8-125nut端本MER-3208fixed bolt軸承AHA-0708Awasher端本AHA-0708Awasher薄輪整圖AHA-0708Awasher薄輪整圖AHA-0708Awasher薄輪整圖AHA-0708Awasher薄輪整圖AHA-0708Awasher薄輪整圖AHA-0708Awasher薄輪整圖AHA-0708AwasherjAHA-0708AwasherjAHA-0708AwasherjAHA-0708AwasherjAHA-0708AwasherjAHA-0708AbolthMJA-2041brackethMJA-2043coolant nozzlejMJA-2043switch button valvejPP-43132Aswitch button valvejPP-43132Aswitch button valvejPP-43132Aswitch button valvejPAA-5-25set screwrAAB-6014fixed coolant nozzlenPAA-5-25set screwrMBR-9106fixed insertnMBR-9107spring goldemMBR-9106fixed insertmMBR-9107spring washerjPA-57300fixed insertmMBR-9107spring washerjPOA-8-125strewfixed holtMER-3709<	7-17	PBA-8-16	bolt	有頭內六角螺絲	M8x16L	1	PCS
PP-14270bearing軸承PQA-8spring washer轉承PQA-8spring washer媒母POA-8-125nut媒母MER-3208fixed bolt韓雪華高AHA-0708Awasher韓國AHA-0708Awasher韓國AHA-0708Awasher荷頭內六角螺絲(長)AHA-0708Awasher荷頭內六角螺絲(長)AHA-0708Awasher荷頭內六角螺絲(長)AHA-0708Awasher荷頭內六角螺絲(長)AHA-0708Awasher水龍頭座板AHA-0708Awasher水龍頭座板AHA-0708Awasher水龍頭座板AHA-0708bolt小倉山PLA-5-12hose水管強調PP-43132Aswitch button valve東國PP-43132Aswitch button valve東國MAB-6014fixed coolant nozzle北台PA-5-25set screw北台AA-5-25set screw北台MSR-9106fixed insert右導輪座MSR-9106fixed insert活動範續MBR-9107springspringMER-3209spring washer韓P2-57300spring washer韓P2-57300spring washer韓P2-8-16screwfixed holtMER-3209fixed holtmag boltMER-3209fixed holtmag boltMBA-910fixed holtmag boltMER-3209fixed holtmag boltMER-3709fixed holtmag boltMER-3709fixed holtmag boltMER-3709fixed holtmag bolt<	7-19	MER-3209	fixed bolt	軸承固定軸(短)		1	PCS
PQA-8spring washer彈簧革司POA-8-125nut螺母MER-3208fixed bolt螺母AHA-0708Awasher螺母AHA-0708Awasher導輪整圖AHA-0708Awasher導輪整圖AHA-0708Awasher薄輪整圖AHA-0708Awasher薄輪整圖AHA-0708Awasher薄輪整圖AHA-0708Awasher薄輪整圖AHA-0708Awasher薄輪逐圖AHA-0708Awasher薄輪逐圖AHA-0708AwasherjejighAHA-0708AwasherjejighAHA-2043boltjejighPLA-5-12hexagon head boltjrightPLA-5-12hexagon head boltjrightPLA-132Aswitch button valvejejigigPLA-5-12hexagon to zzlejejighPLA-5-12hexagon to zzlejejighPL-43132Aswitch button valvejejigigPL-43132Aswitch button valvejejighPLA-5-25set screwjrightPA-5-25set screwjejigigPA-5-25set screwjejigigPA-5-25set screwjejigigPA-5-25set screwjejigigPA-5-25set screwjejigigMBR-9106fixed insertjejigigMER-3207adjusting boltjejigPDA-8-125springgepPOA-8-125fixed boltjejigidPA-8-16fixed boltjejidPA-8-16fixed boltjejidPA-8spri	7-21	PP-14270	bearing	軸承	6200VV	2	PCS
POA-8-125nut螺母MER-3208fixed bolt軸承固定螺絲(長)AHA-0708Awasher軸承固定螺絲(長)AHA-0708Awasher導輪整圈PBA-8-35boltmacketPLA-5-12bracket水荒頭座板MJA-2041bracket水荒頭座板PLA-5-12hexagon head bolt外六角螺絲PLA-5-12hexagon head bolt水六角螺絲PLA-5-12hexagon head bolt水六角螺絲MJA-2043coolant nozzle水管接頭MJA-2014fixed coolant nozzle市管MAB-6014fixed coolant nozzle市管PA-5-25set screw山右鳴MAB-6013right guide arm固定端瘤片S500M-3161right insert holder右導輪座MBR-9106fixed insert西診論鋼片MBR-9107movable insert西京鎬層片MBR-9107spring washer端翹片調整彈簧MBR-9107spring washer噴鶴片調整POA-8-125nut噴鶴方六角螺絲POA-8-125nut軸承回方白MFR-3709fixed holt軸承回方白螺	7-23	PQA-8	spring washer	彈簧華司	M8	2	PCS
MER-3208fixed bolt軸承固定螺絲(長)AHA-0708Awasher導輪整圖AHA-0708Awasher導輪整圖PBA-8-35boltji shagePLA-5-12bracket水箭頭座板PLA-5-12hexagon head bolt外六角螺絲PLA-5-12hexagon head boltか六角螺絲PLA-5-12hexagon head boltか六角螺絲MJA-2043coolant nozzle水管接頭MJA-2043switch button valve開露MJA-2043switch button valve開露MJA-2014fixed coolant nozzle水管接頭PP-43132Aset screw止行螺線MAB-6014fixed coolant nozzle山行螺線PA-5-25set screw止行螺線MAB-9008right guide arm固定鎢鋼MJS-9008insert固定鎢鋼MJS-9008fixed insert固定鎢鋼MBR-9107movable insert面定鎢鋼MBR-9107movable insert面定鎢鋼MBR-9107spring washer蠕簧MBR-9107spring washer蠕簧MBR-9107spring washer蠕簧MBR-9107spring washer蠕簧MER-3207adjusting boltimg boltPOA-8-16screwfixed boltMFR-3209fixed boltmag boltPA-8-16screwfixed boltMFR-3209fixed boltmag boltPOA-8-16fixed boltfixed boltMFR-3209fixed boltfixed boltMFR-3209fixed boltfixed boltMFR-3209fixed boltfixed bolt <td>7-25</td> <td>POA-8-125</td> <td>nut</td> <td>螺母</td> <td>M8</td> <td>2</td> <td>PCS</td>	7-25	POA-8-125	nut	螺母	M8	2	PCS
AHA-0708AwashermasherPBA-8-35boltAgg內六角螺絲PBA-8-35boltAgg內六角螺絲MJA-2041bracket水醋頭座板PLA-5-12hexagon head bolt外六角螺絲PLA-5-12hexagon head bolt外六角螺絲MJA-2043coolant nozzle水醋酸酮PP-43132Aswitch button valve用國國PP-43132Aswitch button valve用國國PP-43132Aswitch button valve用國國PP-43132Asevitch button valve用國國PA-5-25set screw上行螺絲PA-5-25set screw上行螺絲PA-5-25set screw上行螺絲MBR-9106right guide arm固定縮醋MJS-9008insert西歐錫鋼片MSR-9106fixed insert西歐錫鋼片MBR-9106fixed insert加MBR-9106polt輪鋼MBR-9106fixed insert加MBR-9106fixed insert加MER-9107adjusting bolt輪鋼MER-9106fixed insertAdjusting boltPOA-8springmtPOA-8springmtPOA-8fixed boltmgaPOA-8-125nutmgaPOA-8-126hutmgaPOA-8-126hutmgaPOA-8-126hutmgaPOA-8-126hutmgaPOA-8-126hutmgaPOA-8-126hutPOA-8-126hutPOA-8-126hutPOA-8-126hutPOA-8-126hut <td>7-27</td> <td>MER-3208</td> <td>fixed bolt</td> <td>軸承固定螺絲(長)</td> <td></td> <td></td> <td>PCS</td>	7-27	MER-3208	fixed bolt	軸承固定螺絲(長)			PCS
PBA-8-35bolt有頭內六角螺絲MJA-2041bracket水龍頭座板PLA-5-12hexagon head bolt外六角螺絲PLA-5-12hexagon head bolt外六角螺絲MJA-2043coolant nozzle水管接頭MJA-2043switch button valve開闢閥MJA-2043switch button valve開闢腐PP-43132Aswitch button valve開闢腐PP-43132Aswitch button valve開露腐PA-5-25set screw止竹螺絲PAA-5-25set screw止竹螺絲PAA-5-25set screw山竹PAA-5-25set screw山竹PAA-5-25set screw山竹MBR-9106right guide arm固定錫臂MJS-9008insert百定錫鋼片MJS-9008insert百定錫鋼片MJS-9008insert百定錫鋼片PA-57300springMSR-9106fixed insert百定錫鋼片POA-8spring washer嘯餮POA-8spring washer嘯餮POA-8spring washer嘯POA-8-125nut萄g內六角螺絲MFR-3209fixed holt軸承問討	7-29	AHA-0708A	washer	導輪墊圈		1	PCS
MJA-2041bracket水龍頭座板PLA-5-12hexagon head bolt外六角螺絲PLA-5-12hexagon head boltか六角螺絲MJA-2043coolant nozzle水管接頭MJA-2013switch button valve角窗晶PP-43132Aswitch button valve月國晶PA-5-25set screw止台螺絲PAA-5-25set screw止台螺絲PAA-5-25set screw山台螺崎PAA-5-25set screw山台螺PAA-5-25set screw山台螺PAA-5-25set screw山台螺PAA-5-25set screw山台螺PAA-5-25set screw山台螺PAA-5-25set screw山台螺PAA-5-25set screw山台螺PA-5-2008insert百虎鶴MBR-9106fixed insert石isMBR-9106fixed insert活動鎬鋼片MBR-9106fixed insert活動鎬鋼片MBR-9107movable insert活動鎬鋼片MBR-9107spring washer端童鋼PP-57300spring washer嘯簧POA-8spring washer嘯POA-8-125nut龜涵PA-8-16screw軸承MFR-3709fixed holf	ი	PBA-8-35	bolt	有頭內六角螺絲	M8x35L	4	PCS
PLA-5-12hexagon head bolt外六角螺絲MJA-2043coolant nozzle水管接頭MJA-2043coolant nozzle月PP-43132Aswitch button valve角陽陽PP-43132Aswitch button valve月PP-43132Aswitch button valve月PP-43132Aswitch button valve月PP-43132Aswitch button valve月PP-43132Aswitch button valve月PA-5-25set screw止台PAA-5-25set screw止台PAA-5-25set screw止台PAA-5-26set screw上台PA-5-2008right insert固定鋸鋼片MJS-9008insert固定鋸鋼片MJS-9008insert固定鍋鋼片MS-9106fixed insert百定鎢鋼片MBR-9107movable insert活動鎢鋼片MBR-9107movable insert活動鑛鋼片MBR-9107spring蜿蜒背簧PP-57300spring washer嘯簧POA-8spring washer嘯簧POA-8-125nut蝙袋PA-8-16screw軸承回向MFR-3709fixed holf軸承回	11	MJA-2041	bracket	水龍頭座板		2	PCS
MJA-2043coolant nozzle水管接頭PP-43132Aswitch button valve開闢閥PP-43132Aswitch button valve開闢履AB-6014fixed coolant nozzle古管MAB-6014fixed coolant nozzle由下螺総PAA-5-25set screw止付螺総S500M-3105right guide arm固定鋸臂S500M-3161right insert古藻輪摩MJS-9008insert古藻輪摩MJS-9008insert百定鎢鋼片MBR-9106fixed insert插龜續MBR-9107movable insert插龜續MBR-9107adjusting bolt驗鋼背P257300spring驗型彈簧P27300spring washer如餐P2-57300spring washer如餐P2-57300spring washer如餐MER-3125nut如餐P0A-8-16screw有頭內六角螺絲MFR-3209fixed holt軸承回示軸(約)	13	PLA-5-12	head	外六角螺絲	M5x12L	4	PCS
PP-43132Aswitch button valve開闢關PP-43132Aswitch button valve開闢AB-6014fixed coolant nozzle古市水管按頭PAA-5-25set screw止付螺給PAA-5-25set screw止付螺給S500M-3105right guide arm固定鋸臂S500M-3161right insert holder右導輪座MJS-9008insert下壓鎢鋼片MJS-9008insert百定鎢鋼片MBR-9107movable insert酒倉鎬鋼片MBR-9107movable insert高ヶ崎小調整鋼貨MBR-9107springspringMBR-9107adjusting bolt續鋼片調整彈簧PP-57300spring washer彈簧華司PP-57300spring washer彈簧PCA-8spring washer彈簧POA-8-125nut雪頭內六角螺絲MFR-3209fixed holt軸承回示軸(約)	15	MJA-2043		水管接頭		2	PCS
hose水管MAB-6014fixed coolant nozzle固定塊水管接頭PAA-5-25set screw止付螺統PAA-5-25set screw止付螺統S500M-3105right guide arm固定鋸臂S500M-3161right insert右導輪座MJS-9008insert下壓鎢鋼片MJS-9008insert下壓鎢鋼片MBR-9107movable insert活動鎢鋼片MBR-9107movable insert活動鎢鋼片MBR-9107movable insert活動鎢鋼片MBR-9107adjusting bolt鰊類背簧PP-57300spring瓣鋼背調整彈簧PP-57300spring輪鋼MBR-9107adjusting bolt鰊鋼PP-57300spring washer彈簧PP-57300spring washer彈簧POA-8-125nut嘯PDA-8-16screw有頭內方角螺絲MFR-3209fixed bolt軸承回示軸(約)	17	PP-43132A	button	開露閥	1/8"	2	PCS
MAB-6014fixed coolant nozzle固定塊水管接頭PAA-5-25set screw止竹螺統PAA-5-25set screw止竹螺統S500M-3105right guide arm固定鋸臂S500M-3161right insert右導輪座MJS-9008insert下壓鎢鋼片MSR-9106fixed insert高定鎢鋼片MBR-9107movable insert高直鎢鋼片MBR-9107movable insert高直鎢鋼片MBR-9107adjusting bolt輪響音PP-57300spring輪型彈簧PP-57300spring washer彈簧華司PP-57300spring washer彈簧PP-57300spring washer彈簧PP-57300spring washer雪貨PP-57300spring washer雪貨PP-57300spring washer雪貨PDA-8-16screw看頭內六角螺絲MFR-3209fixed holt軸承回示軸(約)	19		hose	≻ 億	1/4x1500L	2	PCS
PAA-5-25set screw止付螺絲S500M-3105right guide arm固定鋸臂S500M-3161right insert固定鋸臂S500M-3161right insert右導輪座MJS-9008insert下壓鎢鋼片MJS-9106fixed insert固定鎢鋼片MBR-9107movable insert活動鎢鋼片MBR-9107movable insert活動鎢鋼片MBR-9107adjusting bolt蟾麵片調整彈簧PP-57300spring washercmPP-57300spring washercmPP-57300spring washerggMER-3207adjusting boltsignPOA-8spring washerggPA-8-16screwfixed boltMFR-3209fixed boltma@frame(%)	21	MAB-6014		固定塊水管接頭		2	PCS
S500M-3105right guide arm固定鋸臂S500M-3161right insert holder右導輪座S500M-3161right insert holder右導輪座MJS-9008insert下壓鎢鋼片MJS-9106fixed insert固定鎢鋼片MBR-9107movable insert活動鎢鋼片MBR-9107movable insert活動鎢鋼片MBR-9107adjusting bolt蟯麵理寶簧PP-57300spring washer彈簧華司PP-57300spring washer彈簧POA-8spring washer蠕簧POA-8-125nut有頭內六角螺絲MFR-3209fixed holt軸承固定軸(街)	23	PAA-5-25	set screw	止付螺絲	M5x25L	8	PCS
S500M-3161right insertholder右導輪座MJS-9008insert下壓鎢鋼片MJS-9106fixed insert下壓鎢鋼片MBR-9107movable insert活動鎢鋼片MBR-9107movable insert活動鎢鋼片MBR-9107spring端型彈簧MBR-9107adjusting bolt鎢鋼片調整彈簧PP-57300spring washer彈簧華司PP-57300spring washer彈簧POA-8spring washer彈簧POA-8-16screw有頭內六角螺絲MFR-3209fixed bolt軸承固定軸(街)	25	S500M-3105		固定鋸臂		1	PCS
MJS-9008insert下壓鎢鋼片MBR-9106fixed insert固定鎢鋼片MBR-9107movable insert菌定鎢鋼片MBR-9107movable insertadjustingPP-57300spring蝶型彈簧PP-57300spring bolt鎢鋼片調整彈簧PP-3207adjusting bolt鎢鋼片調整彈簧PQA-8spring washer彈簧華司POA-8-125nut蠕簧PBA-8-16screw有頭內六角螺絲MFR-3209fixed bolt軸承固定軸(領)	27-1	S500M-3161	right insert holder	右導輪座		-1	PCS
MBR-9106fixed insert固定鎢錮片MBR-9107movable insert活動鎢錮片MBR-9107movable insert活動鎢錮片PP-57300spring螺型彈簧PR-57300spring bolt鎢錮片調整彈簧PP-57300spring washer彈簧華司PQA-8spring washer螺母POA-8-125nut有頭內六角螺絲MFR-3209fixed holt軸承固定軸(街)	27-3	MJS-9008	insert	下壓鎢鋼片			PCS
MBR-9107movable insert活動鎢鋼片PP-57300spring蝶型彈簧PP-57300spring端型彈簧MER-3207adjusting bolt鎢鋼片調整彈簧PQA-8spring washer彈簧華司POA-8-125nut螺母PDA-8-16screw有頭內六角螺絲MFR-3209fixed bolt軸承固定軸(街)	27-5	MBR-9106	fixed insert	固定鎢鍋片		, _ ,	PCS
PP-57300springMER-3207adjusting bolt鎢鋼片調整彈簧PQA-8spring washer彈簧華司POA-8-125nut螺母PBA-8-16screw有頭內六角螺絲MER-3209fixed holt軸承固定軸(領)	27-7	MBR-9107	ble	活動鎢鋼片			PCS
MER-3207adjusting bolt鎢鋼片調整彈簧PQA-8spring washer彈簧華司POA-8-125nut螺母PBA-8-16screw有頭內六角螺絲MFR-3209fixed bolt軸承固定軸(領)	27-9	PP-57300	spring	<mark>.</mark> 蝶型彈簧	6.2x12.5x0.5	1	PCS
PQA-8 spring washer 彈簧華司 POA-8-125 nut 螺母 PBA-8-16 screw 有頭內六角螺絲 MFR-3209 fixed bolt 軸承固定軸(每)	27-11	MER-3207		鎢鋼片調整彈簧		-1	PCS
POA-8-125 nut 螺母 PBA-8-16 screw 有頭內六角螺総 MFR-3209 fixed bolt 軸承固定軸(短)	27-13	PQA-8	spring washer	彈簧華司	M8	-1	PCS
PBA-8-16 screw 有頭內六角螺総 MFR-3209 fixed bolt 軸承固定軸(您)	27-15	POA-8-125	nut	螺母	M8	-1	PCS
MFR-3209 fixed holt	27-17	PBA-8-16	screw	有頭內六角螺絲	M8x16L	-1	PCS
	27-19	MER-3209	fixed bolt	軸承固定軸(短)			PCS

2018/10/30



PART C GUIDE BRACKET ASSEMBLY PART NO: \$500M-31000

ITEM	PART NO.	PART NAME	PART NAME(CH)	PART SPEC.	COUNT	UNIT
27-21	27-21 PP-14270	bearing	軸承	6200VV	1	PCS
27-23	27-23 PQA-8	spring washer	彈簧華司	M8	2	PCS
27-25	POA-8-125	nut	螺母	M8	2	PCS
27-27	27-27 MER-3208	fixed bolt	軸承固定軸(短)		2	PCS
27-29	27-29 AHA-0708A	washer	導輪墊圈		1	PCS
29	PQA-8	spring washer	彈簧華司	M8	4	PCS
31	PPA-8	washer	平面華司	M8	4	PCS
33	PQA-5	spring washer	彈簧華司	M5	4	PCS
35	SJY-1134A	bracket	水龍頭固定座		-	PCS
37	PBA-5-10	screw	有頭內六角螺絲	M5x10L	2	PCS
39	PQA-5	spring washer	彈簧華司	M5	2	PCS
41	SJY-1152	coolant block	鋸帶冷卻頭		~	PCS

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05SH-500M SERIES PART LIST

ITEM	PART NO.	PART NAME	PART NAME (CH)	PART SPEC.	COUNT UNIT	UNIT
~	MBR-9132-B	bearing-holder	鋼刷軸承座		٢	PCS
7	MER-3109	spring	錭刷擪縮彈簧		2	PCS
ю	PPA-8	washer	平面華司	M8	4	PCS
4	PBA-8-80	bolt	有頭內六角螺絲(公)	M8x80L	3	PCS
5	PP-14250	bearing	軸承	6002ZZ	2	PCS
9	PP-52097	snap ring	扣環	S15	4	PCS
7	MBR-9129	brush shaft	鋼刷軸		-	PCS
8	MBR-9131	brush drive wheel	錭刷傳動輪		~	PCS
6	PP-58002	wire brush	鋼刷	90m/m*8m/m*16T #0.3	-	PCS
10	POA-8-125	nut	螺母	M8	-	PCS
1	MER-3108	cover	罁 刷護蓋		-	PCS
12	PFA-5-8	screw	丸頭螺絲(十字)	M5×8L	-	PCS

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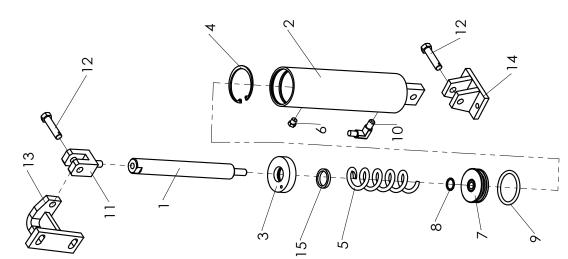
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05SH-500M SERIES PART LIST

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CYLINDER MODULE ASSEMBLY	ITEM	PART NO.	PART NAME	PART NAME (CH)	PART SPEC. COUNT	COUNT	UNIT
PART NO: SBR-91600	-	MBR-9163	piston rod	活塞桿		L	PCS
	2	MBR-9164	cylinder	缸管		~	PCS
13	3	MBR-9159	cylinder front cap	油缸前蓋		-	PCS
	4	PTR-65	snap ring	扣環	R65	-	PCS
12 J 12	5	PP-57402	spring	弾簧	7x35x150	-	PCS
	9	C320G-1721		透氣螺絲		-	PCS
- Ø <u>,</u>	7	SBR-9168	piston	活塞(鋸弓)		٢	PCS
	8	PP-59074	o-ring	O型環	NOK P-18	-	PCS
	6	PP-59150	oil seal	O型環	P-53	-	PCS
4	10	PP-20250	elbow joint	彎接頭		~	PCS
0	11	MER-2302	cylinder join bracket 油缸連接座	油缸連接座		~	PCS
	12	MAE-1031A	pin	油壓缸長插銷		~	PCS



PCS

PCS

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油缸上固定座 油缸下固定座

cylinder bracket cylinder bracket PCS

~

UHS 28x35.5x5

U型油封

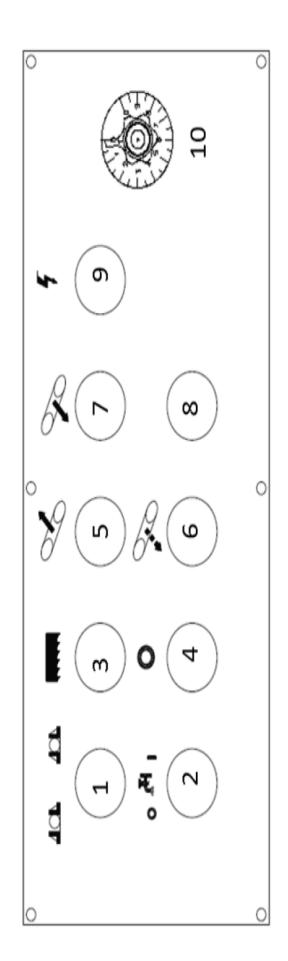
oil seal

PP-51150

S500M-3271

MER-2303

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SH-500M SERIES PART LIST

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CONTROL PANEL BUTTONS

No.	D. PART NUMBER	PART Name IN ENG.	PART Name IN CHI.	Q'TY
1	EP-90757B-1*T	Vise open/clamp switch	虎鉗釋放/灰持按鈕	1
2	2 EP-90757A-1*T	Coolant on/off switch	冷卻泵浦 ON/OFF 開關	1
3	EP-90663D-1*T	Saw Blade start button	鋸刀啟動按鈕	1
4	EP-90662C-1*T	Saw Blade stop button	鋸刀停止按鈕	1
2	EP-90662C-4*T	Saw bow UP button	鋸弓上升按鈕	1
9	EP-90662C-3*T	Saw bow slowly down button	鋸弓下降按鈕(慢速)	1
7	EP-90662C-3*T	Saw bow DOWN button	鋸弓下降按鈕	1
8	EP-90666-2*T	Emergency stop button	緊急停止按鈕	1
6	EP-90755-1*T	Power indicator lamp	電源指示燈	1
1(10 PP-52123	Blade descend speed control knob	鋸刀下降速度控制旋鈕	1



Vertical Plate Saws Horizontal Billet Saws NC/CNC Band Saws Structural Miter-Cutting Saws Automatic Band Saws

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