U.S.SAW





PC7500 REVERSIBLE PLATE COMPACTOR OPERATING MANUAL



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INTRODUCTION & SPECIFICATIONS

Section	Page
Table of Contents & Introduction	2
Symbols & Decals	3
Safety Instruction	4 - 5
Operation Checklist	6 - 8
Routine Service & Storage	9
Warranty & Service	10 - 11

1.0 INSTRUCTIONS FOR USE OF MANUAL SECTIONS Foreword/Introduction

The owner's manual is intended to point out some of the basic safety situations that maybe encountered during the normal operation & maintenance of the PC7500 & to instruct you in safety practices for dealing with these conditions. Keep all manuals provided with your machine in a safe place at all times.

The information and specifications included in this publication were in effect at the time of approval for printing. U.S.SAWS reserves the right, however, to discontinue or change specifications or design at any time without notice and without incurring any obligation.

The PC7500 is versatile, affordable, and packs a punch! Perfect for many general compaction needs, pounding larger footprints quickly and effectively. The fully hydraulic reversing mechanism sets the line of reversible compactors apart from the competition, providing more flexible manoeuvrability for forward, backward, and spot-on compaction.

Read this entire operations and maintenance manual before using your new tool. Pay close attention to the rules for safer operation.

Dangers, Warnings and Cautions.

The purpose of safety symbols and explanations are to attract your attention to possible hazards and how to avoid them. The safety symbols and explanations do not by themselves eliminate any danger. The instructions or warnings they give are not substitutes for proper accident prevention measures.



DANGER: Indicates an imminently hazardous situation that if not avoided, will result in death or serious injury. This signal word is limited to the most extreme situations.



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



CAUTION: Indicates a potentially hazardous situation that, if not avoided may result in minor or moderate injury. It may also be used to alert against unsafe practices that may cause property damage.



MARNING

Read and fully understand operator's manual before using this machine.

Failure to follow operating instructions could result in death or serious injury.



2.0 SPECIFICATIONS

PC7500	
Engine	Honda
Spec	GX270
Power Output	8.5hp (6.3kW)
Compaction Force	7850 lbf / 35 kN / 3570 kgf
Max Travel Speed	52'/min (16m/min)
Length/ Width/ Height	53" x 18" x 38"
Weight	449 lbs
Plate Size	18" x 28"
Base Material	Ductile Iron
Part Number	USPC7500

SYMBOLS & DECALS

3.0 SYMBOLS & DECALS

For Safe Operation

You must be qualified for safe operation of the U.S.SAWS PC7500 machine. You must clearly understand the written instructions supplied by U.S.SAWS, be trained - including actual operation - & know the safety rules & regulations for the job site. It is a safety practice to point out & explain safety signs & practices to others & to make sure they understand the importance of following these instructions.



Human error is the result of many factors: carelessness, fatigue, sensory overload, preoccupation, unfamiliarity with the machine or attachments, or drugs or alcohol, to name a few. You can avoid serious injury or death caused by these & other unsafe work practices. Be safe and never assume accidents cannot happen to you.

For your safety and the safety of others, act safely and encourage your fellow workers to act safely as well.



Read and understand operator's manual before using this machine. Failure to follow operating Instructions could result in injury or damage to equipment.



Flying debris and loud noise hazards. Wear ear and eye protection



Engine exhaust contains poisonous carbon monoxide gas. Breathing it could cause death. Operate machine in well ventilated area.



Rotating chain hazard. Keep hands and feet away.



Wear safety boots when operating this machine



Wear appropriate clothing



Wear Head Protection, breathing protection, and the use of hearing protection is mandatory



Wear hand protection



Wear proper electrostatic grounding equipment at all times.



SAFETY INSTRUCTIONS

4.0 SAFETY INSTRUCTIONS

4.1 KNOW THE RULES & YOUR EQUIPMENT.

Most job sites have rules governing equipment use & maintenance. Before starting at a new work location, check with the supervisor or safety coordinator. Ask about any rules or regulations you need to abide.

OSHA enforces federal laws within the United States that apply to the safe operation, application, & maintenance of equipment on job sites. It is the employer's responsibility to comply with these laws.

Do not operate this machine unless you have read the operations and maintenance manual carefully.

4.2 RECEIVE PROPER TRAINING.

Do not operate this machine unless you have received operational and maintenance training from a U.S.SAWS representative or from an authorized distributor for U.S.SAWS.

4.3 PROTECT YOUR FEET.

Observe all applicable local, state and federal safety regulations. Wear OSHA approved foot protection.

4.4 PROTECT YOUR EYES.

Observe all applicable local, state and federal safety regulations. Wear OSHA approved safety glasses.

4.5 PROTECT YOUR LUNGS.

Breathable silica may be generated by use of this product. Silica can cause severe and permanent lung damage, cancer, and other serious diseases. Do not breath the dust. Do not rely on your sight or smell to determine if the dust is in the air. Silica may be in the air without a visible dust cloud. If air monitoring equipment for silica is not provided by your employer at your work site, you MUST wear appropriate respiratory protection when using or servicing the machine. Consult your employer and OSHA regarding the appropriate respiratory protection.

4.6 PROTECT YOUR HEARING.

Observe all applicable local, state and federal safety regulations. Wear OSHA approved hearing protection.

4.7 DRESS PROPERLY.

Do not wear loose clothing or jewelry that can be caught in moving parts. Wear protective hair covering to contain long hair. Keep hair away from motor air vent. Rubber gloves and non-skid footwear are recommended when working outdoors.

4.8 AVOID A DANGEROUS ENVIRONMENT.

Do not expose machine to rain. Do not use machine in wet conditions. Water entering a power tool will increase the risk of electric shock. Keep work area well lit. When working at an elevated location, pay attention to articles and persons below. If operating the power tool in damp locations is unavoidable, use a Ground Fault Circuit Interrupter (GFCI) protected supply. Use of an GFCI reduce the risk of electric shock.

4.9 AVOID ANY AREAS OR ACTIONS THAT EXPOSE YOU TO CARBON MONOXIDE.

Do not operate in areas where exhaust fumes could accumulate without wearing appropriate respiratory protection. Consult your employer and OSHA regarding use of appropriate respirator for dangerous carbon monoxide gases.

4.10 KEEP WORK AREA CLEAN. DO NOT RUN OVER ANYTHING.

Loose objects could be thrown from crack. Make sure area to be cut is clear from people and any loose objects, nuts, bolts, etc. Never run over any loose objects.

4.11 KEEP CHILDREN AND VISITORS AWAY.

Do not allow anyone to stand in line with the cut path. Do not let children or visitors contact machine or extension cord. Keep children and visitors away from the work area.

4.12 KEEP FIRM GRIP ON MACHINE.

During normal operation as instructed in Section 6.0, keep a firm hold on the handle grips and maintain control of the machine until the chain completely stops.

4.13 SHUT OFF MACHINE.

When not in use, before servicing and when changing accessories shut off motor. Release the lever switch and move the on/off switch to the OFF position. Move the fuel valve lever to the OFF position.

4.14 STORE IDLE EQUIPMENT.

The machine and tools should be stored in a dry and secure location when not in use. Keep equipment out of reach of children.

4.15 OBTAIN MATERIAL SAFETY DATA SHEET (MSDS) FOR ALL WORK SURFACE MATERIALS.

This includes primers, all coatings, adhesives, tile and crack filling materials, etc. Do not attempt to cut, clean out or remove material without MSDS information. Consult MSDS sheet for hazards information. Be aware that some materials are explosive as a dust.

4.16 DO NOT OVERREACH.

Keep proper footing and balance at all times.

4.17 MAINTAIN MACHINE WITH CARE.

Keep machine clean and follow maintenance procedures for better and safer performance. Keep handles dry, clean, and free from oil and grease. Follow instructions for lubricating and changing accessories.

4.18 REMOVE ADJUSTING TOOLS.

Form a habit of checking to see that tools such as adjusting wrenches are removed from the machine and properly stored before starting the motor.

4.19 STAY ALERT.

Watch what you are doing. Use common sense. Do not operate machine when you are tired or fatigued.



SAFETY INSTRUCTIONS

4.20 DO NOT USE DRUGS, ALCOHOL, MEDICATION.

Do not operate machine while under the influence of drugs, alcohol, or any medication.

4.21 KEEP THE RIGHT PARTS IN THE RIGHT POSITIONS.

Do not operate machine with parts missing or improperly mounted.

4.22 CHECK DAMAGED PARTS.

Verify all parts are in good condition and will function properly before using the machine. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect machine operation. Do not operate machine if lever or motor on/off switch does not function properly.

4.23 SECURELY MOUNT ACCESSORIES TO THE MACHINE.

Extra care must be taken on elevated location to prevent injury to someone on a lower level in the event the tool or accessory should drop. Do not operate without fall protection for operator and debris protection for public.

4.24 NEVER TOUCH THE MOVING PARTS.

Never touch moving parts such as chains, belts and others.

4.25 STOP OPERATION IMMEDIATELY IF ANY ABNORMALITY IS DETECTED.

Stop using machine immediately if any abnormalities are observed during operation. Examples of abnormalities include unusual noise and vibration.

4.26 WHEN REPLACING A PART, USE THE SAME TYPE AND QUALITY.

When replacing a component part with a new one, use only the same type and quality of new part. Never attempt to repair a machine if you are unfamiliar with proper procedures and techniques required.

4.27 LOAD AND UNLOAD SAFELY.

Use proper heavy lifting procedures. Read & understand manuals before loading & unloading.

4.28 SAVE THESE INSTRUCTIONS.

Refer to this operations and maintenance manual as well as any additional instructions included from other manufacturers and organizations such as the Masonry and Concrete Saw Manufacturers Institute®. Never permit anyone to operate the machine without proper instructions.



MARNING

Read and fully understand operator's manual before using this machine.

Failure to follow operating instructions could result in death or serious injury.





DUST WARNING

Cutting, especially when DRY cutting, generates dust that comes from the material being cut, which frequently contains silica.

Silica is a basic component of sand, quartz, brick clay, granite and numerous other minerals and rocks. Exposure to excessive amount of such dust can cause:

- Respiratory diseases (affecting your ability to breath), including chronic bronchitis, silicosis and pulmonary fibrosis from exposure to silica. These diseases may be fatal;
- · Skin irritation and rash; and
- Cancer according to NTP* and IARC*
- * National Toxicology Program, International Agency for Research on Cancer

Take precautionary steps

- · Avoid inhalation of and skin contact with dust, mist and fumes;
- Wet cut when feasible, to minimize dust;
- Wear and ensure that all bystanders wear appropriate respiratory protection such as dust masks designed to filter out microscopic particles. (See OSHA 29 CFR Part 1910.1200)

California Prop 65 Warning: Use of this product can cause exposure to materials known to the State of California to cause cancer and/or birth defects or other reproductive harm.



OPERATION CHECKLIST

5.0 PRE-OPERATION CHECKLIST



AWARNING

Read and understand operator's manual before using this machine. Failure to follow operating instructions could result in injury or damage to equipment.

Figure 3 - Warning label - read and understand manual

5.1 Start by reading the entire PC7500 operations and maintenance manual. Get familiar with the machine's parts.



⚠ WARNING

Read and fully understand operator's manual before using this machine.

Failure to follow operating instructions could result in death or serious injury.



TO PREVENT SERIOUS INJURY DO NOT OPERATE PC7500 WITHOUT PROPER TRAINING AND. UNDERSTANDING OF THE OWNERS MANUAL WHEN OPERATING THIS MACHINE



Rotating chain hazard. Keep hands and feet away.



Wear Head Protection, breathing protection, and the use of hearing protection is mandatory



Flying debris and loud noise hazards. Wear ear and eye protection



Wear hand protection



Wear proper electrostatic grounding equipment at all times.

6.0 **OPERATING SAFETY PRECAUTIONS**

6.1 U.S.SAWS plate compactors are equipped with safety guards in accordance with North American and International standards. The fully enclosed belt guard protects the operator from the main drive belt. The handle is equipped with independent vibration isolation from the motor plate, reducing operator discomfort and vibration related injuries.

IMPORTANT: NEVER attempt to disable or circumvent these safety devices. They are present for the operator's protection and any tampering will result in substantial risk to the operator and all present at the job site. If your compactor's safety devices have been tampered with, do not use the equipment. Immediately contact your sales representative to obtain replacement parts or return the compactor to your dealer for repairs.

6.2 The instructions provided in this manual are done so to ensure the operator's safety as well as that of others, the equipment, and the job site. Failure to follow these guidelines can lead to serious personal injury and even death. The operator and any service personnel should read and understand the entire manual before working with or servicing any U.S.SAWS Plate Compactor.

The U.S.SAWS manual should be always kept in a place that is accessible to any persons working with the machine. Replacement manuals can be purchased from the equipment manufacturer or from your local dealer.

Only use parts and attachments supplied or approved by your U.S.SAWS equipment manufacturer. The consequences of modifying the design of this equipment can include personal injury, equipment failure, and voiding your warranty. If you are unsure about a repair or an apparent malfunction, contact your U.S.SAWS dealer

6.2.3

Technical service bulletins, user's manual updates, and other information are posted on the U.S.SAWS website: http://www.ussaws.com. Check this website periodically for updates or other potentially useful information about your equipment.

6.2.4

NEVER use a U.S.SAWS Plate Compactor in an enclosed space with poor air flow, such as a basement or small room. The gasoline engine produces, among other things, toxic carbon monoxide gas. Without proper ventilation, this gas will build up and cause health effects such as organ damage and death to anyone in the vicinity.

6.2.5

The Compactor operator should always be lucid and aware of his/her surroundings. NEVER operate the Compactor while under the influence of drugs, alcohol, fatigue, sickness, hangover, extreme depression, emotional distraction, or medications/substances that may affect motor skills or judgment.

6.2.6

ALWAYS wear the appropriate personal protective equipment (PPE) while operating a U.S.SAWS Plate Compactor. This includes (but is not limited to) safety glasses, hearing protection, protective footwear, and heavy or padded gloves. Other safety gear may be jobsite appropriate.

6.2.7

NEVER leave the equipment unattended while running.



OPERATION CHECKLIST

6.2.8

ALWAYS ensure that the operators have been properly trained prior to using the equipment.

6.2.9

Children and small animals should NEVER be present in the work area during operation of a U.S.SAWS Plate Compactor.

ALWAYS check your U.S.SAWS Plate Compactor for loose or missing nuts and bolts before starting. Tighten any loose fasteners and replace missing or broken parts.

6.2.11

Perform all routine maintenance as described within this manual. Failure to do so will void your warranty and will eventually result in premature equipment failure.

6.2.12

NEVER perform maintenance on a running piece of equipment. Shut down the engine and allow it to cool before servicing a U.S.SAWS Plate Compactor, including mechanical work or lubrication.

6.2.13

ALWAYS replace missing, damaged, or unclear safety labels to ensure operator awareness and safety.

6.2.14

NEVER operate a U.S.SAWS Plate Compactor with missing or damaged safety guards. Replace it immediately with appropriate parts.

6.2.15

NEVER put hands, feet, or other appendages (even while wearing protective clothing) inside the belt guard or between the plate and bridge while the engine is running, even at idle, as serious injury may result.

6.2.16

NEVER wear loose fitting clothing or jewelry around rotating equipment as it may become entangled in the machinery, resulting in serious injury.

NEVER fuel a U.S.SAWS Plate Compactor while the engine is running. gasoline fumes.

6.2.18

ALWAYS refuel a U.S.SAWS Plate Compactor in a well-ventilated area, away from ignition sources such as sparks, flames, and lit cigarettes. Smoking while fueling the equipment may result in an explosion.

6.2.19

NEVER operate a U.S.SAWS Plate Compactor in explosive environments such as those where paint fumes, methane, natural gas, fine particulate, aerosol propellant, or solvent fumes are present.

6.2.20

NEVER smoke near a U.S.SAWS Plate Compactor as stray gasoline fumes may ignite. Operating a U.S.SAWS Plate Compactor around an open flame may also result in explosion.

6.2.21

ALWAYS shut down the engine and allow it to cool before lifting or transporting a U.S.SAWS Plate Compactor.

ALWAYS tie down a U.S.SAWS Plate Compactor when being transported in a truck or on a flatbed. Empty the fuel tank if transporting over long distances.

NEVER attempt to lift a U.S.SAWS Plate Compactor alone, always lift with a mechanical aid.

7.0 **OPERATION INSTRUCTIONS**

SETTING UP YOUR PLATE COMPACTOR

Your U.S.SAWS Plate Compactor can come fully assembled with the handle and engine already installed. If the handle has been removed for shipping, it must be reinstalled before the equipment can be used. Assemble the handle using the included rubber vibration dampers, washers and bolts. Attach the throttle cable to the engine throttle and test the motion of the engine's throttle lever with the motion of the throttle control on the handle. U.S.SAWS equipment may be shipped without engine oil or gasoline, so check and fill these fluids per your engine's instruction manual before proceeding. When starting an engine for the first time, or after a long period of storage, several pulls may be required before the engine runs. NEVER attempt to add fuel or oil to the engine while it is running. Shut down the engine and allow it to cool before opening the fuel cap for refueling. NEVER smoke while handling gasoline. If gasoline is spilled anywhere on or around the equipment wipe it up and allow the fumes to clear before starting the engine.

PRIOR TO OPERATION

- **7.1.1** Make sure that all dirt, mud, etc., are thoroughly removed from the unit prior to operation. Special effort should be given to the bottom face of the vibrating plate and those areas adjacent to the cooling air inlet of engine, carburetor, and air cleaner.
- 7.2.2 Check all bolts and screws for tightness and make sure all bolts and screws are securely tightened. Loose bolts and screws may cause damage to the unit.
- 7.2.3 Check the V-belt for tightness. The normal slack should be approximately 10-15mm (1/2") when the belts are forcibly depressed in the middle position between the two sheaves. If there is excess belt play, there could be a decrease in the impact force or erratic vibration, causing machine damage.
- 7.2.4 Check the engine oil level and if the engine oil level is low, it should Ensure the engine has cooled sufficiently before refueling to avoid igniting be refilled. Use the proper motor oil as suggested by the engine manufac-
 - **7.2.5** Remove the oil plug in the exciter base and check the oil level. Make sure the compactor is level when checking. The oil level should be up to the oil plug. Every month or every 200 hours of operation replace
 - 7.2.6 Check hydraulic oil level by removing the fill plug at the top of the handle. Oil should be level with the oil level line on the back of the hand pump. Top up if oil level is low.

IMPORTANT: When changing the oil, the old oil can be drained by tipping the unit. The oil will drain easily while it is hot. A regular grade gasoline should be used in the engine. When filling the fuel tank, make sure the fuel filter is used.



OPERATION CHECKLIST

8.0 OPERATION

OPERATING PRINCIPLE

Two eccentric weights mounted on respective exciter shafts contained within the exciter housing are driven at high speed by a clutch and belt drive system. This high-speed shaft revolution causes the rapid lifting and downward ramming motion of the machine as well as imparting a forward motion. As the direction control handle is moved upwards, hydraulic fluid inside the handle head rotates one eccentric weight from 0° to 180° on its shaft which imparts a gradual stop to reverse motion. The plate compactor is designed to run at an engine speed (engine take off shaft) of 3600 rpm. (Normally considered full throttle). Running the engine at lower rpms will result in a decrease of compaction force and lower travel speed. It will create excessive "out-of-synch" vibrations resulting in poor compaction, maneuverability, excessive wear to the machine, and discomfort to the operator.

Starting Procedure Gas Models- WARM CLIMATE

Open fuel valve on gas tank. Set throttle lever to "Fast" idle position, set choke to closed position, and start engine. Open choke slightly to prevent flooding. Move to "Open" or "Run" position when engine is warm, increase throttle to maximum operation position (3600 rpm).

Starting Procedure- COLD CLIMATE

Follow same procedure as above but allow longer warm-up period – 3 to 5 minutes. In cold weather, oil is much heavier to move and requires more time to work its way into the moving parts. If maximum power is not attained, allow further warm-up time.

Fill fuel tank with clean and appropriate fuel, use safety approved fuel containers.

Gas models: DO NOT MIX OIL WITH GASOLINE – USE UNLEADED GAS ONLY.

Stopping Procedure Gas Models

- 1. Throttle engine down. Let idle for 2-4 minutes
- 2. Depress or turn off stop switch.

- **8.1.1.** Opening the governor lever sharply causes the compactor to start working. When the engine speed reaches around 2300rpm, centrifugal clutch will be engaged. The lever should be operated quickly without hesitation, because increasing the engine speed slowly causes the clutch to slip.
- **8.1.2.** Operate travel lever to have compactor travel forward or reverse. Pull lever back for reverse, release lever and level will spring forward causing forward movement and place lever in neutral for vibration in place.
- **8.1.3.** When you work on soil which contains clay, there may be cases where traveling speed drops because compaction plate does not leave ground surface as easily. Check the bottom of plate to see if clay has not stuck there. Incidentally, because compactor cannot be as efficient on clay or high moisture containing soil, dry such soil to appropriate moisture content level or carry out compaction twice.
- **8.1.4.** To discontinue your work, contrary to the starting time, return the governor lever quickly to LOW position. Do not move it slowly.

MAINTENANCE

Proper maintenance, inspection and storage of your U.S.SAWS Plate Compactor is vital to preserving the performance of your equipment. The most important daily activity is to keep the equipment clean and prevent the build-up of mud and caked-on dust or particulate. Bartell Plate Compactors can be cleaned with spray from a hose or pressure washer. Remove all dirt and residue from the surface of the equipment, including the space between the bridge and plate.

AIR CLEANER - Keep air filter clean at all times. Wash away dust and debris using a non-oil-based cleaning solvent. Let the filter dry before re-installing.

LUBRICATION – Always check engine oil regularly. Use proper engine oil as recommended. See chart on previous page. Fill crankcase to levels as recommended in manufacture's engine manual.

SPARK PLUG – Check and clean spark plugs regularly. A fouled, dirty or carboned spark plug causes hard starting and poor engine performance. Set spark plug gap to recommended clearance. Refer to engine manual.

BELT TENSION - IMPORTANT!

If there is excessive belt play, there will be a decrease in the impact force and erratic vibration, which could cause machine damage. The normal belt play should be 10-15mm (1/2") which is attained by forcibly depressing the middle section of the belt. When adjusting the belt make sure that the clutch is in alignment with exciter pulley. Tighten all engine mounting bolts and secure the belt cover.



ROUTINE SERVICE & STORAGE

9.0 ROUTINE SERVICE

9.1 Due to the nature and environment of use, plate compactors could be exposed to severe operating conditions. Some general maintenance guidelines will extend the useful life of your machine.

9.1.1

The initial service for your compactor should be performed after 25 hours of use, at which time your mechanic (or authorized repair shop) should complete all the recommended checks in the schedule above.

9.1.2

Regular service according to the schedule above will prolong the life of the plate compactor and prevent expensive repairs.

9.1.3

Keeping your plate compactor clean and free from debris is the single most important regular maintenance operation, over and above the checks in the service schedule above, that can be performed. After each use your compactor should be cleaned to remove any dust and debris from the undercarriage and surrounding components. Use of a power washer will make clean up quick and easy, especially if a non-stick coating was applied prior to use.

9.1.4

All compactors have governed engine speed of 3600 rpm. See engine manufacturer's manual for exact specifications. Care should be used when making any adjustments to the compactor not to change the governed speed. Running the engine at lower rpms will result in a decrease of compaction force and lower travel speed. It will create excessive "out-of-synch" vibrations resulting in poor compaction, maneuverability, excessive wear to the machine, and discomfort to the operator.

9.1.5

Failure to have your vibratory plate compactor regularly serviced and properly maintained in accordance with the manufacturer's instructions will lead to premature failure and void the warranty

9.0 STORAGE

The following steps should be taken to prepare your plate compactor for extended storage.

- 9.1.1. Close fuel shut off valve.
- **9.1.2.** Siphon excess gasoline/diesel from tank.
- **9.1.3.** Start engine until it stops from lack of fuel. This will use up all the fuel in the carburetor and prevent formation of deposits due to evaporation of fuel. Remove spark plug and pour 2 oz. of SAE 10W-30 motor oil into the cylinder. Slowly crank the engine 2 or 3 times to distribute the oil throughout the cylinder.
- 9.1.4. This will help prevent rust during storage. Replace spark plug.
- **9.1.5.** Store the unit in an upright position in a cool, dry, well ventilated area.

WARRANTY AND SERVICE

8.0 WARRANTY AND SERVICE

8.1.1 Warranty

This document is to be used as a guide in determining warranty policies and procedures for U.S.SAWS and its U.S.SAWS products. It is to be used in determining whether a warranty is justified and as a procedural guide in completing a U.S.SAWS warranty claim form.

8.1.2 Warranty Responsibility

The distributor or the end user must prepare a Machine Warranty Information Card when the machine is delivered. Failure to comply will make any and all warranties on this equipment null and void. Credit for warranty repairs will be given only after receipt of the WARRANTY CLAIM FORM, properly completed with all the required details. Submittal details are described later in this document.

8.1.3 Warranty Policy

- **8.1.3.1** U.S.SAWS warrants its U.S.SAWS products against defects in material and workmanship under normal and proper use for a period of one year (365) days from the date of delivery; in the case of Rental Fleet Machines, date of assignment to Rental Fleet. Such warranty is extended only to the buyer who purchases the equipment directly from U.S.SAWS or its authorized distributor. This warranty does not include expendable parts such as, but not limited to, plugs, cutters, blades, blast wheel, wear parts, liners and seals.
- **8.1.3.2** The obligation under this warranty is strictly limited to the replacement or repair, at US SAWS's option, of machines and does not include the cost of transportation, loss of operating time, or normal maintenance services.
- **8.1.3.3** This warranty does not apply to failure occurring as a result of abuse, misuse, negligence, corrosion, erosion, normal wear and tear, alterations or modifications made to the machine without express written consent of U.S.SAWS.
- **8.1.3.4** Warranty request must be submitted in writing within thirty (30) days after failure.
- **8.1.3.5** Written authorization to return merchandise under warranty must first be obtained from U.S.SAWS.
- **8.1.3.6** U.S.SAWS reserves the right to inspect and make the final decision on any merchandise returned under warranty.
- **8.1.3.7** U.S.SAWS offers no warranty with respect to accessories, including but not limited to, engines, motors, batteries, electrical boards, tires and any other parts not manufactured by us but which the original manufacturer warrants.
- **8.1.3.8** U.S.SAWS reserves the right to make product changes or improvements without prior notice and without imposing any obligation upon itself to install the same on its products previously sold.
- **8.1.3.9** The above warranty conditions can only be altered by US SAWS. US SAWS must confirm alterations in writing for each specific transaction.
- **8.1.3.10** U.S.SAWS reserves the right to establish specific warranty terms for used or demo machines on an individual transaction basis. Invoices covering such merchandise will clearly state the provisions of the applicable warranty for each specific transaction.
- **8.1.3.11** WE DO NOT AUTHORIZE ANY PERSON, REPRESENTATIVE OR SERVICE OR SALES ORGANIZATION TO MAKE ANY OTHER WARRANTY OR TO ASSUME FOR US ANY LIABILITY IN CONNECTION WITH THE SALE OF OUR PRODUCTS OTHER THAN THOSE CONTAINED HEREIN.
- **8.1.3.12** UNDER NO CIRCUMSTANCES SHALL US SAWS BE LIABLE TO CUSTOMER OR ANY OTHER PERSON FOR ANY DIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF ANY WARRANTY OR FOR ANY SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER, INCLUDING WITHOUT LIMITATIONS, DAMAGES FOR ANY LOSS OF GOODWILL, WORK STOPPAGE, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES.
- **8.1.3.13** U.S.SAWS MAKES NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE US SAWS PRODUCTS SOLD PURSUANT THERETO.



WARRANTY AND SERVICE

TO ENSURE THE PROPER WARRANTY COVERAGE IS EXTENDED TO THE OWNER OF THIS MACHINE, FILL OUT THE ATTACHED CARD COMPLETELY AND ACCURATELY.

WARRANTY REGISTRATION CARD

IMPORTANT! To ensure that your U.S.SAWS machine is covered under warranty, please fill in the following information and mail or fax it to U.S.SAWS, 8004B E. Broadway Ave. Tampa, FL 33619, Fax No. 714-434-7299

COMPANY	
NAME	
ADDRESS	
NTENDED USE	
DATE OF PURCHASE	
NTENDED USE	
SERIAL NUMBER	

If you are not the owner of record as shown on the manual copy of the warranty registration card, do not operate this machine before contacting U.S.SAWS at 1-866-987-7297 Verify the following before operating the equipment:

CHANGE OF OWNER OR NEW ADDRESS REGISTRATION CARD

IMPORTANT! To ensure that your U.S.SAWS machine is covered under warranty, please fill in the following information and mail or fax it to U.S. SAWS, 8004B E. Broadway Ave. Tampa, FL 33619, Fax No. 714-434-7299

COMPANY	
NAME	
ADDRESS	
INTENDED USE	
DATE OF PURCHASE	
INTENDED USE	
SERIAL NUMBER	

