U.S.SAWS™

U.S.SAWS TRADITIONAL CORE DRILL WITH STAND

6-27-2025

CONTENTS

INTRODUCTION

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 Traditional Core Drill Machine & 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 traditional core drill is a fast, accurate and efficient way to drill holes in concrete and other materials. The core drill cores holes up to 16" in diameter. The drill is ideal for coring a range of materials including concrete, brick, and stone.

Disclosure
By purchasing and using the Traditional Core Drill you agree to release U.S.SAWS of any and all liability. Under no circumstances will U.S.SAWS be held liable for incidental or consequential damages resulting from the use of this product and/or defective parts or products associated with this product.

- It is the responsibility of the owner/user to ensure that the operating instructions have been read and understood by the operator before the operation of the equipment begins.
- It is the responsibility of the owner/user to understand and perform the maintenance and storage procedures as explained in the operating instructions.

Model	Core Pro HD-12	Core Pro HD-16
Capacity	up to 12"	up to 16"
Electrical Requirements	110V	110V
Cord Length	12'	12'
RPM	410/ 620/ 830	260/ 390/ 530
Package Size	27"x7"x14"	29"x9"x16"
Weight	65 lbs	75 lbs
Part Number	US28610	US28612

This tool creates an enormous amount of force.
Beware of crushing your fingers or other body parts.

SYMBOLS & DECALS

For Safe Operation

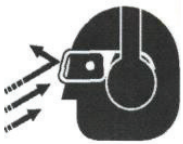
You must be qualified for safe operation of the U.S.SAWS Traditional Core Drill machine. You must clearly understand the written instructions supplied by U.S.SAWS, be trained - including actual operation - & know the safety rules & regulations for the job site. It is a safety practice to point out &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

Be Safe

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.



Always wear protective glasses or full face protection

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

Wear safety boots when operating this machine

SYMBOLS & DECALS

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

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

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

⚠ CAUTION

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.

Wear appropriate clothing

Wear hand protection

Wear proper electrostatic grounding equipment at all times.

Wear proper electrostatic grounding equipment at all times.

SAFETY INSTRUCTIONS

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.

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.

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

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

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

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.

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.

AVOID ANY AREAS OR ACTIONS THAT EXPOSE YOU TO CARBON MONOXIDE
Exhaust gas from gasoline engines contains dangerous carbon monoxide. Breathing it can cause unconsciousness and even kill you. Always operate gasoline engine machines in a well-ventilated area. 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.

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.

SAFETY INSTRUCTIONS

KEEP CHILDREN AND VISITORS AWAY
Do not allow anyone to stand in line with the blade path. Do not let children or visitors contact machine or extension cord. Keep children and visitors away from the work area.

KEEP FIRM GRIP ON MACHINE
During normal operation as instructed keep a firm hold on the handle grips and maintain control of the machine until the blade completely stops.

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

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.

DO NOT OVERREACH
Keep proper footing and balance at all times.

OBTAIN SAFETY DATA SHEET (SDS) 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 SDS information. Consult SDS sheet for hazards information. Be aware that some materials are explosive as a dust.

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.

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 engine.

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

DO NOT USE DRUGS, ALCOHOL, MEDICATION
Do not operate machine while under the influence of drugs, alcohol, or any medication.

KEEP THE RIGHT PARTS IN THE RIGHT POSITIONS
Do not operate machine with parts missing or improperly mounted.

CHECK DAMAGED PARTS
Verify all machine guards 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. A guard, power switch or other part that is damaged should be properly repaired or replaced by an authorized service center unless indicated elsewhere in this instruction manual. Do not operate machine if lever or engine on/off switch does not function properly.

SAFETY INSTRUCTIONS

SECURELY MOUNT ACCESSORIES TO THE MACHINE
Extra care must be taken an 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.

NEVER TOUCH THE MOVING PARTS
Never touch moving parts such as shaft and drill extensions.

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.

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.

LOAD AND UNLOAD SAFELY
Use proper heavy lifting procedures. Read & understand manuals before loading & unloading.

SAVE THESE INSTRUCTIONS
Refer to this operations and maintenance manual as well as any additional instructions included from other manufacturers and organizations.

This tool creates an enormous amount of force.
Beware of crushing your fingers or other body parts.

SAFETY INSTRUCTIONS

⚠WARNING

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*

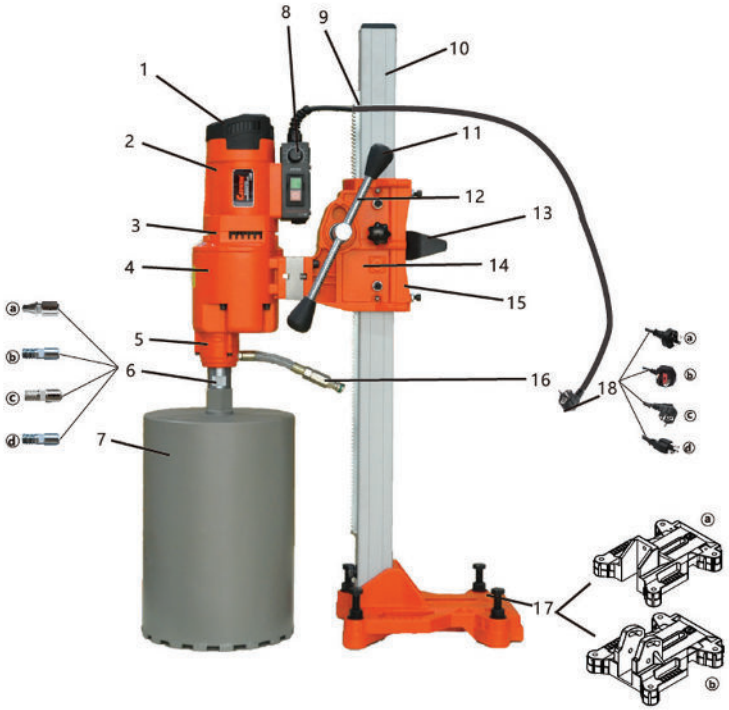
* National Toxicology Program, International Agency for Research on Cancer

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



1.Cover
2.Stator shell
3.Cover
4.Gearbox
5.Water seal
6.Spindle(a: Beijing thread; b, 1-1/4 " -3UNC; C: 1-1/4" -7UNC, d: 1-1/4" -7UNC G/1/2)
7.Core bit
8.Motor switch
9.Rack
10.Column
11.Handle
12.Rocking bar
13.Fitting
14.Lifter
15.Lifting cover
16.Hose tap
17.Base (a. normal stand b.angle adjustable bracket)
18.Plug (A.CN B.GB C.EP D.US)

OPERATION

Important Safety Instructions for Electric Tool Use
To avoid the risk of electric shock or fire, always follow proper safety procedures. Please read these instructions carefully before operating the tool, and keep them in a safe place for future reference.

1. Maintain a Clean Work Area
Keep your workspace clean and organized. A cluttered or chaotic environment increases the risk of accidents.

2. Prepare the Work Area Before Starting
Make sure the workspace is clean and dry before using the tool. Never use electric tools in the rain or near flammable materials.

3. Avoid Electric Shock
Do not touch grounded metal surfaces such as pipes, radiators, stoves, or similar items while operating the tool.

4. Keep Children and Unauthorized Persons Away
Keep children and anyone without proper training or knowledge away from the work area and away from electrical cords.

5. Store Tools Safely
When not in use, store electric tools in a dry, secure place, out of reach of children.

6. Avoid Overloading the Tool
Operate the tool only within its specified load limits to ensure peak performance and longevity.

7. Wear Appropriate Protective Clothing
Do not wear loose clothing or jewelry that can get caught in moving parts. Always wear:
- Ear protection
- Rubber gloves
- Slip-resistant footwear
- A safety helmet if you have long hair

8. Use Dust Extraction if Available
If the machine is compatible with a dust extraction system, connect it to reduce airborne debris and improve safety.

9. Handle the Power Cord Properly
Never use the power cord for lifting, pulling, or unplugging the tool. Keep the cord away from heat, oil, and sharp edges.

10. Maintain Proper Posture
Avoid awkward body positions or bending over excessively. Always maintain a stable stance and good balance.

11. Inspect and Maintain Your Tool Regularly
- Check the tool and power cable for damage before each use.
- Keep handles dry and free from oil or grease.
- Always follow the instructions when changing accessories or performing maintenance.

OPERATION

12. Unplug Before Maintenance
If the machine will not be used for an extended period, or before performing maintenance or changing the drill bit, always disconnect the power plug from the outlet.

13. Remove Spanner Before Operation
Ensure that no wrenches or spanners remain attached to the bit before starting the machine. Always remove adjustment tools after setup.

14. Prevent Accidental Start-Up
Never place your fingers on the switch when connecting the machine to a power source. Ensure the power switch is in the OFF position before plugging it in.

15. Use Outdoor-Rated Extension Cords
When operating the machine outdoors, only use extension cords that meet outdoor safety standards.

16. Operate Only When Fully Alert
Do not operate the tool if you are overly tired, under the influence of alcohol, or taking medication that impairs focus or coordination.

17. Use Correct Bit and Speed Settings
Select a compatible drill bit and use the appropriate gear or speed setting for the material being drilled. Always start the machine at full speed for optimal performance.

• If the drill shakes or vibrates during use, stop the machine immediately and check for misalignment between the bit and the spindle, as continued use may damage the equipment or create a safety hazard.

18. Use Only Original Accessories
For your safety, always use genuine factory-authorized accessories. Using non-original parts may result in personal injury or equipment damage.

INSTALLATION AND CONNECTION INSTRUCTIONS
Please follow the steps below to properly install and connect the diamond drilling machine. You may use additional tools as needed to complete the process safely and effectively.

Important: Before beginning any installation steps, ensure that the main power switch is turned OFF.

Step 1: Unpacking and Inspection
• Open the package and inspect the machine and all components.
• Check for any signs of damage during transportation.
• Confirm that the voltage at the job site matches the voltage listed on the machine's nameplate.
• Use the packing list to verify that all parts and accessories are included.

Step 2: Connecting the Power Source
• In accordance with EN61029 and IEC1029-2-6 safety standards, the diamond drilling machine must be connected to a properly grounded power outlet.
• A Residual Current Device (RCD) is included with the machine to protect against electric shock and under-voltage issues. The RCD has a leakage current rating of 30mA.
• After inserting the plug, ensure the RCD switch is in the ON position.
If there is a voltage drop, the RCD will automatically cut power. Once voltage is stable again, press the RESET button to restore operation.

OPERATION

WARNING: Do not operate the machine if the RCD is malfunctioning or does not reset properly.

Step 3: Connecting the Water Supply
• Use the provided flexible water inlet hose, which includes a quick-connect fitting, to connect the machine to the water supply system.
• Only use clean water. Do not allow grit or impurities in the water supply, as they may damage the machine's internal seal rings.
• The maximum allowable water pressure is 44 PSI.

Step 4: Safety Function Test
• Turn on the machine using the soft-start switch to ensure it powers on smoothly.
• Press the "TEST" button on the RCD to confirm it interrupts power correctly.
• After the test, press the "RESET" button to resume normal operation.

Do not immerse the RCD in water.
Perform regular function checks using the TEST button to ensure proper operation.
Never operate the diamond drilling machine without a functioning RCD.

1. Select a Suitable Diamond Bit - Standard is 1 1/4 - 7 Thread
The main shaft of our machine is compatible with four common thread types. Please select a high-quality, reliable diamond bit.

Choose a sharp bit with segments that are thicker than the wall of the core barrel. This extra clearance improves drilling performance, especially in multi-bit operations.

Apply waterproof oil or lubricant to the bit threads before installation to make future removal easier.

Ensure the bit runout (eccentricity) does not exceed 1 mm or 1/8" to avoid vibration or imbalance during drilling.

2. Secure the Drill Frame
There are several methods to secure the drill frame to the working surface:

A. Expansion Bolt Fixing (Recommended Method)
This is the most common and reliable method.

Use expansion bolts with a diameter of at least 12 mm (1/2").

Before installation, ensure that the surface and machine base are level. Use the included spanner to adjust the four leveling screws on the base until stable.

After securing, check that the machine is firmly fixed and the generator does not slide along the rack.

Lightly pull and push the support column to confirm the frame does not sway. A firm column ensures safe operation and accurate drilling.

Recommendation: We strongly advise using the expansion bolt method. For optimal support, place the bolts as close as possible to the direction of the support column.
Note: U.S.SAWS is not responsible for damage or accidents caused by improper or insecure mounting.

OPERATION

B. Vacuum Suction (Optional System)
Ensure the vacuum pump is working properly and that the sealing ring is intact with no damage or leaks.

Only use this method on smooth, non-porous surfaces where a vacuum can be maintained.

C. Support Stand
If using a support stand, confirm the setup is stable and secure before drilling.

3. Additional Precautions for Vertical Drilling
When drilling vertically upward, use a water collection basin to prevent water from entering the generator.

If the machine stops unexpectedly during use, do not immediately restart it.
First, check that the drill bit can rotate freely and is not jammed in the hole.

FRICTION CLUTCH
Clutch carries out protection under high-strength mechanical overload condition for operator, machine and bit. Please ensure clutch in a separation state goes off work to do do not exceed 3-4 second, because it will cause temperature rise quickly and causes wear for friction flat that time passes length.

MASTER SWITCH AND OVERLOAD PROTECTIVE DEVICE
After pressing switch, machine (soft start switch) starts smoothly. If machine is overload, its electron protects switch, will remind operator machine to be overload with exceptional fluctuation. If load does not be reduced , after some seconds of clocks, switch is closed voluntarily. Start again if remove load, machine will again start smoothly. When start machine again is former, ensure bit may turn freely is not blocked in drill hole. It will even burn out for that generator causes serious infringement if this machine highest compression is higher than 260 V for 260 V. When using generator to supply power , must notice that voltage peak value cannot be higher than 260 V.

GEAR SPEED ADJUSTMENT

There are various ranges to suit the bit size and work piece hardness. Choose the slowest speed for large diameter bits and hard materials. If when cutting the bit stalls repeatedly, then you must change to a lower gear. If you are already in the lowest gear and the bit stalls repeatedly, then you are using the machine over its maximum capacity.

MODEL NAME/ MACHINE NAME PLATE	WATT RATING	GEAR SPEEDS AND ESTIMATED BIT SIZE		
CorePro-12 / 930/3B	4650	L- 410/ 12”	M-620/ 8”	H- 830/ >6”
Core Pro-16 / 945/3B	5380	L-260/ 16”	M-390/ 12”	H-530/ >10”

MAINTENANCE

MAINTENANCE AND REPAIR
ATTENTION: You must remove the main plug from the supply socket before beginning any maintenance or repair work.

GENERAL CLEANING
•Clean the machine using a dry or slightly damp cloth.
•Do not use high-pressure water jets or submerge any part of the machine in water.
•Ensure no water enters the motor housing or switch box.
•Regularly inspect and clean the ventilation slots to maintain proper airflow.
•Clean and lightly grease the tool threads to prevent corrosion and ensure smooth operation.

OIL BATH GEAR MAINTENANCE
•The gear oil should be changed after approximately 300 hours of operation.
•This service should be performed at a certified service center, or follow these steps:

Steps to Change Gear Oil:
1. Clamp the machine vertically in a vise.
2. Remove the three hex socket screws.
3. Detach the motor and intermediate cover.
4. Drain and replace the gear oil using original manufacturer-approved oil only.
    - Filling quantity: 300–310 ml
5. Reassemble the machine in reverse order, ensuring the shim ring is properly placed on the front shaft.

ATTENTION: If you notice gear oil leaking, stop the machine immediately. Operating the machine with an oil leak can cause severe damage to the gear system.

WATER CONNECTION
• If water leaks from the overflow hole on the water connection ring, the rotary shaft seals must be replaced immediately.
• This repair should be performed only by an authorized service center.

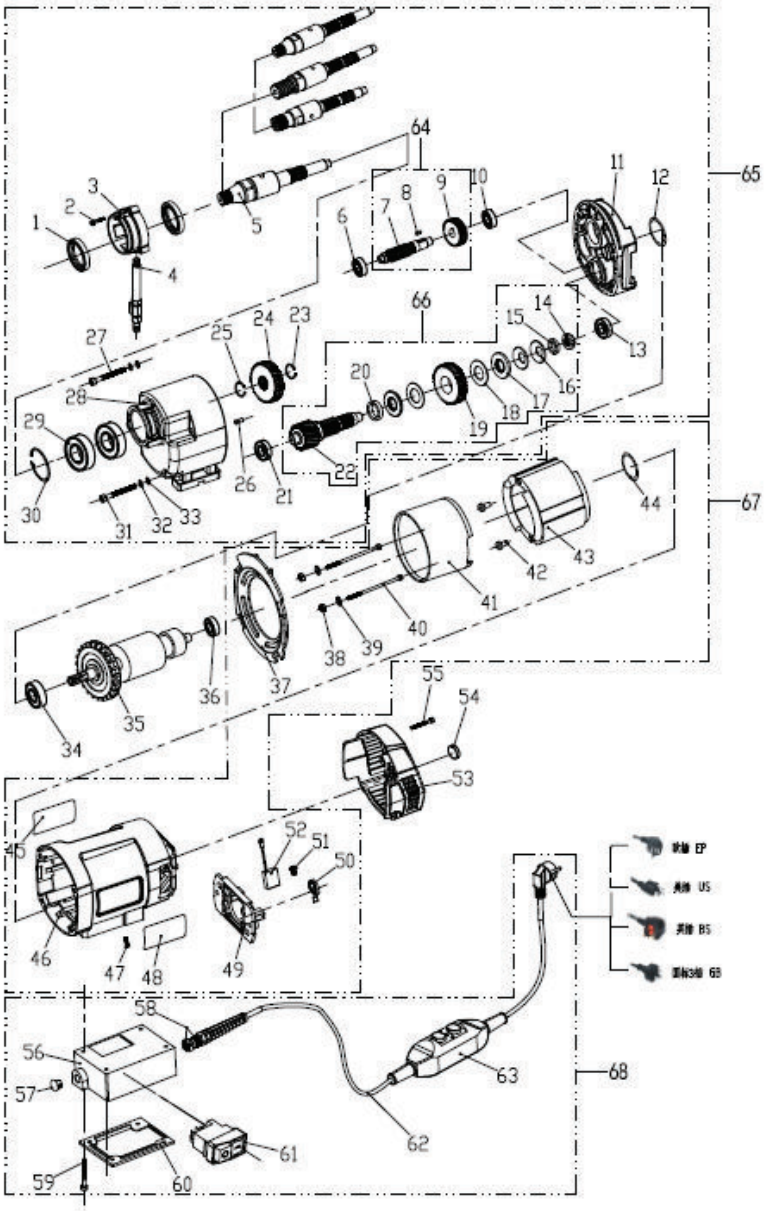
CARBON BRUSH MAINTENANCE
• Inspect the carbon brushes for wear after approximately 300 hours of use.
• Replace them if they are worn down to the specified minimum length.

PARTS

NO.	Parts name	QTY
1	Water seal 40 * 50 * 7	2
2	Hegonal screw M5 * 18	3
3	Water cirde 200C	1
4	Hose faucet 200A-EU	1
5	Spindle KF-200	1
6	Bearing 6201	1
7	Class I tooth axis 180-2	1
8	Marketing 4 * 10	1
9	Class I gear 200C-1(8)	1
10	Bearing 6201	1
11	Middle cover 200C-1	1
12	O-ring φ 34.5 * 2.65	1
13	Bearing 6201	1
14	Nut 200	1
15	Iron Ring 200-2	1
16	Curved bullet pad 200A	2
17	Flesh iron 200A	2
18	Separation film 200A	2
19	Class II gear 180-3	1
20	Ring 250	1
21	Bearing 6201	1
22	Class II tooth axis 180-4	1
23	Card 22	1
24	Spindle gear 250-5	1
25	Card 24	1
26	Cylinder pin 4 * 12	1
27	Hegonal screw M6 * 85(half tooth)	2
28	Gear box 200C-1	1
29	Bearing 6005	2
30	Inner card 47	1
31	Hegonal screw M6 * 110(half tooth)	2
32	Pad M6	4
33	Pad M6	4
34	Bearing 6202	1
35	Rotor OND-920	1
36	Bearing 6201	1
37	Breeze 200C	1
38	Loose nut M5	2
39	Pad M5	2
40	Hegonal screw M5 * 105(half tooth)	2
41	Interior 200C	1
42	Insulation sleeve 200A	2
43	Stator OND-920	1
44	O-ring φ 38 * 3.1	2
45	Business Sign 200C	1
46	Stator hull 200C	1
47	Cross level screw M4 * 8	1
48	Parameter card OND(58.5 * 36.5)	1
49	Brush frame 200C	1
50	Bypass 200A	2
51	Round Head Cross Screw M4 * 8(Copper)	2
52	Carbon Brush 200A	2
53	Cover 200C	1

NO.	Parts name	QTY
54	Horizontal 15 * 8	1
55	Hegonal screw M4 * 10	2
56	Switch Box 200A-FS	1
57	Button head SKT-10	1
58	Fold proof connector M16 * 1.5	1
59	Hegonal screw M4 * 45(half tooth)	4
60	Switch Box Cover 200A-FS	1
61	Electromagnetic switch KJD17	1
62	Power cord 3 * 1.0 * 3.5 M	1
63	Leakage protector PD16	1

PARTS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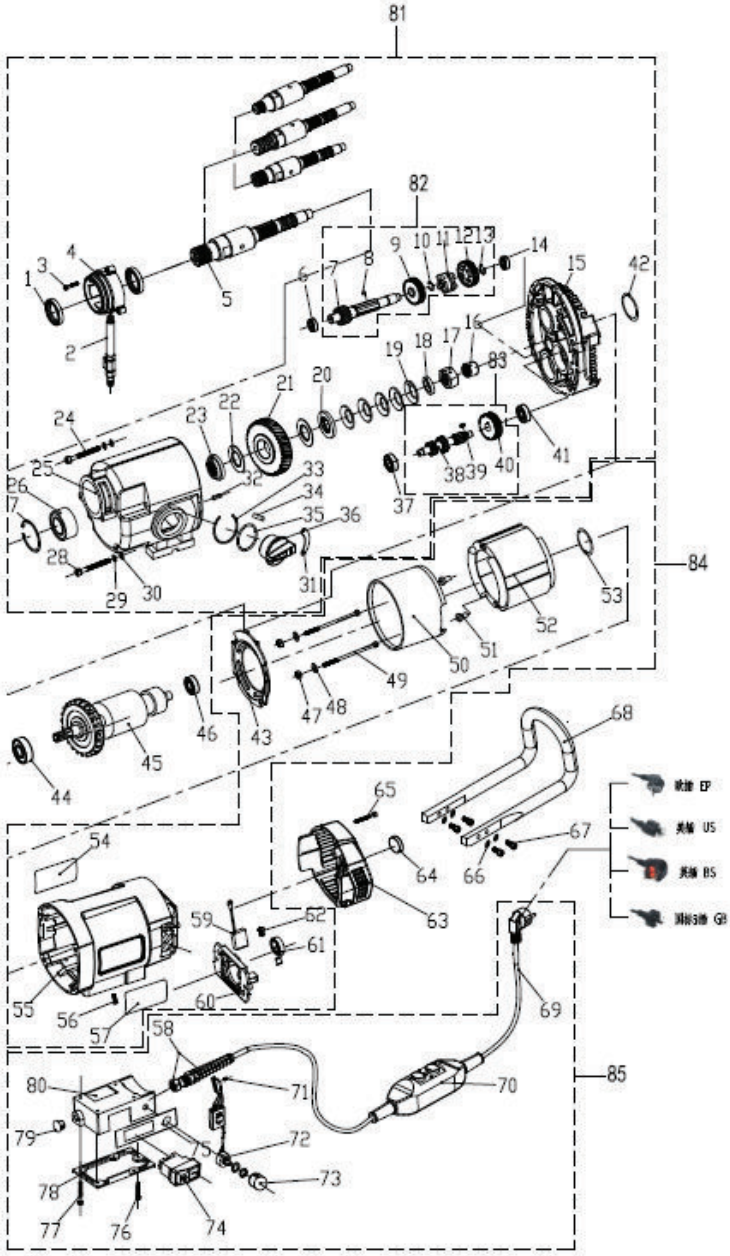
PARTS

NO.	Parts name	QTY
1	Water seal 40 * 50 * 7	2
2	Hose faucet 200A-EU	1
3	Hegonal screw M5 * 18	3
4	Watershed 250C	1
5	Main axis 230 tune	1
6	Bearing 6202	1
7	Class II tooth axis 250A/3 -6(12)	1
8	Ball head plunger M8 * 15	1
9	Type II High Speed Gear 250A/3 -5	1
10	Stop Ring 18	1
11	Class II sliding gear 250A/3 -4	1
12	Type II low-speed gear 250A/3 -3	1
13	Card 16	1
14	Bearing 6201	1
15	Middle cover 250C	1
16	Roller bearings BAM1212	1
17	Nut 200A	1
18	Ring 250	1
19	Curved bullet pad 200A	5
20	Flesh iron 200A	2
21	Host gear 250A-5(12)	1
22	Separation film 200A	2
23	Hand-key pad 250A	1
24	Hegonal screw M6 * 125(half tooth)	2
25	Gear box 250C	1
26	Bearing 3205	1
27	Inner card 52	1
28	Hegonal screw M6 * 135(half tooth)	2
29	Pad M6	4
30	Pad M6	4
31	File plate 300A/3	1
32	Cylinder pin 4 * 12	1
33	Stop ring φ 40	1
34	Cylinder pin 5 * 28	1
35	O-ring φ 42 * 3.1	1
36	Dialing knob 250C	1
37	Bearing 6201	1
38	Class I tooth axis 250A/3 -2	1
39	Marketing 4 * 10	1
40	Class I gear 250C-1(8)	1
41	Bearing 6201	1
42	O-ring φ 34.5 * 2.65	1
43	Breeze 200C	1
44	Bearing 6202	1
45	Rotor OND-935 / 3E	1
46	Bearing 6201	1
47	Loose nut M5	2
48	Pad M5	2
49	Hegonal screw M5 * 105(half tooth)	2
50	Interior 200C	1
51	Insulation sleeve 200A	2
52	Stator OND-935 / 3E	1
53	O-ring φ 38 * 3.1	1

NO.	Parts name	QTY
54	Business Sign 200C	1
55	Stator hull 200C	1
56	Cross level screw M4 * 8 white	1
57	Parameter card OND(58.5 * 36.5)	1
58	Fold proof connector M16 * 1.5	1
59	Carbon Brush 200A	2
60	Brush frame 200C	1
61	Bypass 200A	2
62	Round Head Cross Screw M4 * 8(Copper)	2
63	Cover 200C	1
64	Horizontal instrument φ 15 * 8	1
65	Hegonal screw M4 * 10	2
66	Pad M5	4
67	Hegonal screw M5 * 10	4
68	Curved handle 200D	1
69	Power cord 3 * 1.5 * 3.5 M	1
70	Leakage protector PD16	1
71	Round Cross Screw M4 * 10	1
72	Governor SCY20504050(A)	1
73	Speed control knob KN-8D	1
74	Electromagnetic switch KJD17	1
75	Speed adjustment label SCY	1
76	Hegonal screw M4 * 25	1
77	Hegonal screw M4 * 50(half tooth)	4
78	Switching box cover 200A-T-FS	1
79	Button head SKT-10	1
80	Switch Box 200A-T-FS	1

PARTS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WARRANTY

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.

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.

Warranty Policy

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.

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.

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 .

Warranty request must be submitted in writing within thirty (30) days after failure.

Written authorization to return merchandise under warranty must first be obtained from U.S.SAWS .

U.S.SAWS reserves the right to inspect and make the final decision on any merchandise returned under warranty.

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.

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.

The above warranty conditions can only be altered by US SAWS. US SAWS must confirm alterations in writing for each specific transaction.

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.

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.

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.

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.