

VIBRATORY ROLLER

Model: SQRDL61

OPERATING INSTRUCTIONS



CAUTION: Read safety and operating instructions carefully before using this equipment for the first time! And keep this manual for future reference

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- 5.14.1 With the engine still operating, adjust the engine speeds to 2800 rpm by the throttle wrench.
- 5.14.2 Start the engine and adjust the top engine speeds to 2800 rpm

!Note: The engine must be in maximum speed when vibration started.

5.15 Storage

If the unit is to be stored for more than 30 days:

- Drain the fuel tank and the water tank. Also drain the rear drum, if ballast was added.
- Open the water valves and drain the water from the sprinkling system.
- · Change the engine oil.
- Remove any dirt from the cooling fins on the engine cylinders and on the blower housing.
- Remove the battery from the machine and charge it periodically.
- · Cover the entire machine and place it in a dry, protected area.

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1. Foreword

Thanks for purchasing our product!

This manual provides information and procedures to safely operate and maintain this model. For your own safety and protection from injury, carefully read, understand and observe the safety instructions described in this manual.

Keep this manual or a copy of it with the machine. If you lose this manual or need an additional copy, please contact our Corporation. This machine is built with user safety in mind; however, it can present hazards if improperly operated and serviced. Follow operating instructions carefully! If you have questions about operating or servicing this equipment, please contact our Corporation. The information contained in this manual was based on machines in production at the time of publication. Our Corporation reserves the right to change any portion of this information without notice. All rights, especially copying and distribution rights are reserved. No part of this publication may be reproduced in any form or by any means, electronic or mechanical, including photocopying, without express written permission from our Corporation. Any type of reproduction or distribution not authorized by our Corporation represents an infringement of valid copyrights and will be prosecuted. We expressly reserve the right to make technical modifications, even without due notice, which aim at improving our machines or their safety standards.

2. Safety Information

This manual contains DANGER, WARNING, CAUTION, and NOTE callouts which must be followed to reduce the possibility of personal injury, damage to the equipment, or improper service.

5.12 Changing Hydraulic Oil & Filter

All oils eventually shear or thin out with use, reducing their lubricating ability. In addition, heat, oxidation, and contamination may cause the formation of sludge, gum, or varnish in the system. For these reasons, it is important to change the hydraulic oil at specified intervals. See Maintenance Schedule.

- 5.12.1 Remove the filler cap from the top of the hydraulic tank.
- 5.12.2 Remove the drain plug and allow the hydraulic fluid to drain.

Note: In the interests of environmental protection, place a plastic sheet and a container under the machine to collect any liquid which drains off. Dispose of this liquid in accordance with environmental protection legislation.

5.12.3 Open the backflow filter, change the filter element

- 5.12.4 Installation the oil drain plug
- 5.12.5 Pour the clean hydraulic oil to the hydraulic oil tank through the oil filter

5.13 Bleeding the Hydraulic System

- 5.13.1 Idle the engine 5–10 seconds, this will allow oil to fill inlet lines.
- 5.13.2 Place the forward/reverse control lever in NEUTRAL. Start the engine and run the machine at idle for 3–4 minutes.
- 5.13.3 With the engine still running at idle, move the control slowly back and forth from forward to reverse for a short time to bleed air trapped in the drive circuit.
- 5.13.4 Increase the engine speed, and operate all controls to bleed the remaining air from the hydraulic lines.
- 5.13.5 Check the hydraulic oil level and add oil as required.

5.14 Throttle Solenoid Adjustment

CHANGE the hydraulic filters and oils at the recommended service intervals.

5.9 Hydraulic Oil Requirements

WE recommend the use of a good petroleum-based, anti-wear hydraulic oil in the hydraulic system of this equipment. Good anti-wear hydraulic oils contain special additives to reduce oxidation, prevent foaming, and provide for good water separation. When selecting hydraulic oil for your machine, be sure to specify anti-wear properties. Most hydraulic oil suppliers will provide assistance in finding the correct hydraulic oil for your machine.

Avoid mixing different brands and grades of hydraulic oils.

Most hydraulic oils are available in different viscosities.

The SAE number for an oil is used strictly to identify viscosity—it **does not** indicate the type of oil (engine, hydraulic, gear, etc.).

When selecting a hydraulic oil be sure it matches the specified SAE viscosity rating and is intended to be used as a hydraulic oil. See Technical Data—Lubrication.

5.10 Hydraulic Oil Level

A hydraulic oil level sightglass is located near the bottom left side of the machine below the engine compartment.

Check that the hydraulic oil level is visible in the sightglass. If it is not, add oil through the filler port inside the engine compartment. Use only clean hydraulic oil.

Thoroughly clean the top of the filler cap before removing it from the tank. Care should be taken to prevent smaller dirt particles from entering the system.

If hydraulic oil continually needs to be added, inspect the hoses and connections for possible leaks.

5.11 Suction Filter

A hydraulic filter is located in the hydraulic tank. This filter will not normally require service and does not need to be replaced when changing the hydraulic oil.



NOTE is the safety alert symbol. It is used to alert you to potential

NOTE personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.



DANGER indicates a hazardous situation which, if not avoided,

DANGER will result in death or serious injury.



WARNING indicates a hazardous situation which, if not avoided,

WARNING could result in death or serious injury.

CAUTION indicates a hazardous situation which, if not avoided,

CAUTION could result in minor or moderate injury.

CAUTION: Used without the safety alert symbol, CAUTION indicates a potentially hazardous situation which, if not avoided, may result in property damage.

Note: Contains additional information important to a procedure

2.1 Operating Safety



WARNING equipment. Equipment operated improperly or by untrained personnel can be dangerous. Read the operating instructions contained in both this manual and the engine manual and familiarize yourself with the location and proper use of all controls. Inexperienced operators should receive instruction from someone familiar with the equipment before being allowed to operate the machine.

- 2.1.1 ALWAYS disengage and stow the locking bar for the articulated steering joint before operating the machine. The machine cannot be steered when the locking bar is engaged.
- 2.1.2 ALWAYS check that all controls are functioning properly immediately after start-up!
- DO NOT operate the machine unless all controls operate correctly.
- 2.1.3 ALWAYS remain aware of changing positions and the movement of other equipment and personnel on the job site.
- 2.1.4 ALWAYS remain seated at all times while operating the machine.
- 2.1.5 ALWAYS remain aware of changing surface conditions and use extra care when operating over uneven ground, on hills, or over soft or coarse material. The machine could shift or slide unexpectedly.
- 2.1.6 ALWAYS use caution when operating near the edges of pits, trenches or platforms. Check to be sure that the ground surface is stable enough to support the weight of the machine with the operator and that there is no danger of the roller sliding, falling, or tipping.
- 2.1.7 ALWAYS wear protective clothing appropriate to the job site when operating equipment.
- 2.1.8 ALWAYS keep hands, feet, and loose clothing away from moving parts of the machine.
- 2.1.9 ALWAYS read, understand, and follow procedures in the Operator's Manual before attempting to operate the equipment.
- 2.1.10 ALWAYS store the equipment properly when it is not being used. Equipment should be stored in a clean, dry location out of the reach of children.
- 2.1.11 ALWAYS operate the machine with all safety devices and guards in

necessary.

!Note: Shock absorptions protect the machine from severe vibration. Do not operate the machine if the shock absorptions are broken, or other parts of the machine will be damaged.

5.8 Hydraulic System Cleanliness

Keeping the hydraulic oil clean is a vital factor affecting the service life of hydraulic components. Oil in hydraulic systems is used not only to transfer power, but also to lubricate the hydraulic components used in the system. Keeping the hydraulic system clean will help avoid costly

Major sources of hydraulic system contamination include:

- 1 Particles of dirt introduced when the hydraulic system is opened for maintenance or repair
- 2 Contaminants generated by the mechanical components of the system during operation
- 3 Improper storage and handling of hydraulic oil
- 4 Use of the wrong type of hydraulic oil
- 5 Leakage in lines and fittings

To minimize hydraulic oil contamination:

CLEAN hydraulic connections before opening the lines. When adding oil, clean the hydraulic tank filler cap and surrounding area before removing it.

AVOID opening the pumps, motors, or hose connections unless absolutely necessary.

PLUG or cap all open hydraulic connections while servicing the system.

CLEAN and cover the containers, funnels, and spouts used to store and transfer the hydraulic oil.

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Note: In the interests of environmental protection, place a plastic sheet and a container under the machine to collect any liquid which drains off. Dispose of this liquid in accordance with environmental protection legislation.

Re-insert the drain screw and washer and tighten the screw securely. Fill the engine with the recommended oil to the upper limit mark on the dipstick. See Technical Data for correct oil type and amount.

Burn hazard! Care must be taken when draining hot engine oil.

WARNING Hot oil can burn!

5.5 Scraper Bars

Scraper bars, located in front of and behind each drum, are used to prevent dirt and asphalt from sticking to and accumulating on the drum surface. These bars must be adjusted periodically as they wear.

Check that the scraper bar has a slight deflection where it contacts the drum, and readjust as necessary.

Note: A large deflection of the scraper bar indicates excessive preloading of the rubber shock mounts, which will result in premature scraper wear.

5.6 Grease Fittings

5.6.1Articulated Joint: The articulated joint is equipped with grease fittings for lubrication.

5.7 Shock absorption

Check shock absorptions whether break, crack or tear every 300hr. Replace new ones if

place and in working order.

- 2.1.12 NEVER allow anyone to operate this equipment without proper training. People operating this equipment must be familiar with the manual.
- 2.1.13 NEVER touch the engine or muffler while the engine is on or immediately after it has been turned off. These areas get hot and may cause burns.
- 2.1.14 NEVER use accessories or attachments that are not recommended by ROADWAY. Damage to equipment and injury to the user may result.
- 2.1.15 NEVER leave machine running unattended.
- 2.1.16 NEVER operate the machine with the fuel cap loose or missing.
- 2.2 Operator Safety While Using Internal Combustion Engines



Internal combustion engines present special hazards during

DANGER operation and fueling. Read and follow the warning instructions in the engine owner's manual and the safety guidelines below. Failure to follow the warnings and safety guidelines could result in severe injury or death.

- 2.2.1 DO NOT smoke while operating the machine.
- 2.2.2 DO NOT smoke when refueling the engine.
- 2.2.3 DO NOT refuel a hot or running engine.
- 2.2.4 DO NOT refuel the engine near an open flame.
- 2.2.5 DO NOT spill fuel when refueling the engine.

2.2.6 DO NOT run the engine near open flames.

- 2.2.7 DO NOT run the machine indoors or in an enclosed area such as deep trench unless adequate ventilation, through such items as exhaust fans or hoses, is provided. Exhaust gas from the engine contains poisonous carbon monoxide gas; exposure to carbon monoxide can cause loss of consciousness and may lead to death.
- 2.2.8 ALWAYS refill the fuel tank in a well-ventilated area.
- 2.2.9 ALWAYS replace the fuel tank cap after refueling.
- 2.2.10 ALWAYS keep the area around a hot exhaust pipe free of debris to reduce the chance of an accidental fire.

2.3 Service Safety

Poorly maintained equipment can become a safety hazard! In

WARNING order for the equipment to operate safely and properly over a long period of time, periodic maintenance and occasional repairs are necessary.

- 2.3.1 DO NOT attempt to clean or service the machine while it is running. Rotating parts can cause severe injury.
- 2.3.2 DO NOT use gasoline or other types of fuels or flammable solvents to clean parts, especially in enclosed areas. Fumes from fuels and solvents can become explosive.
- 2.3.3 DO NOT modify the equipment without the express written approval of the manufacturer.
- 2.3.4 ALWAYS check all external fasteners at regular intervals.
- 2.3.5 ALWAYS keep the area around the muffler free of debris such as

1) Replace the engine oil

Exhaust oil when oil is still warm. Tighten the plug and fill in oil.

- 2) Replace hydraulic oil
- Exhaust oil when hydraulic oil is still warm. Clean the inner of the tank and fill in the hydraulic oil to the level. Start up engine and idle 2-5 minutes then turn off engine and check oil lever again, fill in to the level if oil level is low. 3) Fill butter to pin roll and joint parts of hydro-cylinder.
- 5.2 Fill hydraulic oil water and lubricant
- 5.2.1 General rule
- 1) Do not discharge filter screen when filling water and oil to avoid litter in.
- 2) Use recommended lubricant and hydraulic oil.
- 3) Do not use different brand lubricant and hydraulic oil.
- 4) Discharge oil completely and clean it before filling new oil.
- 5.2.2recommended lubricant
- 1) Engine oil API CH lubricant
- 2) Hydraulic oil Anti-friction VG46
- 3) Lubricating grease Anti-high-temperature Lithium base grease
- 4) Fuel oil Diesel oil

5.3 Fuel Filter

Change the in-line fuel filter once per year. Check the fuel lines and fittings daily for cracks or leaks. Replace as needed.

Turn the engine off and allow the engine to cool before replacing the fuel filter.

5.4 Lubricant Oil

Drain the lubricant oil while the oil is still hot. Remove the filler cap drain screw, and washer. Drain the oil into a suitable container.

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Notes: Regular maintenance machine can make the machine always maintain the best state.

Notes: The new machine is running around 250 hours need to exchange engine oil.

Every month to check, maintain the electrical wires.

1) Check the wire is damage or not.

2) Check the wire is loose or not

3) Check whether the normal work of electrical apparatus

5.1 Routine maintenance

5.1.1 Every 10 hours in maintenance

1) Engine oil

The engine is placed in a horizontal position, check the engine oil level, if the oil level is not

between the scales, please add

2) The fuel tank

Check fuel liquid surface height

5.1.2. Every 50 hours in maintenance

1) Hydraulic oil

Observe the height of liquid level in the oil level indicator, and it should above the middle of

the oil level indicator. If the oil is not enough, please add oil by the oil filter.

Battery

Observe the state of battery, and confirm that if need to change new one

The fastening bolts if loose or not, if loose, please fastens.

5.1.3 Every 100 hours in maintenance

1) Clean the fuel filter

2) Clean the air filter

5.1.4 Every 200 hours in maintenance

1) Please replace the hydraulic oil filter

2) Add the grease to vibratory steel rollers

5.1.5 Every 500 hours in Maintenance

leaves, paper, cartons, etc. A hot muffler could ignite the debris and start a fire.

- 2.3.6 ALWAYS replace worn or damaged components with spare parts designed and recommended by ROADWAY Corporation.
- 2.3.7 ALWAYS disconnect the spark plug on machines equipped with gasoline engines, before servicing, to avoid accidental start-up.
- 2.3.8 ALWAYS keep the machine clean and labels legible. Replace all missing and hard-to-read labels. Labels provide important operating instructions and warn of dangers and hazards.
- 2.3.9 ALWAYS switch off the power supply at the battery disconnect before adjusting or maintaining the electrical equipment.
- 2.3.10 ALWAYS do Periodic Maintenance as recommended in the Operator's Manual.

2.4 Safety Labels

Our machines use international pictorial labels where needed. These labels are described below:

Ref.	Label	Meaning
A		CAUTION! Read and understand the supplied Operator's Manuals before operating this machine. Failure to do so increases the risk of injury to yourself or others.
В	I	CAUTION! Lifting point
С		Hydraulic oil reservoir level

D		Hydraulic oil reservoir fill tube
E		Hydraulic oil drain
F		DANGER! Before fueling, stop the engine. No sparks, flames, or burning objects near the machine.
G	<u>niturtiliti</u>	WARNING! Hot surface!
Н		Gas level
I		CAUTION! Lifting point

3. Machine Structure and Technical Data

3.1 Machine Structure

Rotate the button clockwise to loose the Emergency button. Refer to the related section of "Restart engine" if restarting engine.

4.4.6 Rollover prevention device

The machine is fitted with a Roll Over Protection Structure (ROPS).

The machine is normally delivered to the customer with the ROPS folded forward to facilitate transport.

Do not operate the machine without Rollover prevention device(ROPS).

! Note: Do not use the ROPS to lift the machine. Check set bolts of Roll over Protection Structure every month.

4.4.7 Lifting and transportation

Lock the fix plate of machine frame to avoid swing before lifting, then lift the machine by four lifting holes.

Block front and rear wheels to avoid slipping when the machine in transport vehicles. Fasten riggings to the drift bolts front and rear when connected to transport vehicle.

! Danger: The ramp for loading machine must be solid, stable and with strong carrying capacity to make sure the safety to other persons. Fasten the machine to avoid rolling or turning over. Never stand under the lifting machine. When transport or lift the machine use the appropriate tool of rope lock, fix the front and rear racks with hinge pins.

! Careful: The brake must be unengaged before pulling machine.
CAUTION: Do not tow the roller long distances or at speeds greater than 3–5 km/h (2–3 mph). Damage to the drive motors may occur.

Stir up scraping fender when transporting machine, which can prolong the using time.

! Note: Disconnect the positive wire of battery storage to avoid it's self-discharging automatically during long-distance transport.

5. Maintenance and Repair Periodically

be caused if the machine vibrates without running.

The vibration should be started after direction confirmed.

The preselect "forward and reverse" simultaneously or "front wheel" vibration mode should

be done after vibration stopped.

Vibration must be stopped before stopping running the machine.

! **Careful:** The vibration should not be done on hard ground (such as frozen surface, cement surface).

! Danger: Always check the vibration effects to the buildings around and underground pipeline (gas, water, sewage and power line) before vibrating, stop vibrating if necessary.

4.4.4 Water sprinkle system

Rotate "Pressure spray system switch" to control the start and stop spray system. The water pump supplies high pressure water, sprayer makes water atomization and sprays to steel wheels.

! Note: Timer controls spraying time and interval spraying time. They can be turned according to work site condition. The details please refer to the Timer relay manual.

"Water level indicator" displays water volume.

4.4.5 Emergency stop

Push down this button to stop machine urgently.

! Danger : Push down the Emergency button when meeting urgent dangerous things. Restart the machine after all the urgent dangerous things resolved.

! Careful: The Emergency button could not used as normal brake. The more frequency use will be easy damaged because the brake is multiple-piece which is easy to be worn down.

! Note: The engine is stalled and brake is combinated.







speed is only changed by Travel control lever not by throttle.

• Forward or reverse.

The speed is in proportion to displacement of travel control lever.

! Careful: The travel control lever should be paused in "0" position for a short while before changing new direction. The action should not be too tough! The travel control lever controls the speed of the machine. Remove the control lever to the NEUTRAL position slowly to brake the machine during operating on the slope. During climbing up the slope, put the control lever toward NEUTRAL position slightly if the engine speed slows down, put the control lever to low speed if necessary.

Parking/brake

Put the travel control lever to "0" position slowly.

! Note: The parking brake will be closed automatically after engine off, if the engine is on, push down the "brake" button, and then the parking brake can be closed automatically.

Stalling of engine

Rotate "Ignition key" to "OFF" position and pull out it.

! Note: Do not stall the engine suddenly if the engine run in full-speed operation. Make engine run in idle speed for a short while and then stall it. The parking brake will be closed automatically after engine off.

4.4.3 Vibration

Start vibration

Push down "Vibration button".

• Stop vibration

Push down "Vibration button" again.

Preselected vibration

Preselect vibration model by Single/Double vibration hand lever.

! Note: The vibration should be started during engine runs in full-speed. The impression will

"START" position.

! Careful: The longest starting process is not allowed to over 20 second and could not be broken off. Pause more than one minute to begin second starting. If twice starting is failure, check fault diagnosis at once.

• Put Ignition key switch to "ON" position at once after engine started.

! Careful: The engine idle running time can not be over 10 minute if it is preheated in short time.

• Rotate engine throttle anticlockwise to Smallest rotate speed position to make engine run.

4.4.2 Running

! Danger

- The wet and loose soil in slope will reduce the adhesive force between machine and road surface.
- The climbing ability will be weakened by soil condition and weather.
- Do not operate the machine on the slope over the climbing ability.
- Make sure the working area are safe before operating.

• When operating on slopes or hills special care must be taken to reduce the risk of personal injury or damage to the equipment. Always operate the machine up and down hills rather than from side to side. For safe operation and for protection of the engine, continuous duty use should be restricted to front/rear slopes of 17° (30% grade) or less. NEVER operate machine on side slopes. The machine may roll

• Throttle switch

While operating the machine, run it at full throttle. To run the machine at full throttle, press and release the throttle switch. This ensures maximum travel speeds and will produce the best compaction results. Operating the machine at slower engine speeds will reduce compaction, slow down machine functions, and damage hydraulic components.

! Note: To make sure the engine be in maximum speed during running and vibrating. The running



Ref.	Description	Ref.	Description
1	Front wheel	23	Mud scraping board
2	Mud scraping board	24	Vibration motor
3	headlamp	25	Engine air filter
4	Machine cover	26	Battery
5	Steering system	27	Tow hook
6	Rigger for preventing rollover	28	Water spraying pipe assembly
7	Seat	29	Assistant tank of cooling lquid
8	Water filling	30	Fuel filling port

9	Water tank	31	Oil return filter
10	Rear frame	32	Fuel filter assembly
11	Driving motor	33	Oil-water separator
12	Mud scraping board	34	Fuel pump
13	Single/Double vibration switch	35	Muffler assembly
14	Electrical fuse box	36	Scraper pin
15	Front frame	37	Radiator
16	Traveling control level	38	Hydraulic oil filling port
17	Rear lamp	39	Hydraulic oil indicator
18	Mud scraping board	40	Fuel drain port
19	Rear wheel	41	Hydraulic oil drain port
20	Throttle controller	42	Exhaust outlet
21	Locking fixed plate		
22	Steering hinge joint assembly		

3.2 Machine outline dimension

pressurized-water from water pump atomized in spray-head and sprinkled to wheel surface.

(12) Brake button

Push down this button during power on, the brake solenoid valve will be actuated, then the machine can not forward and reverse.

(13) Timer

Control the spaying time.

(14) Vibration switch

Push down vibration switch, vibration solenoid valve will be actuated, then vibration function

will begin.

(15) Running control lever

It is used to control the speed and direction forward and reverse

(16) Fuse box

(17) Ignition key switch

It is used to starting/stopping engine.

(18) Throttle switch

It is used to control the revolution of engine.

(19) Change lever for single/Double vibration modes

It is used to control the vibration.

4.4 Operation introduction

4.4.1 Starting

- Adjust seat according to operator's request and seat on it.
- Check "Running control lever" is in neutral position.
- Check " Emergency button" is not engaged.
- Put "Ignition key switch" to "ON" position.
- The "oil pressure alarm light" buzzes and flickers.

• If engine started in low temperature, rotate "Ignition key switch" to "HEAT" position clockwise, restart engine after 5 second.

! Note:

The Preheat indicator light will buzz and flicker during preheated working

- Start within 14 second after indicator light turn off.
- The starting motor will make engine rotate after the Ignition key switch rotated to

- 13, Timer relay 14, Vibration switch 15, Travel control lever 16, Fuse box
- 17、Ignition key switch 18、Throttle switch 19、Handle for odd-or even vibration
- 20、Water system filler 21、Water level display list
 - 4.3.1 Function declaration
 - (1) Voltage

The machine voltage is 12V, the voltage will be a little higher than 12V, if it is under 12V, check circuit and storage battery.

(2) Water temperature alarm

Water alarm will warn if the coolant' temperature is too high, stop operating the machine, and check the coolant(antifreeze)

(3) Timer

The timer will start working from the time of engine started, it will stop working after engine stopped. The regular maintenance could be carried out according the timer.

(4) Preheat indicator light

Rotate "Starting key switch" clockwise before starting engine, then the Preheat indicator light will flicker and buzz. Preheat engine 5 seconds before starting it if engine is cold.

(5) Oil level gauge

It is used for displaying the oil volume in fuel tank.

- (6) Front light switch
- It is used for controlling the on-off of the front light.
- (7) Rear light switch
- It is used for controlling the on-off of the front light.
- (8) Engine oil alarm light

If the light alarms, check the oil volume in engine by Vernier gause), fill enough if lacked.

(9) Brake alarm light

The light will flicker and buzz after pushing down this button during power on.

(10) Emergency button

All the working containing forward-back walking, vibration and engine will be stopped after pushing down this button.

(11) Water spay switch

It is used for starting and stopping of spraying function. This function realized by the



.

Size	А	В	С	D	Е	H1	H2
mm	1760	1200	2490	700	1310	1706	2465

3.3 Main technical data

Weight		
Working weight	kg	2900
Static load forward/back	N/cm	125/115
Running characters		
Working speed	km/h	0-6.5
Max. Walking speed	km/h	0-12
Climbing Capacity no vibration/under vibration	%	40/30
Turning radius	mm	2600
Driving		
Engine type		Yanmar 3TNV88
Cooling mode		Water-cooling
Cylinder No.		3
Rated power	kw(hp)	26.9(36.6)

Rated speed	rpm	3000
Fuel consumption	g/kwhr	263
Electrical system	V	12
Storage battery	V/AH	12/70
Driving system		Hydraulic drive
Driving wheel		Front/ Back
Brake		
Walking brake		Hydraulic drive
Vibration system		
Driving system		Hydraulic drive
Frequency	Hz	60
Amplitude	mm	0.5
Exciting	kN	2X30
Vibration wheel		Front/Rear
Water sprinkler system		
Mode		Pressure sprinkle
Control type		Pulsed spray type
Volume		
Diesel tank	L	40
Water tank	L	200
Engine oil	L	6.7

3.4 Lubricating point

Item No. RWYL61B High wear-resistant hydraulic oil		
Lubricant		
Lubricating oil type	Suggest API-CH-4and above	
Hydraulic oil	High wear-resistant hydraulic oil	
Llings joint of front and back from	Oil nipple	
Hinge joint of nont and back frame	Portable grease gun	

4. Display panel and operation introduction

4.1 Application

This machine is designed as a lightweight roller to be used in the compaction of sub layers and finish layers of asphalt on roads, driveways, parking lots, and other types of

4.2 Recommended fuel

The engine requires regular grade unleaded diesel. Use only fresh, clean diesel containing water or dirt will damage fuel system.

4.3 Display panel



1, Timer2, Spraying start time3.Adjust4.Set5. Spraying stop time6.Fuel gauge7. Vibration indicate (Green)8. Low voltage (Red)9. Battery charging (Red)10. Radiator indicate (Green)11. Chari light (Yellow)12. Neutral position(Red)13. Pre heat (Red)14. Oil pressure (Red)