



SURFACE FINISHING RULER TAMPER

ITEM: 61008/61013



OWNER'S MANUAL AND SAFETY INSTRUCTIONS

SAVE THIS MANUAL: KEEP THIS MANUAL FOR SAFETY WARNINGS, PRECAUTIONS, ASSEMBLY, OPERATING, INSPECTION, MAINTENANCE AND CLEANING PROCEDURES. WRITE THE PRODUCT'S SERIAL NUMBER ON THE BACK OF THE MANUAL NEAR THE ASSEMBLY DIAGRAM (OR MONTH AND YEAR OF PURCHASE IF PRODUCT HAS NO NUMBER)

FOR QUESTIONS PLEASE CALL OUR CUSTOMER SUPPORT: (909) 628 4900 MON-FRI 9AM TO 3PM PST



GENERAL SAFETY WARNINGS

Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury. Save all warnings and instructions for future reference.

SAFETY

WARNING DO NOT use this product or any available optional equipment without first completely reading and understanding these instructions and any additional instructional material such as owner's manuals, service manuals or instruction sheets supplied with this product or optional equipment. When using an electrical appliance, basic precautions **MUST** be followed to reduce the risk of fire, electric shock and personal injury.

- **DO NOT** operate the machine unless all protective guards are in place.
- **KEEP** hands and feet clear of rotating and moving parts as they will cause injury if contacted.
- **ENSURE** that the motor operation switch is in the **OFF** position and the spark plug ignition lead is disconnected before removing the guards or making adjustments.
- **DO NOT** leave the machine in operation while it is unattended.
- **EXERCISE CARE** when operating unit. Exposure to Vibration or repetitive work actions may be harmful to hands and arms.
- **NEVER** stand on the unit while it is operating.
- **BE CAREFUL** not to come in contact with the muffler when the engine is hot, it can cause severe burns.
- **ENSURE** that repairs to the motor and machine are carried out by **COMPETENT** personnel.
- **PETROL** is extremely flammable and explosive under certain conditions. **ENSURE** that petrol is only stored in an approved storage container.
- **DO NOT** refuel the motor while it is in operation or hot.
- **DO NOT** refuel the motor in the vicinity of sparks, a naked flame or a person smoking.
- **DO NOT** over fill the fuel tank and avoid spilling petrol when refueling. Spilled petrol or petrol vapor may ignite. If spillage occurs, ensure that the area is dry before starting the motor.
- **ENSURE** that the fuel tank cap is securely fitted after refueling.
- **DO NOT** operate or refuel a petrol motor in a confined area without adequate ventilation.
- **CARBON MONOXIDE** exhaust gases from internal combustion motor driven units can cause death in confined spaces.
- **EXCESSIVE NOISE** can lead to temporary or permanent loss of hearing.
- **WEAR** an approved hearing protection device to limit noise exposure. As required by Occupational Health and Safety regulations.

- **ALWAYS** wear protective clothing and footwear to prevent the skin coming into contact with wet concrete.
- **PROTECTIVE FOOTWEAR** should be worn to reduce injuries from penetration through the sole contact with cutting objects, slipping, contact with wet concrete and electrical hazards.
- **USE** waterproof protection for hands and knees(if kneeling)when concreting. If your clothing becomes wet from concrete contact make sure you change the clothing. **DO NOT** walk about waiting for it to dry.
- Slip/Trip/Fall is a major cause of serious injury or death. Beware of uneven or slippery work surfaces.

CARE AND PREVENTATIVE MAINTENANCE

- Inspect the rubber anti vibration mounts for wear or deterioration. Clean the aluminium beams regularly to prevent a build up of concrete residue.
- The housing weight must be greased after every 10 hours of operation. **DO NOT** over grease.
- Inspect and clean and/or replace the motor air cleaner regularly, particularly when operating in a dusty environment.
- Inspect, clean and/or replace the spark plug regularly .
- Check all fasteners for tightness as the machine is subject to vibration.
- To test run the screed support the beams on a resilient support at each end.
- Keep the unit clean and free of concrete residue.
- Ensure the cooling fins on the motor are kept unobstructed.



SAVE THESE INSTRUCTIONS.

OPERATION

USING THE VIBRATING-BEAM SCREED

- Once the concrete with its surcharge has been spread, start the motor and manually pull the beam along the slab. Make sure that there is always a continuous surcharge along the entire length of the leading edge
- Generally one steady pass with the screed should be enough to compact and level the concrete.
- Vibration of the concrete is still necessary to bring air bubbles to the surface.

SPECIFICATIONS

Model	61013	61008
Engine	Air-cooled, 4-cycle	Air-cooled, 4-cycle
Engine Type	Chinese Petrol Engine	Petrol,Honda GX35
Power kw (hp)	0.65(0.9)	1.0(1.3)
Weight kg(lbs)	12.7(28.0)	12.7(28.0)

WEIGHT OF BLADES

The total weight of the machine should be the weight of engines assembly plus weight of blades

Blade Size m(ft)	1.22(4)	1.8(6)	2.44(8)	3.0(10)	3.66(12)	4.47(14)	4.88(16)
Weight kg(lbs)	2.9(6.4)	4.36(9.6)	5.81(12.8)	7.27(16.0)	8.72(19.2)	10.16(22.4)	11.61(25.6)

TROUBLESHOOTING

SYMPTOM	POSSIBLE CAUSE	SOLUTION
Vibrates insufficient and as a result the concrete floor cannot be leveled and smoothed in the proper way.	The centrifugal force of the vibrator is set too low	Adjust the eccentric weights or increase engine speed
	There is excessive amounts of concrete along the leading edge of the blade	Remove the excessive concrete from the blade
	The chosen width of the blade is too large	Work With a smaller blade Remember maximum width is 20 ft (2 engines)
screed vibratos too much and does not travel smoothly across the rail supports	Selected blade and eccentric weights do not match	Adjust eccentric weights to match selected blade width
Concrete looks "WAVY" as the screed blade passes over it	Operator moving too slowly	Walk backwards at a faster pace
	Too much vibration for the typo of concrete	Reduce engine speed and walk backwards at a faster pace.
Leaving HIGH or LOW spots during wet screeding	Concrete too high or low on one side	Have workers shape the concrete close as possible to grade Maintain about 1 inch of concrete across the front of the blade at all times
Blade digs into wet concrete.	Is blade positioned correctly	Each end of the blade must ride on the same surface. Either each end of the blade rides on forms or concrete (wet screed) not both
Difficult to start, "fuel is available, but no SPARK at spark plug".	Spark plug bridging	Check gap, insulation or replace spark plug
	Carbon deposit on spark plug	Clean or replace spark plug
	Short circuit due to deficient spark plug insulation	Check spark plug insulation, replace if worn
	Improper spark plug gap	Set to proper gap
Difficult to start "fuel is available, and SPARK is present at the spark plug	ON/OFF switch is shorted	Check switch wiring, replace switch.
	Ignition coil defective	Replace ignition coil
	Improper spark gap, points dirty	Sat correct spark gap and clean points
	Condenser insulation worn or short circuiting	Replace condenser
	Spark plug wire broken or short circuiting	Replace defective spark plug wiring
Difficult to start, "fuel is Available, spark is present and compression is normal"	Wrong fuel type	Flush fuel system, and replace with correct type of fuel
	Water or dust in fuel system	Flush fuel system
	Air cleaner dirty	Clean or replace air cleaner
	Choke Open	Close Choke
Difficult to start "fuel is available spark is present and compression is low	Suction/exhaust valve stuck or protruded	Re-seat valves
	Piston ring and/or cylinder worn	Replace piston rings and or piston
	Cylinder head and/or spark plug not tightened properly	Torque cylinder head bolts and spark plug
	Head gasket and/or spark plug gasket	Replace head and spark plug gaskets
No fuel present inside priming bulb.	Fuel not available in fuel tank	Fill with correct type of fuel
	Fuel filter clogged	Replace fuel filter
	Fuel tank cap breather hole clogged	Clean or replace fuel tank cap
	Air in fuel line	Bleed fuel line

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Record Product's Serial Number Here: _____

Note: If product has no serial number, record month and year of purchase instead.

Note: Some parts are listed and shown for illustration purposes only and are not available individually as replacement parts.

Questions, Problems or Missing Parts?



Before returning to a retailer, our exceptional customer service is available to help.

Call Us: 909.628.4900

Hours of Operation: 9 to 4pm PST, Monday - Friday

Email: info@starktoolsusa.com

PRODUCT MADE IN CHINA