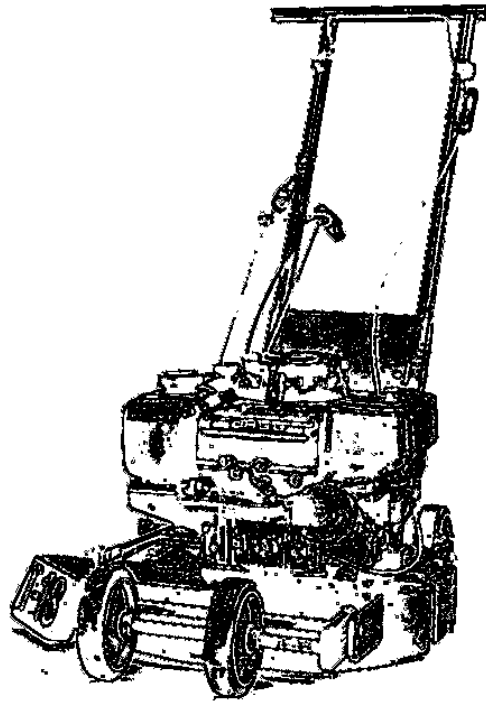


THOMSEN T-18 GASOLINE ICE EDGER

Thomson Ice Edgers.



Proudly Built In The USA!

www.thomsenedgers.com icecat@thomsenedgers.com

1-800-423-6025

WARNING: Before using your Thomsen ice edger, read the complete operator's guide. When using the ice edger, follow all warning and safety instructions.

Failure to do so can result in serious injury

Dear Owner,

Congratulations on your recent purchase of a new Thomsen Model T-18 Ice Edger. This model, representing more than 30 years of improvements based on responses to customer needs, is the most versatile and reliable ice edger in use today.

- ✓ For your convenience, the T-18 edger comes fully assembled and ready for use upon unpacking.
- ✓ Its Briggs and Stratton 10.5 horsepower OHV engine delivering long-lasting power and performance.
- ✓ With a blade designed to cut a 17 ¾ inch path, the T-18 edger enables precision leveling of the ice.
- ✓ A stable four wheel design makes the T-18 edger easy to maneuver on and off the ice.
- ✓ Its four wheels are synchronistically adjusted to raise and lower the frame for a consistently level cutting plane.
- ✓ Its easy height adjustment and quick change ice cutting carbide blades simplify everyday operations and routine maintenance.

This operator's guide provides comprehensive information on safety, operations, maintenance, and troubleshooting.

PLEASE READ THE ENTIRE GUIDE CAREFULLY BEFORE OPERATING THE T-18 ICE EDGER.

For information on engine repair and major maintenance, please refer to the Briggs & Stratton engine owner's manual also included with your unit. For other information or questions, please feel free to call us.

Sincerely,
Steven R. Overgaard
President

800 423-6025

Ph: 507 373-1869 Fx: 507 373-2806

Vasco, Inc. – Thomsen Mfg. Div. 1103 Hershey St. Albert Lea, MN 56007

WARNINGS AND SAFETY INSTRUCTIONS

At All Times

- Read this operator's guide and be sure you understand and can follow all warning and safety instructions before using the T-18 edger. Also read the *Briggs & Stratton Engine Owner's Manual*.
- Allow only qualified operators to use the ice edger.
- Use the T-18 edger only when someone else is present. Never operate the unit when you are alone.

When You Unpack Your T-18 Edger

Your Thomsen Model T-18 Ice Edger comes fully assembled.

1. Before removing your T-18 edger from its carton, turn the height adjustment crank counterclockwise to lower the wheels. This raises the base and the cutter bar off the wood shipping frame.
2. The snow deflector guard is shipped unattached and must be mounted on the right side of the base with two nuts and bolts provided. The open end of the guard is aligned to face toward the rear.
3. Check for bolts, nuts, or fittings that might have become loosened during shipping. If any parts appear damaged, notify your dealer immediately.
4. Before adding oil, install the oil drain tube and cap if this has not been done for you.
5. If everything is in order, prepare the T-18 engine for operation by adding oil and gasoline. If necessary, refer to the Briggs & Stratton engine manual that accompanies your T-18 edger.

Before Starting the T-18 Edger

1. Inspect the surface of the ice for large ice chips or other debris that could be thrown and thus cause injury during operation.
2. Inspect the boards for loose or protruding objects (such as screws or kickplate) that could damage the T-18 edger.
3. Inspect the entire T-18 ice edger for loose or worn parts. Do not use the unit unless all parts are in place and in full working order.
4. Be sure that the left adjustable wheel guide and snow-deflector guard are mounted properly. The wheel guide can be adjusted to set the distance the edger is from the side boards.
5. Never fill the fuel tank while the engine is running. Instead, shut down the engine and let it cool before refueling. Afterward, wipe up any spillage.
6. Be sure the T-18 edger is on the ice before starting the engine and that the cutter bar is raised off the surface. If you start the unit on another surface, it could throw dirt, gravel, or other debris, causing serious injury and damaging the unit. Starting the engine while the unit is on concrete will quickly and severely damage the cutting blades and could cause injury.

While Operating the T-18 Edger

1. Keep hands and feet away from the cutter bar area at all times.
2. Always wear safety glasses, heavy boots or other protective footwear, and long pants. To avoid static shock, do not wear gloves or boots that are insulated with rubber or rubber-like material.
3. If you should begin to slip or fall while operating the T-18 edger, release the ignition-shutdown lever immediately, never tie or clamp the lever in the “on” position. To avoid the risk of serious injury, the lever should always be free to return to its “off” position, which will stop the engine.
4. During operation, the muffler becomes extremely hot. To avoid the risk of a burn, wait until the engine is completely cool before touching the muffler.
5. When exiting the ice area, shut off the T-18 edger engine and raise the base using the adjusting crank handle in order to raise the cutter bar to its highest level. Otherwise, you might damage the carbide cutting blades.

In General

- Always disconnect the spark plug before doing any work or adjusting any parts on the T-18 edger.
- Except for the routine procedures described in the Operator’s Guide, have your T-18 edger service dealer perform all maintenance.
- To avoid creating a safety hazard and/or voiding the warranty, use only replacement parts that are recommended by the manufacturer.
- Never use any accessory or attachment that is not recommended by the manufacturer.
- Store the T-18 edger out of reach of children and in a dry place.

OPERATION OF THE T-18 EDGER

Preparing to Start the Engine

1. Before operating your T-18 edger, be sure you understand all the safety instructions and warnings. If you have any questions about the safe operation of your unit, please contact your dealer or the Thomsen Manufacturing Division of Vasco, Inc. at 1-800 423-6025 before proceeding.
2. Give your T-18 edger a complete inspection, including a look underneath to ensure the hub, cutter bar, and cutting blades are properly attached. Also, check that all other screws and nuts are properly tightened.
3. Always maintain the recommended oil level in your engine. For more information, see the Briggs and Stratton operation and maintenance guide.
4. Check that the engine has enough gasoline. If it is low, add some before starting the engine. If you run out of gasoline while operating the T-18 edger, you must stop the engine and wait for it to cool before adding new gasoline to the tank. Note: Every time you stop the engine, raise the base so that the cutting blade will be off the surface when you restart the engine.
5. Place the T-18 edger with the left side of the base along the boards so that you can push it in a clockwise direction around the rink.

6. Be sure that all four wheels are in contact with the ice. **To compensate for any slope in the surface of the ice, move the adjustable left front wheel of the T-18.**
7. Position the cutting blade the proper distance above the ice by lowering the base of the T-18 edger toward the surface until the cutting blades touch the ice, and then slightly raising the base. Note: Turning the height-adjustment crank counterclockwise lowers the base and turning it clockwise raises the base.
8. Position the adjustable wheel guide the proper distance from the boards. If the boards are smooth and free of protrusions such as nails or large splinters, you can adjust the guide for a close cut. If nails or other objects protrude from the boards, position your guide for a wider cut so that the cutter bar on the cutting blade will not hit the protrusions.

Starting the Engine

1. After the T-18 Edger is on the ice, move the throttle to the choke position and pull the ignition-shutdown lever back to the handle of the T-18.
2. While holding the lever in this position, start the engine by pulling strongly on the starter rope (or pressing electric start button) , and adjust the throttle so that the engine runs smoothly.

Edging With the T-18 Edger

1. Lower the base of the T-18 edger to the ice by turning the height-adjustment crank counterclockwise slowly. Stop turning the crank as soon as the cutting blades contact the ice. If you lower the base too quickly, the T-18 edger could lurch forward, backward, or sideways, possibly causing injury.
2. To trim the ice, push the T-18 edger around the rink in a clockwise direction, walking about the same speed you do when mowing a lawn. Keep all four wheels on the ice at all times and avoid jerking or lifting the unit as you walk. Each time you circle the rink, the T-18 edger trims a 17 inch wide path to a maximum depth of 3/8 inch.

Operating Tips

- We strongly recommend daily edging to avoid a large build-up of ice. With large ice accumulation along with boards, you may need to circle the rink several times for a sufficient and even trim. Trying to cut as deeply as possible is **not** as effective as making two circuits of the rink.
- The T-18 edger is designed to throw the trimmed ice forward or to the side. If it throws the ice backward, the edger is cutting too deeply. To correct this, raise the base of the T-18 by turning the height-adjustment crank (H) clockwise. If the unit throws only a minimal amount of ice, it may be cutting too shallowly. In this case, lower the base slowly.
- The T-18 edger is designed to operate in a stable fashion. Excessive vibration may indicate chipping or dulling of the carbide blades. See Maintenance for instructions on solving this problem.

MAINTENANCE OF THE T-18 EDGER

- Before performing any maintenance work on your T-18 edger, disconnect the spark plug and be sure that the engine is off and cooled down. Never touch the muffler until the engine is thoroughly cool.
- To keep the T-18 edger engine running smoothly, perform all maintenance work as indicated in the Briggs and Stratton engine manual. When periodically changing the oil, be sure to dispose of the used oil properly. Clean and lubricate all moving parts weekly, preferably with a light grease that will not drip on the ice.
- It is also important to be cutting with sharp carbide blades. Each carbide blade has eight cutting edges. Best results will be maintained by rotating the blade every 25 edgings or once a month. Dull blades will slowdown the time it takes to edge, make a rougher cut and create greater wear on the engine. When all eight edges of a blade become dull or when a blade is chipped or split, contact your dealer for a replacement (part #18-118).
- Periodically tune the engine. This minimizes harmful emissions and adds a longer life to the engine. We recommend a tune-up after every 100 hours of use. If the engine needs servicing, contact your local Briggs & Stratton dealer.

GUARANTEE

- All Thomsen products are made of the highest-quality materials, machined to close tolerance, and finished to exacting demands both in appearance and in performance.
- Thomsen Manufacturing Company guarantees all Thomsen products against defects in workmanship and materials for a period of one year from the date of sale of such products. Within this guarantee period, any part or parts proved to be defective upon examination at our factory will be replaced or repaired, free of charge. Transportation charges on parts submitted for repair or replacement under this Guarantee must be borne by the purchaser.
- This Guarantee presumes reasonable care of the product by the purchaser and does not cover misuse, neglect, or damage by transporting or accident. Note: The Briggs & Stratton engines come with their own warranty and are not covered under this Guarantee.

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