

Our associates will ensure the tool works properly before you leave the store. If you experience issues with the tool while completing your project, simply bring it back to the Tool Rental Center to get a replacement. If you purchase Damage Protection at the time of your rental, you are not responsible for repair costs for tools that break due to normal use.



OPERATOR'S MANUAL

EDGING POWER TROWEL 24"

**WARNING**

READ AND UNDERSTAND THIS OPERATOR'S MANUAL COMPLETELY BEFORE USING THIS ATTACHMENT. ASSEMBLE, TEST AND USE ONLY IN ACCORDANCE WITH THE OPERATOR'S MANUAL INSTRUCTIONS.

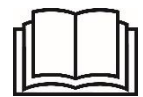


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SAFETY INFORMATION**1.1 Safety Precautions**

Before operating the machine, read both the manual and the engine manual carefully to become familiar with the location and proper use of all controls. Do not allow untrained or unauthorized personnel, especially children, to operate this machine. Use only the parts authorized by the factory for service.

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



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.



DANGER indicates a hazardous procedure which, if not avoided, will result in serious or mortal injury.



WARNING indicates a danger or hazardous procedure which, if not avoided, could result in serious or mortal injury.



CAUTION indicates a danger or hazardous procedure which, if not avoided, could result in damage to machinery or moderate injury.

SAFETY INFORMATION**1.2 Operating Safety**

- DO NOT modify the machine without the prior consent of the manufacturer. We do not assume responsibility for any accident due to equipment modification.
- NEVER operate the machine in purpose for which it is not intended.
- NEVER allow anyone to operate the machine without proper training. People operating the machine must be familiar with the risks and hazards associated with it and be familiar with the safety precautions and operation techniques.
- ALWAYS operate the machine with all safety devices and guards in place and in working order.
- DO NOT wear loosely fitting clothing that might get caught in the machine.
- ALWAYS wear hearing and eye protection when operating the machine.
- DO NOT use the machine near flammable material or in explosive environments. The exhaust pipe can get very hot during operation. Sparks can be emitted from it, and these can ignite flammable material.
- ALWAYS keep the area around the muffler free of debris such as leaves, paper, carton, etc. A hot muffler could ignite the debris and start a fire.
- ALWAYS check that all controls are functioning properly immediately after start-up. DO NOT operate the machine unless all controls operate correctly.
- NEVER operate the machine with the fuel cap loose or missing.
- NEVER touch the engine, exhaust system of the machine. They are extremely hot during operation.
- DO NOT touch the V-belt and the rotating parts during operation.
- DO NOT clean or service the machine when it is running.
- NEVER use the defective parts.
- DO NOT remove blades when the machine is hanging overhead.
- ALWAYS keep the machine clean and labels clear.
- NEVER leave the machine running unattended.
- NEVER lift the machine by the handle only.

SAFETY INFORMATION**1.3 Operator Safety while using Internal Combustion Engines**

- DO NOT smoke when refueling the engine or operating the machine.
 - DO NOT refuel a hot or running engine.
 - ALWAYS keep away from all hot or spark-generating objects when refuel the engine.
 - ALWAYS refill the fuel tank after the machine has cooled, and in a well-ventilated environment.
 - NEVER refuel indoors or in and enclosed trailer.
 - DO NOT spill fuel when refueling the engine.
 - ALWAYS take care to use the right type of fuel.
 - ALWAYS inspect the fuel leakage regularly.
- NEVER perform any work on the machine while it is running. Before working on it, stop the engine and disconnect the spark plug wire to prevent accidental
- starting.
 - Avoid breathing of exhaust gases.
- ALWAYS transport and handle fuel only when contained in approved safety
- containers.
 - Avoid touch or lean against hot exhaust pipes.
 - Allow engine to cool before performing any repairs or service.
- ALWAYS keep the area around the muffler free of debris such as leaves, paper, cartons, etc. A hot muffler could ignite the debris and start a fire.

SAFETY INFORMATION



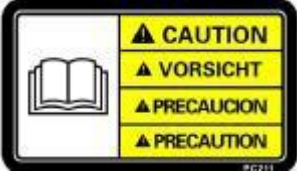






1.4 Label locations











SAFETY INFORMATION

1.5 Safety and Operating Labels

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

Label	Meaning
	<p> DANGER!</p> <p>Engines emit carbon monoxide; operate only in well-ventilated area. Read the Operation Manual for machine information. No sparks, flames, or burning objects near the machine. Shut off the engine before refueling. Use only clean, filtered unleaded gasoline.</p>
	<p>CAUTION!</p> <p>Read and understand the supplied Operation Manual before operating the machine. Failure to do so increase the risk of injury to yourself or others.</p>
	<p> WARNING!</p> <p>Always wear hearing and eye protection when operating the machine.</p>
	<p> CAUTION!</p> <p>Lifting point.</p>
	<p> CAUTION!</p> <p>Use only clean, filtered fuel.</p>

SAFETY INFORMATION

Label	Meaning
	<p> WARNING! <small>WARNING</small> WARNING! Hot surface!</p>
	<p> WARNING! <small>WARNING</small> WARNING! Hand injury if caught in moving belt. Always replace belt guard.</p>
	<p> WARNING! <small>WARNING</small> WARNING! Cutting hazard. Always replace blade guard!</p>
	<p>A nameplate listing the model number and serial number is attached to each unit. Please record the information found on this plate so it will be available if the nameplate lost or damaged. When requesting service information, the serial number should be specified of the unit.</p>
	<p>Brand Decal</p>

OPERATION

2.1 Operating Principle

The following instructions were compiled to provide you information on how to obtain long and trouble-free use of the machine. Periodic maintenance of the machine is essential. Read the manual carefully and thoroughly familiarize yourself with the machine and all its functions. Failure to do so may injure yourself or a bystander.

2.2 Application—Standard Features

Your new Power Trowel comes standard with many features to enhance productivity, performance and safety. Listed below are just a few of these features.

1. Safe Stop Switch—The switching mechanism of this switch should operate freely and should always be kept in this condition. With the switch in the OFF position, the engine should not start or run. The purpose of this switch is to stop the engine in a runaway situation, (i.e. the operator releasing the handle during operation).
2. Adjustable Throttle—Located in a convenient location, this push-pull throttle control can be set to provide any blade speed from 50 to 130 RPM and located in place at the desired operating speed.
3. Bent Arm Adjustable—Allows blades to be adjusted to compensate for bent arms caused by dropping or mishandling the trowel. Can be easily adjusted on-site for consistent finishing.
4. Heavy Duty Ring Guard—Protects operator and unit while providing lower center of gravity which contributes to unit stability and performance.
5. Cast Iron Spider—Extra strong for insure alignment. Also contributes to lower center or gravity for increased trowel performance.
6. Foldable Handle—Easy for transportation and storage.
7. Tilt Adjustment Knob – adjusts the angle of the blades for different curing stages and conditions of the concrete. Turning the knob clockwise increases the angle of the blades to the concrete. Turning the knob counterclockwise flattens or decreases the angle of the blades.

2.3 Delivery Checks

Immediately on taking delivery of your new machine and before putting it into service.

- Read the operation manual completely—it could save a great deal of unnecessary expense.
-
- Check the general condition of the machine – has it been damaged during delivery?
-
-
-

OPERATION**2.4 Unfolding Handle**

To unfold and secure the handle assembly:

1. New machine with folded handle.
2. Unfolding the adjustable handle and lock the screw.
3. Straighten the handle and lock the hinge pin.
4. Tighten the adjustable lever to lock the handle in its fully opened position.

**2.5 Before Starting**

Before starting the machine, check the following items:

- All handles are free from grease, oil and dirt.
- All control levers are in the neutral position.
- All bolted joints are tightened.
- Fuel level
- Oil level in the engine
- Air cleaner maintenance indicator

NOTICE: Check the oil level in the engine and machine before starting.

2.6 To Start

Before starting the machine must know the location and function of all controls.

Make sure the safety stop switch is in the stop position. If it is not, push the lever down to the stop position before attempting to start the engine. Open fuel valve under fuel tank (if so equipped), open throttle approximately half way down and apply choke. Holding unit handle firmly with one hand, pull the starter rope sharply with the other about (3) times. When engine starts, open choke and adjust throttle as necessary to keep it running. If engine doesn't start after (3) pulls, open choke slightly.

NOTE: These starting instructions are general guidelines only. Since many engine options are available on our power trowels, consult the ENGINE MANUAL included with the unit for specific instructions.

OPERATION

2.7 To Stop

Push the safety stop switch down to the stop position. Close throttle all the way and turn the engine switch to off position.

2.8 Initial Operation

With engine started as instructed previously and at operating temperature, adjust speed to about half throttle. Hold the handle firmly with one hand and move the safety stop switch to RUN position to engage the trowel blades.

2.9 Finishing Operation

After floating, allow the concrete to set until it will support the weight of the trowel. Set the pitch to approximately 1/4" to 3/8" on the blades. If the blades start to dig into the concrete, decrease the amount of pitch.

2.10 Lifting the Trowel

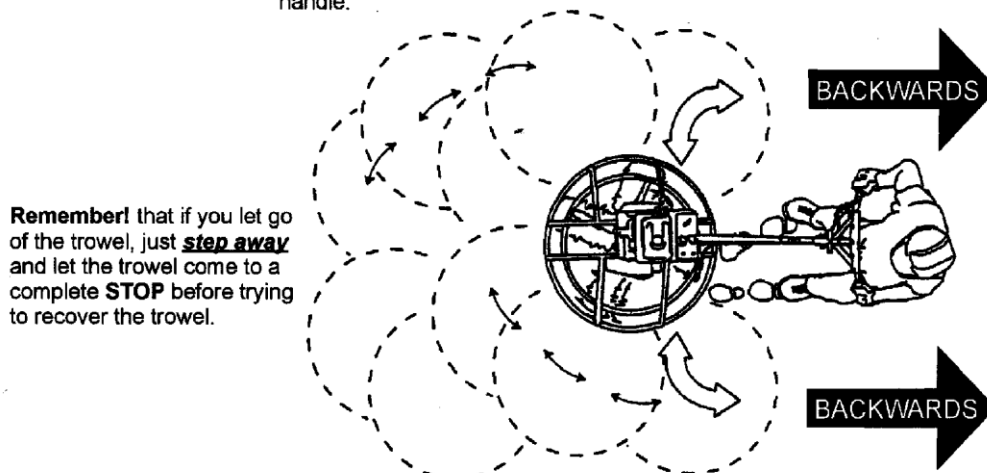
Using the lifting hook to move the machine.

2.11 Maneuver Operation

Below (Figure 1) illustrates a typical walk-behind trowel application. Practice maneuvering the trowel. The trick is to let the trowel do the work.

Continue to practice maneuvering the trowel. Try to practice as if you were finishing a slab of concrete. Practice edging and covering a large area. Remember a good finishing technique is to work backwards. Be careful when moving backwards so that hazards can be avoided. The best way to get accustomed to the trowel is repeated use.

To move the trowel to the operator's left, **lift up** on the handle, to move the trowel to the right **push down** on the handle.



Remember! that if you let go of the trowel, just **step away** and let the trowel come to a complete **STOP** before trying to recover the trowel.

The best method for finishing concrete is to slowly walk **backwards** with the trowel, guiding the trowel from side to side. This will cover all footprints on wet concrete.

3.5 Lifting

Before lifting the machine, ALWAYS turn off the engine and pull out the key from the machine.



Make sure lifting device has enough capacity to hold machine (see identification plate on machine for weight).



DO NOT lift the machine overhead with a float pan attached.

NEVER lift the machine by the handle only.

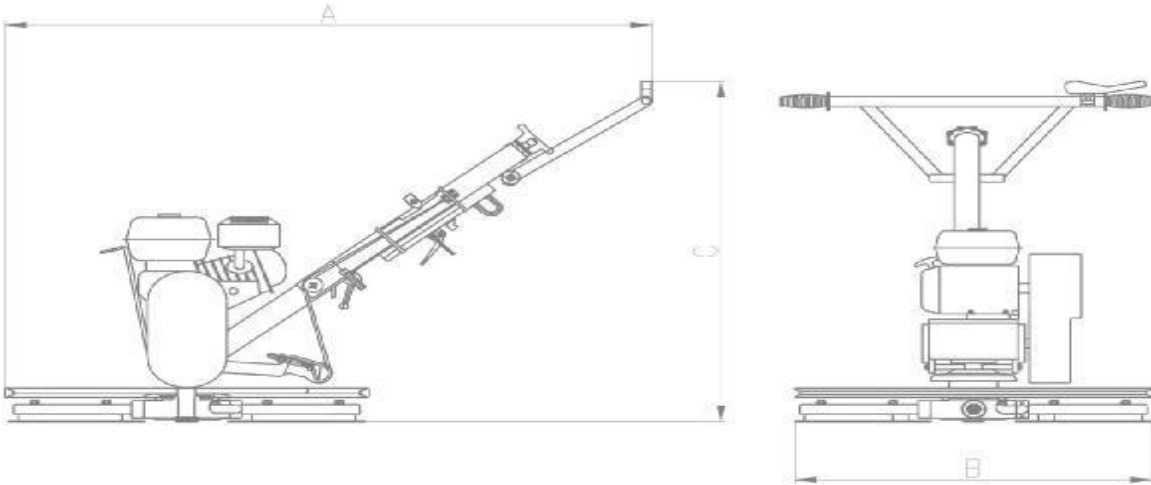
Use lifting points (see safety label on the machine) when lifting the machine.

TECHNICAL DATA

4. TECHNICAL DATA

Model	BRPPT105H
Engine type	Honda GX160
Power	5.5 HP(4.0KW)
Operating Weight	124 Lb. (56Kg.)
Blade Speed rpm	109-156
Rotor Dia. C	24 "(61cm)
Combination Blade	4.75"x9"
Pan	25"

Dimension:



Model	A	B	C
BRPPT105H	59 in.	27 ½ in.	35 ½ in.