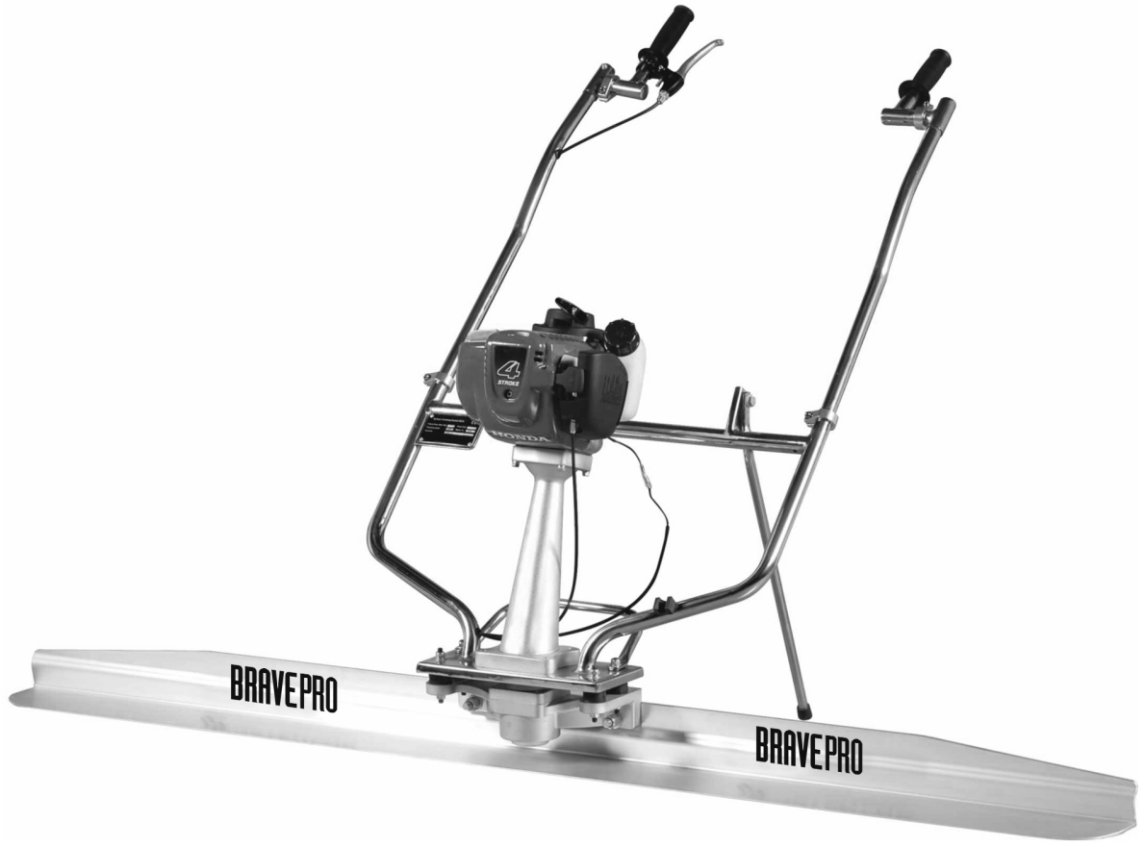
Our associates will ensure the tool works properly before you leave the store. If you experience issues with the tool while completing your project, simply bring it back to the Tool Rental Center to get a replacement. If you purchase Damage Protection at the time of your rental, you are not responsible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

BRAVEPRO

OPERATORS MANUAL



SURFACE FINISHING SCREED

BRPS105H

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SAFETY INFORMATON

1.1 Safety Precautions

Before using this equipment, study the entire owner's manual to become familiar with its operation. Do not allow untrained or unauthorized personnel, especially children, to operate this equipment. Use only factory authorized parts 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

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

WARNING

WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION

CAUTION indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

1.2 Operating Safety

Familiarity and proper training are required for the safe operation of equipment! Equipment operated improperly or by untrained personnel can be dangerous! Read the operating instructions and familiarize yourself with the location and proper use of all instruments and controls. Inexperienced operators should receive instruction from someone familiar with the equipment before being allowed to operate the machine.

- **NEVER** allow improperly trained personnel to operate this machine.
- **NEVER** leave a running machine unattended.
- **NEVER** use choke to stop engine.
- **NEVER** operate the machine in areas where explosions may occur.
- **ALWAYS** read, understand, and follow procedures in Operation Manual before attempting to operate equipment.
- **ALWAYS** be sure operator is familiar with proper safety precautions and operation techniques before using this machine.
- **ALWAYS** wear protective clothing while operating. Wear goggles or safety glasses, hearing protection, and safety shoes.
- **ALWAYS** remain aware of moving parts and keep hands, feet, and loose clothing away from the moving parts of the machine.
- **ALWAYS** turn engine OFF when the machine is not being operated.

1.3 Operator Safety while using Internal Combustion Engines

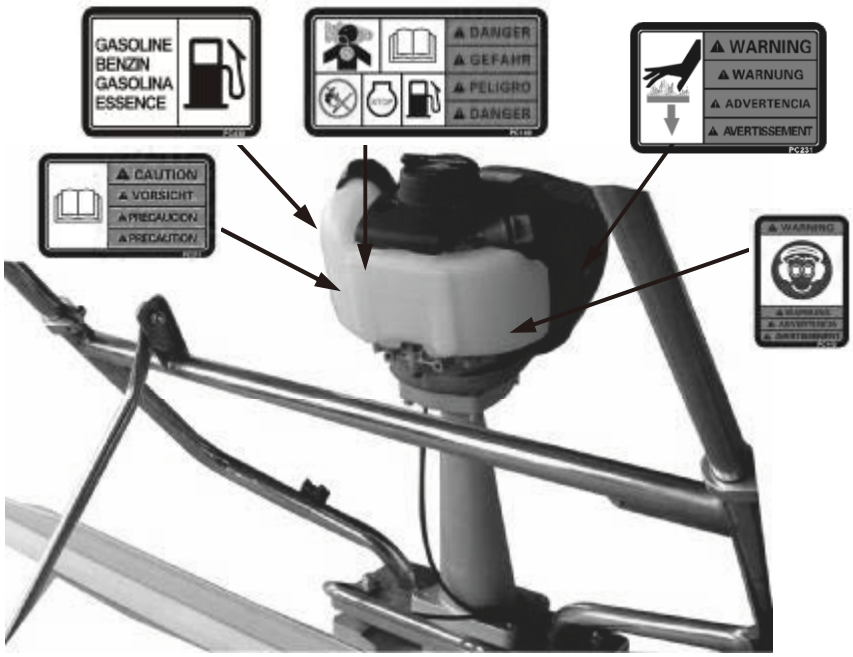
- DO NOT smoke when refueling the engine or during any other fuel handling operation.
- DO NOT refuel a hot or running engine.
- DO NOT refuel the engine near an open flame.
- DO NOT spill fuel when refueling the engine.
- DO NOT run the engine near open flame.
- ALWAYS refill fuel tank in well-ventilated area.
- ALWAYS check fuel lines, fuel cap, and fuel tank for leaks and cracks before starting engine. Do not run machine if fuel leaks are present, or fuel cap or fuel lines are loose.
- Avoid prolonged breathing of exhaust gases.
- Avoid contact with hot exhaust systems and engine parts.
- Allow engine to cool before performing any repairs or service.
- ALWAYS transport and handle fuel only when contained in approved safety containers.
- 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.

1.4 Service Safety

Poorly maintained equipment can become a safety hazard! In order for the equipment to operate safely and properly over a long period of time, periodic maintenance and occasional repairs are necessary.

- DO NOT attempt to clean or service screed while it is running.
- DO NOT operate this machine with safety devices or guards removed or not in working order.
- DO NOT operate this machine without air cleaner.
- DO NOT remove air cleaner paper element, precleaner, or air cleaner cover while operating this machine.
- DO NOT alter engine speeds. Run engine only at speeds specified in Technical Data Section.
- ALWAYS replace safety devices and guards after repairs and maintenance.
- ALWAYS keep area around muffler free of debris in order to reduce to chance of an accidental fire.
- ALWAYS do Periodic Maintenance as recommended in Operation Manual.
- ALWAYS clean debris from engine cooling fins.
- ALWAYS replace worn or damaged components with spare parts designed and recommended by BravePro for servicing this machine.

1.5 Label Locations



SAFETY INFORMATION

1.6 Safety Labels

BravePro machines use international pictorial labels where needed. The labels are described below:

Label	Meaning
	WARNING! Always wear hearing and eye protection when operating this machine.
	DANGER! 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.
	WARNING! Hot surface!
	CAUTION! Read and understand the supplied Operation Manual before operating the machine. Failure to do so increase the risk of injury to yourself or others.
	CAUTION! Use only clean, filtered gasoline fuel.
	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.

2 Operation

2.1 Assemble the SCREED

1. First determine whether you want to use screed as a form-to-form screeder or as a free screeder.
2. The screed is supplied in 2 components: the power-unit and the beam profile.
3. The power-unit is equipped with a quick disconnect system, with which the power-unit can be mounted on to the beam profile.
4. To connect the power-unit to the beam profile loosen the 3 wing bolts about 8mm, until the front clamping plate fits into the collar of the profile. Now tighten the 3 wing bolts.
5. Now unfold the twin control handle, adjust it to the proper height, and tighten the 2 clamps.
6. Make sure that the Screed Easy is properly assembled and that the ON-OFF switch is in the ON position.
7. Make sure that the fuel tank is filled with unleaded fuel only.
8. In case the screed is used for form-to-form screeding make sure that the forms are set to the right level.

2.2 Pre-Operation Check

1. Engine oil level

- Remove the oil filler cap and check the oil level: it should reach the top of the oil filter neck.
- If the level is low, fill to the top of the oil filler neck with the recommended oil.

Add the engine oil slowly to avoid overflowing, as the engine oil tank capacity is small.
Every 10 hours, check the engine oil level and replenish oil up to the top of the oil filler neck if the engine is operated for more than 10 hours continuously.
Use Honda 4-stroke, or an equivalent high detergent, premium quality motor oil certified to meet or exceed U.S. automobile manufacturer's requirements for service classification SG, SF. Motor oils classified SG, SF will show this designation on the container. SAE 10W-30 is recommended for general, all temperature use.

CAUTION

Using nondetergent oil or 2-stroke engine oil could shorten the engine's service life.
The recommended operating range of this engine is -5℃ to 40℃ (23℉ to 104℉)

2. Air cleaner

CAUTION

Never run the engine without the air cleaner. Rapid engine wear will result.
Check cleaner for dirt or obstruction of element.

3. Fuel
   Use automotive gasoline (Unleaded or lowleaded is preferred to minimize combustion chamber deposits).
   Never use an oil/gasoline mixture or dirty gasoline. Avoid getting dirt, dust or water in the fuel tank.
4. Retightening bolts and nuts
   Check for loose bolts and nuts. Tighten the bolts and nuts properly and securely, if necessary.

2.3 To Start

1. Turn the engine switch to the ON position (on the equipment side).
2. Move the choke lever to the CLOSED position.
   Note: Do not use the choke if the engine is warm or the air temperature is high.
3. Press the priming pump several times until a fuel flow in the fuel return tube is visually noticed.
4. Pull the starter grip lightly until resistance is felt, then pull briskly.
5. Gradually move the choke lever to the OPEN position. Warm up the engine until it run smoothly.
6. Position the throttle control lever for the desired engine speed (on the equipment side).

2.4 Operation and use of the SCREED

1. Place the screed beam on the rail supports or if you want to use the screed as a free screed, directly on the freshly poured concrete surface.
2. Now start the engine and allow a three minute warming-up period before setting the throttle handle to the desired engine speed.
3. After setting the engine speed start moving the screed backwards, the travel-speed depends on the consistency of the concrete.
4. After the job is finished, remove the Screed from the concrete and switch off the engine.
5. After use, clean the screed according to the instructions described in the maintenance section of this manual. Place the screed on a dry, clean and stable surface.
6. If you do not expect to use the engine for a long period of time, drain the fuel tank and let the engine run at idle speed unitl the fuel in the carburetor is used and the engine stops.

NOTE:

- Make sure to refill the fuel tank in time. Do not let the engine run so all the fuel is used. This might cause starting problems.
- Prevent the screed of sinking into the concrete. After the engine has been switched on, immediately move the Screed Easy backwards.
- When using a low slump concrete, move the screed slowly across the surface of the concrete. When using a high slump concrete, move the screed faster across the surface of the concrete.
- When the screed is used as a wet screed it is recommended to first compact the freshly poured concrete with a poker vibrator while at the same time set the height of the floor by means of a laser device.

2.5 Operation

The drive-unit of the screed is started by pulling the recoil-starter of the engine. The vibrating beam of the screed compacts, levels and smooths freshly poured concrete in one operation. The screed features a dual purpose beam and can be used for form-to-form screeding or for free screeding.

By rotating the power-unit 180 degrees, the operator can choose between screeding, using forms/rails, or free screeding.

2.6 To Stop

To stop the engine in an emergency, turn the engine switch to the OFF position (on the equipment side). Under normal conditions, use the following procedure:

1. Position the throttle control lever fully to LOW (on the equipment side).
2. Turn the engine switch to the OFF position (on the equipment side).

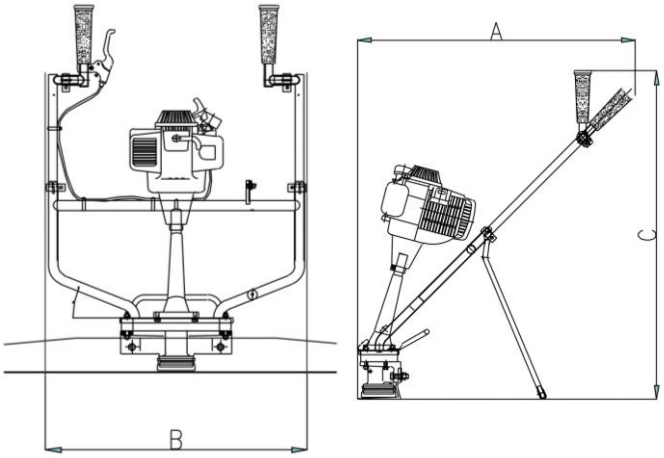
4. TECHNICAL DATA

Model	BRPS105H
Engine type	Honda GX35
Engine Max. Rated Speed rpm	7000
Power kw (hp)	1.2 (1.6)
Weight without blades kg (lb)	12.7 (28.0)

Blades

Model	BRSB4	BRSB6	BRSB8	BRSB10	BRSB12	BRSB14	BRSB16
Blade Size m (ft)	1.2 (4)	1.8 (6)	2.4 (8)	3.0 (10)	3.7 (12)	4.3 (14)	4.9 (16)
Weight kg (lb)	2.90 (6.40)	4.36 (9.4)	5.81 (12.80)	7.27 (16.00)	8.72 (19.20)	10.16 (22.40)	11.61 (25.60)

Working Size mm:



Model	A	B	C
PCDH	450	660	1000

Hand-Arm vibration Specification (According to ISO 5394, EN 1033 and EN500-4): 7.8m/s^2