

# **BRAVEPRO**

## **OPERATORS MANUAL**



**FORWARD  
PLATE COMPACTOR**

**BRPFP130H & BRPFP140H**

## Table of Contents

|                                                                  |                |
|------------------------------------------------------------------|----------------|
| <b>1. SAFETY INFORMATION.....</b>                                | <b>2</b>       |
| 1.1 Safety Precautions.....                                      | 2              |
| 1.2 Operating Safety.....                                        | 2-4            |
| 1.3 Operator Safety while using Internal Combustion Engines..... | 4-5            |
| 1.4 Label Locations.....                                         | 5              |
| 1.5 Safety and Operating Labels.....                             | 6-7            |
| <br><b>2. TECHNICAL DATA.....</b>                                | <br><b>8-9</b> |
| <br><b>3. OPERATION.....</b>                                     | <br><b>10</b>  |
| 3.1 Operating Principle.....                                     | 10             |
| 3.2 Delivery Checks.....                                         | 10             |
| 3.3 Before Starting.....                                         | 10             |
| 3.4 To Start.....                                                | 11             |
| 3.5 To Stop.....                                                 | 12             |
| 3.6 Application.....                                             | 12             |
| 3.7 Operation.....                                               | 12             |
| 3.8 Max. operation on Slope.....                                 | 12             |
| 3.9 Main parts and accessories.....                              | 13             |
| <br><b>4. MAINTENANCE.....</b>                                   | <br><b>14</b>  |
| 4.1 Periodic Maintenance Schedule.....                           | 14             |
| 4.2 Exciter.....                                                 | 14             |
| 4.3 V-belt and clutch.....                                       | 15             |
| 4.4 Air Cleaner.....                                             | 15             |
| 4.5 Spark Plug.....                                              | 16             |
| 4.6 Transporting.....                                            | 16             |
| 4.7 Trouble Shooting.....                                        | 17-18          |
| <br><b>WARRANTY.....</b>                                         | <br><b>19</b>  |
| <br><b>MAINTENANCE RECORD.....</b>                               | <br><b>20</b>  |
| <br><b>EC DECLARATION.....</b>                                   | <br><b>21</b>  |

## **SAFETY INFORMATION**

### **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**

#### **! ADDITIONAL HAZARDS**

- Slip/Trip/Fall is a major cause of serious injury or death. Beware of uneven or slippery work surfaces.
- Exercise care when working in the vicinity of unprotected holes or excavations.
- NEVER allow any person to operate the machine without adequate instruction.

## **SAFETY INFORMATION**

- ENSURE all operators read, understand and follow the operating instructions.
- SERIOUS INJURY could result from improper or careless use of this machine.
- Plate compactors are heavy units and should be positioned by two people of appropriate strength. Using the lifting handles provided on the machine, along with correct lifting techniques.

### **! MECHANICAL HAZARDS**

- DO NOT operate the machine unless all protective guards are in place.
- KEEP handles 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.
- ENSURE both the machine and the operator are stable by setting up on level terrain and that the machine will not tip over, slide or fall while in operation or unattended.
- DO NOT leave the machine in operation while it is unattended.
- DO NOT pull the machine backward with transportation wheels. It should only be pushed forward.
- ENSURE that the walls of a trench are stable and will not collapse due to the action of the vibration, prior to commencing compaction.
- ENSURE that the area to be compacted does not contain any "live" electrical cables, gas, water or communication services which may be damaged by the action of vibration.
- 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.
- DO NOT increase the governed no-load motor speed above 3,500 r/min. Any increase may result in personal injury and damage to the machine.
- BE CAREFUL not to come in contact with the muffler when the engine is hot, since it can cause severe burns.
- ENSURE that the repairs to the motor and machine are carried out by COMPETENT personnel.

### **! FIRE & EXPLOSION HAZARDS**

- Gasoline is extremely flammable and explosive under certain conditions.
- ENSURE that the gasoline is stored only 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, an open flame or a person smoking.

## **SAFETY INFORMATION**

- DO NOT over fill the fuel tank and avoid spilling gasoline when refueling. Spilled gasoline or gasoline 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.

### **! CHEMICAL HAZARDS**

- DO NOT operate or refuel a gasoline motor in a confined area without adequate ventilation.
- CARBON MONOXIDE exhaust gases from internal combustion motor driven units can cause death in confined spaces.

### **! NOISE HAZARDS**

- 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.

### **PROTECTIVE CLOTHING**

- ALWAYS wear approved hearing protection when working in a confined work space. Protective goggles and a dust mask should be worn when working in a dusty environment. Protective clothing and footwear may also be desirable when working with hot mix bitumen.

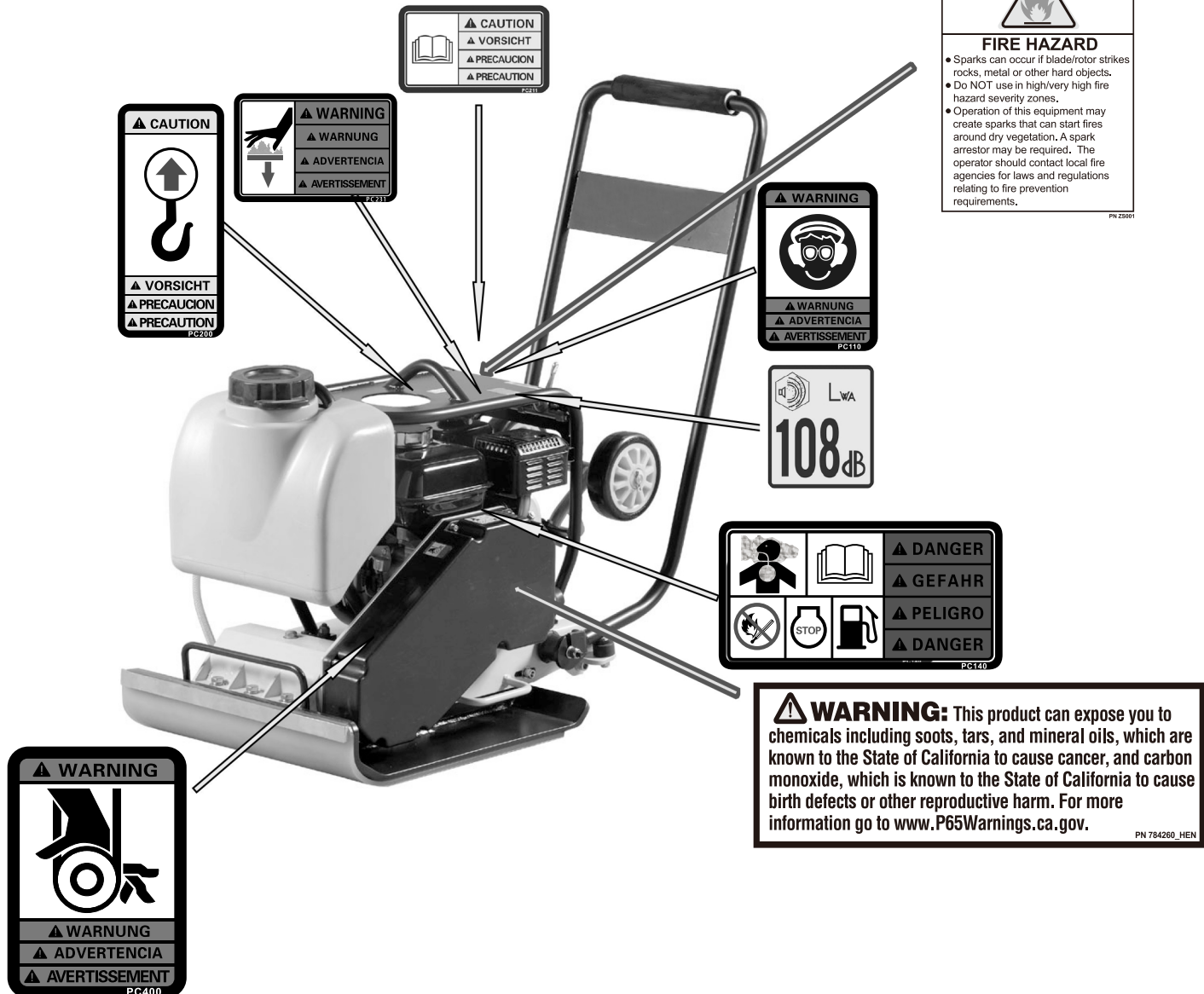
### **1.3 Operator Safety while using Internal Combustion Engines**

- 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.
- If fuel is spilled during refueling, wipe it off from the engine immediately and discard the rag in a safe place. Do not operate the unit if fuel or oil leaks exist- repair immediately.
- NEVER operate this equipment in an explosive atmosphere.
- NEVER operate any gas powered equipment in a poorly ventilated or enclosed area.
- NEVER perform any work on the unit while it is running. Before working on it, stop the engine and disconnect the spark plug wire to prevent accidental starting.
- Avoid prolonged breathing of exhaust gases.

## SAFETY INFORMATION

- 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.

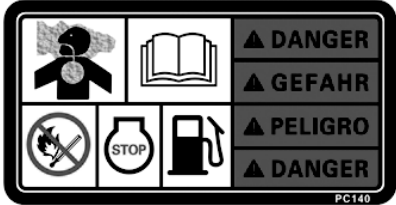
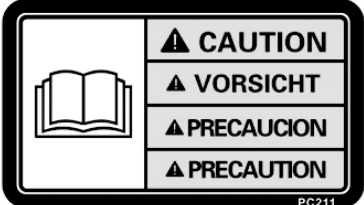
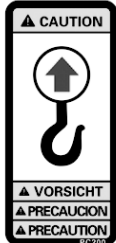
### 1.4 Label Locations



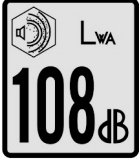
## SAFETY INFORMATION

### 1.5 Safety and Operating Labels

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

| Label                                                                               | Meaning                                                                                                                                                                                                                                                                                       |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | <p><b>DANGER!</b></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><b>WARNING!</b></p> <p>Always wear hearing and eye protection when operating this machine.</p>                                                                                                                                                                                             |
|  | <p><b>CAUTION!</b></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><b>CAUTION!</b></p> <p>Lifting point.</p>                                                                                                                                                                                                                                                  |
|  | <p><b>WARNING!</b></p> <p>Hand injury if caught in moving belt. Always replace belt guard.</p>                                                                                                                                                                                                |

## SAFETY INFORMATION

| Label                                                                               | Meaning                                                                                                                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|    | WARNING!<br>Hot surface!                                                                                                                                                                                                                                                                |
|    | Guaranteed sound power level in dB(A).                                                                                                                                                                                                                                                  |
|    | NOTICE!<br>Throttle control lever:<br>Turtle = Idle or Slow<br>Rabbit = Full or Fast                                                                                                                                                                                                    |
|   | 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 is lost or damaged. When requesting service information, the serial number should be specified of the unit. |
|  | Company logo                                                                                                                                                                                                                                                                            |
|  | WARNING!<br>Fire hazard.                                                                                                                                                                                                                                                                |
|  | WARNING!<br>Exposure hazard.                                                                                                                                                                                                                                                            |

## TECHNICAL DATA

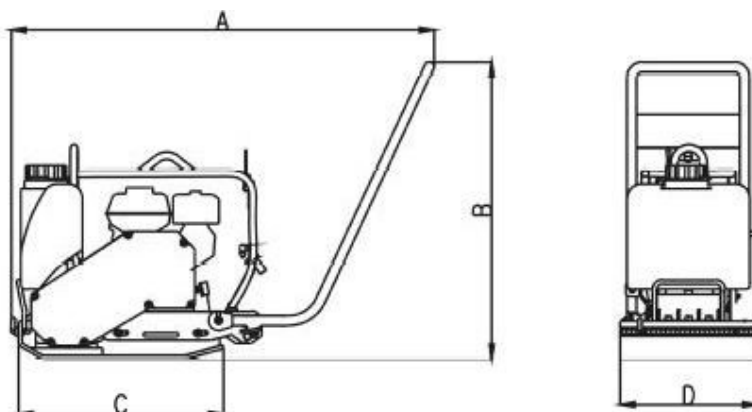
### 2. TECHNICAL DATA

|                             |                          |
|-----------------------------|--------------------------|
| Model                       | BRPFP130H                |
| Engine Type                 | Honda<br>GX160           |
| Power kw(hp)                | 4.0(5.5)                 |
| Operating Weight kg(lb)     | 85(187)                  |
| Plate Size LxW cm(in)       | 57x40(22x16)             |
| Centrifugal Force kN        | 12                       |
| Vibration Frequency vpm(hz) | 5400(90)                 |
| Travel Speed m/min(ft/min)  | 22(72)                   |
| Exciter Lubrication L       | 0.15, SG15W-40 motor oil |

## TECHNICAL DATA

|                             |                          |
|-----------------------------|--------------------------|
| Model                       | BRPFP140H                |
| Engine Type                 | Honda<br>GX160           |
| Power kw(hp)                | 4.0(5.5)                 |
| Operating Weight kg(lb)     | 115(254)                 |
| Plate Size LxW cm(in)       | 57x50(22x20)             |
| Centrifugal Force kN        | 21                       |
| Vibration Frequency vpm(hz) | 5400(90)                 |
| Travel Speed m/min(ft/min)  | 22(72)                   |
| Exciter Lubrication L       | 0.25, SG15W-40 motor oil |

Working Size (mm):



| Model     | A    | B   | C   | D   |
|-----------|------|-----|-----|-----|
| BRPFP130H | 1030 | 970 | 558 | 400 |
| BRPFP140H | 1065 | 950 | 558 | 500 |

Sound Specification (According to 2000/14/EC)

|                              |                                                    |
|------------------------------|----------------------------------------------------|
| Model                        | BRPFP130H/BRPFP140H<br>series with gasoline Engine |
| Measured sound power level   | 102dB(A)                                           |
| Guaranteed sound power level | 108dB(A)                                           |

**Vibration** Specification (According to ISO 2631 and EN 1033) : 5 m/s<sup>2</sup>

## OPERATION

### 3. Operation

#### 3.1 Operating Principle

The following instructions were compiled to provide you information on how to obtain long and trouble free use of the unit. Periodic maintenance of this unit is essential. Read the manual in its entirety and follow the instructions carefully. Failure to do so may injure yourself or a bystander.

#### 3.2 Delivery Checks

Immediately on taking delivery of your new equipment and before putting it into service;

- Read the operation manual completely—it could save a great deal of unnecessary expense.
- Read the engine manual supplied.
- Check the general condition of the equipment –has it been damaged during delivery?
- Check engine oil level.
- Check fuel levels.

Recommended lubricants are detailed in the engine manual.

#### 3.3 Before Starting

The following Pre-start-up inspection must be performed before the start of each work session or after every four hours of use, whichever is first. If any fault is discovered, the compactor must not be used until the fault is rectified.

1. Thoroughly inspect the compactor for signs of damage. Check components are present and secure. Pay special attention to the belt drive safety guard fitted between the engine and the vibrator unit.
2. Check the engine oil level and top up as necessary.
3. Check the engine fuel level and top up as necessary.
4. Check for fuel and oil leaks.

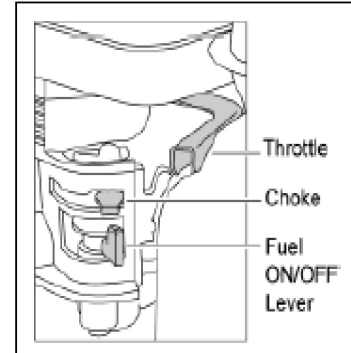
**NOTICE:** Check the oil level in the engine and exciter. Engine and compactor warranties are VOID if this unit is run without oil.

## OPERATION

### 3.4 To Start

#### 3.4.1 Gasoline Engine

1. Open the fuel tap by moving the fuel ON/OFF lever fully to the right.
2. If starting the engine from cold, set the choke ON by moving the choke lever fully to the left. If restarting a warm engine, the choke is usually not required. However, if the engine has cooled to a degree, partial choke may be required.
3. Turn the engine ON/OFF switch clockwise to the "1" position.
4. Set the throttle to the idle position by moving the throttle lever fully to the right. Do not start the engine on full throttle, as the compactor will vibrate as soon as the engine starts.
5. Taking a firm hold of the control handle with one hand, grasp the recoil starter handle with the other. Pull the recoil starter until engine resistance is felt, then let starter return.
6. Take care not to pull the starter's rope fully out, pull the starter handle briskly.
7. Repeat until the engine fires.
8. Once the engine fires gradually, set the choke lever to the OFF position by moving it to the right.
9. If the engine fails to fire after several attempts, follow the trouble-shooting guide.



## OPERATION

### 3.5 To Stop

1. To stop the engine, set the throttle to idle and turn the engine ON/OFF switch counterclockwise to the "O" position.
2. Turn the fuel off.
3. Close the fuel valve.

### 3.6 Application

|                   |                  |
|-------------------|------------------|
| Trench compaction | Earthworks       |
| Road maintenance  | Landscaping      |
| Brick paving      | Driveway topping |

### 3.7 Operation

Run engine at full throttle and allow plate to pull itself along at its normal speed. When operating it may be necessary to assist plate by pushing it forward slightly. Depending on the material being compacted, three or four passes are recommended to achieve the best compaction.

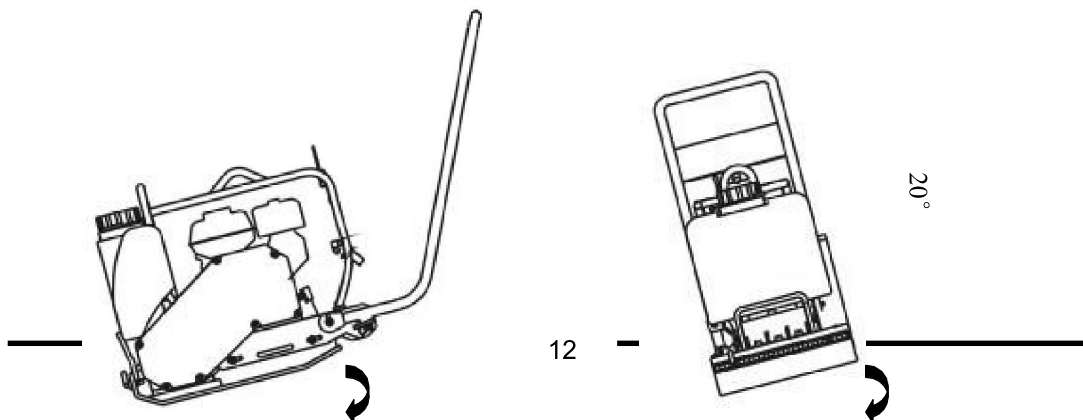
The machine is best suited to the compaction of bituminous and granular materials e.g. granular soils such as silt and clay are best compacted using the impact force produced by a vibrating rammer. Where possible the site should be graded and leveled before commencing compaction.

Correct moisture content in soil is vital to proper compaction. Water acts as a lubricant to help slide soil particles together. Too little moisture means inadequate compaction; too much moisture leaves water-filled voids that weaken the soil's load-bearing ability. Compaction of dry materials will be facilitated by moistening with a water hose fitted with a sprinkler. Excessive watering or water content will cause the machine to stall.

The optional water tank kit is recommended when the machine is used on bituminous surfaces as the water film prevents a buildup of material on the underside of the plate.

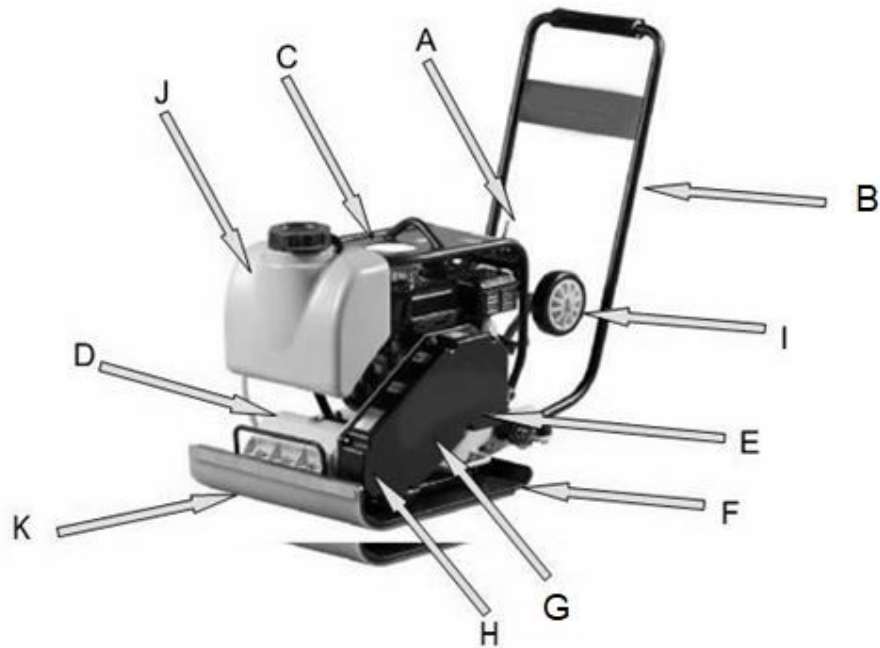
### 3.8 Maximum Operation on Slope

- 1: The operator must never stand in the direction of descent.
  - 2: Must never exceed the maximum gradient of 20°
- Max. Admissible Inclination**



## OPERATION

### 3.9 Main parts and accessories



- A. Throttle Lever
- B. Handle
- C. Protective Frame
- D. Exciter
- E. Belt cover
- F. Base plate
- G. Belt
- H. Clutch
- I. Wheel
- J. Water Tank
- K. Rubber Mat (option)

## MAINTENANCE

### 4 MAINTENANCE

#### 4.1 Periodic Maintenance Schedule

Refer to engine manufacturer's Operation Manual for additional information on engine maintenance. A copy of the engine Operation Manual was supplied with the machine when it was shipped.

|                                     | Daily | At first 20 hours | Every 50 hours | Every 100 hours | Every 200 hours |
|-------------------------------------|-------|-------------------|----------------|-----------------|-----------------|
| Starting check                      | ●     |                   |                |                 |                 |
| Loosened or lost screws             | ●     |                   |                |                 |                 |
| Damage of any part                  | ●     |                   |                |                 |                 |
| Function of controlling system part | ●     |                   |                |                 |                 |
| Exciter oil check                   |       |                   |                | ●               |                 |
| Exciter oil replacement             |       |                   |                |                 | ●               |
| V-belt (clutch) check               |       |                   |                |                 | ●               |
| Leakage of oil fuel                 | ●     |                   |                |                 |                 |
| Tightness of fastening Threads      | ●     |                   |                |                 |                 |
| Engine oil check and replenishment  | ●     |                   |                |                 |                 |
| Engine oil replenishment            |       | ●                 |                | ●               |                 |
| Air cleaner cleaning                |       |                   | ●              |                 |                 |



**CAUTION**

These inspection intervals are for operation under normal conditions. Adjust your inspection intervals based on the number hours plate compactor is in use, and particular working conditions.

#### 4.2 Exciter

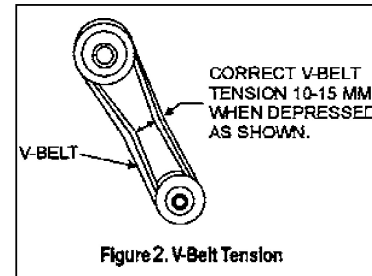
When changing the exciter oil, remove the drain plug located at the bottom-right of the vibrator, and simply tip the compactor to drain the oil. Note that the oil will drain more easily while it is hot.

## MAINTENANCE

### 4.3 V-belt and Clutch

#### 4.3.1 Checking the V-belt

After 200 hours of operation, remove the belt cover to check the V-belt tension (Figure 2). Tension is proper if the belt bends about 10mm when depressed strongly with finger between shafts. Loose or worn V-belts reduces power transmission efficiency, causing weak compaction and reduces the life of the belt itself.



**WARNING**

**NEVER** attempt to check the V-belt with the engine running. Severe injury can occur if your hand gets caught between the V-belt and the clutch. Always use safety gloves.

#### 4.3.2 Replacing the V-belt

Remove the belt cover. Engage an offset wrench (13mm) or the like to vibrator pulley (lower) fastening bolt. Engage waste cloth or the like at midway of V-belt on the left side and while pulling it back strongly, rotate the offset wrench clockwise so that the V-belt will come off. Replace V-belt by reversing procedure.

#### 4.3.3 Checking the Clutch

Check the clutch simultaneously with V-belt checking. With belt removed, check outer drum of the clutch for seizure and "V" groove for wear or damage. Clean the "V" groove as necessary. Wear of lining or shoe should be checked at this time. If the shoe is worn, power transmission becomes deficient and slipping will result.

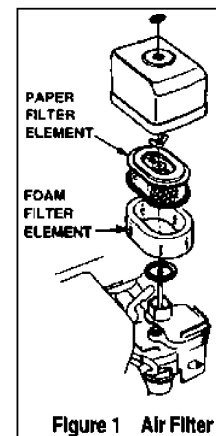


**CAUTION**

Whenever the compactor's vibration becomes weak or lost during normal operation regardless of operation hours, check the V-belt and clutch immediately.

### 4.4 Air Cleaner

1. The air filter element should be cleaned because a clogged air cleaner can cause poor engine starting, lack of power and shorten engine life substantially.
2. To clean or replace air filter loosen the wing nut on the air filter housing (Figure 1), remove the cover and take out air filter cartridge. If only cleaning of the air filter is desired blow through the air filter cartridge from the inside, moving a jet of dry compressed air up and down until all dust is removed.



## MAINTENANCE

### 4.5 Spark Plug

Check and clean spark plugs regularly. A fouled, dirty spark plug may cause hard starting and poor engine performance. Set spark plug gap to recommended clearance. Refer to engine manual.



#### **WARNING**

The muffler and engine cylinder become very hot during operation and remain hot for a while after stopping the engine. Allow engine to cool before removing spark plug.

NOTICE: A loose spark plug can become very hot and may cause engine damage.

### 4.6 Transporting Forward Plates

1. Always shut off engine when transporting machine.
2. Make sure lifting device has enough capacity to hold machine (see nameplate on machine for weight).
3. Use lifting point when lifting machine.
4. Trolley wheel is used for short distance transportation.

## MAINTENANCE

### 4.7 Troubleshooting

#### 4.7.1 Machine troubleshooting

| SYMPTOM                                      | POSSIBLE CAUSES                  | SOLUTION                                    |
|----------------------------------------------|----------------------------------|---------------------------------------------|
| Travel speed too low, and vibration is weak. | Engine speed too low?            | Set engine speed to correct RPM.            |
|                                              | Clutch slips?                    | Check or replace clutch.                    |
|                                              | V-belt slips?                    | Adjust or replace V-belt.                   |
|                                              | Excessive oil in vibration?      | Drain excess oil and fill to proper level.  |
|                                              | Malfunction in vibrator housing? | Check eccentric, gears and counter weights. |
|                                              | Bearing Failure?                 | Replace Bearing                             |
|                                              | Insufficient engine output?      | Check engine, compression etc.              |

#### 4.7.2 Engine troubleshooting

| SYMPTOM                                                                      | POSSIBLE CAUSE                              | SOLUTION                                      |
|------------------------------------------------------------------------------|---------------------------------------------|-----------------------------------------------|
| 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 ground                 | 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 spark plug.  | ON/OFF switch is shorted?                   | Check switch wiring, replace switch.          |
|                                                                              | Ignition coil defective?                    | Replace ignition coil.                        |
|                                                                              | Improper spark gap                          | Set correct spark gap                         |
|                                                                              | Spark plug wire broken or short circuiting? | Replace defective spark plug wiring           |
| Difficult to start, fuel is available, spark is present, normal compression. | Wrong fuel type?                            | Flush fuel system, and replace                |
|                                                                              | Water or dust in fuel system?               | Flush fuel system.                            |
|                                                                              | Air cleaner dirty?                          | Clean or replace air cleaner.                 |

## MAINTENANCE

| SYMPTOM                                                                         | POSSIBLE CAUSE                                          | SOLUTION                                                                   |
|---------------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------------------------------|
| Difficult to start, fuel is available, spark is present and compression is low. | Suction/exhaust valve stuck                             | 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 damaged?           | Replace head and spark plug gaskets.                                       |
| No fuel present at carburetor.                                                  | Fuel not available in fuel tank?                        | Fill with correct type of fuel.                                            |
|                                                                                 | Fuel shut off valve does not open properly?             | Apply lubricant to loosen fuel shut off valve level, replace if necessary. |
|                                                                                 | 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.                                                           |
| "Weak in power" compression is proper and does not fire.                        | Air cleaner not clean?                                  | Clean or replace air cleaner.                                              |
|                                                                                 | Improper level in carburetor?                           | Check float adjustment, re-build carburetor.                               |
|                                                                                 | Defective spark plug?                                   | Clean or replace spark plug.                                               |
| "Weak in power" compression is proper but misfires.                             | Water in fuel system?                                   | Flush fuel system, and replace with correct type of fuel.                  |
|                                                                                 | Dirty spark plug?                                       | Clean or replace spark plug.                                               |
|                                                                                 | Ignition coil defective?                                | Replace ignition coil.                                                     |
| Engine overheats.                                                               | Spark plug heat value improper?                         | Replace with correct type of spark plug.                                   |
|                                                                                 | Correct type of fuel?                                   | Replace with correct type of fuel.                                         |
|                                                                                 | Cooling fins dirty?                                     | Clean cooling fins.                                                        |
| Rotational speed fluctuates.                                                    | Governor adjusted correctly?                            | Adjust governor.                                                           |
|                                                                                 | Governor spring defective?                              | Replace governor spring.                                                   |
|                                                                                 | Fuel flow restricted?                                   | Check entire fuel system for leaks or clogs.                               |
| Recoil starter malfunction.                                                     | Recoil mechanism clogged with dust and dirt?            | Clean recoil assembly with soap and water.                                 |
|                                                                                 | Spiral spring loose?                                    | Replace spiral spring.                                                     |



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**Dear Valued Customer:**

The Brave product you just purchased is built with the finest material and craftsmanship. Use this product properly and enjoy the benefits from its high performance. By purchasing a Brave product, you show a desire for quality and durability. Like all mechanical equipment this unit requires a due amount of care. Treat this unit like the high-quality piece of machinery it is. Neglect and improper handling may impair its performance.

Thoroughly read the instructions and understand the operation before using your product. Always contact Brave Product Support at 1-800-350-8739 prior to having any service or warranty work performed, as some services performed by parties other than Brave approved service centers may void this warranty. This limited warranty is in lieu of any other warranty expressed or implied, written or oral and Brave assumes no other responsibility or liability outside that expressed within this limited warranty.

**Limited Warranty for Brave Compaction Equipment:**

BRPTR60H  
BRPTR68H  
BRPFP120H

BRPFP130H  
BRPFP140H  
BRPRP210H

BRPRP220H  
BRPPT110H  
BRPPT210H

BRPCS110H  
BRPCS210H

|                                                                                                               | Consumer Warranty Period                                                                                                                                                                                                                                                                                                                                                                                                  | Commercial Warranty Period            |
|---------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| <b>Bellow on Rammer</b>                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                           |                                       |
|                                                                                                               | 5 years from date of purchase by user                                                                                                                                                                                                                                                                                                                                                                                     | 5 years from date of purchase by user |
| <b>Gear box on Rammer or Plate Compactor</b>                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                           |                                       |
|                                                                                                               | 3 years from date of purchase by user                                                                                                                                                                                                                                                                                                                                                                                     | 3 years from date of purchase by user |
| <b>Other Equipment Parts on Rammer, Plate Compactor, Roller, Floor Saw, Power Trowel and Vibrating Screed</b> |                                                                                                                                                                                                                                                                                                                                                                                                                           |                                       |
|                                                                                                               | 2 years from date of purchase by user                                                                                                                                                                                                                                                                                                                                                                                     | 2 years from date of purchase by user |
| <b>Vibratory Poker or Submersible Pump</b>                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                           |                                       |
|                                                                                                               | 1 year from date of purchase by user                                                                                                                                                                                                                                                                                                                                                                                      | 1 year from date of purchase by user  |
| <b>Engines</b>                                                                                                | The engine warranty is covered under the terms and conditions as outlined by the engine manufactures warranty contained herein and is the sole responsibility of the engine manufacturer. Normal engine maintenance such as spark plugs, oil changes, air filters, adjustments, fuel system cleaning and obstruction due to build up is not covered by this Brave limited warranty.                                       |                                       |
| <b>Warranty Limitations</b>                                                                                   | <ul style="list-style-type: none"> <li>Wear items: 30 day limited warranty. Includes, but not limited to, all clutches.</li> <li>Any condition resulting from other than ordinary wear or any use for which the equipment was not intended</li> <li>Any condition resulting from incorrect or inadequate maintenance or care.</li> <li>Damage resulting from misuse, abuse, negligence, accidents or shipping.</li> </ul> |                                       |

**“Consumer use”** means personal residential household use by a consumer. **“Commercial use”** means all other uses, including, but not limited to, use for commercial, income producing or rental purposes or when purchased by a business.

This limited warranty applies to the original purchaser of the equipment (verification of purchase, in the form of a receipt, is the responsibility of the buyer), is non-transferable, and covers parts and labor. Parts will be replaced or repaired at no charge, except when the equipment has failed due to lack of proper maintenance. If a part is no longer available, the part may be replaced with a similar part of equal function. Any misuse, abuse, alteration or improper installation or operations will void warranty. Determining whether a part is to be replaced or repaired is the sole decision of Brave. Brave will not provide for replacement of complete products due to defective parts. Any costs incurred due to replacement or repair of items outside of a Brave approved facility is the responsibility of the buyer and not covered under warranty. Transportation costs to and from service center and/or service calls are the responsibility of the customer.

This limited warranty specifically excludes the following; failure of parts due to damage caused by accident, fire, flood, windstorm, acts of God applications not approved by Brave in writing, corrosion caused by chemicals, use of replacement parts which do not conform to manufacturer specifications, damage related to rodent and/or insect infestation and damage caused by vandalism. Additional exclusions: loss of running time, inconvenience, loss of income, or loss of use, including any implied warranty of merchantability of fitness for a specific use. Also, outdoor power equipment needs periodic parts and service to perform well, and this limited warranty does not cover instances when normal use has exhausted the life of a component or the engine.

This limited warranty does not cover any personal injury or damage to surrounding property caused by failure of any part, misuse or inability to use the product. Alteration of the product, including safety features, shall void this limited warranty.

Repair or replacement of parts does not extend the warranty period. This limited warranty gives you specific legal rights. You may also have other rights that vary by state. Please have model number, item number and serial number on hand prior to making a warranty claim or inquiry.

*For products purchased on or after July 1, 2018*

## MAINTENANCE RECORD

### PREVENTATIVE MAINTENANCE AND ROUTINE SERVICE PLAN

BravePro plate compactor has been assembled with care and will provide years of service. Preventative maintenance and routine service are essential to the long life of your plate compactor. After reading through this manual thoroughly, you will find that you can do some of the regular maintenance yourself. However, when in need of parts or major service, be sure to see your dealer. For your convenience we have provided this space to record relevant data about your plate compactor.

|                 |  |                  |  |
|-----------------|--|------------------|--|
| Invoice Number: |  | Type of Machine: |  |
| Date Purchased: |  | Dealer Name:     |  |
| Serial Number:  |  | Dealer Phone:    |  |

| REPLACEMENT PARTS USED |             |     |      |      | MAINTENANCE LOG |           |
|------------------------|-------------|-----|------|------|-----------------|-----------|
| PART NO.               | DESCRIPTION | QTY | COST | DATE | DATE            | OPERATION |
|                        |             |     |      |      |                 |           |
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**EC DECLARATION OF CONFORMITY  
CE-KONFORMITÄTSERKLÄRUNG  
DECLARACIÓN DE CONFORMIDAD DE LA CE  
DÉCLARATION DE CONFORMITÉ C.E.**

**Brave**

**20195 South Diamond Lake Road, Suite 100 Rogers, MN 55374**

hereby certifies that the construction equipment specified hereunder / bescheinigt, da. das Baugerät / certifica que la máquina de construcción / atteste que le matériel :

1. Category / Art / Categoría / Catégorie:

**Forward Plate Compactor**

2. Type / Typ / Tipo / Type:

**BRPFP130H**

**BRPFP140H**

Has been sound tested per Directive 2000/14/EC / In Übereinstimmung mit Richtlinie 2000/14/EG bewertet worden ist / Ha sido ensayado en conformidad con la norma 2000/14/CE / A été mis à l'épreuve conforme aux dispositions de la directive 2000/14/CEE:

| Conformity Assessment Procedure/<br>Konformitätsbewertungsverfahren/<br>Procedimiento para ensayar<br>conformidad / Procédé pour<br>l'épreuve de conformité | Name and address of notified<br>body / Bei folgender<br>einbezogener Prüfstelle /<br>Oficina matriculadora /<br>Organisme agréé                 | Measured sound power level /<br>Gemessener Schalleistungspegel<br>/ Nivel de potencia acústica<br>determinado / Niveau de<br>puissance acoustique fixé | Guaranteed sound power level /<br>Garantierter Schalleistungspegel /<br>Nivel de potencia acústica<br>garantizado / Niveau de puissance<br>acoustique garanti |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Annex VI / Anhang VI /<br/>Anex VI / Annexe VI</b>                                                                                                       | <b>AV TECHNOLOGY<br/>AVTECH House, Arkle<br/>Avenue, Stanley Green<br/>Trading Estate Handforth,<br/>Cheshire, SK9 3RW,<br/>United Kingdom.</b> | <b>BRPFP130H/BRPFP140H<br/>series with Gasoline Engine<br/>102dB</b>                                                                                   | <b>BRPFP130H/BRPFP140H series<br/>with Gasoline Engine 108dB</b>                                                                                              |

has been produced in accordance with the following standards:/in übereinstimmung mit folgenden Richtlinien hergestellt worden ist:/ha sido fabricado en conformidad con las siguientes normas: / a été produit conformément aux dispositions des directives européennes ci-après :

**2005/88/EC**

**2006/42/EC**

**2004/108/EC/EN55012:2007**

**EN500-1**

**EN500-4**



15.02.10

Hermann Josef Lensing

Research and Development Manager

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Date / Datum / Fecha / Date



## **Contact Us**

### **Corporate Physical Address**

**Brave**

A brand of Great Northern Equipment Distributing, Inc.  
20195 South Diamond Lake Road, Suite 100  
Rogers, MN 55374

### **Phone**

800.350.8739

### **Website**

[www.braveproducts.com](http://www.braveproducts.com)