

OPERATOR'S MANUAL



®

Plate Compactor Model PP33 Operator's Manual

FAIRPORT

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1. SAFETY

Do not operate this machine unless all guards are in position and secure.

Do not smoke when refuelling.

Do not refuel with engine running.

Wipe up spilt fuel.

Do not overfill.

Dispose of fuel contaminated wipes safely

Do not run engine in enclosed areas without adequate ventilation.

Do not run engine in an area that has a hazardous or explosive atmosphere.

Disconnect H.T. lead from spark plug on petrol engines before carrying out any maintenance.

Turn off fuel when not using machine.

Wear protective footwear, ear defenders and gloves.

Comply with site safety regulations.

Check condition of anti-vibration mounts between engine plate and base plate before lifting.

1.1 SAFETY PICTOGRAMS USED ON FAIRPORT EQUIPMENT



2. TECHNICAL DATA

Engine

Manufacturer:	Honda	Honda
Model:	G100	GX100
Net BHP at operating speed:	2.1	TBA
Operating speed, Max RPM	3900	3900
Starting:	Recoil	Recoil

Dimensions

Height including handle, mm:	885, handle in operating position
Length including handle, mm:	775, handle in operating position
Height, handle folded, mm:	440
Length, handle folded, mm:	910
Width, mm:	330

Contact area, sq. m: 0.10
Weight, kg: 41

Performance

Vibration frequency, VPM: 6882
Centrifugal force, kg: 787

Noise Emissions

Noise Levels Honda GX 100

Guaranteed Sound power level: 108. dB Lwa
Sound pressure level at Operators Ear: 90 db Lpa

Test condition: To BS 500-4 2001

Hand/Arm Vibration (maximum axis)

Honda GX160 8.2m/Sec²

Test condition: To BS 500-4 2001

3. ROUTINE MAINTENANCE

(See also the engine manufacturer's book issued with machine).

Daily: Check engine oil level twice daily.
Check tightness of all fastenings after first days use, thereafter check monthly.
Clean air filter daily if working in dusty conditions.
Clean base plate thoroughly if compacting black-top or lean concrete.

Weekly: Clean air filter (see "daily")

Monthly: Check tightness of fastenings.
Check condition of anti-vibration mounts.

The vibrator shaft bearings are pre-lubricated and 'sealed for life'.

3. STARTING THE ENGINE

Check oil level.

Turn fuel tap on.

Put speed control lever to tick-over.

If engine is cold, close the choke (petrol engines only).

Turn engine switch to ON(1) position.

Pull the starter rope toggle lightly until resistance is felt, then pull briskly using quick short pull. Do not pull rope to its full extent or allow toggle to snap back against engine. Return it gently to avoid damage.

When engine is warm open choke.

Position engine speed control lever to give required engine speed (usually full speed).

Commence vibration - the compactor is self-travelling.

To stop engine, position the engine speed control to slow and turn the engine switch to off(0).

Turn the fuel valve to off.

4. OPERATOR INSTRUCTIONS

Read section (1) - Safety.

NOTE: Drive between engine and vibrator is through a centrifugal clutch. Vibration will commence as engine speed is increased.

Position the engine speed control lever to give required speed (usually full speed).

Commence compaction. The compactor is self travelling. Its speed of travel and the number of passes required to achieve optimum compaction depends on the type and condition of material being compacted and the layer depth.

Uniformly graded granular material compacts far more efficiently than wet cohesive material.

When Compacting block paving always use a rubber attachment mat, contact your agent for details.

When compacting blacktop always use a water spray, contact your agent for details.

Do not run the machine on solid concrete surfaces, as this is likely to cause damage.

6. WARRANTY CONDITIONS AND CLAIMS PROCEDURE

All products supplied by Fairport Construction Equipment Ltd (hereafter referred to as FCE) are warranted to be free of defects due to faulty materials or workmanship for a period of 12 months from the date of original despatch from FCE or as specified below:

Hydraulic hoses and hydraulic couplings – 3 months.

Hydraulic accumulators – 6 months.

Flexible drives – 6 months.

All spare parts used in repairs carried out by FCE or an authorised dealer or repairer – 3 months.

If the goods have been purchased through a stockist the above warranty periods also apply from receipt of the goods by the user of the equipment up to a total of a further 6 months from date of despatch from FCE whichever is earlier.

Filter elements, gauges and oils are specifically excluded from this warranty.

FCE shall at their option repair or replace during normal working hours goods accepted as faulty free of charge to the user.

For proprietary items such as engines, the original manufacturer's warranty and conditions shall apply.

CONDITIONS

The goods shall be returned at the purchaser's expense to FCE or to a destination FCE may reasonably direct. Carriage costs will be refunded if warranty is accepted.

Warranty claims will not be considered where there is evidence that failure has been caused by carelessness, improper use, negligence, inadequate servicing, incorrect engine speeds, fair wear and tear or non-compliance with instructions issued by the manufacturer.

To the extent permitted by law, the liability of FCE under this section is confined only to providing a remedy for defective goods and does not extend to any consequential loss, loss of profit, injury or damage suffered.

Warranty will not be accepted on dismantled goods unless dismantling was carried out with the written permission of FCE.

No claim shall be considered if other than genuine parts supplied by FCE have been used.

Products are only covered by this warranty in the country to where they were supplied by FCE.

Warranty on products applies only to the original user of the equipment.

This warranty shall not apply if the serial number or other identifying numbers or marks applied by FCE have been removed, defaced or are otherwise illegible.

CLAIMS PROCEDURE

Check that the goods are still under warranty before returning them to FCE (see above for warranty periods).

Return the goods to FCE with an order number for the work to proceed. If warranty is accepted no charge will be made. If warranty is not accepted a quotation will be given for the repair and the conditions under the section headed REPAIRS AND ESTIMATES will apply.

In the customer's interest, goods must be accompanied by documentation detailing the nature of the fault or its symptoms. Phrases such as 'Faulty' are unacceptable and will result in delays and possible charges to defray costs incurred in identifying the fault.

In the case of hydraulic breakers and power packs, both the breaker and the pack should be returned

7. REPAIRS AND ESTIMATES

When returning a machine, or an assembly for repair, always include an Advice Note quoting model and serial number of the machine.

An official order must also be forwarded to FCE giving detailed instructions. No repair work can be carried out unless covered by an official order.

An estimate will be submitted before proceeding with any repair. To partly cover the cost in dismantling, cleaning and inspection, a small charge will be made, this however will be waived upon receipt of your official instructions to proceed with the repair.

In the event of the estimate not being accepted, a further charge will be made to defray the rebuilding of the machine.

Estimates must be treated as approximate only as it may be found necessary to use additional parts on further examination.

EC Declaration of Conformity

We Fairport Construction Equipment Limited

Blagden Street

Sheffield

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Declare that the product

PP 33 Fitted with Honda GX100 engine

Manufactured from 1 Sept 2004

conforms to the following Directives:

89/336/EEC, 89/392/EEC, 91/368/EEC, 2000/14/EC

uses the following standards:

BS EN 292-1, BS EN 292-2, BS EN 294

conforms to the following Statutory Instruments

The Supply of Machinery (Safety) Regulations 1992 & amendments

Complies with the relevant essential health and safety requirements of the Machinery Directive

Technical Construction File no. **93075**

Noise Construction Technical File **PP33 2004**



Technical Manager

Signature	Position
R.J.Castle I.Eng M.I.Mech.E.	12/12/2005
Signed by	Date