

BELLE
LIGHT
CONSTRUCTION
EQUIPMENT

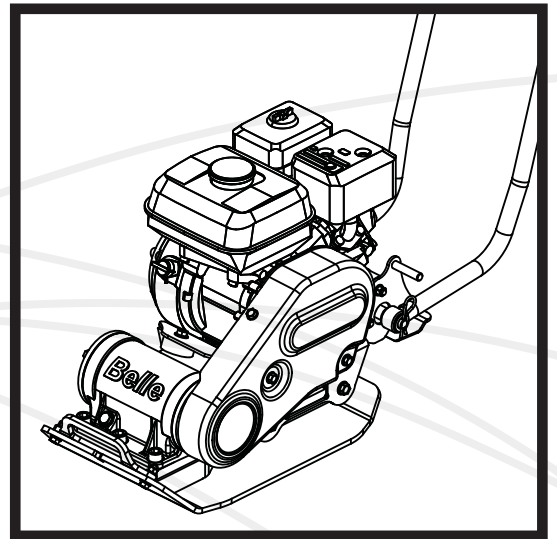


Altrad-Belle.com

PCEL 32X

GB Operators Manual

4



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UKCA Declaration of Conformity

3

EC/EU Declaration of Conformity

Declaration Of Conformity (DOC)

We, **Altrad Belle, Sheen, Nr. Buxton, Derbyshire, SK17 0EU, GB** declare that the DoC is issued under our sole responsibility and belongs to the followings product(s):



PRODUCT TYPE

MODEL.....

SERIAL No.....

DATE OF MANUFACTURE

SOUND POWER LEVEL
MEASURED /
.....(GUARANTEED)

WEIGHT.....



Object of the Declaration:

Single-direction plate compactor used for soil compaction on new developments, repairs and maintenance jobs with large aggregates, cohesive material or moist content.

The object of the declaration described above is in conformity with the relevant **Statutory Requirements**:

- **2008 No. 1597** Supply of Machinery (Safety) Regulations 2008
- **2001 No. 1701** Noise Emission in the Environment by Equipment for use Outdoors Regulations 2001

The following designated standards and technical specifications have been applied:

- **EN ISO 12100:2010** Safety of machinery
- **EN 500-4:2011** Mobile road construction machinery. Safety.
- **ISO 3744:2010** Acoustics — Determination of sound power levels and sound energy levels of noise sources using sound pressure

ANP CERTIFICATION LTD. (Approved Body, number 8500) 2 Parkfield Street, Manchester, M14 4PN, UK carried out Internal Control of Production with Assessment of Technical Documentation and Periodical Checking as per Schedule 9 of SI 2001 1701

Technical Files are held by **Ray Neilson** at the Altrad Belle address stated above:-

Place of Declaration:-

Sheen,
Nr. Buxton,
Derbyshire,
SK17 0EU,
UK

Date of Declaration:-

February 2026

Signed by:

Mark Pickard

Managing Director
On behalf of Altrad Belle
Sheen, Derbyshire, UK



EC Declaration Of Conformity (DOC)



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Signed by:

Mark Pickard

Managing Director

On behalf of Altrad Belle, Sheen, Derbyshire, UK

Place of Declaration:-

Sheen, Nr. Buxton, Derbyshire, SK17 0EU, UK

Date of Declaration:-

February 2026

Object of the Declaration:

Single-direction plate compactor used for soil compaction on new developments, repairs and maintenance jobs with large aggregates, cohesive material or moist content.

The object of the declaration described above is in conformity with the relevant **Union Harmonisation Legislation:**

- **2006/42/EC** - New machinery directive

- **2000/14/EC** - Noise - equipment for use outdoors

The following harmonised standards and technical specifications have been applied:

- **EN ISO 12100:2010** Safety of machinery
- **EN 500-4:2011** Mobile road construction machinery. Safety.
- **ISO 3744:2010** Acoustics — Determination of sound power levels and sound energy levels of noise sources using sound pressure

VINÇOTTE nv/sa (NB0026) located at Jan Olieslagerslaan 35, 1800 Vilvoorde, Belgium, carried out Internal Control of Production with Assessment of Technical Documentation and Periodical Checking as per Annex VI of 2000/14/EC

Technical Files are held by **Armand Trenel** at the following address:-

Altrad Investment Authority SAS: 150 Rue Le Pérugin, 34000 Montpellier, France.



EU Declaration Of Conformity (DOC)



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PRODUCT TYPE

MODEL.....

SERIAL No.....

DATE OF MANUFACTURE

SOUND POWER LEVEL
MEASURED /
.....(GUARANTEED)

WEIGHT.....

Signed by:

Mark Pickard

Managing Director

On behalf of Altrad Belle, Sheen, Derbyshire, UK

Place of Declaration:-

Sheen, Nr. Buxton, Derbyshire, SK17 0EU, UK

Date of Declaration:-

February 2026

Object of the Declaration:

Single-direction plate compactor used for soil compaction on new developments, repairs and maintenance jobs with large aggregates, cohesive material or moist content.

The object of the declaration described above is in conformity with the relevant **Union Harmonisation Legislation:**

- **2014/30/EU** - EMC Directive

The following harmonised standards and technical specifications have been applied:

- **EN ISO 12100:2010** Safety of machinery
- **EN 500-4:2011** Mobile road construction machinery. Safety.
- **ISO 3744:2010** Acoustics — Determination of sound power levels and sound energy levels of noise sources using sound pressure

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Introduction



The purpose of this publication is to enable the owner/operator to maintain and use the machine efficiently. If these instructions are followed carefully they will contribute to years of efficient and profitable operation of the machines in the true Altrad Belle tradition.

The variations in operating conditions make it impossible for the company to make comprehensive or definite statements in its publications regarding performance and methods of use of its machines, or to accept any liability for any loss or damage which may result from these statements, or from any errors or omissions.

When replacements are required, insist on genuine Altrad Belle parts, as extensive damage is liable to result from the use of inferior quality parts.

In accordance with the company's policy of continuous improvement to its machines, alteration to the specifications of machines may be made at any time without notice and the company accepts no responsibility for any discrepancies which may occur between the specifications of its machines and the descriptions thereof contained in this publications.

This manual has been written to include all factory fitted options and specifications for world-wide use, but this does not imply that all or any of these are included in the standard machine configuration. Therefore local Altrad Belle Dealer's must always be consulted about machine specifications.

This manual may not in part, or in whole, be copied, photocopied, reproduced, translated, or converted to any electronic or machine readable form without written consent of Altrad Belle.

Directives with regard to the notations.

Text in this manual to which special attention must be paid are shown in the following way:



CAUTION

The product can be at risk. The machine or yourself can be damaged or injured if procedures are not carried out in the correct way.



WARNING

The life of the operator can be at risk.

WARNING



WARNING

*Before you operate or carry out any maintenance on this machine **YOU MUST READ** and **STUDY** this manual.*

KNOW how to safely use the unit's controls and what you must do for safe maintenance. (NB Be sure that you know how to switch the machine off before you switch on, in case you get into difficulty.)

ALWAYS wear or use the proper safety items required for your personal protection. If you have **ANY QUESTIONS** about the safe use or maintenance of this unit, ASK YOUR SUPERVISOR OR CONTACT: **Altrad Belle (UK): +44 (0) 1298 84606**



Serial Numbers

ENSURE you make a note of the serial numbers of your machine and always quote them in any communication with Altrad Belle or one of our dealers.

A - MACHINE SERIAL NUMBER

B - ENGINE SERIAL NUMBER



Machine Description

GENERAL

A sub-50kg lightweight professional compaction plate with low hand arm vibration and high performance compaction.

Specifically designed to offer excellent portability and manoeuvrability on site. The ideal “patching” plate.

STANDARD OPERATION

The machine is intended to be used for the following, in safe environmental conditions as described in this manual.

- Cohesive materials (less than 20% granular) e.g clay, silt & heavy soils.
- Granular materials (more than 20% granular) e.g hard core, sand & light soils.
- Bituminous materials e.g asphalt (tarmac), cold lay (bitumin emulsion products).

Any other use is not deemed suitable for this machine. Altrad Belle will not liable for any damage or injury resulting from any use other than outlined above. The operator will be liable.

Any unauthorised modifications or attachments are prohibited. They may affect the performance and safety of the machine, potentially resulting in damage to the machine or injury to the operator.

Use of non-genuine replacement parts may also affect the performance and safety of the machine. potentially resulting in damage to the machine or injury to the operator.

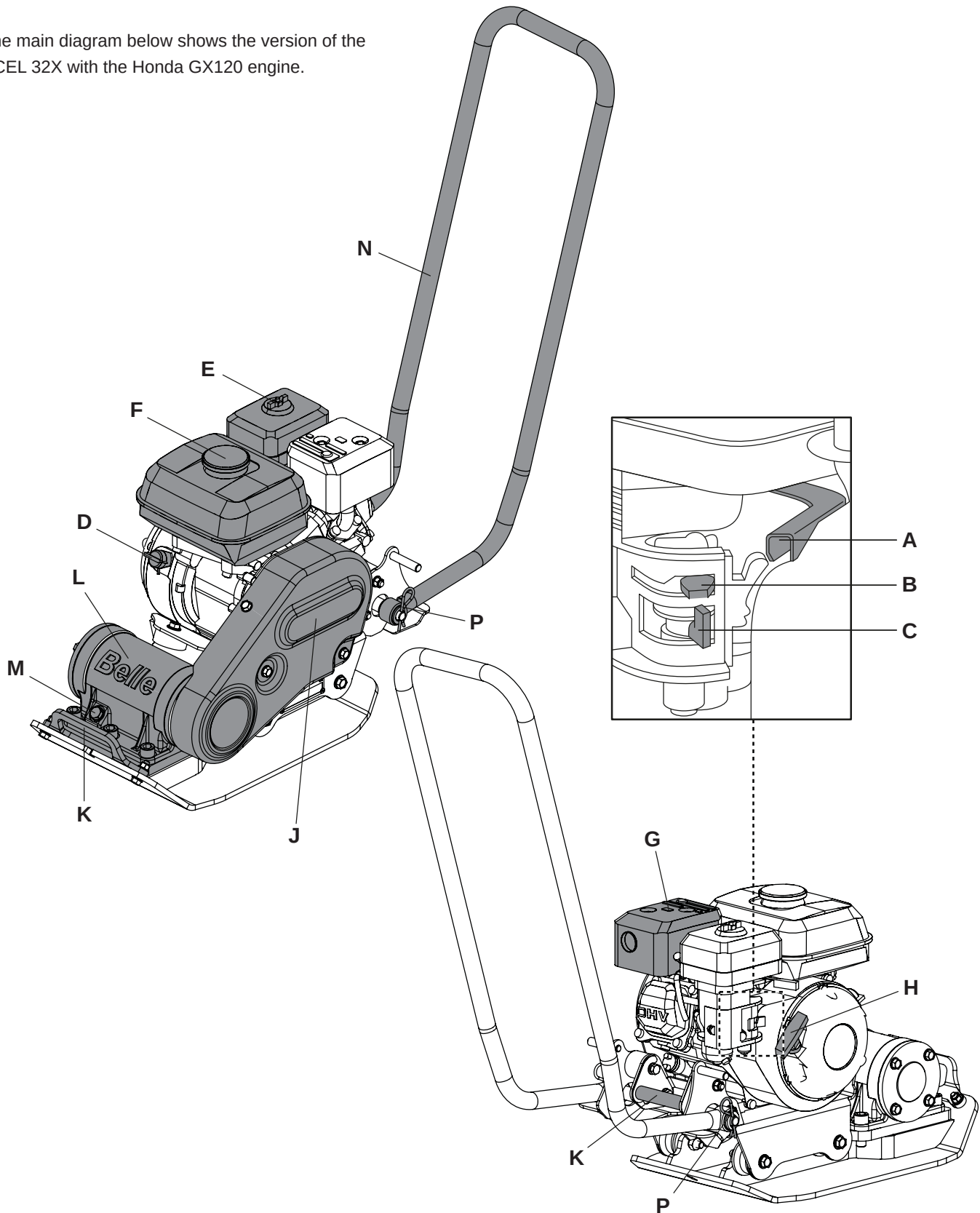
DANGER ZONE

The danger zone is the area around the machine in which persons are endangered during standard operation as outlined above.

During operation of the machine, cordon off the work area and keep members of the public and unauthorized personnel at a safe distance away from the danger zone.

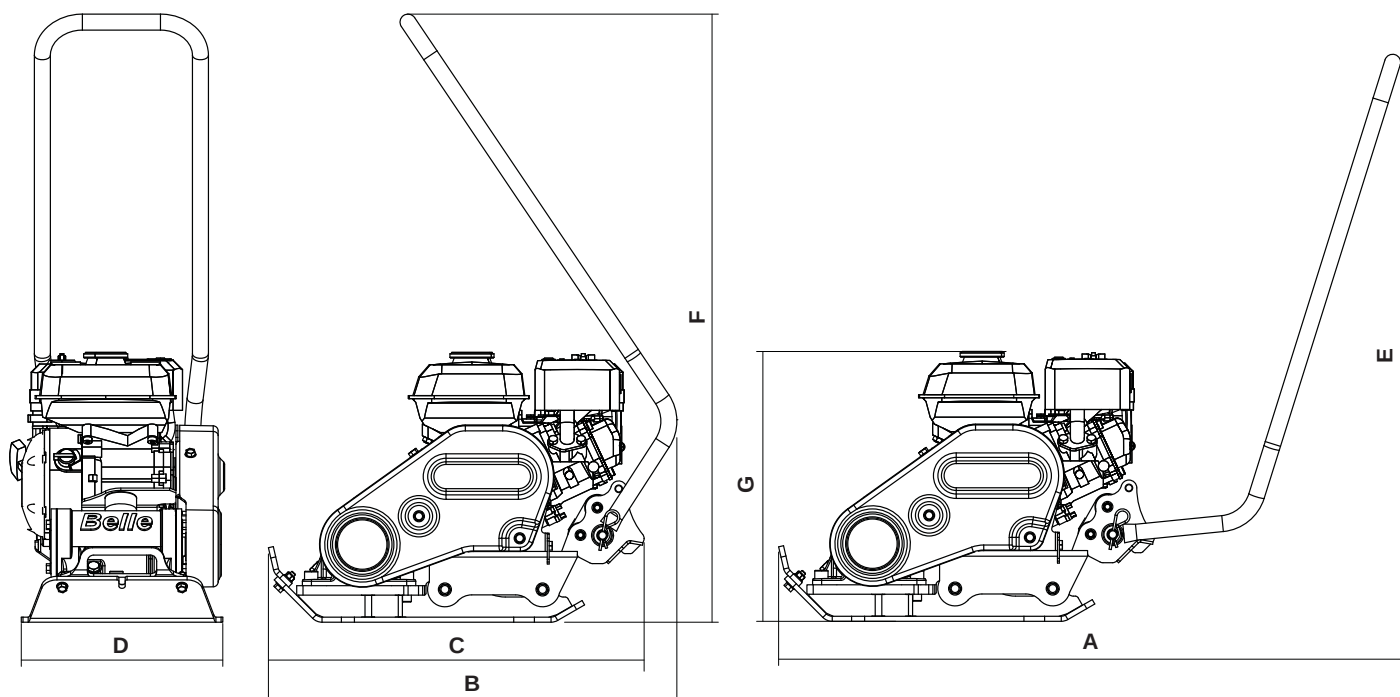
MAIN COMPONENT LOCATIONS

The main diagram below shows the version of the PCEL 32X with the Honda GX120 engine.



- A. Throttle lever.
- B. Choke lever.
- C. Fuel ON / OFF lever.
- D. Engine ON / OFF switch.
- E. Air Filter Housing.
- F. Fuel Tank.
- G. Exhaust.

- H. Recoil Starter Handle.
- J. Belt Guard.
- K. Hand Lifting Points.
- L. Vibrator / Vibrator Housing.
- M. Vibrator Oil Check Plug.
- N. Control Handle.
- P. Handle Securing Clips

STATIC DIMENSIONS

Model	Honda GX120	Loncin H135
A - Operating Length (mm)	986	986
B - Storage Length (mm)	649	649
C - Storage Length - Handle Removed (mm)	597	597
D - Width (mm)	320	320
E - Operating Height (mm)	903	903
F - Storage Height (mm)	966	966
G - Storage Height - Handle Removed (mm)	429	429

GENERAL DATA

Model	Honda GX120	Loncin H135
Engine Power (Hp / kW)	**3.2 / 2.4	3.5 / 2.6
Engine RPM	3800	3800
Vibrator Force (KN)	11	11
Frequency (Hz)	101	101
Static Pressure (kg/m ²)	445	451
Max. Gradient (°)	20	20
Max. Travel Speed (m/min)	23	23
*Vibration Level (m/s ²)	4.43	4.43
Weight (kg)	49.0	49.6
Sound Power Level (dB(A))	105	105

GENERAL SAFETY

For your own personal protection and for the safety of those around you, please read and ensure you fully understand the following safety information. It is the responsibility of the operator to ensure that he/she fully understands how to operate this equipment safely. If you are unsure about the safe and correct use of the machine, consult your supervisor or Altrad Belle.



WARNING

Improper maintenance can be hazardous. Read and Understand this section before you perform any maintenance, service or repairs.

This machine is designed to eliminate the possible risks arising from the use of it. However, risks **DO** reside, and these residual risks are not clearly recognizable, and may cause personal injury or property damage, and possible death. If such unpredictable and unrecognizable risks become apparent, the machine must be stopped immediately, and operator or his supervisor must take appropriate measure to eliminate such risks. It is sometimes necessary that the manufacturer must be informed of such event for future counter measuring.

ALWAYS keep the Operator's Manual and any other manuals that accompany this machine to hand. Immediately replace any manuals that may have been lost or are now illegible.

PRE-START CHECKS

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. Please refer to the service section for detailed guidance. If any fault is discovered, the machine must not be used until the fault is rectified.

1. Thoroughly inspect the machine for signs of damage. Check components are present and secure.
2. Check hoses, filler openings, drain plugs and any other areas for signs of leakage. Fix any leaks before operating.
3. Check the engine oil level and top up as necessary.
4. Check the engine fuel level and top up as necessary.
5. Check for fuel and oil leaks.
6. **ENSURE** there is no debris or excessive dirt present on the machine.
7. **DO** replace any worn/damaged warning decals.

Once all the above checks have been made, test run the machine checking that all switches function correctly and all indicators light when the power unit is turned on.

WORKSITES

- **ENSURE** the operator is familiar with the working surroundings. Worksites can be hazardous.
- **ALWAYS** keep the work area tidy and clear of any obstructions that may lead to accidents and/or injuries.
- Cordon off the work area and keep members of the public and unauthorized personnel at a safe distance.
- This machine is heavy and must not be lifted single-handedly, either **GET HELP** or use suitable lifting equipment. A Wheel Kit Transport option is also available for this machine (see our website Altrad-Belle.com)

OPERATING THE MACHINE

- **ENSURE** the operator has had adequate training prior to use, is familiar with all controls and knows how to safely switch the machine **OFF** before it is switched **ON** in case you get into difficulty.
- Suitable PPE **MUST** be worn when using this equipment i.e. Safety Goggles, Gloves, Ear Defenders, Dust Mask and Steel Toe capped footwear (with anti-slip soles for added protection). Wear clothing suitable for the work you are doing and **DO NOT** wear loose jewellery that could be caught in moving parts
- **ALWAYS** inform colleagues of what you will be doing and where you will be working.
- **DO NOT** operate the machine when you are ill, feeling tired, or when under the influence of drugs / alcohol.
- **NEVER** leave the power unit running and unattended.
- **NEVER** remove or tamper with any guards fitted, they are there for your protection. Always check guards for condition and security, if any are damaged or missing, **DO NOT USE THE MACHINE** until the guard has been replaced or repaired.
- When working on a gradient **ALWAYS** work up and down the slope, not across.
- **ALWAYS** proceed with caution when working around utilities (gas, water pipes electrical lines)
- **ENSURE** extra care is taken when working near to banks or trenches where there is a danger of the material collapsing.
- When working within trenches or pits **ALWAYS** pay attention to the side walls as the vibration from the machine could cause them to collapse.
- Some vibration from the compaction operation is transmitted through the handle to the operator's hands. The Altrad Belle Plate Compactor range has been specifically designed to reduce hand/arm vibration levels. Refer to the Technical Data section for vibration levels and usage times (recommended maximum daily exposure time). **DO NOT** exceed the maximum usage times.

OPERATING THE MACHINE CONT.

- The compacting process will occasionally produce dust, which may be hazardous to your health. Always wear a mask that is suited to the type of dust being produced.
- Check for visible damage to the ON/OFF button and housing. If damaged **DO NOT** operate the machine and arrange for repair.
- If your machine catches fire, use a dry powder or CO2 fire extinguisher to put out the fire. If the fire can not be put out, keep away and call the fire brigade. If you are in any doubt about the safety condition of your machine, please contact Altrad Belle or your local authorised dealer.

When Operating the Compactor

- Keep unauthorised persons & animals away.
- **DO NOT** expose the motor power unit to excessive amounts of water or pressurised jets of water.
- **ALWAYS** close the protective covers on the machine when in operation or stored outside.
- **DO NOT** obstruct any ventilation holes or vents
- **DO NOT** operate the machine in explosive atmospheres, such as in the presence of flammable liquids, gases or dusts
- **AVOID** damaging the motor housing. **DO NOT** drop or rest the machine onto its motor housing. **DO NOT** rest heavy or sharp objects on the housing during storage or transportation.
- **DO** maintain the machine in good working order. Clean regularly and ensure all covers, guards & warning decals are in place. Clean the machine with a stiff non-metallic brush and a damp cloth with mild soap. **DO NOT** use solvents or harsh chemicals for cleaning non-metallic parts of the machine. These chemicals may weaken the materials. **DO NOT** immerse parts in water or allow water to enter the vents and openings of the motor housing.

WEATHER CONDITIONS

- We recommended that this machine not be used in heavy rain.
- Rain can alter the condition of the worksite surface area. **ALWAYS** be aware of the condition of the surface after it has rained.
- Operating the machine in poor visibility can result in serious injury or even death. **ALWAYS** use your lights to improve the visibility of the area.

DURING MAINTENANCE

- Carry out maintenance and repair work only if the machine is positioned on stable and level ground and has been secured against inadvertent movement.
- **NEVER** service the machine while the power unit is running, always switch **OFF**.
- Clean the machine, especially connections and threaded unions, before carrying out maintenance/repair.
- When dismantling assemblies containing components under pressure from springs, always wear suitable PPE. This will protect against eye injuries from accidental flying components.
- When handling oil, grease and other chemical substances, observe the product related safety regulations.

AFTER MAINTENANCE

- **ALWAYS** tighten any screwed connections that have been loosened during maintenance and repair.
- Any safety devices removed for set-up, maintenance or repair purposes must be refitted and checked immediately upon completion of the maintenance and repair work.
- **ENSURE** that all consumables and replaced parts are disposed of safely and with minimum environmental impact.

MODIFICATIONS & REPLACEMENT PARTS

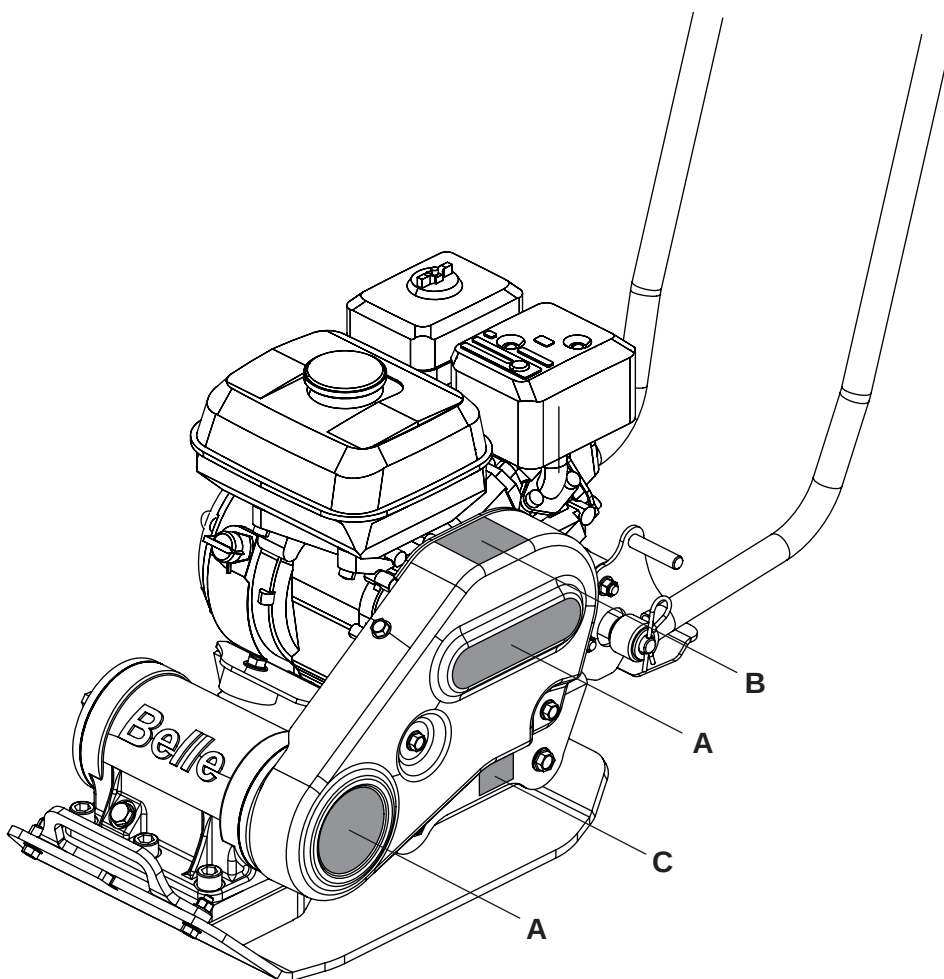
- **NEVER** make any modifications or additions to the machine without the prior approval of Altrad Belle. Any unapproved modifications may affect the performance and safety of the machine. This may also void the Warranty.
- **ALWAYS** use genuine Altrad Belle replacement parts. Use of non-genuine replacement parts may affect the performance and safety of the machine. This may also void the Warranty.

Genuine Altrad Belle replacement parts can be purchased online at www.Altrad-Belle247.com

SAFETY DECALS

The diagram below shows the version of the PCEL 32X with the Honda GX120 engine.

- A. Branding Decals
- B. Noise Decal
- C. Safety Decal

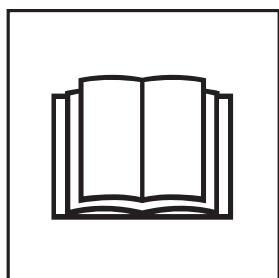


A. Branding Decals

B. Noise Decal

Shows the noise level of the machine during operation.

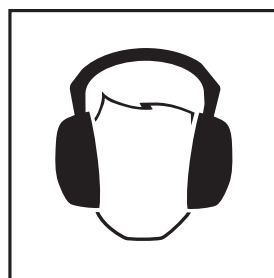
C. Safety Decal



**Please Read
Operators Manual**



**Wear Protective
Footwear**



**Wear Ear
Protection**



**Wear Eye
Protection**

REASONS FOR COMPACTION

Soil, which has been disturbed or new infill, subbase and blacktop, will have small voids or air pockets which, if not compacted, will lead to one or more problems occurring.

1. As traffic crosses the surface of an uncompacted area, the material is compressed. This leads to subsidence of the top surface as the material fills the voids.
2. A similar situation occurs with static loads on uncompacted ground. The load (e.g. a building) will sink.
3. Materials with voids are more susceptible to water seepage, leading to erosion. Water ingress may also cause the soil to expand during freezing temperatures and contract during dry spells. Expansion and contraction is a major cause of damage to building foundations and normally leads to the structure requiring underpinning.
Compaction increases the density of the material and therefore increases its load bearing capacity. Reduces air voids and therefore reduces the risk of subsidence, expansion and contraction, due to ingress of water.

APPLICATIONS

Applications/materials fall into three categories:

1. Cohesive materials (less than 20% granular) e.g clay, silt & heavy soils.
2. Granular materials (more than 20% granular) e.g hard core, sand & light soils.
3. Bituminous materials e.g asphalt (tarmac), cold lay (bitumin emulsion products).

COMPACTION SPECIFICATION

Various methods have been employed in the past to specify the compaction required for various applications. The factors to consider are, material properties, layer thickness, pressure applied, vibration and number of passes. Greater understanding of how compaction works has led to new compaction specifications being introduced. The most up to date specification is part of the U.K.'s NRSWA (New Roads & Street Works Act). Civil Engineers are now adopting these specifications to ensure good compaction for all site work.

OPERATING THE MACHINE

Having carried out the Pre-Start Checks listed in the Safety Instructions section of this manual, you may start the power unit.

The vibrator will not only cause the baseplate to vibrate but will also cause the machine to travel forward. During normal operation you should not have to push the machine forwards but allow it to travel at its own pace. The speed of travel will be determined by the condition of the surface being compacted.

If the surface to be compacted is on a slope, great care must be taken when controlling the machine's direction of travel. If necessary, use a suitable rope attached to the machine at a low point on the chassis, to allow a helper to take part of the machine's weight. Work up and down a slope not across.

Work the compactor over the surface in an organised pattern until the required compaction has been achieved.
Where there are a number of different layers to be compacted on top of each other, compact each layer individually.



WARNING

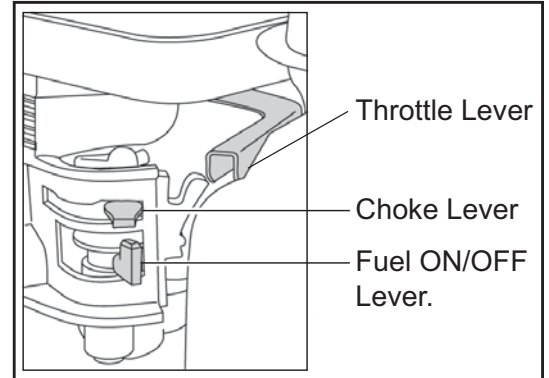
Before you operate or carry out any maintenance on this machine YOU MUST READ and STUDY this manual.

STOPPING THE ENGINE - HONDA GX120

- Switch **OFF** the engine.
- Turn the fuel tap to the **CLOSED** position.

STARTING THE ENGINE - HONDA GX120

- Open the fuel tap by moving the fuel **ON / OFF** lever fully to the right.
- 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.
- Turn the engine **ON / OFF** switch clockwise to the 'I' position.
- Set the throttle to the idle position by moving the throttle lever fully to the right.
- Taking a firm hold of the frame with one hand, grasp the recoil starter handle with the other. Pull the recoil starter until engine resistance is felt, then let starter return.
- Taking care not to pull the starter's rope fully out, pull the starter handle briskly.
- Repeat until the engine fires.
- Once the engine fires gradually set the choke lever to the **OFF** position by moving it to the right.
- If the engine fails to fire after several attempts, follow the Troubleshooting Guide.
- To stop the engine, set the throttle to idle and turn the engine **ON / OFF** switch anticlockwise to the '0' position.
- Turn the fuel **OFF**.



STOPPING THE ENGINE - LONCIN H135

- Move the throttle lever to the **SLOW** position.
- Turn the engine switch to the **OFF** position.
- Turn the fuel valve lever to the **OFF** position.

STARTING THE ENGINE - LONCIN H135

- Move the fuel valve lever to the ON position.
- To start a cold engine, move the choke lever to the CLOSE position. To restart a warm engine, leave the choke lever in the OPEN position.
- Move the throttle lever away from the SLOW position, about 1/3 of the way toward the FAST position.
- Turn the engine switch to the ON position.
- Pull the starter grip lightly until you feel resistance, then pull briskly. Return the starter grip gently.
- If the choke lever has been moved to the CLOSE position to start the engine, gradually move it to the OPEN position as the engine warms up.



Operating Instructions

TRANSPORTATION



WARNING

***NEVER** leave the engine running whilst transporting or moving the plate compactor, even if it is only a short distance.*

Transporting the machine is a 2 person operation. Use the provided Hand Lifting Points (See Machine Description section)
DO NOT use a Mechanical Hoist on the Hand Lifting Points.



Storage

If the machine is not to be used for an long period of time it must be stored correctly to prevent deterioration or damage occurring during this period.

Store the machine in a clean dry building with plenty of ventilation if possible. If you can only store outdoors, cover with a waterproof sheet / tarpaulin.

PREPARING THE MACHINE FOR STORAGE

1. Clean the machine and remove all unwanted material / debris.
2. Dry the machine to remove any moisture.
3. Apply grease to any moving parts / grease points.
4. Examine the machine for any worn / damaged parts. Replace if necessary.

STORING THE MACHINE

1. Place the machine safely on stable, level ground.
ENSURE there is sufficient room around the machine to be able to carry out any service or maintenance procedures during the storage period.

DURING STORAGE

To prevent the build up of rust and to minimise the risk of seizures, periodically operate all machine functions during storage.

1. Start the machine.
2. Operate the machine to **ENSURE** it operates correctly.
3. Re-do storage procedure from above.

REMOVING THE MACHINE FROM STORAGE

1. Carry out the Pre-Start Check procedure.
2. Operate the machine as per the operating instructions in this manual.

Troubleshooting Guide



Problem	Cause	Remedy
Engine will not start.	No fuel.	Open fuel tap. Fill fuel tank.
	Engine switched off.	Switch engine on.
	Spark plug fouled.	Clean and reset plug gap.
	Engine cold.	Close choke.
	Engine flooded.	Open choke, fully open throttle, pull recoil starter until engine fires.
Engine still will not start.	Major Fault	Contact Agent or Altrad Belle.
Unit will not vibrate.	Engine speed too slow.	Set engine speed control to fast.
	Drive belt tension loose.	Adjust belt tension.
	Air filter blocked	Clean or renew air filter.
	Drive failure.	Contact Agent or Altrad Belle.
	Vibrator failure.	Contact Agent or Altrad Belle.
Asphalt adhering to plate.	Lack of lubrication.	Use a water spray system.
Bituminous surface flaking (laminating).	Over compaction.	Remove and relay.
Low travel speed (plate sinking).	Layer thickness too deep.	Remove some of the material.
	Moisture content too high or too low.	Remove material and adjust.
Paving blocks damaged.	Plate in direct contact with material.	Use a paving pad.

Environment



Safe Disposal.

Instructions for the protection of the environment.
The machine contains valuable materials.
Take the discarded apparatus and accessories to the relevant recycling facilities.

Component	Material
Handle	Steel
Belt Guard	HDPE
Engine	Aluminium
Main Frame	Steel
Baseplate	Steel
Vibrator Housing	Aluminium
Eccentric Weights	*See Below
Various Parts	Steel and Aluminium

GENERAL

This machine is designed to give many years of trouble free operation. It is, however, important that the simple regular maintenance listed in this section is carried out. All maintenance procedures must be carried out by a competent, suitably qualified person.

A poorly maintained machine could be a danger to the operator and the other personnel on the worksite. **ENSURE** that the regular maintenance procedures listed in this manual are performed correctly and on time to keep the machine safe and efficient.

ALWAYS use genuine Altrad Belle replacement parts, the use of spurious parts may void your warranty.

Before any maintenance is carried out on the machine, switch off the machine and **ALWAYS** set the machine on stable, level ground.

ENSURE any faults identified during maintenance procedures are addressed and corrected immediately.

RUNNING IN PERIOD

When the compactor is first used from new, the engine oil must be changed after the initial running in period (see engine manual for full detail). The vibrator shaft case oil must be replaced after the first 100 hours use, then after every 500 working hours. For detail on vibrator shaft case oil replacement, see 'Vibrator unit'. The belt tension should be checked after 4 hours use.

Routine Maintenance		First 4 Hours	First Month / 20 Hours	3 Months / 50 Hours	6 Months / 100 Hours
Engine Oil	Check Level	✓			
	Change		✓		✓
Air Filter	Check Condition / Clean		✓		✓
	Replace when necessary / Every 12 months				
Spark Plug	Change				✓
Drive Belt	Tension	✓	✓	✓	

Oil / Fuel Type & Quantity - Spark Plug Type

	Oil Type	Quantity (Litre)	Fuel Type	Capacity (Litre)	Spark Plug Type	Electrode Gap (mm)
Petrol Honda GX120	S.A.E. 10W 30	0.6	Unleaded	2.5	BM6ES or BPR6ES	0.7 - 0.8
Petrol Loncin H135	S.A.E. 10W 30	0.6	Unleaded	2.5	F7RTC or equivalent	0.7 - 0.8
Vibrator	S.A.E. 10W 40	0.22	N/A	N/A	N/A	N/A

DRIVE BELT

Remove the belt guard then check the belt tension by placing light finger pressure on the top of the belt, as near central between the engine drive and vibrator pulley. The belt should deflect by between 5mm and 10mm.

If the belt tension requires adjustment, loosen the four engine mount bolts enough to allow the engine to be moved. Adjust the engine's position by turning the tension bolt clockwise to increase belt tension, anti-clockwise to decrease. Once set, retighten the engine mount bolts and check the belt tension a second time.

Finally, replace the belt guard ensuring it is correctly and securely fitted.

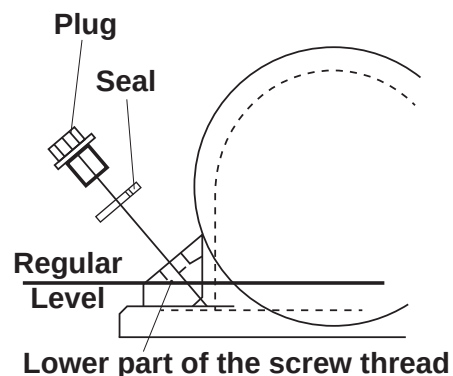
VIBRATOR UNIT

Place the machine safely on stable, level ground. Remove the plug complete with seal, check that the oil level reaches the bottom thread on the oil plug hole. Top up as necessary with the correct oil (see chart above).

CLEANING

Keeping the machine clean is an integral part of the service and maintenance program.

The build-up of mud, dirt and debris could potentially affect the operating safety of the machine, exposing both the operator and other personnel to potentially hazardous situations.



Warranty



Your new Altrad Belle PCEL 32X Single Direction Plate Compactor is warranted to the original purchaser for a period of one-year (12 months) from the original date of purchase. The Altrad Belle warranty is against defects in design, materials and workmanship.

The following are not covered under the Altrad Belle warranty:

1. Damage caused by abuse, misuse, dropping or other similar damage caused by or as a result of failure to follow assembly, operation or user maintenance instructions.
2. Alterations, additions or repairs carried out by persons other than Altrad Belle or their recognised agents.
3. Transportation or shipment costs to and from Altrad Belle or their recognised agents, for repair or assessment against a warranty claim, on any machine.
4. Materials and/or labour costs to renew, repair or replace components due to fair wear and tear.

The following components are not covered by warranty.

- Drivebelt/s
- Engine air filter
- Engine spark plug

Altrad Belle and/or their recognised agents, directors, employees or insurers will not be held liable for consequential or other damages, losses or expenses in connection with or by reason of or the inability to use the machine for any purpose.

Warranty Claims

All warranty claims should firstly be directed to Altrad Belle, either by telephone, by Fax, by Email, or in writing.

For warranty claims:

Tel: +44 (0)1298 84606

Fax: +44 (0)1298 84073

Email: warranty.dept@altrad-belle.com

Write to:

Altrad Belle Warranty Department, Sheen, Nr. Buxton, Derbyshire, SK17 0EU, England.

Warranty Registration:

In the bid for ALTRAD Belle to become greener and more eco friendly, we have now introduced online Warranty registration. To access the registration page of our website, please use the following address:-

http://www.bellegroup.com/index.php?p=warranty_registration

Alternatively, please scan the adjacent QR Code (Quick Response Code) using your smartphone to access the registration page.



Replacement Parts



When maintaining this product only the manufacturers original, genuine replacement parts may be used.

The user will lose any possible claims if replacement parts used are other than the makers original replacement parts.

Replacement parts for this product can be ordered online 24 hours a day, 7 days a week at www.Altrad-Belle247.com

For more information regarding the availability of replacement parts for this product, please contact Altrad Belle using the following contact details:-

Tel:- +44 (0)1298 84606

Fax:- +44 (0)1298 84073

Email:- sales@altrad-belle.com

Alternatively, please scan the adjacent QR Code (Quick Response Code) using your smartphone to access the Altrad Belle online parts portal.





BELLE
LIGHT
CONSTRUCTION
EQUIPMENT

Altrad Belle

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EU IMPORTER ADDRESS

*ADRESSE DE L'IMPORTATEUR - DIRECCIÓN DEL IMPORTADOR - ENDEREÇO DO IMPORTADOR - ADRES IMPORTEUR
IMPORTØRENS ADRESSE - IMPORTEUR ADRESSE - INDIRIZZO DELL'IMPORTATORE - IMPORTÖRENS ADRESS - IMPORTØRADRESSE
MAAHANTUOJAN OSOITE - ADRES IMPORTERA - IMPORTIJA AADDRESS - IMPORTÉTĀJA ADRESE - IMPORTUOTOJO ADRESAS
ADRESA DOVOZCE - ADRESA IMPORTATORULUI - IMPORTŐR CÍME - ADRESA UVOZNIKA - ÍTHALATÇI ADRESI - ADRESA DOVOZCU*

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