

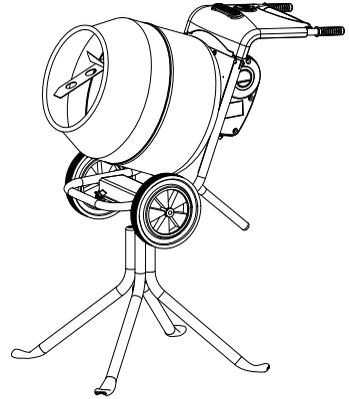


GB Operators Manual

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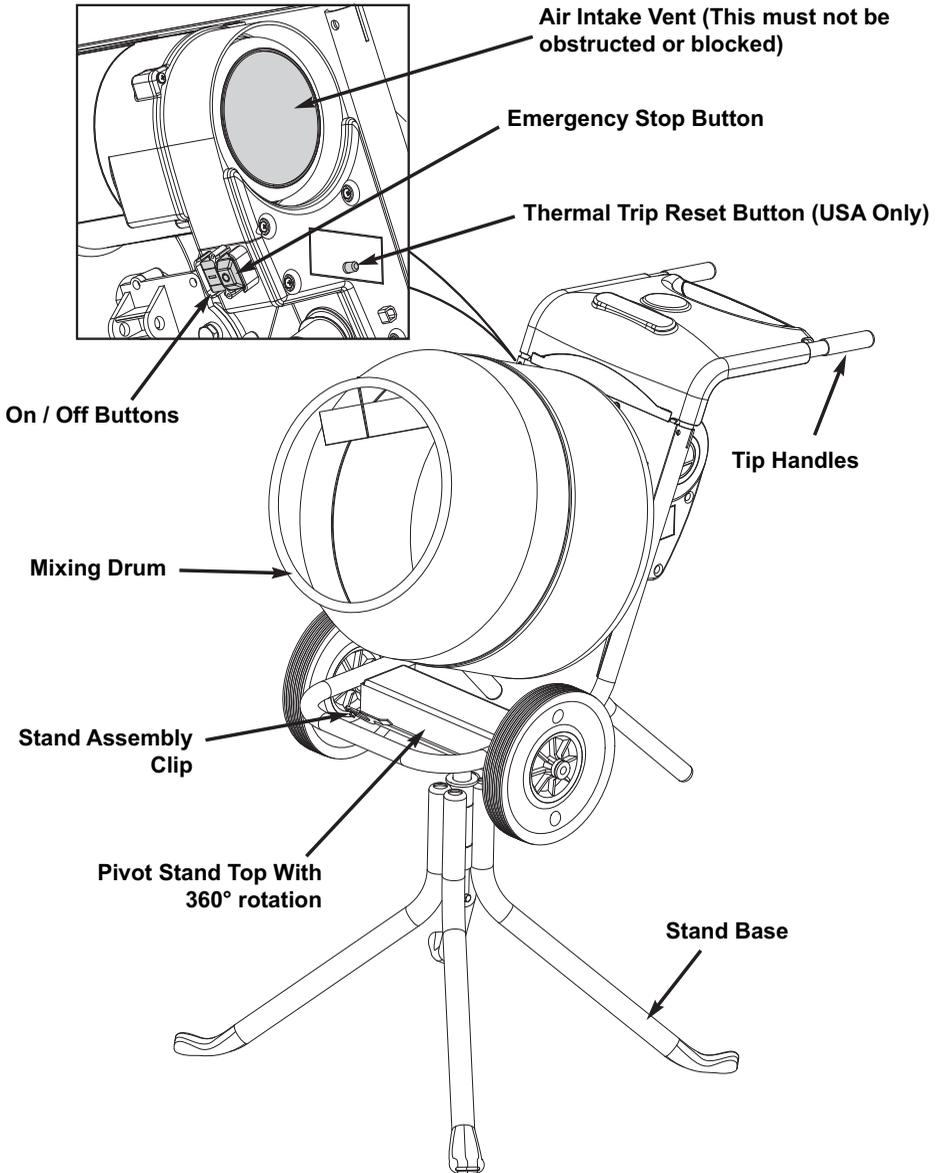


# **MINIMIX 150**



- Spare Parts Book

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## Before starting the mixer

- ⚠ Ensure engine oil is filled to correct level before operating mixer. **Note:** The engine must be lifted to the horizontal position when filling and checking oil.
- ⚠ Check that all guards are in position and correctly fitted.
- ⚠ **DO NOT** wear loose clothing or jewellery that may become entangled in the workings of this machine.
- ⚠ Suitable clothing as follows should meet relevant EEC/local safety standards: overalls, work boots, goggles, face mask, gloves and ear defenders etc.
- ⚠ **DO NOT** tip mixer onto the drum mouth when motor is running.
- ⚠ Ensure that any trailing cable is protected against damage and not liable to be tripped over or trapped underneath the mixer.
- ⚠ **We recommend the use of an Residual Current Device on 230v electrics.**
- ⚠ Remove all packaging material before operating.

## When operating the mixer

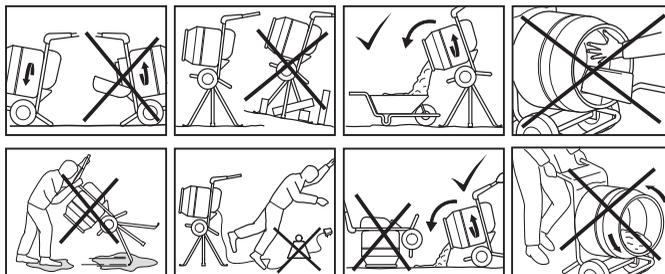
- ⚠ Keep unauthorised persons away from mixing drum.
- ⚠ Keep area around the mixer clear of obstructions which could cause persons to fall onto moving parts.
- ⚠ Always ensure mixer is on level ground before mixing.
- ⚠ **DO** become familiar with the controls before operating this machine.
- ⚠ **DO** ensure that all guards are fitted in the correct position.
- ⚠ **DO** ensure plenty of ventilation when running diesel/petrol engines in a confined area.
- ⚠ **DO** replace any worn/damaged warning decals.
- ⚠ **DO** ensure the drum is rotating while emptying the mixer.
- ⚠ **DO** always switch off and remove the plug from the socket if leaving the machine unattended.
- ⚠ **DO NOT** use as a wheel barrow. Disconnect from power supply before moving.
- ⚠ **BEWARE** of the Danger Zones & Hot Zones.
- ⚠ **BE AWARE** of exhaust venting directions.

## Emergency Stop

If you have to turn off the mixer in a emergency you must: Electric: either turn off at switch or at the mains, Petrol: turn the engine switch off, see engine manual.

## Fire Fighting

If your mixer catches fire, turn off the electric supply. Using a dry powder or CO2 fire extinguisher 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 your Belle authorized Service Dealer.



## Warning - Important

Should the socket outlets in your home not be suitable for the plug supplied with your product, the plug must be removed (cut-off if it is a moulded plug and disposed of) and an appropriate plug fitted. Follow wiring instructions carefully. Do not connect either core to the earth pin, as this is a Class II Isolated Product.

## **BLUE = NEUTRAL & BROWN = LIVE**

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured Blue must be connected to the terminal which is marked with the letter N or coloured Black. The wire which is coloured Brown must be connected to the terminal which is marked with the letter L or coloured Red.

# Warning Decals



**Warning!**



**Caution Taken When Handling.**



**Wear Ear Protection.**



**Fire and Explosive Risk.**



**Wear Eye Protection.**



**Wear Protective Footwear.**



**Read Operators Manual.**



**Do Not Hang.**



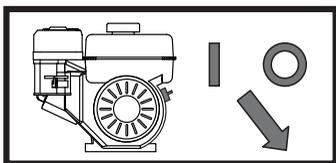
**This Way Up.**



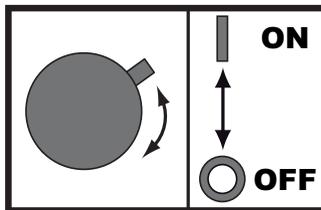
**Only Stack 3 High.**

**STACK**

Honda GX120 Engine Only:-



**Position Of The Engine  
Emergency Stop Switch.**



**Emergency Stop Switch  
Operating Instructions.**

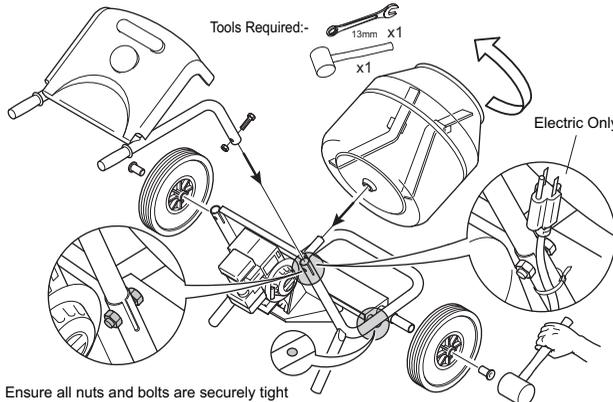
# Assembly Instructions

Ensure drum fits right up to the shoulder on the shaft. Do not spin on fast as this may damage the gearbox

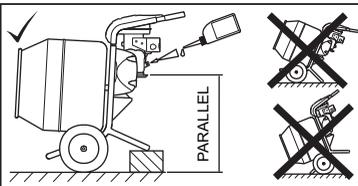
Tools Required:-



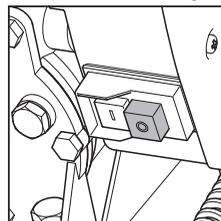
Electric Only



Ensure all nuts and bolts are securely tight

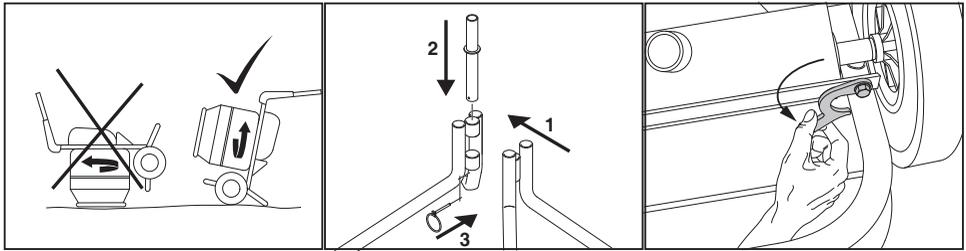


Please Note: Supplied with no oil in petrol engine use bottle provided for initial engine fill

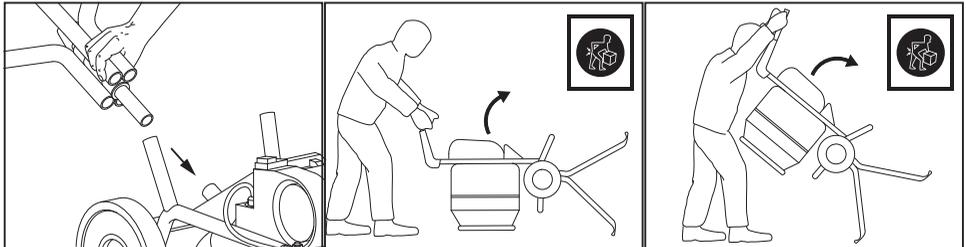


**Emergency Stop Button  
(Electric Only)**

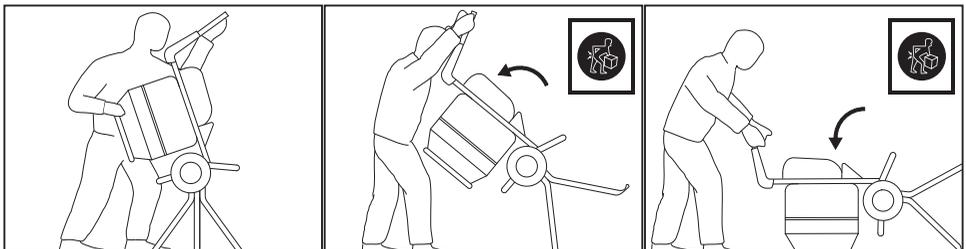
## Stand Assembly



**DO NOT** Tip mixer onto drum mouth when the motor is running

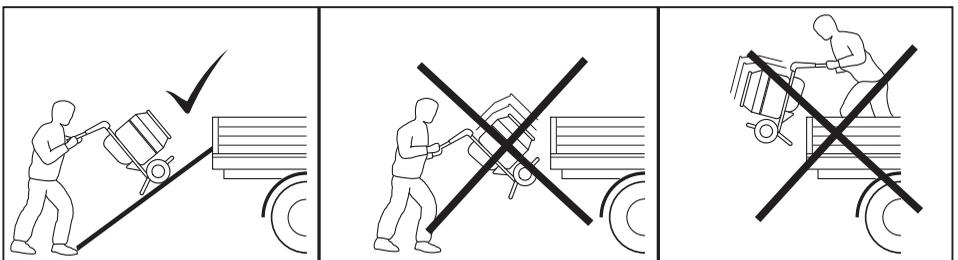


**CAUTION** whilst rotating the mixer up into the stand position, always lift from the front of the mixer.



**NOTE:** When ready for dismantling the mixer after use, follow all the previous procedures but in reverse order. Ensure Stand Clip is located correctly onto frame.

## Loading and Unloading



### **CAUTION**

Never remain under or in the immediate vicinity of the machine when it is lifted by a crane. Only use marked lifting points. Always make sure that all lifting devices are dimensioned for the weight of the products.



# Mixing Hints

## Mix Ratios

The correct mix ratio (cement:sand:stone) depends on the type of application; harder concrete requires more cement, rougher applications require more aggregate. The ratios given below are guidelines: best proportions may depend on the quality of sand/stone used.

First put in the water - around 7 litres (1½ gallons), using more or less depending on the type of mix required. Add some aggregate before adding cement, to avoid sticking. Work consistently to the ratio of ingredients for whatever type of concrete mix you are working to.

## Getting A Good Mix

The approximate mixing time for concrete is 2-4 minutes from when all the material (including the water) has been added - over-mixing can reduce strength and cause segregation of the coarser aggregates. Beware of low grade aggregates; these will only lead to trouble later on with sinking and frost spoiling the appearance of the pour. Also do not get the concrete mix too wet as this can reduce strength and make it less able to withstand weathering.

## Looking After Your Mixer

Never throw material into the mixer - trickle it steadily over the rim or it will stick firmly to the back of the drum and can only be dislodged by stopping the mixer.

Keep your mixer clean - material left in the drum will harden, and attract more on each use until the mixer is useless. Do not throw bricks into a mixer drum to clean it out. The best method is a mix of 1" (2½cm) gravel and clean water - use plenty of it, as this will do the job in half the time.

APPLICATIONS	QUANTITIES		
	CEMENT	SAND	STONE
MOST ORDINARY	1	2	4
FOUNDATIONS	1	3	6
ROUGH MASS CONCRETE	1	4	8
WATERTIGHT FLOORS, TANKS PITS ETC.	1	1.5	3



# Warranty

Your new Belle Group Minimix 150 is warranted to the original purchaser for a period of one-year (12 months) from the original date of purchase. The Belle Group warranty is against defects in design, materials and workmanship.

The following are not covered under the Belle Group 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 Belle Group or their recognised agents.
3. Transportation or shipment costs to and from Belle Group 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.

- Drive Belt
- Engine air filter
- Engine spark plug

Belle Group 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 Belle Group, either by telephone, by Fax, by Email, or in writing.

### For warranty claims:

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

Tel : +44 (0)1298 84606,

Fax : +44 (0)1298 84722

Email : warranty@belle-group.co.uk