



YRPRO ABEL CONCRETE MIXER OPERATORS MANUAL

Congratulations on purchasing a New Zealand Made
YRPRO ABEL Concrete Mixer

YRPRO

Applies to the following models:

Towable: YRA302TSB.GX120, YRA302TPB.GX120,
YRA302TSB.EL, YRA302TPB.EL



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Model:

Serial Number:

Date of Purchase:

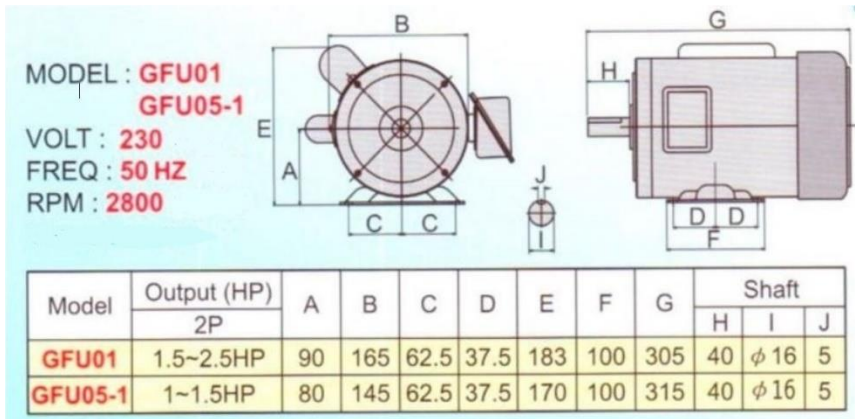
Purchased From:

YRPRO ABEL CONCRETE MIXER SPECIFICATIONS & TECHNICAL DATA:

Petrol Motor Specifications:

HONDA / MODEL	GX120
Engine Type	Air-cooled 4-stroke OHV
Bore x Stroke (mm)	60 x 43.5
Displacement (cm ³)	122
Net Power Output*	3.5 hp (2.4kW) @ 3,600 rpm
Net Torque	5.5 lb-ft (7.3 Nm) @2,500 rpm
PTO Shaft Rotation	Counterclockwise (from PTO shaft side)
Compression Ratio	8.3 : 1
Lamp/Charge coil options	25W, 50W
Carburetor	Butterfly
Ignition System	Transistorized magneto
Starting System	Recoil
Lubrication System	Splash
Governor System	Mechanical
Air Cleaner	Dual Element
Oil Capacity	0.56L
Fuel Tank Capacity	2.0L
Fuel	Unleaded 86 octane or higher

Electric Motor Specifications:



PRE-CHECKS

WARNING – PLEASE READ SAFETY INSTRUCTIONS FIRST!

- Please wear Personal protective Equipment
- Top engine fuel tank up with clean, fresh Petrol
- Ensure tyre pressure is correct in both wheels i.e. 25-30PSI
- Check tow coupler is secured correctly to unit
- Make sure unit is on level ground
- If the unit is not on level ground, ensure the wheels are chocked and secured to prevent any unplanned movement
- Check power lead is safe, has a current EC and is appropriately connected on electric models
- Petrol models – check oil
- Check mixer drum is empty



MIXER START UP AND SHUT DOWN

FOR THE ABEL MIXER: ELECTRIC-POWERED MODEL

To Start:

- Ensure no people are in the vicinity of the mixer unit
- Ensure mixer is on level ground and the wheels are chocked
- Ensure the mixer and power lead/s are safe and not on damp or wet surfaces
- Ensure RCD is operable and connected
- Ensure electrical lead is connected and the correct length
- Turn on/off switch to the 'on' position

To Shut Down:

- Ensure the mixer drum is in stowed position (drum facing ground)
- Turn on/off switch to the 'off' position
- If the mixer is no longer to be used, switch off power supply

FOR THE ABEL MIXER: PETROL-POWERED MODEL

To Start:

- Ensure no people are in the vicinity of the mixer unit
- Ensure mixer is on level ground and the wheels are chocked
- Turn the fuel tap on
- Turn choke on
- Pull the recoil rope gently until there is resistance
- Release and pull the recoil rope swiftly to start and then switch off choke
- Increase RPM to applicable range

To Shut Down:

- Ensure the mixer drum is in stowed position (drum facing ground)
- Decrease RPM to idle
- Turn on/off switch to the 'off' position
- Switch off fuel tap

REGULAR CHECKS & OPERATING TIPS

- Overall check of unit and all fasteners
- Check wheels, axle and wheel nuts
- Check tow coupler and trailer plug including lights
- Check tow bar and frame for damage including rear stabiliser bar
- Check bowl and support
- Check crown wheel and bowl gear
- Check engine/electric motor base plate security
- Oil leaks and oil level
- Check electric motor is turning freely and not getting hot
- Check electric test and tag is valid
- Remove rear cover to inspect pulleys and belt – re tension if needed
- When in operation, listen for any abnormal noises
- Always use on level ground and good footing
- Never overload unit when operating
- Do not try and stop the drum movement by hand
- Keep all loose clothing clear of rotating equipment
- Do not operate without the covers securely in place
- Do not use the unit with known faults that can cause injury or further damage



REMEMBER – ROTATING EQUIPMENT CAN BE DANGEROUS, BE CAUTIOUS WHEN OPERATING

WARRANTY / TERMS AND CONDITIONS OF SALE

WARRANTY PERIOD/S:

- 2-year Manufacturer's Warranty on Build (Defects in material and workmanship)
- 2-year on electric motor
- 3-year Manufacturer's Warranty on HONDA engines (see Honda Owner's Manual and website for details).

Responsibility of the Consumer under this Limited Warranty:

- Mixer to be serviced every six months or 100 hours whichever comes first
- Mixer to be maintained and repaired when required, not to be used with a known fault
- Mixer bowl to be cleaned after use
- Engine maintenance to be carried out to manufacturer's recommendations (proof required)





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