

Paddle Mixer Manual (English Translation)

Model: PM6-1000E (110V Site Paddle Mixer)

Prepared for: L.F. Hire (Doncaster Tool Hire)

Important Safety Notice

This document is an English translation of the original operating instructions. Always follow safe working practices and ensure the tool is used only for its intended purpose. If in doubt, contact L.F. Hire before use.

General Safety Instructions

- Read all instructions before operating the tool.
- Keep the work area clean and well lit.
- Do not use in explosive atmospheres or near flammable liquids/gases/dust.
- Keep children and bystanders away during operation.
- Do not expose the tool to rain or moisture.
- Do not carry the tool by the power cable or pull the plug out by the cable.
- Wear suitable PPE: eye protection, gloves, hearing protection and safety footwear.
- Stay alert and do not use the tool when tired or under the influence of alcohol/drugs/medication.
- Disconnect from the power supply before adjusting, cleaning or changing accessories.
- Repairs must be carried out by qualified service personnel using original parts.

Technical Specifications

- **Power input:** 1000 W
- **Speed:** 0 – 650 rpm
- **Tool fitting:** M14 internal thread
- **Recommended paddle diameter:** 100 – 120 mm
- **Sound pressure level (LpA):** 86 dB(A)
- **Sound power level (LWA):** 99 dB(A)
- **Vibration:** < 2.5 m/s²
- **Safety class:** Class II (Double Insulated)
- **Standard paddle supplied:** WK120

Machine Description

- Protective frame
- Side handle
- ON/OFF switch
- Main handle
- Frame fixing screws and washers

- Tool holder
- Mixing paddle

Standard Accessories

- Protective frame with additional handle
- 2 screws with washers and Allen key
- Mixing paddle WK120

Mixing Paddle Types

WK paddle (WK120 supplied): Suitable for tile adhesive, cement screed, plaster mixes and general mortar. Wide blades with variable pitch provide efficient mixing with reduced strain on the motor.

FM100 paddle (optional): Suitable for liquids such as paints and varnishes. Mixes from top to bottom.

MK120 paddle (optional): Suitable for thick materials such as cement, mortars and plaster. Mixes from bottom to top.

Operating Instructions

- Fit the protective frame securely before use.
- Screw the mixing paddle into the M14 fitting and tighten using suitable spanners.
- Ensure the mixing container is stable and secure before mixing.
- Insert the paddle into the material before switching on.
- Start slowly to avoid splashing, then increase speed gradually.
- Always hold the machine firmly with both hands during operation.
- Switch off before removing the paddle from the mixture.

Maintenance and Cleaning

- Clean the tool after use with a soft cloth. Keep ventilation openings clear.
- Do not use aggressive solvents or cleaners (petrol, chlorides, ammonia, etc.).
- Excessive sparking may indicate dirt inside the motor or worn carbon brushes.
- If unusual noises occur, stop use immediately and arrange inspection/repair.
- For servicing, use an authorised service centre.

Important Notice

Noise levels may exceed 85 dB(A). Hearing protection must be worn. Always wear suitable PPE and ensure the tool is used with a correctly rated 110V transformer supply where required.

Local tool hire available across Doncaster and South Yorkshire.