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Introduction

Thank you for purchasing the Model 4200 Industrial Mixer. This manual contains important information about the safe operation and maintenance of your mixer. Please read it carefully before use.

Intended use

The mixer is designed for mixing viscous materials in batches. It is not suitable for use with flammable or explosive substances.

Warranty

The mixer is covered by a 12-month warranty from the date of purchase. The warranty does not cover damage caused by misuse, overloading, or unauthorized modifications.

Safety

Always disconnect the mixer from the power supply before cleaning, maintenance, or changing the agitator. Never operate the mixer with the guard removed. Wear appropriate protective clothing and eye protection when handling materials.

Model	Motor power	Bowl capacity
4200-S	0.75 kW	5 L
4200-M	1.5 kW	10 L
4200-L	2.2 kW	20 L
4200-XL	3.0 kW	40 L

Installation

Place the mixer on a stable, level surface. Allow at least 30 cm of clearance on all sides for ventilation. Connect the power cable to a grounded outlet rated for the motor power listed above.

Mounting the agitator

Insert the agitator shaft into the chuck and tighten the locking screw. Lower the bowl into position and secure it with the clamp.

Electrical connection

The mixer requires a single-phase supply. Check that the voltage on the rating plate matches your supply before connecting.

Operation

Start the mixer at the lowest speed and increase gradually. Add materials to the bowl before starting the agitator. Do not exceed the maximum capacity for your model.

Speed control

The speed dial has five positions. Position 1 is the lowest speed and position 5 is the highest. Use lower speeds for heavy or viscous materials.

Maintenance

Clean the bowl and agitator after each use. Lubricate the gearbox every 500 operating hours with the recommended grease. Inspect the drive belt for wear and replace it if cracks appear.

Troubleshooting

Problem	Cause	Solution
Motor does not start	No power supply	Check the plug and the fuse
Motor overheats	Overloaded	Reduce the batch size
Agitator wobbles	Loose shaft	Tighten the locking screw
Unusual noise	Worn bearing	Replace the bearing
Belt slips	Worn belt	Replace the belt

Specifications

Dimensions	420 × 380 × 760 mm
Weight	38 kg
Speed range	60 – 600 rpm
Power supply	230 V, 50 Hz
Protection class	IP54