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Introduction

Thank you for purchasing the Model X-200 Widget Assembler. This manual contains important information about the safe operation and maintenance of your machine. Please read it carefully before use.

The Model X-200 is designed for industrial widget assembly and is capable of producing up to 120 widgets per minute under normal conditions. It is not suitable for use with flammable materials.

Safety

Always wear eye protection when operating the machine. Keep hands clear of the assembly head during operation. Disconnect power before performing any maintenance.

Installation

Place the machine on a level surface with at least 1 m of clearance on all sides. Connect to a 230 V single-phase supply. Do not use an extension lead.

Operation

Load widget blanks into the hopper. Press the green start button. The machine will cycle automatically until the hopper is empty or the stop button is pressed.

Maintenance

Lubricate the guide rails every 40 hours of operation with a light machine oil. Clean the assembly head daily.

Troubleshooting

Problem	Cause	Solution
Machine will not start	No power	Check supply and fuse
Widgets misaligned	Worn guide rails	Lubricate or replace rails
Jam in assembly head	Damaged blank	Clear jam and remove blank
Slow cycle time	Low hydraulic pressure	Check pump and seals

Specifications

Model	X-200
Power	230 V, 1 kW
Weight	85 kg
Dimensions	600 × 450 × 900 mm
Capacity	120 widgets/min

Warranty

The machine is covered by a 12-month warranty against defects in materials and workmanship. Wear parts are excluded.

Assembly Guide

Model X-200 Widget Assembler

Parts

- Base
- Frame
- Hopper
- Assembly head
- Guide rails
- Cover

Tools required

Hex key set, spanner, screwdriver, level.