Walther Trowal G100-D Vibratory Maize Dryer



Stock No	VF2257
Manufacturer	Walther Trowal
Model	G100
Year of Manufacture	2017
Serial	121-03453
Condition	From a working environment, Good Condition, Current Model
Capacity	70 Litres
Type	Vibratory Bowl
Location	Our Central Warehouse, Aldridge, UK
Weight (kgs)	365kg
External Dimensions (WxDxH mm)	1200 x 980 x 1185mm

Description

This Walter Trowal G100-D Vibratory Maize Dryer is a compact, high performance drying system designed to complete the mass finishing process by efficiently removing moisture from components using a heated absorbent drying medium such as maizorb, ground walnut shells or wood chips. Gentle vibratory movement continuously circulates the components through the drying medium, where moisture is absorbed while the relative movement also provides an additional polishing effect.

Designed with sensitive components in mind, the G100-D features a helically shaped bowl channel with no internal ramp,

ensuring smooth and gentle component movement. Its fully adjustable heating system provides powerful, controllable drying performance, while the separate, non-vibrating heater assembly with replaceable heating elements helps simplify maintenance. A side-mounted rubberised feed hopper and integrated screening unit also allow the dryer to be easily incorporated into wider mass finishing systems for either batch or continuous operation.

Benefits & Features

- **Dry & Polish in One Process** – Heated drying media absorbs moisture while the gentle vibratory action provides an additional polishing effect for improved component finish.
- **Gentle Component Handling** – The helically shaped bowl channel, without a built in ramp, ensures smooth and controlled movement, making the G100-D particularly suitable for sensitive components.
- **Powerful, Fully Adjustable Heating** – High performance heating provides efficient drying with infinitely adjustable temperature control to suit different applications.
- **Easy Feed Design** – A side mounted, rubber-lined component feed hopper makes loading simple and allows straightforward connection to upstream mass finishing equipment.
- **Batch or Continuous Operation** – The integrated screening unit supports both batch and continuous processing, making the dryer easy to incorporate into automated finishing systems.
- **Service Friendly Heating System** – Replaceable heating rods are housed separately from the vibrating section, helping protect the heating system from vibration and simplifying maintenance.
- **Dust Extraction Ready** – Can be fitted with a dust extraction system to help maintain a cleaner, more controlled working environment.
- **Flexible Drying Media** – Suitable for use with absorbent media including maizorb, ground walnut shells and wood chips.

Technical Specification

- **Model:** G100-D
- **Motor Power:** 0.6 kW
- **Vibratory Drive Speed:** 1,500 rpm
- **Maximum Heating Capacity:** 3 kW
- **Usable Volume:** 70 litres
- **Empty Weight:** 365kg
- **Maximum Workpiece Size:** 160mm diagonally
- **Bowl Channel:** 200mm wide × 400mm deep
- **Load Chute:** 90 × 365mm
- **Drive:** Schneider variable speed drive
- **Operating Hours:** 23,614 hours

Photographs taken prior refurbishment. Our refurbishment service is not available on all machines.