**VIBRATORY DRIERS G**

TROWAL VIBRATORY DRIERS

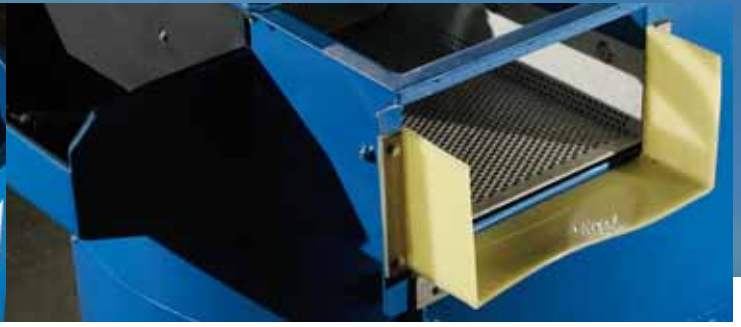
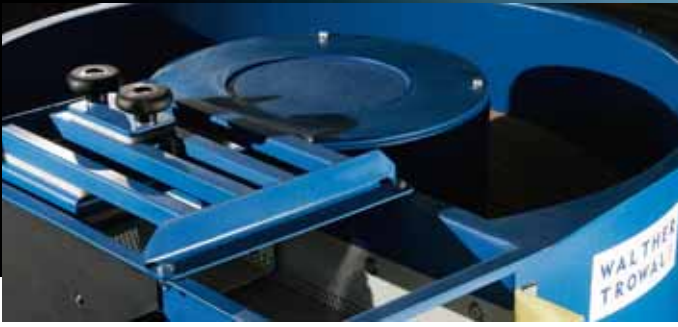
Model range G

Applications

Trowal model G range of vibratory driers have been designed to complete the finishing process by offering an effective means of drying wet components by passing them through a medium consisting of maizorb, ground walnut shells or wood chips. The model G range of machines are ideal for mass produced components which require a clean surface without any water stains.

Functional principle

The induced vibration generates a gentle rolling movement of parts and drying medium. The moisture on the parts is absorbed by the heated drying medium. The constant relative movement between parts and medium has not only a drying but also a polishing effect on the parts.



Vibratory drier, type G	G100	G200	G500	G1000
Motor power (kW)	0,6	1	3	3,5
Speed (min)	1500	1500	1500	1500
Max. heating capacity (kW)	3	6	18	18
Weight, empty (kg)	365	510	1030	1650
Usable volume* (Liter)	70	140	350	700
Max. dimensions of work pieces** (mm)	160	180	260	320

* Ratio of work pieces and drying media in general 3 : 1
(3 parts of medium : 1 part of work pieces)

** Work pieces measured diagonally

Main dimensions (mm)		G100	G200	G500	G1000
Outer...	A min.	885	900	1025	1260
	A max.	1185	1150	1275	1490
Infeed height funnel	B min.	765	735	825	985
	B max.	1065	985	1075	1210
Discharge height	C min.	730	710	810	940
	C max.	1030	960	1060	1170
Outer diameter of work bowl D		980	1200	1650	1990
Height of funnel opening E		86	110	130	240
Width of funnel opening F		370	400	490	600
Usable width of screen G		210	325	370	460

Technical specifications

- Helically shaped work channel without built-in ramp allows gentle component movement
- Rubber-lined in feed chute built into outer wall of the work bowl, facilitates the loading of finished components coming from the machine(s)
- Thermostat-controlled heating system with high heating capacity
- Heating system consisting of replaceable heating rods which are mounted in the non-vibrating machine base
- Built-in screening device allows batch as well as continuous processing

Options

- Pneumatically activated screening device facilitates the linking with production stages prior to and after drying
- Dust cover with integrated suction fan and dust collector
- For drying of extremely delicate components, the work channel can be lined with polyurethane

