



Gravity Table G 40

The new generation from PETKUS

The new Gravity Table G 40: State of the art aerodynamics and counterbalancing.

Using the most modern simulation tools available the design of the table between the fans and the table top was optimized to produce a laminar air flow whose pressure and speed is consistent at all points on the table. This not only leads to optimized sorting results but also to higher performance levels.

PETKUS Gravity Table G 40

PETKUS Gravity Tables sort according to specific weight and are used wherever products with varying weights need to be sorted.

Applications:

- Seed processing of grain, corn, fine seeds, pulses, oilseeds, grass seeds, cottonseed
- Separation of impurities from lentils, peas, beans, coffee, peanuts, hazelnuts, and almonds in the food industry
- Separation of metals, plastic, rubber, wood, minerals

Key Properties:

- Variable Vibration
- Precise adjustment of the table angle on both planes
- Table top is quick and easy to change
- Electrical height adjustment
- Easy opening of the deck with gas springs
- Minimum vibration due to the new counterbalancing system
- Equal air pressure and distribution due to the optimized aerodynamics

Technical Data

Capacity Wheat	12 t/h
Length	4,100 mm
Width*	1,960 mm
Height	2,110 mm
Table size	1,500 x 3,500 mm
Table	2.2 kW
Fan	22 kW
Discharge	0.75 kW
Weight	2,100 kg
Air Volume	54,000 m ³ /h

* overall / including switching cabinet and removable parts

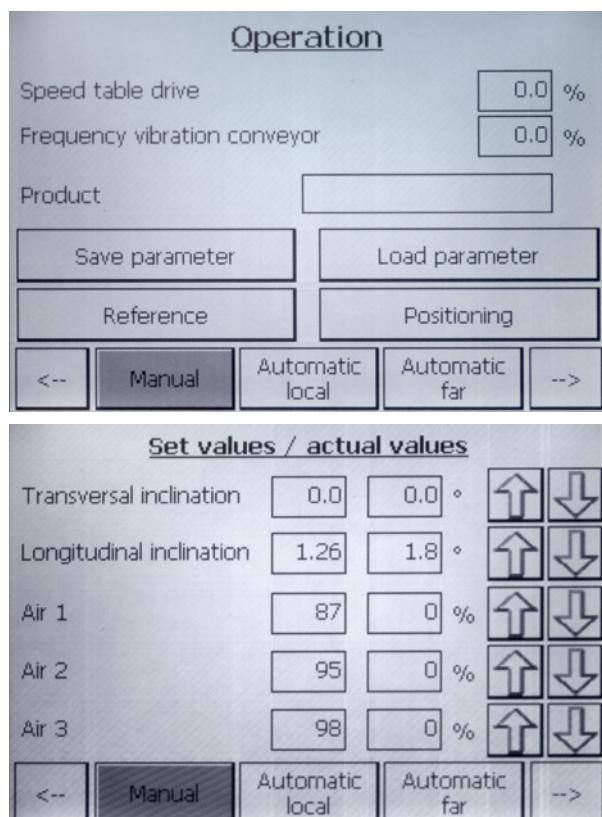
Description:

The similarly sized product is continuously fed onto the vibrating work area so that the table is completely covered.

Air flows evenly through the porous mesh that covers the table whose tilt angle can be adjusted on 2 axes. The air flow sorts the product into layers according to its specific weight.

Through the vibration of the table the heavier pieces move to the upper discharge ports and the lighter pieces move to the lower discharge ports. The gravity table can separate minimal weight differences.

Table loading, tilt angles, air flow and vibration frequency can be finely adjusted in order to obtain precise separation results.



User-friendly touch panel for saving and easy adjustment of air flow, transversal and longitudinal inclination, feeding and eccentric speed to get superb sorting results