

# HPP

HEMP PROCESSING PARTNERS



## Gravity Table G f-series

*Every seed is precious*

The new Gravity Table G f-series combines state of the art aerodynamics with counterbalancing that allows each kernel to flow unhindered to the outlet port.

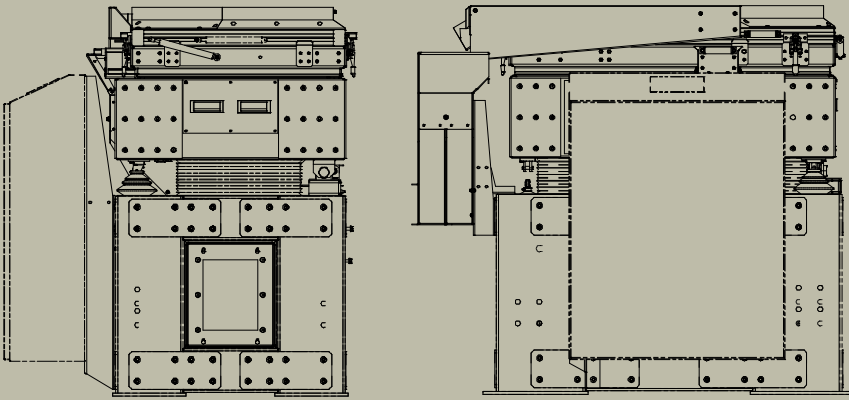
Using the most modern simulation tools available the design of the table between the fans and the table top was optimized to produce a laminar air flow whose pressure and speed is consistent at all points on the table. This not only leads to optimized sorting results but also to higher performance levels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

## Technical Data

**G 05 f**

Capacity *	t/h	1–1,5
Length	mm	1805
Width	mm	1275
Height	mm	1.420
Table size	mm	790 x 1.200
Cam drive	kW	0,55
Fan	kW	3 x 1,9
Discharge	kW	–
Weight	kg	900
Air volume	m <sup>3</sup> /h	12.000

\* based on wheat/impurity grade



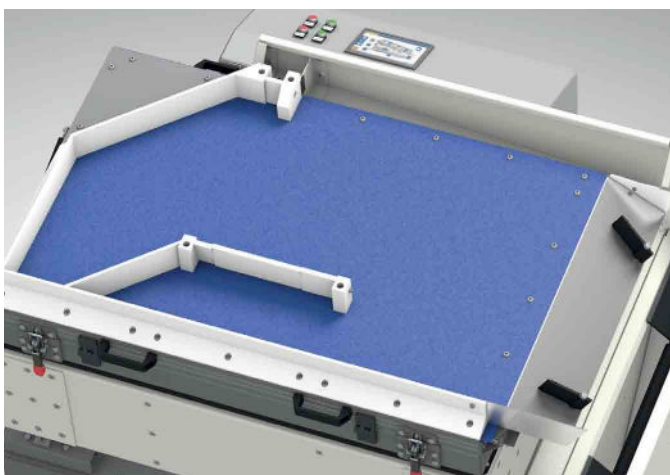
## Working Principal

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 table is able to separate even the smallest weight differences.

Flow rate, table angles, air flow and vibration frequency are all individually electrically adjustable to allow for precise sorting of different materials.



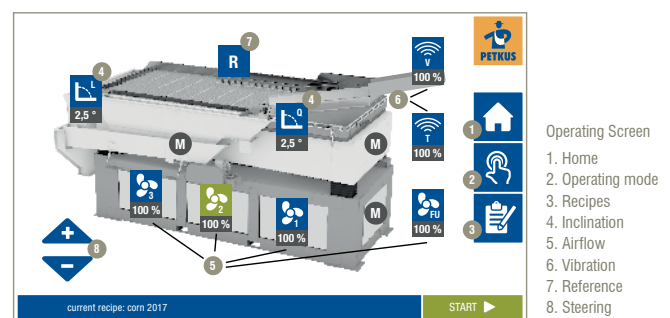
The exceptional aspect of the f-series is that all parts that come in contact with fine seed have been specially manufactured. This ensures that no seed residues remain on the table and that the table is completely emptied.

In the fine seed business each seed can be of significant value. The f-line also allows for easy table cleaning and guarantees that there is no variety mixing when changing products.



Recipe management, airflow, table angle, in-feed and vibration speed can all be adjusted with the user friendly touch panel. All settings can be saved allowing for exceptional and repeatable sorting results.

The touch panel also informs the user about service requirements and possible faults in several languages.



## Key Properties

- Variable Vibration
- Precise adjustment of the table angle on both planes
- Table angles are 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