Kimseed Seed Cleaner

Proven and used in seed research and seed production laboratories throughout the world for pasture, grain, tree and flower seeds.

It has been shown to provide a cleaner sample with a production rate four times better than comparable machines (up to 150kg an hour based on wheat).

Constant vibration of a pulse motor causes a smooth, fast flow of seeds across the screens. There is an infinite variation in both the airflow and vibration, which enables precise separation of all seeds.

Features:
- Infinite adjustment at the turn of a knob.
- 2 x Screens 380 mm x 230 mm
- Capacity up to 150 kg per hr. (based on wheat)
- Feed hopper capacity 18 litres (14 kg wheat)
- Double hopper on aspirator
- Quick self clean between samples
Kimseed Seed Cleaner Mk2

This small seed cleaner is an extremely efficient and precise machine.

∗ Who wouldn’t like to process seeds in up to half the time it currently takes?
∗ What a saving in time and improvement in sample purity if you could adjust for new seeds or batches at the turn of a knob with continuous variation.
∗ And how much less fiddling around if your new seed cleaner was a self-cleaning machine?
∗ It is ideal for use in seed stores, flower seed separation, and for plot cleaning in the laboratory and the field.

It successfully cleans small batches of:

qv beans
qv peas
qv flowers
qv tree seeds
qv Atriplex species
qv a wide range of other seeds

The Seed Cleaner’s throughput is a remarkable 40 to 150 kg per hour!

∗ NO BELTS OR PULLEYS TO ADJUST.
Screen vibration and fan control operate at the turn of knob, with continuous variation. Adjustment is precise and quick.

∗ FAST AND EFFICIENT SEED CLEANING
Constant vibration of pulse motor causes a smooth fast flow of seeds across the screens. Movement is much improved compared to the older style ‘Stop-start shaker’ method.

Hopper Gate Adjustment

• QUICK SELF-CLEAN BETWEEN SEED SAMPLES.
With a turn of the screen shaker knob to Maximum the machine cleans itself by severe vibration. The careful design ensures there are no seed traps.

• TWO SCREENS.
Two screens of dimensions 380mm x 230mm slide easily in and out on silicon impregnated nylon slides.

• OTHER DETAILS.
⇒ Light weight welded Aluminium construction
⇒ Quiet operating
⇒ Screens available in 30 sizes of mesh
⇒ Stand and container supports optional
FEATURES

No belts or Pulleys to adjust

Screen vibration and fan control operate at the turn of a knob. Adjustments of both vibration and fan are precise and quick.

Fast and efficient seed cleaning

Constant vibration of pulse motor causes a smooth fast flow of seeds across the screens. Movement is much improved compared to the older style “stop-start” shaker method.

Quick self clean between samples

With the turn of the screen shaker knob to maximum the machine cleans itself by severe vibration. The careful design ensures there are no seed traps.

Two screens

Two screens 380mm x 230 mm slide easily in and out on silicon impregnated nylon slides

Other details

Quiet Operation
Standard Screen Sizes are: .8, 1.6, 2.0, 2.3, 3.1, 3.9, 4.7, 6.3, 8.0, 9.0, 9.5 mm
NOTE: Other sizes on request
Optional : Floor stand
SET UP

OPERATION

- Set-up the catchment containers on the stand at trash and seed outlets.
- Select and slide-in lower and upper screens to suit sample to be cleaned.
- Always select a bigger screen size for the top unit.
- Pour seed sample in feed hopper with gate closed.
- Turn on shaker and set control knob to 5
- Turn on fan and set control knob to 5
- Slowly open hopper gate to feed top screen at an efficient rate where screens are not overflowing.
Fan: The fan separates light weight material from heavier material as it falls into the air stream.

Shaker: The shaker controls the speed of material flowing over the screens. At the end of each batch of seed cleaned turn shaker Knob to # 7. The severe vibration at this setting will help clean the screens.

Cleaning: 1) Turn the fan knob to 10
2) Turn the shaker knob to 7 until screens are clean.
3) Turn the shaker knob back to 3 and remove screens.
4) Turn the shaker knobs up slowly until all loose material has fallen into the fines chute and into the catchment containers.

NOTE: After a seed cleaning batch is completed, screens should be removed and a plastic scraper and a brush should be used to completely remove all traces of seed and residue from all areas of the cleaner.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Power</th>
<th>Electric, 240Volt, 50Hz</th>
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<tbody>
<tr>
<td>Cleaning rate</td>
<td>40 to 150 kg per hour</td>
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<tr>
<td>No. of screens</td>
<td>2 @ 380mm x 230 mm</td>
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<tr>
<td>Hopper height/Cap</td>
<td>1.4m (on-stand)/18Lts</td>
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<tr>
<td></td>
<td>14kgs wheat</td>
</tr>
<tr>
<td>Stand height</td>
<td>570mm</td>
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<tr>
<td>Weight</td>
<td>Machine net:60 kg /</td>
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<tr>
<td></td>
<td>Sieve: 1 kg each</td>
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