

## D2-PRIME



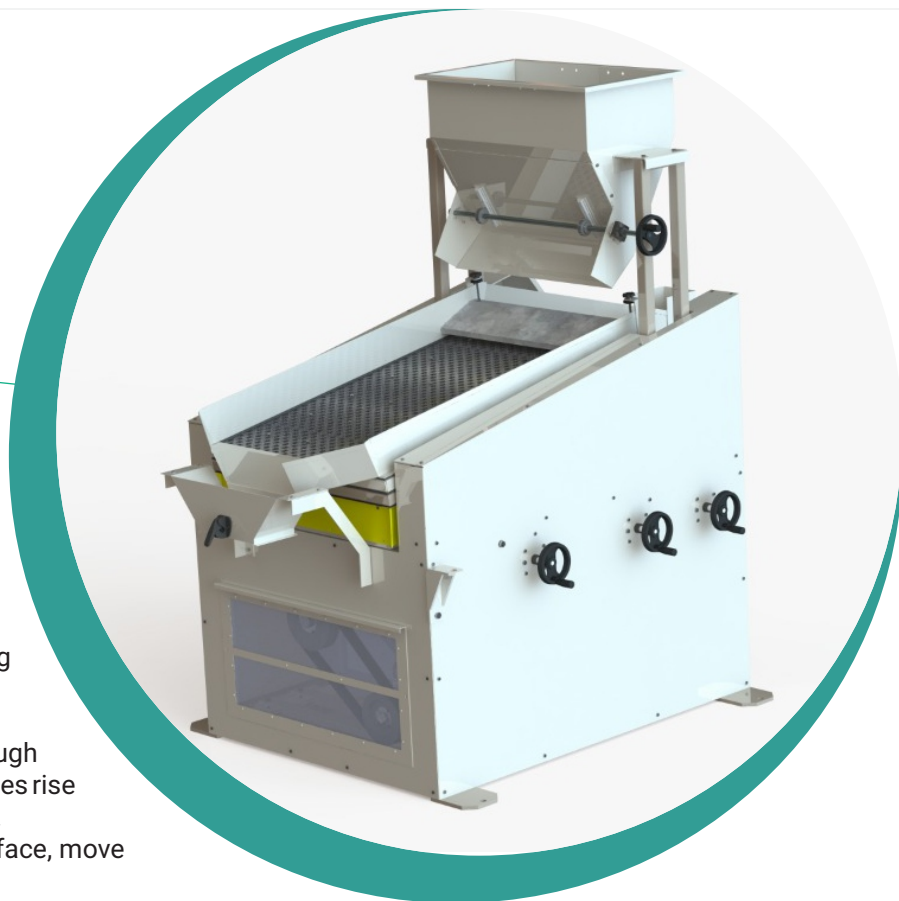
Agrosaw D2-Prime separates stones or heavy mud balls from the crop based on the difference of specific gravities. Separation is made by creating stratified layers and collecting individual layers by vibrating action.



Stratification occur by forcing air through the particle mixture, so that the particles rise or fall by their relative weight to the air. Heaviest particles resting on the surface, move high side by vibratory action.



Lightest particles floating on the surface, move downhill towards final collection.



### Standard Features:

- ▶ All steel construction with main body of steel sheet & welded pipe frame.
- ▶ Blowers are dynamically balanced and provided with individual air flow control.
- ▶ Variable inclination of deck, at end raise from seven degree to twelve degree.
- ▶ Provision of bag collection in final and rejection area.
- ▶ Variable frequency drive provides control of Deck Oscillation.
- ▶ Feed rate control with hand-wheel rotation.
- ▶ Elastomer drive head connection absorb vibrations induced by oscillation drive.

### Optional features:

- ▶ Elastomer torsion links used to remove unnecessary vibrations.

### Additional Accessories:

- ▶ **Additional Deck** for very large or finer seeds.
- ▶ Agrosaw Innovation "**O-box**" for damage free seed feeding
- ▶ **Vertical Bucket Elevator.**

### TECHNICAL SPECIFICATIONS

| Capacity in TPH<br>(Based on Wheat) | Type of<br>Deck | Deck Size<br>in (mm)W x L | Power Req. (HP)                  |                       | Inclination<br>Angle (Degree) | Total CFM | Net. Weight in<br>kg. (Approx.) | Overall Dimension<br>(LXWXH) (in mm) | Electrical<br>Power Supply |
|-------------------------------------|-----------------|---------------------------|----------------------------------|-----------------------|-------------------------------|-----------|---------------------------------|--------------------------------------|----------------------------|
| 2                                   | Rectangular     | 1200mm x<br>800mm         | 0.5 HP (for<br>Deck Oscillation) | 3 HP<br>(for Blowers) | 7-12°<br>(End Raise)          | 4800 CFM  | 600                             | 2200X1400X2030                       | 415 V, 50 Hz, 3 Phase      |

#### Note:

1. The data provided above is for fully assembled machine, including spouts & may vary as per the accessories opted.
2. Due to technical advances, the design is subject to improvement, therefore details shown above are given under reserve only.

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