



8. Walnut Dehuller-cum-Washer

Type: New
Date: 2018
Patent: Filed

Name of Inventor

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Description of Technology

- **Overall dimensions:**
 - **Front view:** 2150 mm × 1250 mm
 - **Side view:** 900 mm × 1250 mm
- **Weight:** 155 kgs
- **Power:** 3 HP motor 3 phase
- **Land requirement:** Can be operated with a space of 8.0×4.0 feet
- **Output capacity:** 335-345 kg/hour
- **Unit cost (per machine):** Approx. Rs 98,000/-
- **Suitability for crops/commodity:** For dehulling and washing of walnuts
- **Efficiency:** 90.60%



Impact

The existing practices of walnut dehulling and washing are very tedious and troublesome. The SKUAST-K has developed a power operated “Walnut Dehuller-cum-Washer” which performs dehulling and washing simultaneously.

Commercial applicability

The walnut dehuller-cum-washer has been commercialized and many walnut growers/processors/other stakeholders mentioned below have taken this technology from SKUAST-Kashmir and are using it on a commercial scale.

1. M/S Teli Walnuts, Kulgam
2. M/S Quality Dry Fruits, Ganderbal
3. Asif Amin Raina, Kokernag, Anantnag
4. Gh. Nabi Wani, Ganderbal
5. KVK, Ganderbal
6. KVK, Kupwara