

## Agrosaw-Gravity separator MODEL - ADGS-31



ADGS-31 gravity separators are used to separate products with difference in specific weight.



### Features

- Easy and user-friendly change of deck
- Optionally available: computer control
- Easy installation and operation
- Industrial and sturdy design
- Available with half or full dust hood and re-circulation.
- Decks available for many difference products
- The deck is designed for optimum distribution or air



### Working

The separator works on a fluidized bed principle; air is forced through the deck causing the light fraction too at above the heavy fraction. The deck is reciprocated causing the heavy fraction to move uphill while the light fraction floats downhill. Variations in deck speed, air quantity, deck type, deck angle, depth of product and take-off points enable ADGS-31 to do a high and constant quality separation.



ADGS-31 separators are industrial, sturdy constructions of steel. The standard version of the ADGS-31 is designed for manual operation of all functions, but the separator is also available fully computerized with memory function and touch screen allowing pre-settings for very fast and easy adjustment of the separation quality. A highly effective fan with filter produces a pressurized airflow through the deck.



### TECHNICAL SPECIFICATIONS

Model	Guiding capacity, fine cleaning, wheat t/h	Screen area m2	Total power consumption kW/HP	Length mm	Width mm	Height mm	Weight kg
ADGS-31	10	3.1	12.1/15	3050	1670	1380	1550

Note: Capacities may vary depending on seed condition, moisture content, seed varieties, type and volumes of contaminants to be separated and the percentage of foreign material acceptable in the final product. Capacity also vary depending on product flow through the cleaner.

**Widest Range of :** • Seed/Grain Cleaning, Grading & Handling Equipment • Seed/Grain Dryers • Seed Treators & Coaters  
Seed/Grain Storage Silos • Fruit & Vegetable Cleaning, Grading, Sorting & Handling Equipment

We also plan, design, manufacture & commission seed processing, grains/spices/pulses cleaning and handling plants on turn-key basis. Due to constant process of research & development, all designs and specifications are subject to change without prior notice. Capacities mentioned are based on wheat.

**OSAW AGRO INDUSTRIES PVT. LTD.**

📍 P.O. Bag 5, Agrosaw Complex, Jagadhri Road, Ambala Cantt., Haryana - 133001 India

☎ (+91) 9416027005, (+91) 9416027043, 📠 (+91) 171 2699018

✉ agrosaw@agrosaw.com 🌐 www.agrosaw.com 📺 f in



ISO 9001 : 2015  
ISO 14001 : 2015  
OHSAS 18001 : 2007  
SA 8000: 2014  
CE

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### TECHNICAL SPECIFICATIONS

Model	Guiding capacity, fine cleaning, wheat t/h	Screen area m2	Total power consumption (HP)		Length mm	Width mm	Height mm
			for Fan	for Deck			
ADGS-31	10	3.1	15	1.5	3050	1670	1380

Note: Capacities may vary depending on seed condition, moisture content, seed varieties, type and volumes of contaminants to be separated and the percentage of foreign material acceptable in the final product. Capacity also vary depending on product flow through the cleaner.

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