GRAVITY SEPARATOR

KA7.10.1805.GB

KA-3300 / -4400 / -5500

The KA gravity separator is used for fine grading and impurity separation of products with identical particle size but with differences in density

Gravity separation is often the only method to achieve the purity required and it is therefore used where traditional cleaning methods by air, screen, and indented cylinder prove not to be effective enough.

For capacity and all other specific information see the back page.

The gravity separator offers the below features:

- Inlet.
- Oscillating grading deck with standard covering for grain (ripple deck).
- Adjustable outlet gates for light product.
- Changeable air distribution plates by cassette system.
- Deck change from the side of the machine.
- Hydraulic adjustment with electrical pump for deck inclinations.
- Intake air with air silencer and wire mesh covering.

The machine is of steel construction with grading deck of aluminum.

Options:

- *Deck with covering for small seeds*
- *Dust hood over 1/3 of the deck or over the entire deck*
- *Programmable hydraulic PLC control panel*

EQUIPPED FOR CHANGE

We provide valuable insights, so you can make qualified decisions

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TECHNICAL SPECIFICATIONS:

	KA-3300	KA-4400	KA-5500
Deck area m^2	2.4	3.4	6.1
Capacity t/h	7	12	18
Motor for deck kW	3	3	3
Motor for built-in fan kW	15	18.5	30
Motor for electrical pump kW	0.18	0.18	0.18

Capacity: estimate [guideline] based on fine cleaned wheat

DISTINGUISHING ADVANTAGES:

- Grading deck with adjustable outlet gates for extraction of stones and other heavy particles splitting the product into the required fractions
- Manual setting of gates on light outlet and middlings outlets
- Easy setting of baffles in prime product outlet hopper
- Highly efficient air system with built-in fan ensuring a uniform air distribution across the entire grading deck and a good separation of heavy as well as light particles in one operation
- Easily accessible controls for quick and reliable adjustment to ensure an optimum cleaning result of a wide range of products
- Easily and quickly exchangeable grading deck from the side of the machine
- Easy clean-down when changing from one product to another
- In right or left hand construction to suit individual plant layouts
- Low maintenance costs

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