

# STRAW SEPARATOR

HG-1000 / -1250 / -1500 / -2000 / -2500

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*The HG straw separator is an efficient pre-cleaner suitable for intake plants of high moisture-content crops with a particularly high content of straw and coarse impurities*

The HG is especially suitable for cleaning oats, wheat, barley, rape seed (harvested as a whole crop with a lot of straw), soya beans, sunflower seed, and paddy rice.

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

The HG straw separator offers the below features:

- Integrated inlet section with manually adjustable weightloaded capacity valve, manually adjustable inlet plate, and ribbed feed roll.
- Inspection window with access to inlet section.

- Access door for setting the air volume and adjusting the inlet plate.
- Manually adjustable false air valve.
- Chamber with two rotating straw drums; first drum with 30 x 30 mm mesh and second with 25 x 25 mm mesh.
- Outlet for prime product.
- Outlet with rotary valve for overflow from the drums.
- Aspiration chamber with outlet with screw and rotary valve for small-sized rejects.
- Drive and motors.

The machine is of steel construction.

#### Options:

- *Other mesh size for straw drums*
- *Servo motor for air valves*
- *Fan with motor according to required air volume*

## EQUIPPED FOR CHANGE

We provide valuable insights, so you can make qualified decisions

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### TECHNICAL SPECIFICATIONS:

	HG-1000	HG-1250	HG-1500	HG-2000	HG-2500
Straw drums Dia. x L mm	550 x 1000	550 x 1250	550 x 1500	550 x 2000	550 x 2500
Capacity t/h	100	120	150	200	250
Air quantity, max. m <sup>3</sup> /h	8,000	10,500	10,500	13,000	2 x 10,500
Gearmotor kW:					
- drums, screw, rotary valves	0.55	0.55	0.55	0.75	1.1
- feed roll	0.37	0.37	0.37	0.37	0.55

*Capacity: estimate (guideline) based on wheat.*

### DISTINGUISHING ADVANTAGES:

- Designed to provide maximum pre-cleaning efficiency of a wide variety of products at high capacity achieved by the combination of rotating straw drums and a very efficient aspiration system
- Integrated inlet section with ribbed feed roll ensuring an even spread of product over the full working width of the machine
- Large diameter rotating straw drums and manually adjustable product flow plates giving an optimum removal of straw and other large particles
- Highly efficient aspiration system with false air valve regulation ensuring a uniform aspiration and a very good separation of the product
- Easy clean-down when changing from one product to another
- Low maintenance costs

