

# UNIVERSAL SCREEN CLEANER VIBAM DSP



The Vibam DSP is a universal cleaning machine designed to clean a wide variety of grains and seeds quickly and precisely. Vibam DSP offers competitive value combined with high capacity and easy operation. As standard, the Vibam DSP is provided with both pre-suction and after-suction units.

The layout of the machine makes it easy and quick to change from pre-cleaning to fine-cleaning. A feature that makes day-to-day operations far more efficient. The Vibam DSP is based on tried-and-tested technology and is in operation in installations all over operation.

## Your Direct Benefits

- ✿ Easy operation and quick screen changing
- ✿ Wear resistant Wisiform plywood screen boxes
- ✿ Screen cleaning with special rubber balls
- ✿ High quality powder lacquering for durable surfaces

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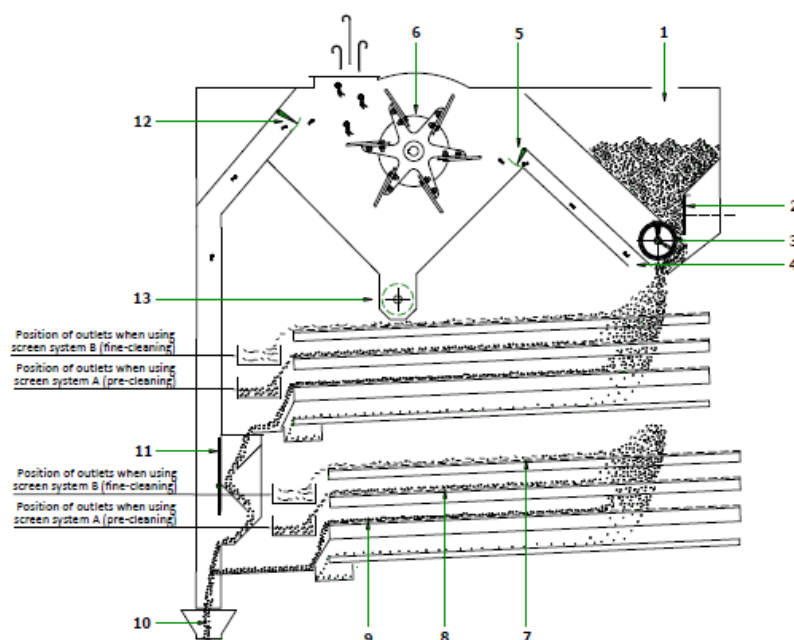


## Function

The raw material (1) is conveyed over the feed roller (3) via the regulating slide (2), where the capacity can be set. The material passes through the pre-suction duct (4), where light impurities are sucked off (6). The aspiration is regulated by the slide (5). The screen function is described below. Before the clean material (10) leaves the machine in its total width, the material passes through an upward air current. The quantity of this air current is adjustable by the slides (11) and (12). In this way light and germinated seeds are removed. The heavy particles from the aspiration chamber are discharged via the auger (13), while light impurities (6) are carried by the air to e.g. a cyclone.

## Screen Systems

Screen system A can be changed into screen system B if one outlet chute is moved. System A is mainly used for pre-cleaning. The upper and intermediate screen layers are used for scalping, whereas the lower screen layer is sand screens. System B is used for fine cleaning cereal seed and for various grading tasks. The upper screen layer is used for scalping. If the perforations of the intermediate screen layer are somewhat larger than those of the lower screen layer, the intermediate layer will act as relief for the lower screen layer and consequently result in increased grading capacity. "Throughs" from the lower screen layer are small seeds, etc.



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Technical Specifications		
Screen Width	mm	1050
Screen Area	m <sup>2</sup>	10
Number of screen boxes	pcs.	2
Number of screens	pcs.	12
Motor	kW	5.5
Air consumption	m <sup>3</sup> /h	6.600
Width	mm	1660
Length	mm	2260
Height	mm	2375
Weight	kg	1200
Dynamic horizontal load (per 4 legs)	N	4x300
Dynamic vertical load, (per 4 legs)	N	4x300

Guiding capacities		
Guiding capacity, pre-cleaning, wheat	t/h	50
Guiding capacity, fine-cleaning, wheat	t/h	10
Malting Barley grading, system B (50% of possible removed)	t/h	11