

UniSeed/DuoSeed

Cleaning Machine

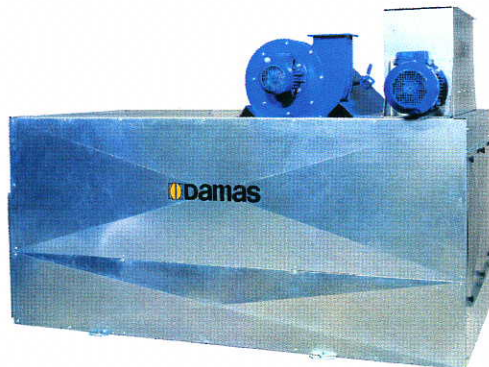
The UniSeed/DuoSeed is a new generation of cleaning machines, aiming at large farms and small industries, requiring a flexible production with a good cleaning result in terms of quality.

The modular screen cleaning machines are available in several versions, which can be provided with a feeding device with or without clipper-de-awner and a presuction unit as required.

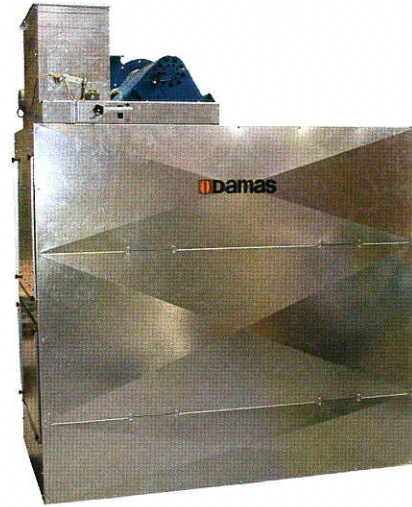
A DuoSeed is two UniSeed machines, built together.

Considering the capacity, the machines are space-saving.

In the light of a comparatively high capacity per m² screen, a good cleaning quality, and an absolutely competitive price the return on investment is very interesting.



UniSeed



DuoSeed

- Made of galvanized steel.
- The screens are being kept clean by means of special rubber balls.
- Few vibrations.
- The screens are firmly fixed during operation.
- Quick screen changing.
- Easy to operate.

 **Damas**

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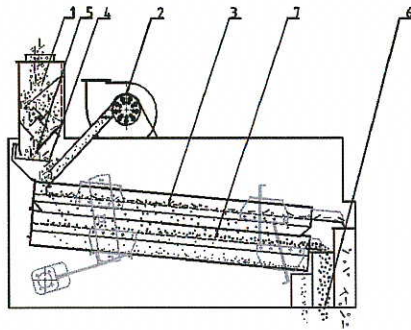
Subject to alterations


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Principle drawing



Dwg.no: 084,7513

Function

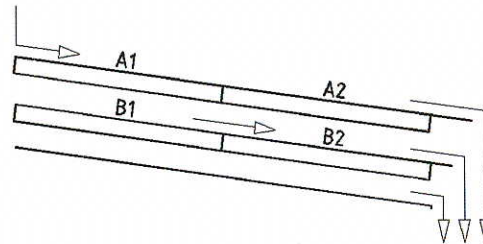
The raw material is conveyed down into the inlet bin (1). There must always be material in this bin to ensure an even distribution over the presuction area (extra equipment) (2) / top screen layer (3). The feeding device (4) doses the quantity of raw material from the inlet bin to the presuction unit / top screen box via a regulating damper

The screen systems

The screen boxes are suspended in the chassis each by 2 plastic springs and 2 torsion elements. The screen boxes are driven by the latter.

Each screen box contains 2 ball screens with rubber balls and 2 screens. The screens are interchangeable. Different cleaning and grading tasks may require other screens in each screen layer.

The individual screens are cleaned by means of rubber balls. The balls are placed in a special ball screen divided into sections each with 5 rubber balls, 120 balls in all.

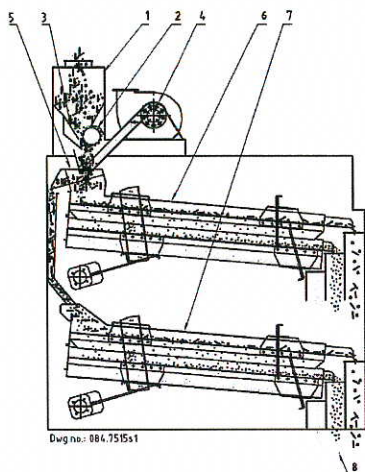


Technical specifications

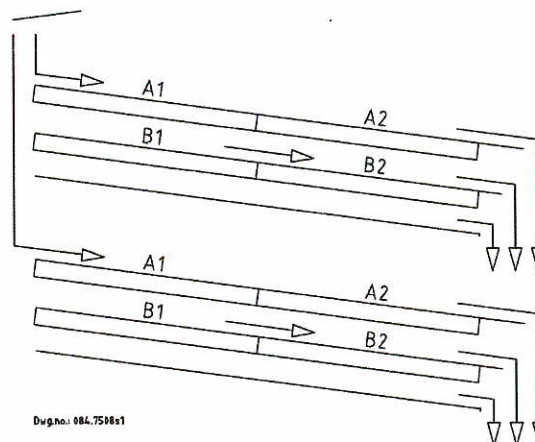
Guiding capacities:		
Precleaning (wheat)	t/h	30
Malting barley grading	t/h	8
Fine cleaning (wheat)	t/h	4
Screen specifications:		
Screen width	mm	1000
Screen length	mm	998
Number of screens		4
Screen area	m ²	4
Motor:		
Motor - screens	kW	0.75
Clipper-de-awner (extra equipment)	kW	2.2
Presuction unit (extra equipment)	kW	1.1
Dimensions:		
Width (incl. motors 1500 mm)	mm	1290
Length	mm	2465
Height	mm	1675
Weight	kg	930

Subject to alterations

Principle drawing



The individual screens are cleaned by means of rubber balls. The balls are placed in a special ball screen divided into sections each with 5 rubber balls, 240 balls in all.



Function

The raw material is conveyed down into the inlet bin (1). The material is dosed and evenly distributed in the entire working width of the machine by the feed roller (2) and the feeding slide (3) via the presuction unit (extra equipment) (4).

The material is conveyed over the distributor (5) and is evenly distributed to the top screen box (6) and the bottom screen box (7) respectively. Large impurities are removed on the top screen layer (A). Small impurities are removed on the bottom screen layer (B) through the precleaning process and small grains through the fine cleaning process. The scalper material, the sand material, and the clean material are conveyed from the screen boxes to separate outlets (8).

The screen systems

The screen boxes are suspended in the chassis each by 2 plastic springs and 2 torsion elements. The screen boxes are driven by the latter.

Each screen box contains 2 ball screens with rubber balls and 2 screens. The screens are interchangeable. Different cleaning and grading tasks may require other screens in each screen layer.

Technical specifications

Guiding capacities:		
Precleaning (wheat)	t/h	60
Malting barley grading	t/h	16
Fine cleaning (wheat)	t/h	8
Screen specifications:		
Screen width	mm	1000
Screen length	mm	998
Number of screens	pcs.	8
Screen area	m ²	8
Motor:		
Screen boxes	kW	1.5
Feed roller	kW	0.25
Clipper-de-awner (extra equipment)	kW	2.2
Presuction unit (extra equipment)	kW	1.1
Dimensions:		
Width (incl. motors 1500 mm)	mm	1290
Length	mm	2480
Height	mm	2850
Weight	kg	1860

Subject to alterations