

Screening machine SMA **LACB**



Efficient cleaning technology. For consistently high product quality.

Product-friendly cleaning of grain, oil seeds and other bulk materials is an essential part of any processing operation. The goal is to improve the storage life and quality of the product and create a safe production process. The SMA cleaning machines provides highest quality and excellent performance as well as easy access to the screens for maintenance.

Consistently high cleaning quality even at high throughput rates.

By mastering two separation steps in one machine, the SMA screening machines offer the optimal combination of high performance on a small footprint for capacities up to 220 t/h (for wheat). The oscillation movement of the sieves provides a precise and gentle cleaning process. Inlet aspiration and an easily adjustable vertical sifter separate light particles and dust out of the product stream.

Especially necessary for use with oil seeds: optimal accessibility for maintenance and cleaning.

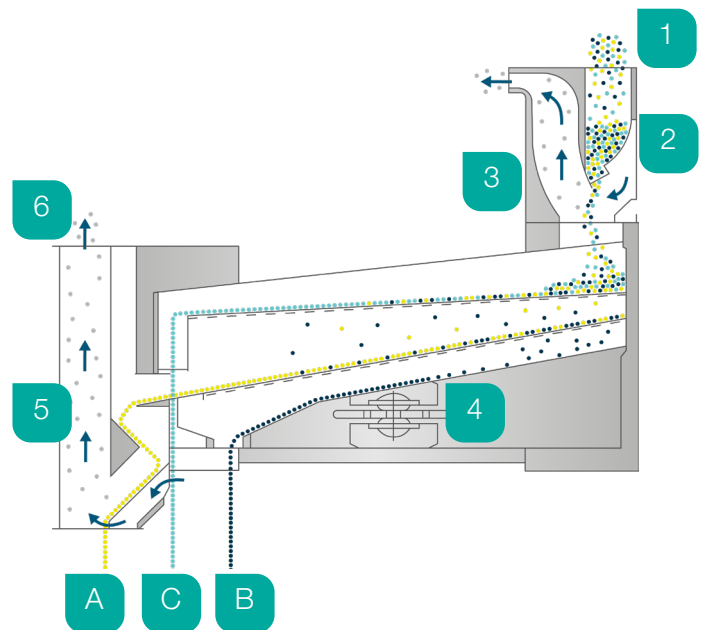
Due to a product flow system that is specifically designed for processing oil seeds, the SMA machines are capable of meeting the highest demands of oil seed cleaning. This includes a front access to the screens for easy screen replacement and cleaning. The increased distance between the screen levels and the big outlet channels further facilitate the cleaning and maintenance process.

Proven technology and reliable operation with long lifetime.

The SMA machines are made of high-grade materials and guarantee a long lifetime. The robust construction minimizes vibrations and allows reliable operation with minimal maintenance requirements. Optionally, the cleaning units can be equipped with wear protection – especially recommended for abrasive products such as soybeans or in case of continuous operation.

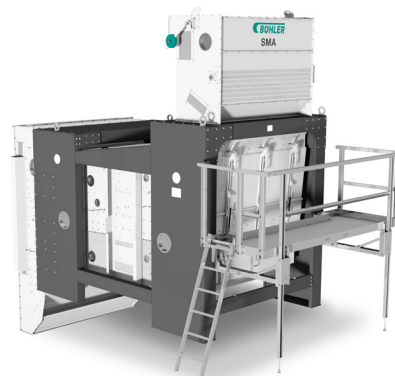
The benefits at a glance

- Consistently high cleaning quality even at high throughput rates
- Optimal accessibility for maintenance and cleaning
- Proven technology and reliable operation with long lifetime



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|-------------------------------|-------------------|-------------------------|
| 1 Product inlet | 4 Drive sieve box | B 2 nd grade |
| 2 Vibrating distribution flap | 5 Vertical sifter | C Coarse particles |
| 3 Inlet aspiration | 6 Exhaust air | |
| A 1 st grade | | |

Optimized design. For high system availability and easy access.


SMA
203-3

SMA
206-6

Technical data and capacities:

		SMA 203-3	SMA 206-6			SMA 203-3	SMA 206-6
Working width	mm	2,000	2,000	Product capacities			
Screen area				Wheat (0.75 t/m ³ , 18 % H ₂ O)	t/h	110	220
Preliminary screen	m ²	6	12	PS: D 8 mm, MS: Herringbone 2.25 mm			
Main screen		6	12	Barley (0.65 t/m ³ , 18 % H ₂ O)	t/h	90	180
Motor power				PS: D 8 mm, MS: Herringbone 2.25 mm			
Screen box	kW	2.2	3.0	Canola (0.60 t/m ³ , 18 % H ₂ O)	t/h	45	90
Inlet flap		0.75	0.75	PS: D 3.5 mm, MS: Herringbone 1.00 mm			
Aspiration connection				Maize / Corn (0.75 t/m ³ , 15 % H ₂ O)	t/h	110	220
Inlet (at 40 mmWC)	m ³ /min	75	200	PS: D 13 mm, MS: Herringbone 2.55 mm			
Outlet (at 40 mmWC)		170	350	Maize / Corn (0.75 t/m ³ , 35 % H ₂ O)	t/h	55	110
Total weight	kg	3,500	7,000	PS: D 13 mm, MS: Blindsieve			
Dimensions				Soybeans (0.75 t/m ³ , 18 % H ₂ O)	t/h	100	200
Width		2,926	3,400	PS: D 13 mm, MS: Herringbone 2.55 mm			
Height	mm	2,750	4,286	Sunflower (0.40 t/m ³ , 16 % H ₂ O)	t/h	55	110
Depth / Length		3,737	4,468	PS: D 13 mm, MS: Herringbone 2.55 mm			

Capacities refer to intake cleaning with input impurity content of max. 4% and given sieve proposals (PS: Preliminary screen; MS: Main screen).

Options to increase flexibility and meet all requirements:

In order to save air, the SMA 203-3 can be equipped with a double inlet instead of the inlet aspiration unit.

For easier access to the upper sieves of the SMA 206-6 and enhanced occupational safety, a **screen changing platform** can be fixed on the frame, featured with a space-saving swing-up mechanism.

Polyurethane plates can be installed as **wear protection** at the inlet, the inlet channels and the vertical sifter.

The **automatic inlet regulation** assures that any product is always spread uniformly across the whole working width without manual intervention.

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