

Hull separator
SMA OL and
GrainPlus OL
LACB and LAGA

Efficient hull separation. For consistently high product quality and maximum output.



The benefits at a glance

- Excellent separation results even at high capacities due to large screen area and adjustable aspiration devices
- Optimal accessibility for maintenance and cleaning
- Proven technology and reliable operation with long lifetime

To maximize the oil-output while minimizing product losses is key for any successful processing plant. The SMA and GrainPlus hull separator provides highest quality and excellent performance in hull separation as well as easy access to the screens for maintenance.

Excellent separation results even at high capacities due to large screen area and adjustable aspiration devices.

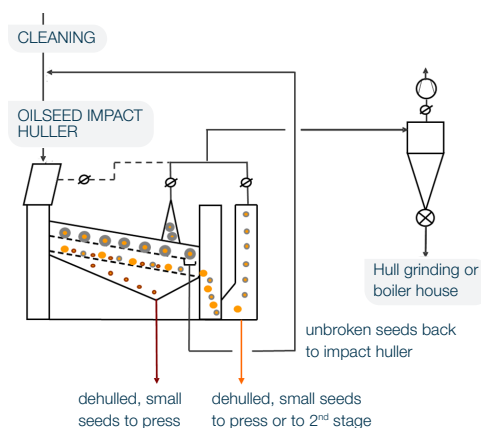
While relying on well-known process technology for hull separation, the Bühler hull separator not only offers high throughput capacities but also an optimal separation of oilseed kernels from hulls. The oscillation movement of the sieves provides a precise and gentle cleaning process while the adjustable suction nozzles separate the hulls from the kernels. An easily adjustable vertical sifter separates light particles and dust out of the product stream.

Proven technology and reliable operation with long lifetime.

The Bühler hull separators are made of high-grade materials and guarantee a long lifetime. The robust construction minimizes vibrations and allows reliable operation with minimal maintenance requirements.

Optimal accessibility for maintenance and cleaning – especially necessary for use with oil seeds.

Due to a product flow system that is specifically designed for processing oil seeds, the SMA / GrainPlus OL machine is capable of meeting the highest demands of hull separation. 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.



Optimized design. For high system availability and easy access.



Technical data and capacities:

		SMA 203-3 OL	GrainPlus 10 OL	GrainPlus 20 OL
Working width	mm	2,000	1,000	2,000
Screen area				
Preliminary screen	m²	6	1.5	3
Main screen	m²	6	1.5	3
Motor power				
Screen box	kW	2.2	0.75	0.75
Inlet flap / feeder roll	kW	0.75	-	0.75
Aspiration connection	m³/min	250	100	250
Total weight	kg	3,600	1,000	1,650
Dimensions				
Width	mm	2,950	1,410	2,410
Height	mm	2,320	1,600	1,905
Depth / Length	mm	3,950	2,240	2,240
Product capacities				
Soybeans (broken)	tpd	400	120	240
Sunflower (broken)	tpd	180	60	120

Options to increase flexibility and meet all requirements:

The machines can be equipped with a [vibrating inlet flap](#) instead of the feeder roll.

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