



# Huller. MHSA.

2<sup>nd</sup> generation.

Innovations for a **better world.**



## The new huller MHSA. A consistent up and down for maximum profit.

Bühler's new huller MHSA continuously and precisely hulls oats, spelt, soybeans and sunflower seeds.

### High hulling efficiency



Lifting device

The huller MHSA is characterized by a high throughput and optimal hulling degree with minimum breakage. New features such as the reinforced lifting device with absolute position sensor and automatic lubrication ensure the machine is always up and running - providing a consistent output of quality product.



Level sensor

### Designed for a long service life

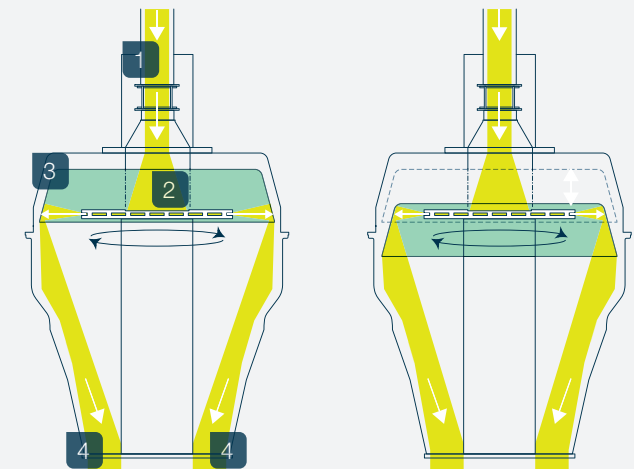
A continuous up-and-down motion of the impact ring maximizes the impact zone. Together with the robust housing and lifting mechanism, this ensures low wear and tear on the machine and a long service life. Level sensors at the outlet detect product build-up and thus provide additional protection for the machine. Easy access to wear parts reduces maintenance time to a minimum.

#### Benefits

- High hulling efficiency
- Long service life
- Flexible application

### Functioning of the MHSA huller

Unprocessed grain enters the machine through the product inlet. It falls onto the rotor where it is optimally aligned and accelerated for a perfect horizontal impact. The impact ring is in constant up- and down motion to evenly distribute the impact zone. On impact, the husk is separated from the kernel and deflected downwards to the two product outlet pipes.



1 Product inlet

2 Rotor

3 Impact ring

4 Product outlet

## Consistent hulling at a high throughput. Quality products with minimum breakage.

### Flexible application

MHSA hulls oats, spelt, soybeans and sunflower seeds with a throughput of up to 4000 kg per hour. Two versions, with and without integrated control system, enable operation directly at the machine or at a central location in the plant.

### Throughput data



**Oats**  
500–4000kg/h



**Spelt wheat**  
500–1800kg/h



**Soya**  
500–3000kg/h



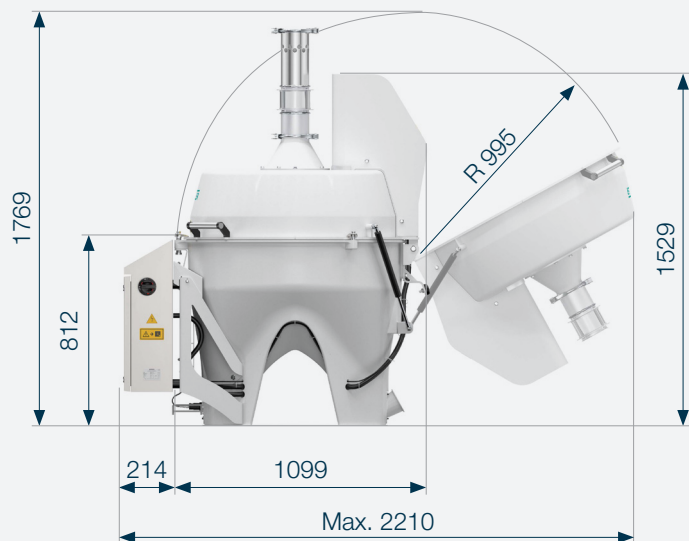
**Sunflower seeds**  
200–1200kg/h



MHSA MCC



MHSA MCI



Technical data		MHSA
Main drive	kW	4
Lift drive	kW	0.12
Rotor speed range	min <sup>-1</sup>	1000 - 1500
Operational weight	kg	645 (MHSA MCC) 680 (MHSA MCI)
Device control		MEAG
Aspiration air	m <sup>2</sup> /min	8

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