

## HORN US 1500 line universal sheller – High throughput capacity with low energy consumption

HORN universal shellers are ideally suited for hulling shell grains such as spelt, emmer, einkorn, oats, millet, rice and sunflower seeds. The gentle method of HORN universal shellers ensures minimum breakage, undamaged shell pieces and a ratio of germinable material which is well above average.

In contrast to classical spelt shellers, in a universal sheller shell grain is accelerated over a rotating centrifugal disk and spun against a collision surface. The shell separates from the kernel on impact.

### Technical features

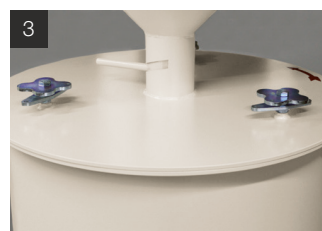
- High shelling degree thanks to a performance oriented machine concept
- Frequency-controlled drive ensures ideal setting to the best operating point when shelling
- Utilisation of the entire collision surface because of height adjustability
- Efficient and economical because of high throughput capacities
- Long service life thanks to robust machine components
- Highly efficient thanks to low operating and maintenance costs
- Simple commissioning thanks to delivery ready to be plugged in



Clear and simple operating elements. The speed of the centrifugal rotor can be set precisely using a rotary potentiometer.



The frequency controlled drive brings the centrifugal disk up to 3.600 revolutions per minute.



The height of the high-quality collision surface can be easily changed using three adjusting wheels. Thus the surface is utilised ideally and the lifetime is increased.



By using a glume absorber (cascade classifier) installed directly on the basic machine, the light shell parts can be separated from the other production flow immediately.



The desired throughput volume can be set precisely using a sliding gate valve.



A robust industrial motor ensures optimal performance data.

