

HALDRUP LT-21

Laboratory Thresher



GROWING
THE FUTURE
BY KNOW-HOW



HALDRUP LT-21 LABORATORY THRESHER

The HALDRUP LT-21 is a laboratory thresher for use with individual plants, ear bundles and small plots.

The thresher is suitable for threshing, de-awning and cleaning of cereals, pulses, vegetable seeds, clover, grass, rice, and many other seed varieties.

Thanks to the special design of the concave, it is particularly suitable for threshing of small amounts of crops. Therefore, you will receive very good results when threshing e.g. barley, flowers, triticale and vegetables as well as other crops that are difficult to thresh.

The reliable technique allows for threshing with nearly no breakage, loss or mixing of grains. The continuous speed adjustment of wind and threshing drum allow for highest purity of crops as well as simple and quick adaption to various cultivated crops.

Grains, chaff and stalk remains are dispatched through three separate outlets. Dust is collected in the cotton bag located at the rear side of the machine.

The concave can be easily accessed by folding up the machine housing; the concave can be changed without the use of tools.

The quality-tested safety concept consists of two safety switches and an emergency-off button.

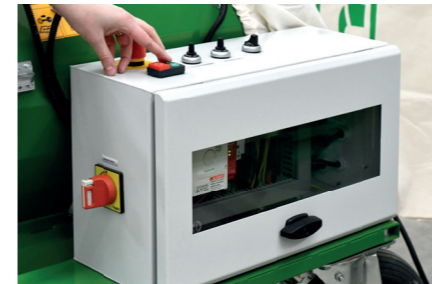
Thanks to its stable and mobile way of construction, the LT-21 can be used in the lab as well as in the field. All our machines can be built according to our customers' requirements and adapted to their specific needs.



LT-21 IN ACTION

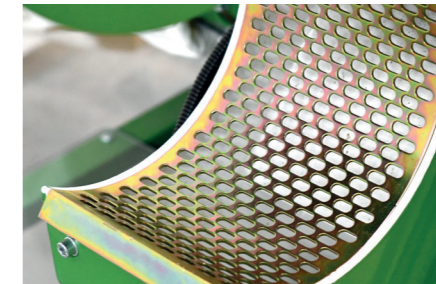


HALDRUP LT-21 – PRODUCT FEATURES



EASIEST ADJUSTMENT

The threshing drum and wind speed can be adjusted via rotary knobs, including the LCD display to always ensure consistent precise settings. No adjustment e.g. of V-belts necessary.



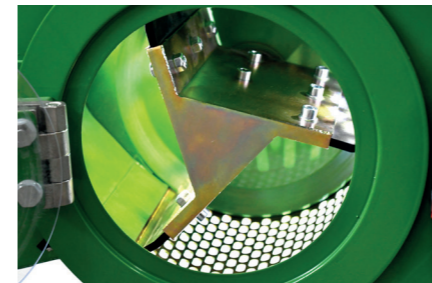
HEAVY DUTY CONCAVES

The concaves, which are lasered out of steel and are treated, with a material thickness up to 5 mm, are particularly durable and therefore suitable for continuous use. Concaves with an elongated hole are also available.



QUICK CONCAVE CHANGE

Quick access to the concave by simply folding up the machine housing. The concave can be changed without the use of tools.



LIGHT FOR THRESHING UNIT

Perfect insight into the threshing unit and the work process thanks to built-in LED high-performance lighting. For reliable and efficient quality testing.



CHAFF BAG

Dust and chaff are collected in a cotton bag.



BAGGING VERSION

Ergonomic work by removing the seeds at a comfortable working height.

OPTIONAL ACCESSORIES – SOME CAN BE RETROFITTED:

- ▶ Power generator
- ▶ Compressor
- ▶ Pendant
- ▶ LED lighting
- ▶ Bagging device
- ▶ Self-cleaning function
- ▶ Suitable adapter for suction
- ▶ Matching extraction system in the program

HALDRUP LT-21 – CONCAVES – available in 12 different sizes

Concaves - sizes -	Recommended use
1.5 und 2 mm	for very fine-grained seeds, such as flower seeds, grasses, clover
2.5 mm	for fine-grained seeds, such as flower seeds, grasses, clover and vegetable seeds
3 mm	for fine seeds, such as flower seeds, grasses, clover, vegetable seeds and canola
4 mm	for seeds < 4 mm, such as flower seeds, grasses, clover, vegetable seeds but also sorghum and other special crops
5 mm	for canola but also cereals with medium corn size as well as seeds < 5 mm
6 mm	for canola, but also fine-grained cereals
8 mm	for most kinds of cereals
10 mm	for most kinds of cereals and special crops with larger grain diameter
15 mm	for large beans

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ESSENTIAL PRODUCT BENEFITS:

- ▶ Currently 12 standard concave sizes in the range
- ▶ Custom-made concave sizes also possible
- ▶ We deliver the matching dedusting system for all HALDRUP laboratory machines as well as third-party devices, including a suitable adapter.



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