

# HALDRUP LT-35

Laboratory Thresher



GROWING  
THE FUTURE  
BY KNOW-HOW



## HALDRUP LT-35 LABORATORY THRESHER

The HALDRUP LT-35 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.

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.

Thanks to the stable machine construction and the threshing drum, the HALDRUP LT-35 is also suitable for threshing maize cobs and sunflowers.

Due to its robust design, it can be used both in the laboratory and in the field.

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

All our machines can be built according to our customers' requirements and adapted to their specific needs.



### LT-35 IN ACTION



## HALDRUP LT-35 – 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.



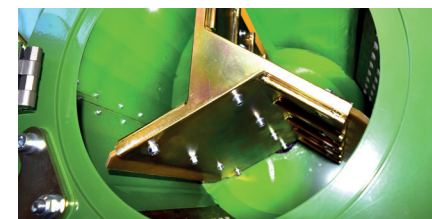
### HEAVY DUTY CONCAVES

The concaves, which are laser-cut out of steel and are treated, with a material thickness up to 5 mm, are particularly durable and therefore suitable for continuous use. They are also easy to change without tools. Concaves with an elongated hole are also available.



### SILENT VERSION

The laboratory thresher's fan is designed very strong. This means that it does not have to be set to full load even with the highest performance requirements and therefore a quiet operation of the system can be guaranteed.



### LIGHT FOR THE THRESHING UNIT

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



### FEEDING TABLE

The crop to be threshed is fed to the threshing drum via the feeding table, which is adjustable in angle. The filling tables are available in different lengths.



### BAGGING VERSION

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



### SELF-CLEANING FUNCTION

The threshing area is additionally cleaned by air nozzles.



### AUTOMATIC PROCESSES

through PLC control:  
▶ Opens and closes the filling flap (the duration can be

- provided individually).
- ▶ The duration of the threshing time can be set individually.
- ▶ The time at which the flap remains open to empty the stalk, can be set individually.
- ▶ Different programmes can be saved.

### OPTIONAL ACCESSORIES - SOME CAN BE RETROFITTED

- ▶ Feeding table short or long
- ▶ Power generator
- ▶ Compressor
- ▶ Pendant
- ▶ LED lighting
- ▶ Bagging device
- ▶ Self-cleaning function
- ▶ Automatic process
- ▶ Suitable adapter for suction

## HALDRUP LT-35 – CONCAVES – available in over 20 different sizes

Concaves - sizes -	Recommended use
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
12 mm	for cereals and sunflowers
15 mm	for sunflowers and maize
18 mm	for sunflowers, maize and beans
20 mm	for large beans

## ESSENTIAL PRODUCT BENEFITS:

- ▶ Over 20 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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