

 PROCESSING

CYLINDRICAL SCREENING MACHINE

LAB ZS

GENERAL

Brand	Cimbria
Designation	Cylindrical screening machine
Model	Lab ZS
Use	Industry



Application

Lab Cylindrical screening machines are used for sorting and grading of seeds and cereals such as grain, maize, sunflower seed, rice and similar commodities as well as generally granular products such as recycling products.

Design

1. Feed hopper with electromagnetic feeding device.
2. Stepless adjustment of cylindrical drive by frequency inverter.
3. Quick changing of the cylinder.
4. Sieve cleaning by cleaning roll.
5. Completely wired - ready to plug in.

Working mode

The incoming material is sorted according to its width (round perforation) and respectively its thickness (slotted perforation).

All kernels thinner than the screen holes fall through the screen, and all thicker kernels remaining in the screening cylinder are transported to the end-outlet.

By means of the permanent circulation of the product and the resulting centrifugal force, each kernel is forced to be in contact with the screen perforation, enabling sorting operations to be carried out with high accuracy.

Technical data

Capacity	
Maize	500 kg/h
Sunflower	300 kg7h
Cylinder dimensions	
Ø	400 mm
Length	600 mm
Motors: (standard)	
Cylinder drive	0.37 kW
Dimensions	
Length	1 200 mm
Width	800 mm
Height	1 465 mm
Total weight of separator	
Net	160 kg

Technical data can vary for certain of the above due to continued development or a different machine composition.