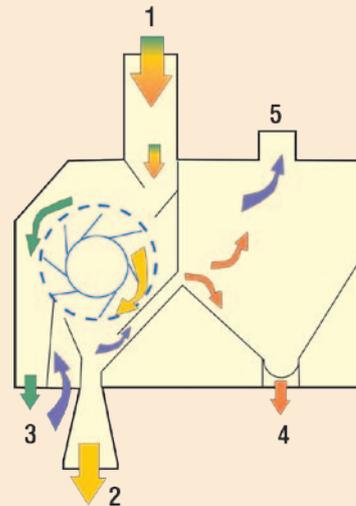


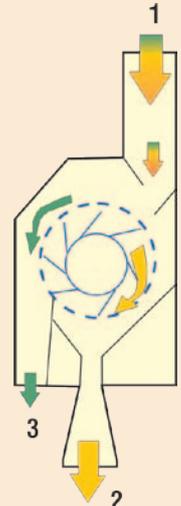


Technical options

Drum Cleaner DC with Aspiration System



Drum Cleaner DC without Aspiration System



- 1 - Inlet hopper
- 2 - Cleaned product
- 3 - Outlet of the large product
- 4 - Outlet of the small product
- 5 - Connection pipe for Ventilator and Cyclone for waste air

PETKUS Drum Cleaners are fully covered. Drum Cleaners are used for the scalping or preliminary cleaning of grain during the intake process in the silo plants to avoid any high development of high temperature in the grain material.

Function:

- Two options of machines are available: with or without aspiration system.
- Drum Cleaners without aspiration system are mainly used for the scalping of grain products with high contents of waste and foreign material before cleaning the material in PETKUS Universal- and Multi Cleaner machine series.
- More effective cleaning process in Screen cleaner machines by removing Straw and other large waste material with the implementation of the Scalperator in the line process.
- The Drum Cleaner with aspiration system is removing in additional dust and very small waste material from the main product. This machine can be used as Pre-cleaner in the intake pit area. In additional this machine is used before the material is passing the PETKUS Continuous Flow Dryer. The dryer is working more effective if the dust and wasty small material is removed from the main product.

Construction:

- Machine and cover made from galvanised steel sheets.
- Inlet hopper with flap.
- Connection pipe for ventilator and cyclone.
- Flap for controlling the air stream.
- Outlet hopper.

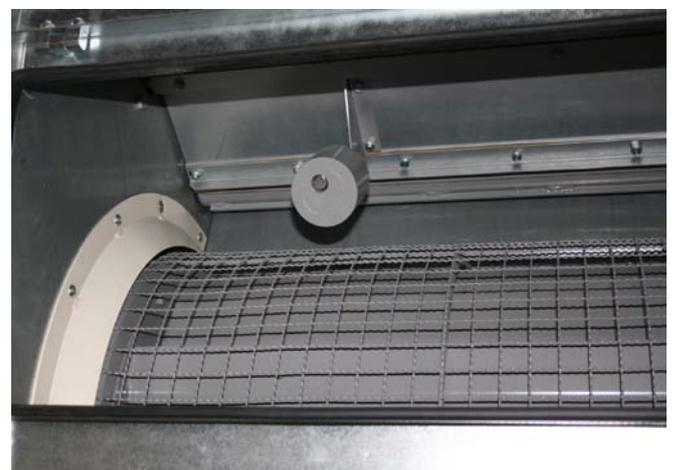
Description:

The product runs on a motor driven drum by gravity. An inlet valve ensures an optimal distribution of goods across the width even with fluctuating flow rates and changing material characters.

The grain then flows through the drum, the large material are removed safely and without clogging of the screen on the outer radius of the drum.

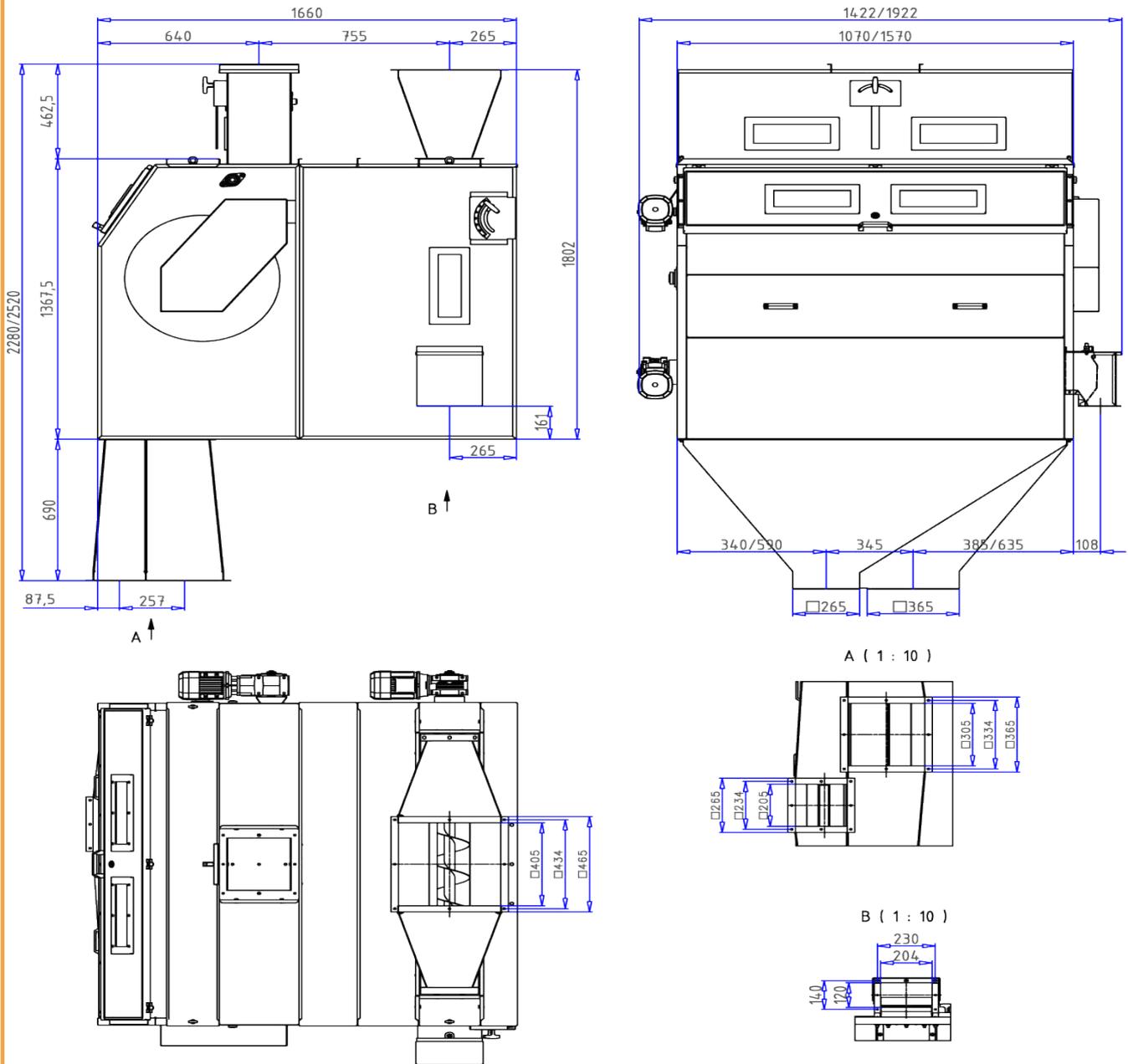
In the Drum screen with an aspiration system for the grain in addition an air stream flows through and the thin and light pollution are sucked out of the machine.

The cleaned material is discharged via an outlet hopper, light parts of the deposition takes place in a settling chamber, which is equipped with a discharge screw. Dust and fine particles are deposited in a cyclone or filter.



Screen drum

Drum Cleaner DC 1000/1500



Technical Data		DC 1000	DC 1500
Capacity for cleaning Maize corn	t/h	50	75
Capacity for cleaning Wheat	t/h	70	100
Length, L	mm	1660	1660
Width, B	mm	1422	1922
Height, H	mm	2280	2520
Motor for			
- Discharge screw (only TSR-A)	kW	0,25	0,25
- Screen drum	kW	0,55	0,55
- Inlet valve			
- Ventilator for aspiration	kW	4,0-5,5	5,5-11,0
Weight machine	kg	590	705
Weight with grain	kg	710	880

Technische Änderungen vorbehalten.