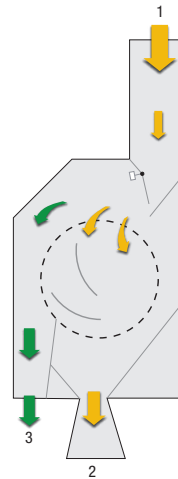


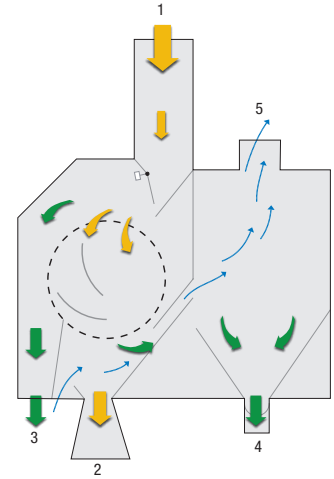


## Technical options

Drum Cleaner D  
without Aspiration System



Drum Cleaner D  
with 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

The **PETKUS Drum Screens D 100 / D 150** are designed for the pre-cleaning of free flowing granular products such as grain, oilseeds and pulses.

Drum screens are mainly used in the intake area of plants as separators for coarse particles (stones, clods of earth etc.).

### Advantages:

- Highly suitable for the cleaning of products which are stored as there is no overheating of the products.
- Suitable for the pre-cleaning of moist products
- High throughput performance
- Relief of the following cleaners and dryers
- Reliable and low-maintenance

### Description:

The product is transported into the machine through the weight-controlled inlet flap. This enables a uniform distribution and an optimal product flow, even when the throughput or product changes. The product flows through a rotating screen drum. Coarse rejects are separated and discharged here on the periphery of the screen drum. The model with aspiration additionally cleans the product with an airflow. Dust and light rejects are separated, and are moved into the deposing chamber. From there they are discharged over an extraction auger.

The screened product is discharged over an outlet hopper.

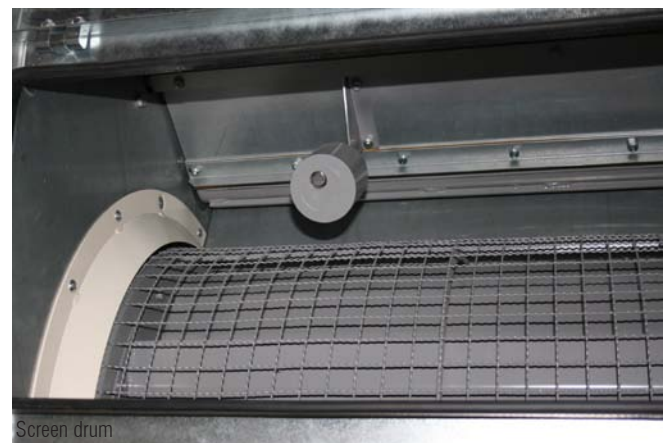
### Construction:

The drum screens consist of an inlet with a weight-controlled flap and a screen drum. The model with the aspiration is additionally equipped with a deposing chamber with an extraction auger as well as a fan.

The various components of the machine (screen drum, fan, extraction auger) are operated by electric motors.

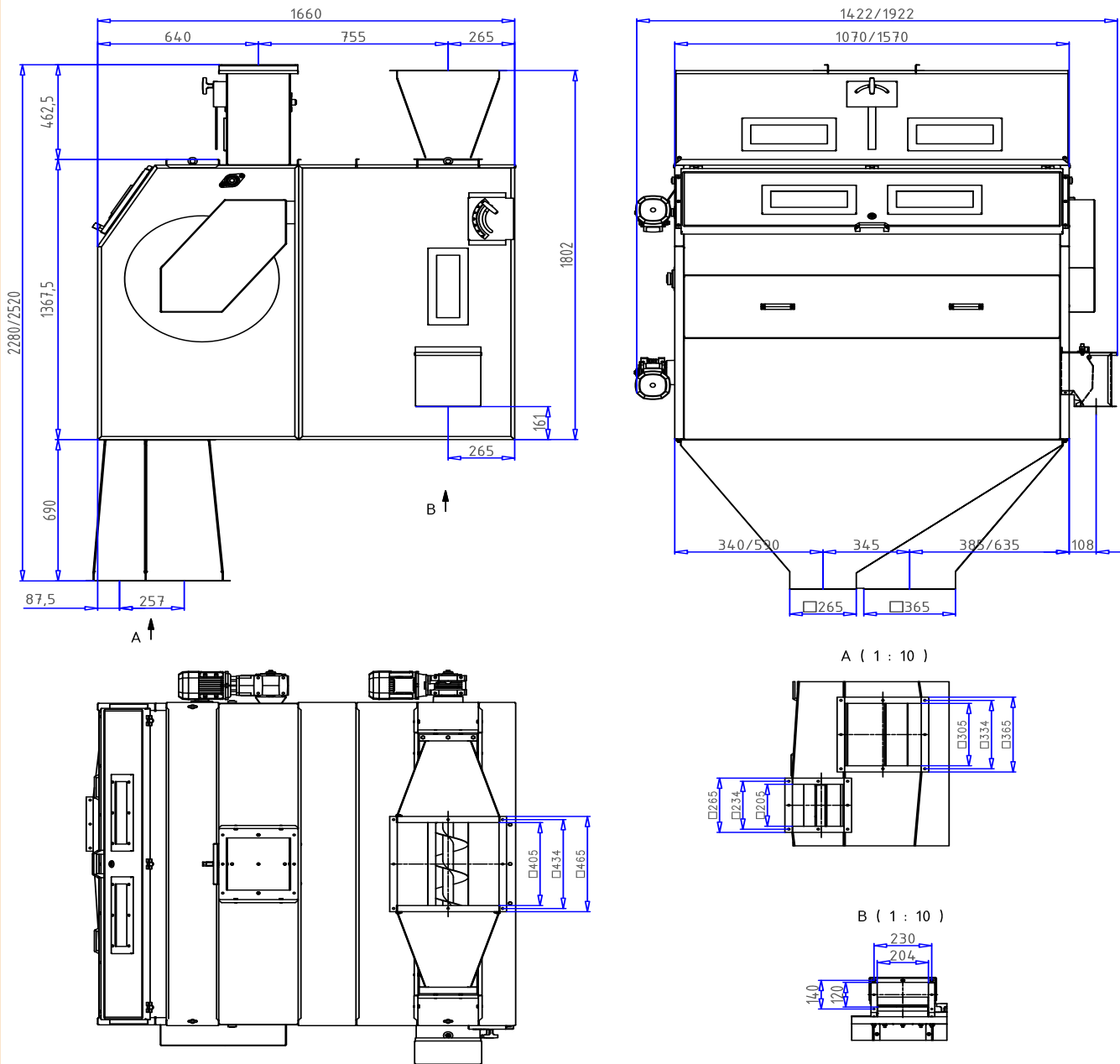
### Standard Equipment:

- Bolted housing made of galvanized sheet steel
- A screen drum with the perforation 25 mm x 50 mm for pulses and corn or
- with the perforation 25 mm x 25 mm for grain
- Model with or without aspiration
- Drive unit with electric motor



Screen drum

# Drum Cleaner D 100/150



Technical Data		D 100	D 150
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

Technical alteration reserved.