



# PAM



## *Grain Cleaning Innovation*

Universal grain  
and seed cleaners



Over  
**50** use  
cases



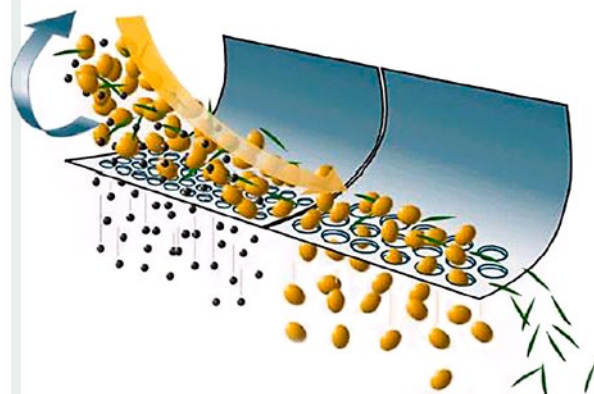
**Mobile grain cleaner OBC-355CMA**

**Seed cleaner - grader  
OBC-355**



# The main advantages of using grain and seed cleaners type **OBC-355**

- **Multifunctionality and versatility**  
Universal grain cleaners can be used both for high-quality calibration and for preliminary cleaning or separation of grain and seeds from three crops at once. More than 50 variants of operation are possible.
- **The presence of a cyclone** that cleans the air from the aspiration system from dust and light impurities.
- **Cleaning efficiency**  
The efficiency of the process of cleaning and removing small impurities and crushed grain through the holes on the screens is very important. On drum grain cleaners OBC-355 type, the sieves are cleaned in the upper part, where there is no grain. In this case, both brushes and wooden rollers are used for cleaning, which increases the efficiency of cleaning the sieves.
- **Calibration accuracy**  
Constant movement and absence of vibrations allows each grain or particle to enter more easily into the holes on the sieves. That is why drum seed cleaners are often used for accurate calibration.
- **Flexibility of operation**  
In grain cleaners OBC-355 type, each sieve can be used to remove different or identical grains and impurities. The operation of the separator changes rapidly depending on the needs. During calibration, the number of sieves determines the maximum number of fractions into which the grain can be divided.
- **Adjustable rotation speed and inclination of the drum with sieves**  
In any flat screen cleaner, an increase in speed and tilt will result in grain bouncing and reduced sorting accuracy. In grain cleaners OBC-355 type, changing the speed and tilt improves the calibration accuracy and increases productivity. This provides more application possibilities.
- **Gentle handling of grain and seeds**  
In the process of cleaning and separation, seeds and grain move along grain separator OBC-355 type by gravity, which eliminates its damage.
- **Application for products that are difficult to sort**  
Grain cleaners OBC-355 type are used for separation and calibration of a wide range of products (for example: fibers and cotton seeds, corn grains with high moisture content, balls, etc.). It can be used for both high quality calibration and pre-cleaning of any grain and seed.
- **Quick replacement of sieves**  
Thanks to the devices specially installed on each sieve, the process of replacing all 5 sieves in grain cleaners OBC-355 type is carried out in less than 5 minutes. Quick replacement of sieves saves time, speeds up the process of grain cleaning and seed calibration.





# Additional advantages of using mobile grain cleaners type **OBC-355CMA**

- **Mobility**

Mobile grain cleaning machine OBC-355CMA is easily transported by minibus, small truck or tractor on the road. This is an excellent solution for farms and agricultural enterprises that have several grain warehouses. This mobile grain cleaner is also great for service cooperatives that provide grain cleaning and seed preparation services.

- **Quick transfer from transport to working position and vice versa**

The process of bringing from the transport position to the working position takes no more than 8 minutes. Bringing the OBC-355CMA to the transport position takes a similar amount of time.

- **Availability of 4 jacks**

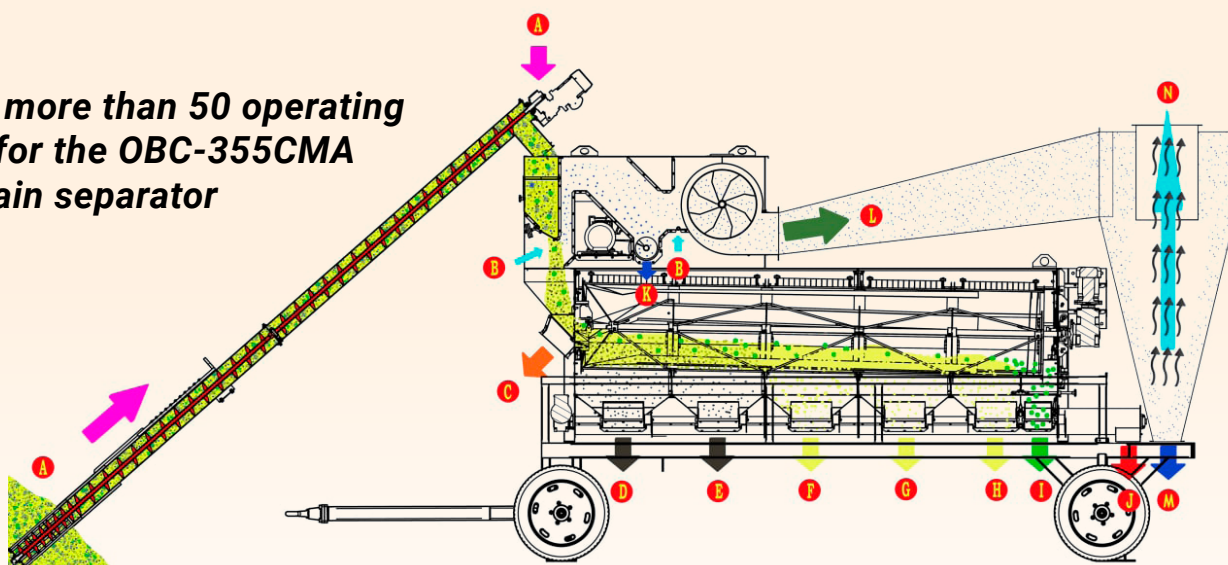
On the cart of the mobile grain cleaner OBC-355CMA there are 4 jacks and horizon level sensors. This eliminates vibrations and allows you to install a mobile grain cleaning machine OBC-355CMA in any grain warehouse or on any site with significant irregularities. Using jacks, you can additionally adjust the angle of inclination of the drum with sieves and the performance of the grain cleaning machine.

- **Large selection of accessories**

## Scheme of operation of the OBC-355CMA

mobile grain cleaner in the mode of cleaning and separating rapeseed, wheat and pea grains.

**There are more than 50 operating schemes for the OBC-355CMA mobile grain separator**



- A** loading uncleaned grain with a slow-speed auger from a heap or hopper
- B** external air flow
- C** grain unloading without cleaning with a separator (cleaning from light impurities)
- D** unloading of small heavy impurities

- E** unloading of a small fraction of the product (for example, rapeseed, millet)
- F** unloading beaten grain, halves
- G** unloading of the middle fraction of the product (e.g. wheat, barley)
- H** unloading a large fraction of the product (e.g. peas, soybeans)

- I** unloading of large waste
- J** unloading through auger
- K** unloading auger of light waste
- L** air with dust and light impurities
- M** dust and light impurities
- N** air



Model	OBC-353	OBC-354	OBC-355	OBC-353CMA	OBC-354CMA	OBC-355CMA
Machine type	stationary			mobile		
Performance, tons per hour	up to 20	up to 27	up to 35	up to 20	up to 27	up to 35
Number of sieves installed in the grain cleaner, pieces	3	4	5	3	4	5
Design features	AA+CS	AA+CS	AA+CS+AB	A+AA+AB+C+CS+SH+SPT		
Mass, kg	870	970	1100	1707	1905	2107
Capacity, kWt	4.1	4.1	5.2	6.3	6.3	7.4
Dimensions in effective position:						
Height, m	2.31			3,65		
Length, m	2.98	3.81	4.63	3.30 – 7.50*	4.10 - 8.20*	4.92 - 9.10*
Width, m	1.3			2.19- 6.67*		
Additional options	AB+C+FC		C+FC	BH+CT+FC+N+NF+SF+SM+ST		

\* depends on position of feed auger

**Abbreviations:** **A** – auger for loading grain • **AA** – adjustable angle of inclination of the drum with sieves • **AB** – auger built into the grain cleaner • **BH** – big hopper • **CS** – two sieve cleaning systems • **CT** – possibility of installation on a car trailer • **C** – cyclone • **FC** – frequency converter • **N** – noria for unloading clean grain • **NF** – noria for unloading feed grain and waste • **SF** – scraper feeders • **SH** – small hopper • **SM** – the ability to install a drive that allows the grain cleaner to move independently • **SPT** – special trailer • **ST** – seed treater

## PLANT OF AGRICULTURAL MACHINES

✉ 167 Vladimirskiy Av.,  
Lubny, Poltava region,  
37500, Ukraine

☎ +380 99 5697707  
WhatsApp, Viber,  
Telegram, Signal

📷 ZSMBIM

📘 ZSMBIM

🌐 graincleaners

📺 Zavodselhozmashin

🌐 <https://bim-agritech.com/en>

