



# GRAIN CLEANING SEPARATORS LUCH ZSO

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## DRUM SEPARATOR LUCH ZSO



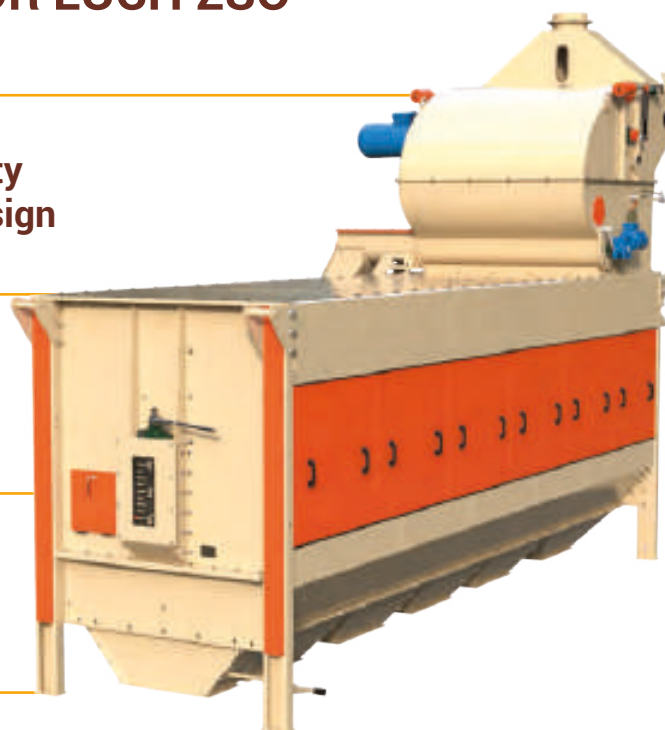
**Reliability ensured by the simplicity and robust construction of the design**



**Effective cleaning of damp and heavily contaminated grain**



**High throughput of up to 300 tonnes per hour**



**Often, after harvesting, the grain has high moisture content and a high level of impurities, as well as lowflowability and porosity, which poses a risk of self-heating**

**Rotary drum cleaning machine LUCH ZSO effectively removes large, small and light impurities. It is ideal for pre-cleaning and primary cleaning of grain**



**LUCH ZSO separators ensure high-quality grain cleaning, which extends its shelf life and increases its market value**

## COMPREHENSIVE SOLUTION

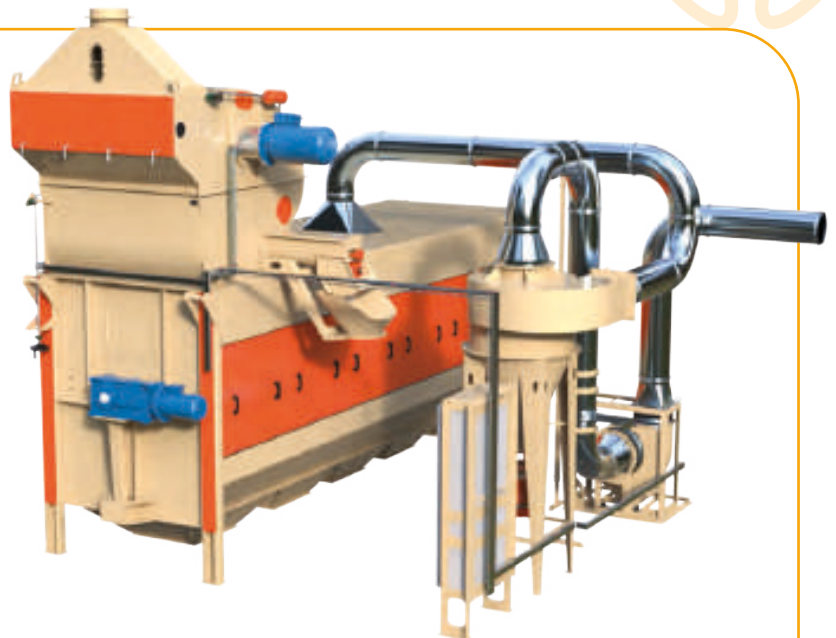
**OLIS has developed a comprehensive grain cleaning solution based on LUCH ZSO separators.**

**These modular solutions include all the necessary components, in particular: drum and air separators, a cyclone, a fan, air ducts, a control panel, cables, chutes and access ladders.**



**Modular solutions based on the LUCH ZSO 35/50 are supplied with an extraction column of the appropriate capacity**

**Modular solutions based on the LUCH ZSO 75/100/150/200/300 are equipped with closed-cycle air separators of the appropriate capacity**

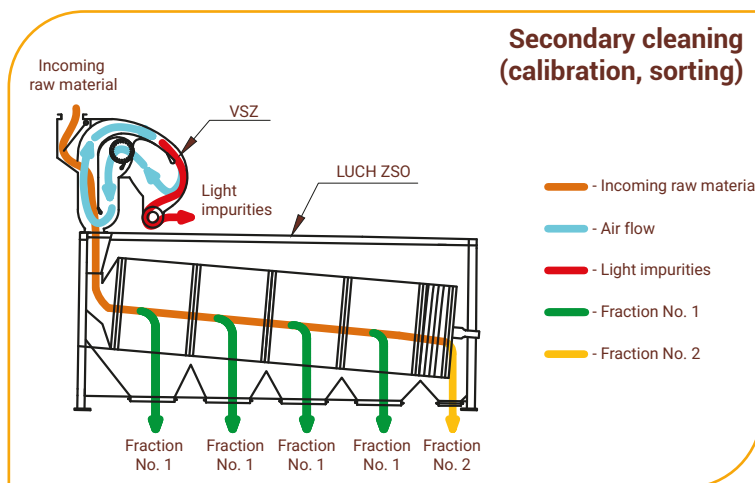
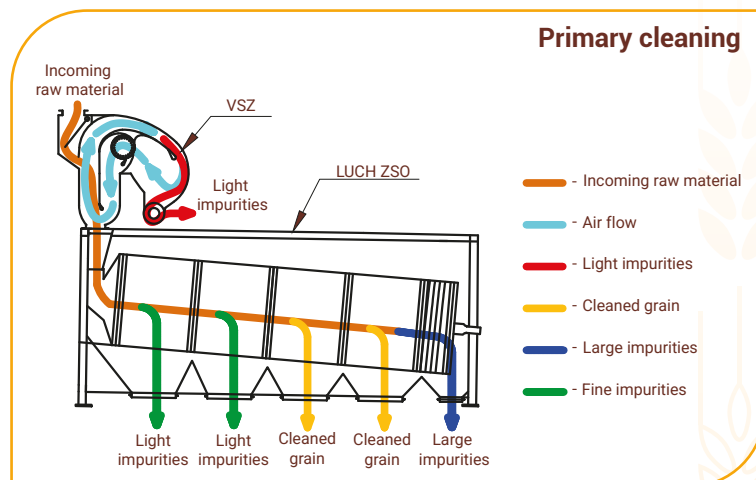
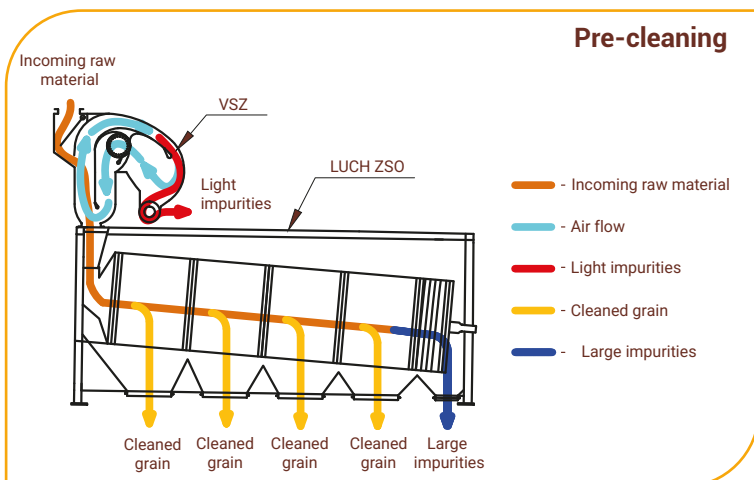




**LUCH ZSO separators are already in operation at hundreds of businesses across Ukraine and in more than 20 countries worldwide**



# GRAIN CLEANING PROCESS IN LUCH ZSO RAIN CLEANING SEPARATORS



| Technical specifications                                |             |             |             |              |              |              | LUCH ZSO-300 |
|---------------------------------------------------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|
| Model                                                   | LUCH ZSO-35 | LUCH ZSO-50 | LUCH ZSO-75 | LUCH ZSO-100 | LUCH ZSO-150 | LUCH ZSO-200 | LUCH ZSO-300 |
| Number of screen drum sections, pcs                     | 3           | 4           | 4           | 3            | 4            | 5            | 6            |
| Screen drum diameter, mm                                | 600         | 600         | 900         | 1260         | 1260         | 1260         | 1900         |
| Electric motor power, kW                                | 5,85*       | 5,85*       | 8,1*        | 12,6*        | 12,6*        | 17,6*        | 23,1*        |
| Pre-cleaning capacity, t/h                              | 35          | 50          | 75          | 100          | 150          | 200          | 300          |
| Primary cleaning capacity, t/h                          | 15          | 30          | 50          | 50           | 100          | 150          | 200          |
| Secondary cleaning (calibration, sorting) capacity, t/h | 5           | 6,5         | 10          | 15           | 20           | 25           | 30           |
| Weight, kg                                              | 1675        | 1925        | 3040        | 3740         | 4350         | 5760         | 6700         |
| Overall dimensions, mm:                                 |             |             |             |              |              |              |              |
| Length                                                  | 3662        | 4402        | 5121        | 5618         | 6651         | 7693         | 8340         |
| Width                                                   | 1056        | 1056        | 2594        | 3177         | 3177         | 3330         | 2670         |
| Height                                                  | 2655        | 2655        | 4444        | 5237         | 5237         | 5332         | 5833         |

\* - The electric motor power is specified taking into account the installation of a closed-cycle air separator



# OLIS



**Grain  
cleaning  
equipment**

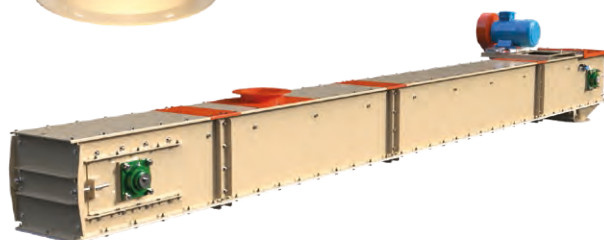


**Grain  
processing  
equipment**



**Laboratory  
equipment**

**Conveying  
and  
self-discharging  
equipment**



**We are trusted by over a thousand customers in Ukraine,  
as well as customers from more than 40 countries worldwide**