

grain washing, hulling and separating machine

Model: Ladia DR



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Wetting and washing grain is a process done to prepare it for milling. When wetting is carried out, psychobiological processes take place in the grain, and as a result, it becomes easier to separate the husk from the grain with minimal losses of the grain endosperm.



# grain washing, hulling and separating machine

## Model: Ladia DR



During washing, the surface of the grain is cleaned, any heavy or light dirt and shrunk seeds are separated out, and microorganisms are removed.



Washer Normit Ladia-DR refers to the equipment of periodic / continuous action of the combined type for wet cleaning of grain. Intended for use in the food industry.

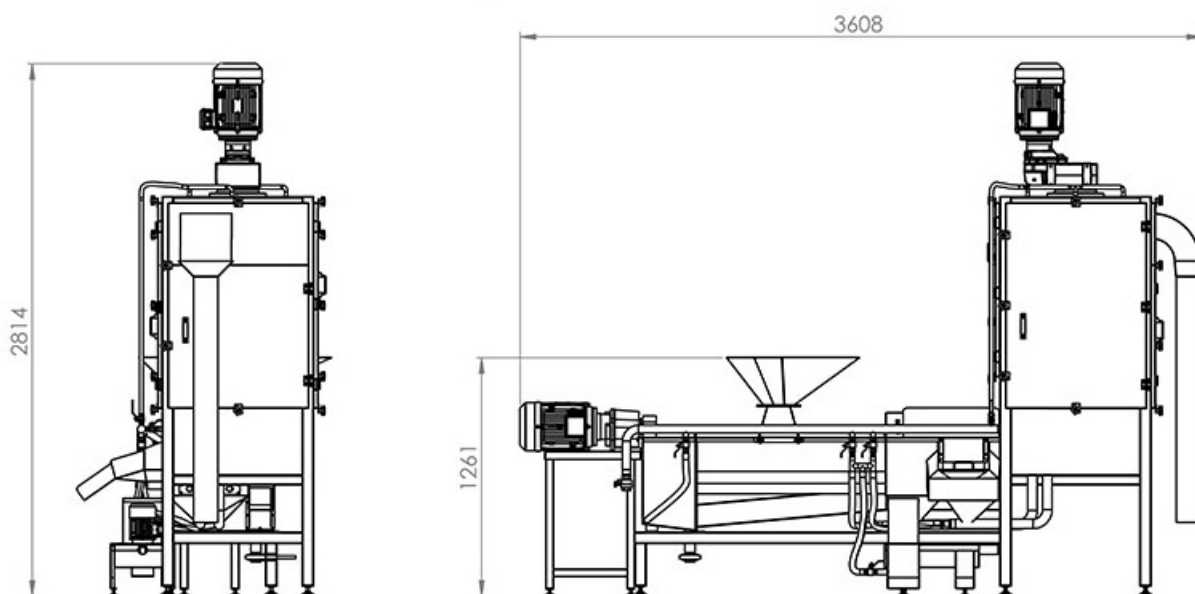


The grain washer is intended to clean the surface of the grain from dirt by a wet method, microorganisms, mold and release of organic and inorganic impurities, due to wetting physical and biological changes are required for further processing. The basis of hydroseparation is the difference in the velocity of the fall of the grain and impurities in the water.

Cleaning the surface of the grain with a wet method is more efficient than a dry method. Grain at the exit of the installation has a minimum level of humidity, since it hardly has time to get wet. And does not require drying.

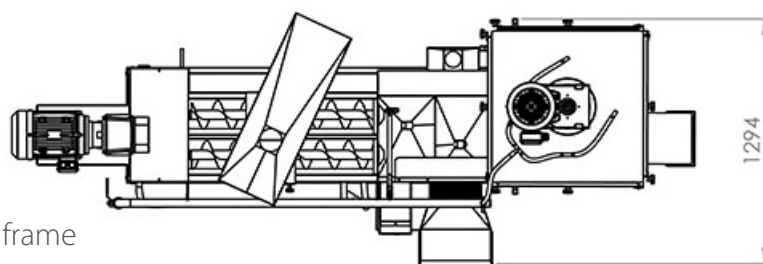
There are no shaft seals, which often fail and need to be replaced, and cause leakage. Adjustable settings for highly efficient processing of grain of any degree of contamination. Installed effective defoamers. Adjustable water level. The machine is equipped with filters - garbage catchers. Optionally, a circulating water recycling system is provided, which gives a very significant savings in the operation of equipment.

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The design of the machine includes:

- Drive screw conveyors on a separate frame
- Camera drive of sand and stones
- Sand and stone removal system
- Sand conveyors for product and sand
- Ejection chamber
- The system of damping and removal of foam, dirty water
- Water level adjustment device
- Husk trap filter
- Ejectors with pipelines supplying a water product mixture to the separation column
- Rotor - stator separation column
- Separation column drive
- Separated water outlet system for circulation
- Centrifugal product discharge system
- Adjustable feet
- Shut off valves.
- Productivity 12 t / h



Model	Ladia DR
Installed screw drive power, kW	5,5
Rotational speed, rpm	200
Installed power of the centrifuge rotor drive, kW	11
Rotational speed, rpm	500
Material	AISI304
<b>Three phase power supply:</b>	
Voltage, Volt	400
Frequency, hertz	50
Height mm	3020
Width, mm	1100
Length mm	3650
Weight, kg	705

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