

PLZ-50/30



Grains
Pre-cleaner / Cleaner
PLZ-50/30

ZACCARIA

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The PLZ-50/30 Zaccaria, was developed to separate the bigger, smaller and lighter impurities than the cereal grains and leguminous. Working as a pre-cleaner or cleaner it is fundamental for processing grains.

The operating principle consists of three steps, as it follows:
First step: an aspiration chamber separates the lighter impurities through a upstream airflow created by a fan that is also responsible for transporting the impurities until the equipment which will collect it.

Second step: sieves overlapping in parallel with different sizes of screens associated to the vibratory movement and inclination, remove the bigger and smaller impurities.

Third step: An air column is placed in the grains outlet, removing the lighter impurities that did not come out in the previous steps.

All impurities removed has a distinct output in the equipment, the bigger and smaller are collected in bags at the machine's lateral side, and the lighter is transported to a cyclone or sleeve filter for later being packed.

Model:

PLZ-50/30

Power / poles:

Feeding:
2,2 kW / IV
3,0 hp / IV
Fans:
3,7 kW / IV
5,0 hp / IV

Inlet capacity paddy rice (kg/h):**

Pre-clean	Clean
50000	30000

Inlet capacity beans (kg/h):**

Pre-clean	Clean
60000	40000

Inlet capacity maize (kg/h):**

Pre-clean	Clean
60000	40000

Impurit content (%):

Inlet	Inlet
8 (Maximum)	4 (Maximum)
Outlet	Outlet
4	1

Moisture content (%):

Inlet	Inlet
18	14

Approx. shipping weight (kg):

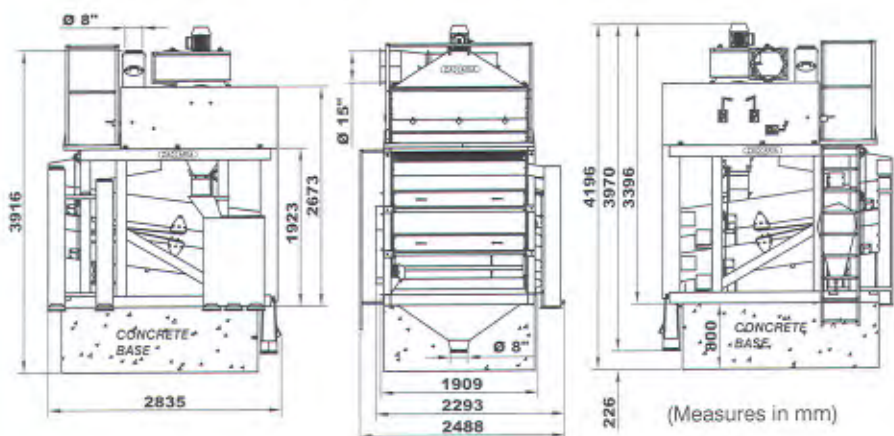
2570

Approx. shipping volume (m³):

20

CHARACTERISTICS

- Safety platform attached for adjustments and maintenance;
- Ladder to facilitate access in the equipment;
- A set of screens made of galvanized steel to prevent rusting;
- Wood frame designed to facilitate the exchange of the screens with sliding system, without fastening by bolts;
- Heavy duty Structure (framework);
- Exhaust system included on the machine frame, no need external fans for dust removal;
- Adjustment handles with scale in the aspiration chamber;
- Spare parts (belts and bearings) are easily found on the market;
- Set of screens with geometry and specific drilling to each type of grains (consult us).



OUR EXPERIENCE MAKES DIFFERENCE

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Note: -*Cyclone and sleeve filter are optional equipments.
-**Production capacity for other cereals and leguminous consult us.
-Machine originally supplied with motor.

Industrias Machina Zaccaria S/A reserves the right to change the information contened in this catalog, including the color and details of the machine, without previous notice.