

PLZ-50/30M



Pre Cleaner
and Cleaner
PLZ-50/30M

ZACCARIA

PLZ-50/30M

Model:

PLZ-50/30M

Power / poles:

Feeding:

3,0 hp (2,2 kW)
1500 rpm (50 Hz)
1800 rpm (60 Hz)

Fans:

| | |
|------------------|------------------|
| 5,0 hp (3,7 kW) | 4,0 hp (3,0 kW) |
| 1500 rpm (50 Hz) | 1500 rpm (50 Hz) |
| 1800 rpm (60 Hz) | 1800 rpm (60 Hz) |

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

| | |
|-----------|--------|
| Pre clean | Clean |
| 50.000 | 30.000 |

Inlet capacity bean (kg/h):**

| | |
|-----------|--------|
| Pre clean | Clean |
| 30.000 | 30.000 |

Inlet capacity maize (kg/h):**

| | |
|-----------|--------|
| Pre clean | Clean |
| 50.000 | 30.000 |

Impurit content (%):

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

Moisture content (%):

| | |
|-------|-------|
| Inlet | Inlet |
| 18 | 14 |

Approx. weight: packaged (kg)

2570

Approx. volume: packaged (m³)

20

Note: -*Cyclone and sleeve filter are optional equipments.

-**Production capacity for other cereals and leguminous consult us.

-Machine originally supplied with motor.

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Pre Cleaner and Cleaner PLZ-50/30M

The Pre Cleaner and Cleaner model PLZ-50/30M was developed to separate different sizes of impurities from the cereal grain and leguminous. The impurities are bigger, smaller and lighter than the grains. It also can provide two configurations such as Pre-Cleaner or Cleaner.

The work principle of the PLZ-50/30M consists in three steps:

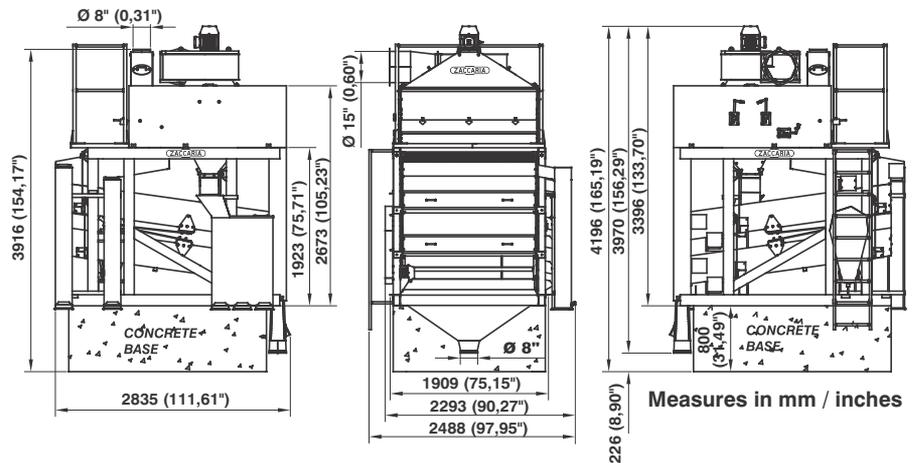
FIRST STEP: The aspiration chamber separates the impurities lighter than the grains by the upstream airflow provided by a fan.

SECOND STEP: Sieves overlapping assembled in parallel and with different sizes of screens holes associated to the vibratory movement with properly inclination are responsible to separate bigger and smaller impurities.

THIRD STEP: It has an air column placed at the grains outlet. Its purpose is to remove the impurities lighter than the grains, which were not removed by the previous steps.

TECHNICAL FEATURES

- Set of screens made by galvanized steel to prevent corrosion
- Metallic frame designed to facilitate the screen changing by sliding system
- Reinforced structure (framework)
- It has its own exhaust system
- Adjustment handles with scale at the aspiration chamber
- Set of screens have specific drilling geometry according the type of the grains (under consult)



EXPERIENCE THAT MAKES THE DIFFERENCE

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