



# PPR

## ROTARY PRE-CLEANER



This pre-cleaner is designed for fast removal of light and rough impurities in the cereal. It is essential for the quality of the cereal that a pre-cleaner is installed at the dryer inlet. It homogenizes the product, preventing clogging and reducing energy consumption. The version with aspiration reduces the emission of dust into the atmosphere.



### CONSTRUCTION

- Cowling and drum support uprights in pressed galvanised sheet
- Mobile lateral doors fitted with handle and lock
- Perforated carbon steel plate screens
- Manual drum inclination
- Nylon brushes for screen cleaning
- Fixed rotation speed
- Manually regulated conveyor for discharge of large impurities



01



02



03

01, 02, 03 - Installation examples

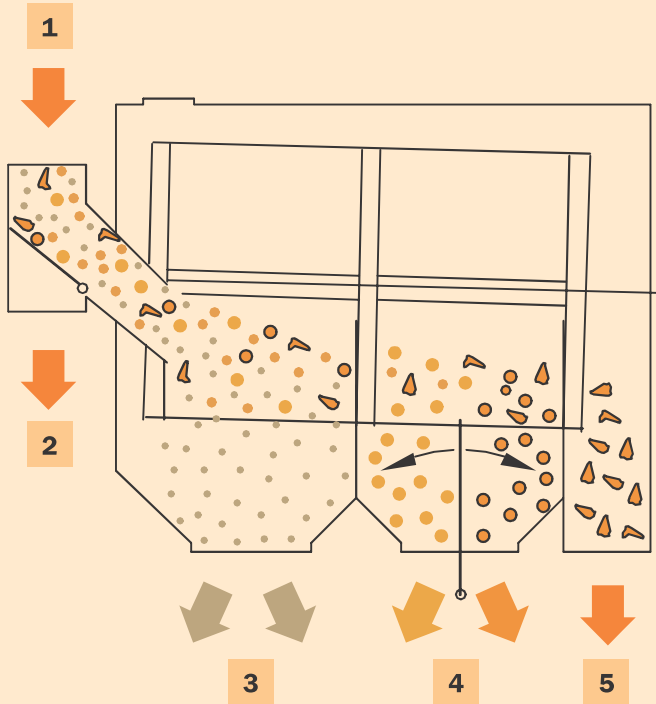


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# FUNCTION

The product enters by gravity into a cylindrical rotating drum with changeable perforated screens. The good product passes through pre-set holes, while the rough impurities come out at the end of drum.

The choice of screen perforation size depends on the product, the moisture content and the type of reject to separate.



- 1) Product with impurities inlet
- 2) Product outlet (By-Pass)
- 3) Light rejects outlet
- 4) Clean product outlet
- 5) Heavy rejects outlet

| MODEL                        | PPR 2/6 | PPR 3/6 | PPR 4/6 | PPR 2/9 | PPR 3/9 | PPR 4/9 | PPR 3/12 | PPR 4/12 | PPR 5/12 | PPR 3/16 | PPR 4/16 | PPR 5/16 |
|------------------------------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|----------|----------|
| Output - t/h**               | 20      | 30      | 40      | 50      | 75      | 100     | 140      | 180      | 230      | 225      | 300      | 375      |
| Screen area - m <sup>2</sup> | 2,5     | 3,75    | 5       | 5       | 7,5     | 10      | 10,5     | 13,5     | 16,75    | 13,5     | 18       | 22,5     |
| N° of screens                | 2       | 3       | 4       | 2       | 3       | 4       | 3        | 4        | 5        | 3        | 4        | 5        |
| Power - kW                   | 0,75    | 1,1     | 1,1     | 1,5     | 2,2     | 3       | 3        | 4        | 5,5      | 4        | 5,5      | 7,5      |
| Length - mm*                 | 2192    | 2845    | 3492    | 2960    | 3810    | 4660    | 4300     | 5185     | 6115     | 4435     | 5340     | 6255     |
| Width - mm*                  | 800     | 800     | 800     | 1100    | 1100    | 1100    | 1400     | 1400     | 1400     | 1920     | 1920     | 1920     |
| Height - mm*                 | 1345    | 1345    | 1345    | 1800    | 1800    | 1800    | 2216     | 2216     | 2216     | 2591     | 2591     | 2591     |
| Weight empty - kg            | 310     | 405     | 525     | 540     | 625     | 810     | 1280     | 1450     | 1700     | 1700     | 2675     | 3100     |
| Volume - m <sup>3</sup>      | 2,3     | 3       | 3,7     | 5,9     | 7,5     | 9,2     | 13,3     | 16,1     | 19       | 22       | 26,5     | 31       |

\* Overall dimensions  
 \*\* Cleaning output with wheat sp. w. 0.78 t/m<sup>3</sup> – 14%r.h, impurities 2%

## OPTIONAL

- Variable drum rotation speed
- Wooden rollers for screen cleaning
- Motorised drum inclination
- Wearproof polyethylene sheet
- Motorised conveyor
- Control console