

# PPR Rotary Cleaner

## Concept - Design - Manufacture



This pre-cleaner is designed for fast removal of light and rough impurities in cereal. It is essential for the quality of cereal that a pre-cleaner is installed at the drier inlet. It homogenises 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.

### Optional

- Variable drum speed.
- Wooden rollers for screen cleaning.
- Motorised drum inclination.
- Wear proof polyethylene sheet.
- Motorised conveyor.



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

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	3.5	7.5	10	10.5	13.5	16.75	13.5	18	22.5
N°. of Screens	2	3	4	1	3	4	3	4	5	3	4	5
Power - kW	0.75	1.1	1.1	1.1	2.2	3	3	4	5.5	4	5.5	7.5
Length - mm*	2192	2845	3492	2285	3810	4634	4290	5185	6115	4435	5340	6255
Width - mm*	800	800	800	1100	1100	1100	1400	1400	1400	2018	2018	2018
Height - mm*	1345	1345	1345	1255	1800	1800	2216	2216	2221	2441	2441	2441
Weight Empty - kg	310	450	550	540	800	920	1280	1540	1750	1700	2675	3000
Volume - m <sup>3</sup>	2.3	3	3.7	3.15	7.5	9.2	13.3	16.1	19	22	26.5	31

\*Overall dimensions

\*\*Pre-cleaning output with wheat, specific weight 0.78 t/m<sup>3</sup> - 20% RH - Impurities 2%



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