

Outstanding Cleaning without water.



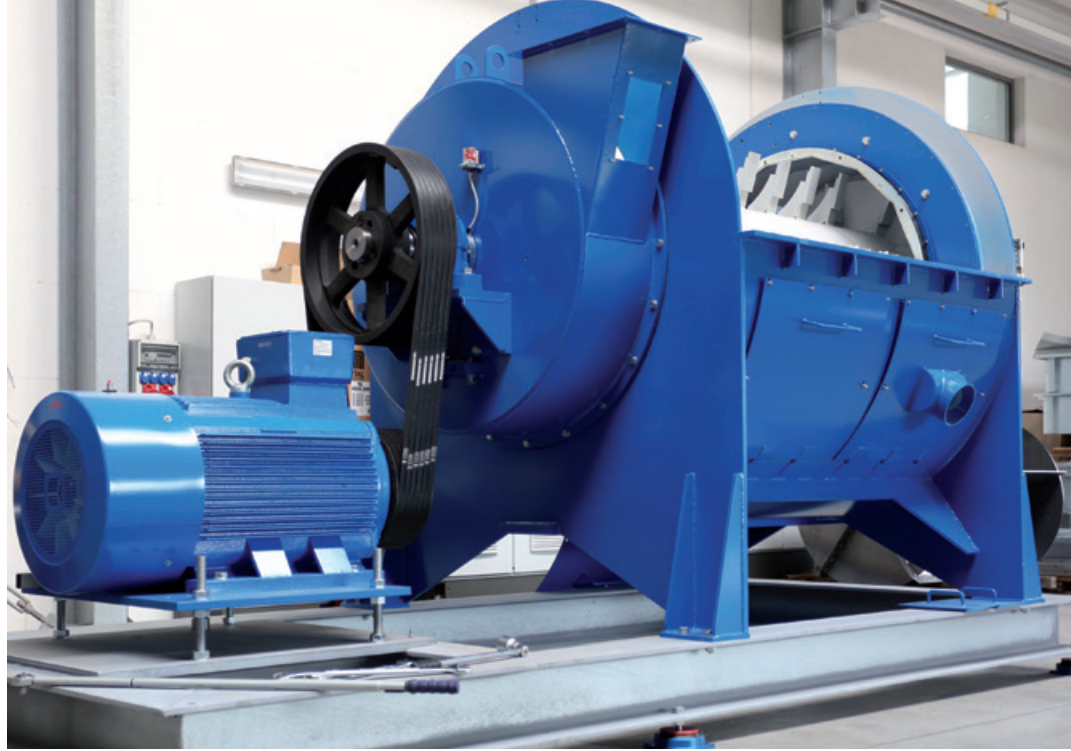
Dry Cleaning: Waterless = Cost Efficient

Pla.to has developed an innovative waterless technology for removing surface dirt and paper labels from waste plastics. This new system has been proven to effectively replace or reduce wet washing in a wide range of plastic applications.

Pla.to's waterless cleaning process features a high-speed, rotating shaft fitted with a vast number of angled paddles mounted inside a screen basket. The machine generates a strong centrifugal force that removes labels and dirt from surface areas of plastic flake. Through this process, paper is completely broken down to its smallest fibres while surface dirt is spun off the plastic, passing out through the screen.

Proven Waterless Cleaning Applications

- Post-consumer film and mixed plastics
- Post-industrial film
- PET and HDPE containers
- PVB film residues from laminated glass recycling



	MR90-90	MR132-130	MR200-140	MR250-180
Performance rigid Flake Size < 10 mm [kg/h]	2000 – 2500	4000 – 5000	5000 – 6000	6000 – 8000
Performance Film > 20 µm Size < 40 mm [kg/h]	500 – 700	700 – 1200	1200 – 1800	2000 – 2500
Main Motor [kW]	55 – 75	90 – 110	132 – 160	200 – 250
Basket Diameter approx. [mm]	900	1300	1400	1800
Scraper Drive [kW]	0.55	0.75	0.75	0.75

The achievable throughput capacity depends on the particle size and material thickness.



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