



Plastic Washing Lines

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PP PE Film Washing Line

Model	Power(kw/h)	Water(m3/h)	Output(kg/hr)
RM-300	85	5-6	300
RM-500	160	6-8	500
RM-1000	280	10-15	1000
RM-2000	425	20-30	2000

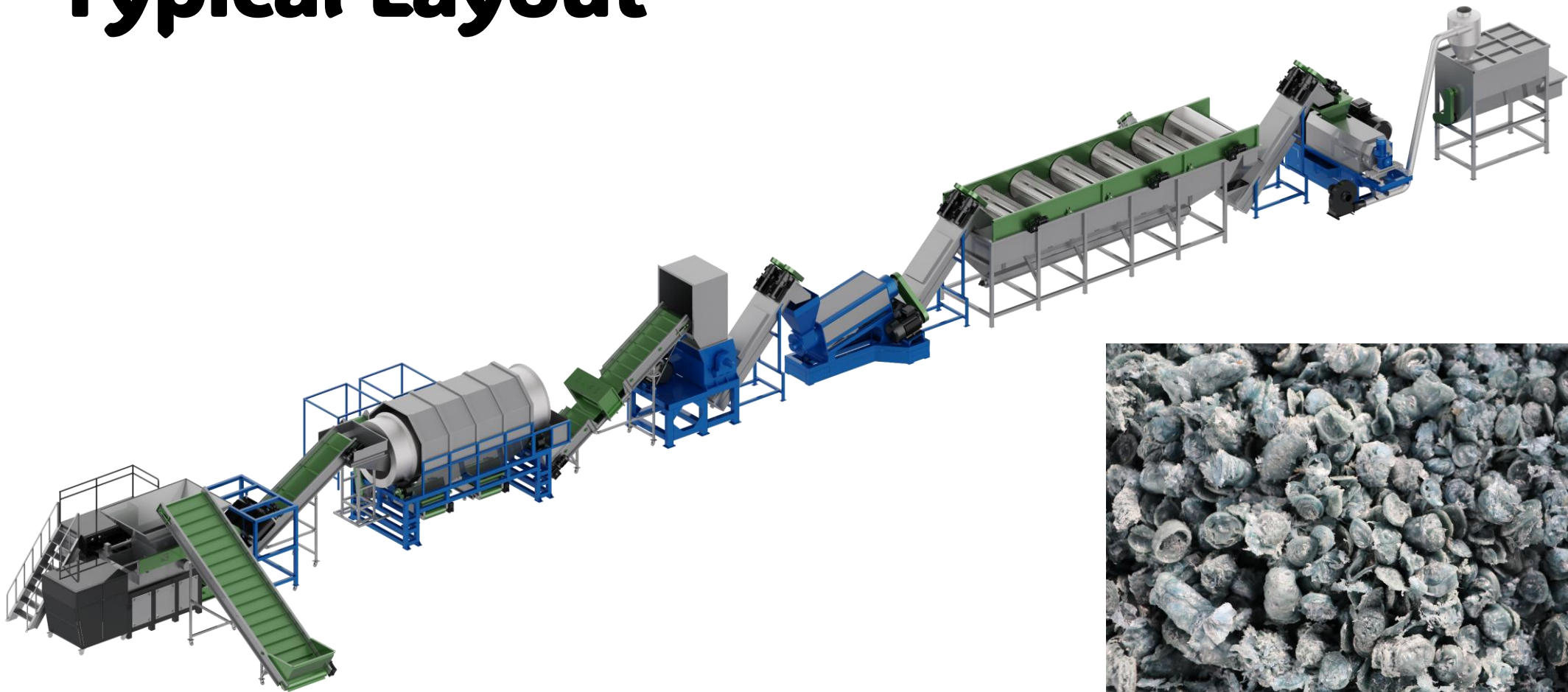


Product Overview

- The PP PE film washing line is a fully automatic, modular plastic recycling system specially developed for waste polypropylene (PP) and polyethylene (PE) flexible plastic materials. It is a core solution for recycling contaminated post-consumer and post-industrial plastic films, effectively removing surface dirt, sediment, oil stains, glue residues, labels and organic impurities from waste films. This production line converts messy, dirty waste plastic films into clean, low-moisture, high-purity plastic flakes, which can be directly used for downstream pelletizing, injection molding and plastic product remanufacturing.



Typical Layout



HDPE PP Bottle Washing Line

Model	Power(kw/h)	Water(m3/h)	Capacity(kg/h)
RM-1000	130	3-4	1000
RM-2000	220	5-6	2000
RM-3000	280	6-8	3000

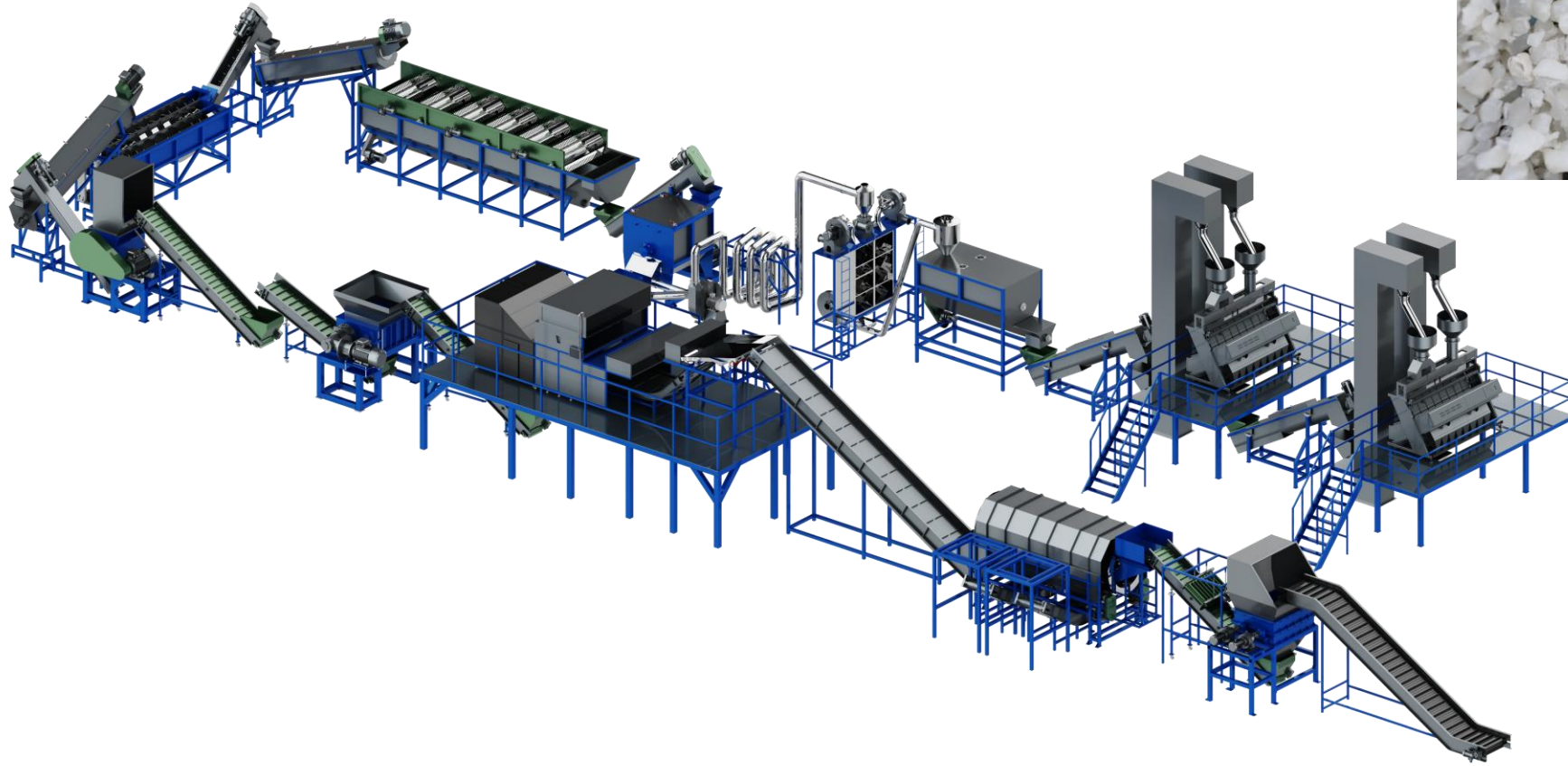


Product Overview

- HDPE PP bottle washing line is an automatic modular plastic recycling system for waste HDPE and PP rigid bottles, such as milk bottles, detergent bottles, shampoo bottles, plastic jerrycans and PP containers. This production line removes labels, residual liquids, oil, dirt, glue and heavy contaminants from post-consumer plastic bottles, turning dirty whole bottles into clean plastic flakes for downstream pelletizing, injection molding and blow molding reproduction.



Typical Layout



PET Bottle Washing Line

Model	Water(T/H)	Power(kw/h)	Labor	Capacity(kg/h)
RM-1000	4-5	230	4-6	1000
RM-3000	6-8	420	5-8	3000
RM-5000	8-10	580	8-10	5000



Product Overview

- PET bottle washing line is a fully automatic modular recycling system dedicated to waste PET beverage bottles, mineral water bottles, oil bottles and PET containers. The line removes labels, residual liquids, glue, dirt, oil and other contaminants, converting dirty whole PET bottles into clean PET flakes for downstream pelletizing, fiber spinning, sheet extrusion and bottle-to-bottle recycling. Since PET has a higher density than water, this line adopts sink-float separation to separate PET flakes from floating HDPE/PP caps and labels. It is widely deployed in small, medium and large plastic recycling facilities.



Typical Layout

