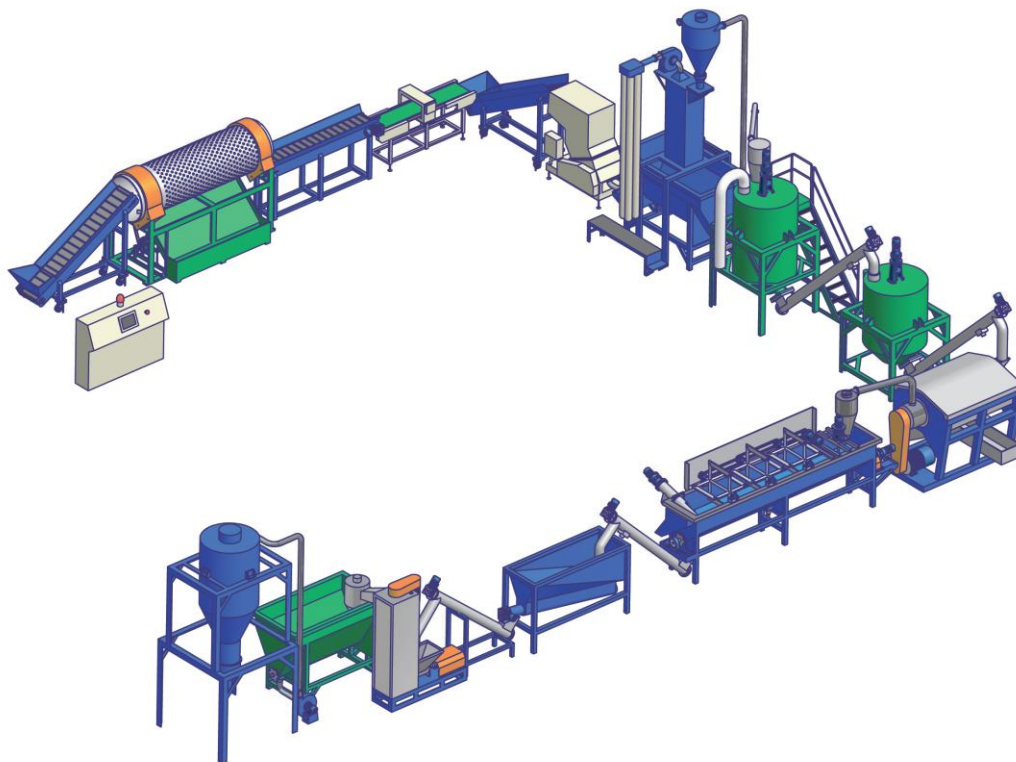


## PET - washing and recycling line

Washing and recycling line is designed for subjects, dealing with recycling of PET waste, in form of PET bottles above all, in smaller volumes of output ranging from 350 to 500 kg per hour. This technology is very user easy. It separates rough dirt from PET waste in its output, controls inherence of heterogeneous mess, above all metal due to security of crusher, subsequently it crushes and gravel is, after exhaustion of light parts (dust, labels, etc.), being transported into system of multistep washing. After washing lighter parts of plastics are removed from this mixture by sedimentation method, used for PET bottle lids or labels. Pure PET recycled material, in form of flakes, is subsequently separated, dried and put into bags.

This washing and recycling line is standardly equipped by supplementary waste treatment for recylation of used supply water which ensures a follow-up return of about 75% of used water into the system of washing.



### Orientation technical data

- \_ input capacity (entry of PET bottles) 350 - 500 kg/h
- \_ output capacity (pure PET flakes) 300 - 425 kg/h
- \_ nominal electric input 150 kW
- \_ real consumption 55 - 85 kWh
- \_ consumption of supply water 2 m<sup>3</sup>/t (without W.R.S.)
- \_ floor room for installation of line 200 m<sup>2</sup>
- \_ recommended size of room incl. handling 600 m<sup>2</sup>
- \_ max. height 6 m
- \_ tender 3 + 1 handler