

# 洗涤剂 Bottle Pre-washing Machine

整瓶清洗的目的在于把杂质在PET粉碎前尽可能多的去除，是PET瓶回收中的重要环节，通过他的有效清洗保证最终PET瓶片质量和降低生产成本。特别是在粉碎机的运行中，通过高温清洗后的PET瓶避免因过多的污染物而使刀具产生不必要的磨损。

Bottle pre-washing is aimed to remove the external impurities before PET bottle crushing as much as possible. It is the important process in PET bottle recycling production. And through its high temperature washing, it ensures the final product rPET flakes quality and reduce the production cost. Especially for crushing unit, it can avoid the unnecessary abrasion of blades by excessive hard solid impurities.

宝绿特整瓶清洗设备分为连续式洗涤机和间歇式洗涤机两种。连续式洗涤最大的工艺特色在于连续进料，连续清洗，利用高温药剂清洗水，把瓶子表面的标签、泥土、沙、胶水、橡胶、金属等从瓶子表面分离，分离率可达90%以上。配套的药剂水过滤系统，可以使药剂水循环使用，药剂水的寿命更长，节省清洗成本。

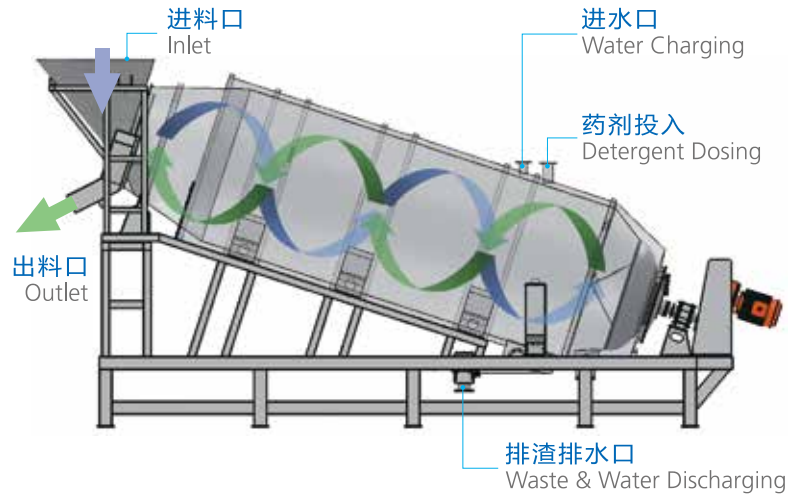
间歇式洗涤可以确保瓶子和药剂水有充分接触的时间，更适用于油壶料的清洗。

BoReTech supplies two types of PET bottle pre-washing machines, continuous type and batch type. The biggest feature of continuous bottle pre-washer is that it owns automated water circulation system and continuous input feeding, then uses high-temperature chemical water to wash bottles. This kind of washing removes labels, dirt, sands, glues, rubbers, metals and other impurities on the bottles' surfaces. Impurities separation rate is over 90%. Supplementary chemical water recycling system achieves the completed separation of washing chemical water and bottles, and prolong service life of the chemical water and save additive cost.

Batch-washing ensures that PET bottles have sufficient time soaking in chemical water, it will be applied to recycle oil bottles well.

### 运行示意图 Operation Process

#### 间歇洗涤机 Batch Type



#### 连续洗涤机 Continuous Type

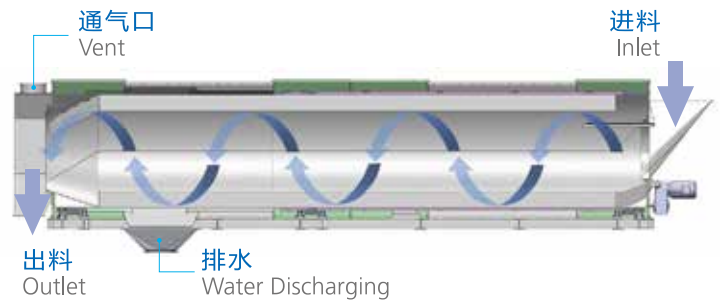
- \*经高温清洗后PVC瓶及标签易于识别
- \* PVC container can be easily distinguished after washing

\*药剂水回用过滤三步走：

- ①粗过滤
- ②细过滤
- ③沉淀

\* 3 Steps Circulation:

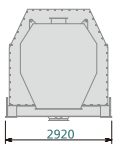
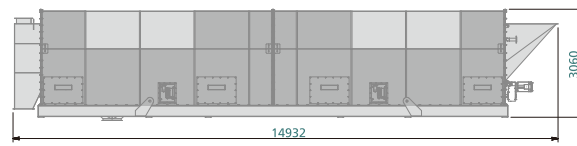
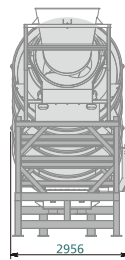
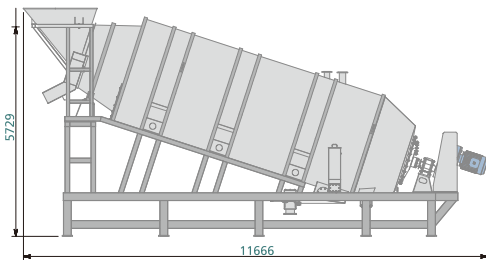
- ① Rough Filtration
- ② Fine Filtration
- ③ Sedimentation



### 外观尺寸图 Dimensions

XD25X60

XDL2100



### 备件 Spare Parts

定位轮  
Positioning Wheel

托轮  
Roller



### 参数表 Parameters

型号 Model	单位 Unit	处理量 Capacity (kg/h)	功率 Power (kW)	外形尺寸 Dimensions (mm)	蒸汽耗量 Steam Consumption Rate (kg/h)	水循环量 Water Circulation Rate (t/h)
<b>XD25X60</b>		1500	45	11666 x 2956 x 5729	300	15
<b>XDL1800</b>		3000	7.5x2	11250 x 2274 x 2740	500	20
<b>XDL2100</b>		4500	15x2	14932 x 2920 x 3060	500	23
<b>XDL2400</b>		6000	15x2	15776 x 3200 x 3222	600	25

\*用水量为100%循环水

\*Water consumption rate is 100% reused water

