

粉末清洗机 PURIFINES

粉末清洗机是一种先进、环保的处理PET混杂碎屑技术设备，它在今后的再生聚酯化纤行业中具有不可替代的地位。设备针对PET瓶片清洗厂开发，特别适合于大中型PET碎片清洗装置或PET碎片粉末集中回收处理厂家。目的是提高再生PET成品回收率，增加产品的附加值。

PURIFINES is an advanced and environmental-friendly facility for purifying waste rPET fines. It has the irreplaceable position in recycled polyester staple fiber industry. PURIFINES is aimed at increasing rPET recycling recovery ratio and enhances added value for PET bottle recycling plant with large capacity and fines washing plant.



PET小颗粒
Pure PET fines

砂粒泥沙
Mud & Sand

标签纸浆
Labels

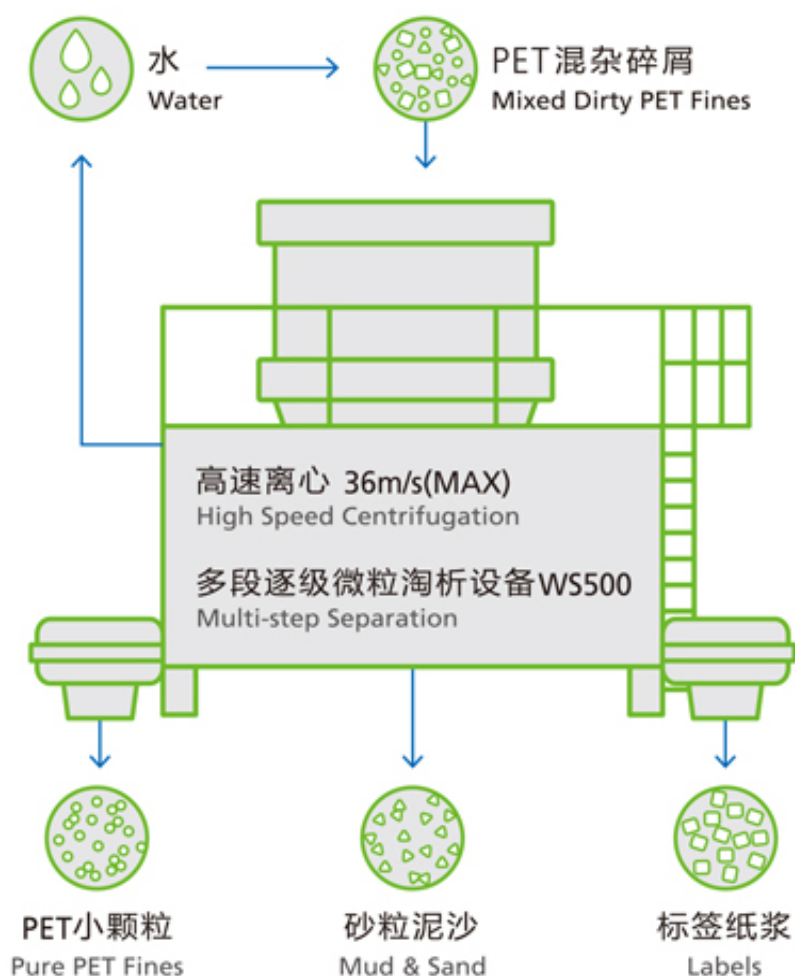
BoReTech[®]
PET Recycling Equipment

再生PET混杂碎屑淘析分离技术
rPET Fines Elutriation Technology



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rPET Fines Elutriation Technology



PURIFINES用于PET瓶生产洁净PET碎片过程中产生的细小颗粒物(占总重2-3%)分离处理,在没有浓盐水的作用下,分离出其中的标签碎屑、纤维和沙粒等各项杂质,得到纯净的PET微小颗粒。

集二十多年设备研制经验精心设计而成,结构简单且紧凑,构思巧妙,绿色环保,突破传统设计。生产能力为500KG/H, 可以实现24小时连续生产。一般只需操作工人两名,一键式操作,非常简便。

PURIFINES is special for separating the small labels, mud, and sands from the rPET fines without any additive solvent such as concentrated brine, and then collect the pure rPET fines.

With more than 20 years R&D experience in PET bottle recycling industry, BoReTech designs the PURIFINES as a compact, simplified, functional and modern facility. It can be achieved 24 hours continuous production with 500 kg/h capacity. One-button start-stop control system makes the operation simple and two operators are sufficient for regular plant running.

占地、公用工程使用量

Estimated Parameters

产能 Capacity	KG/H	500
占地面积 Required Area	m2	12
安装动力 Installation Power	KW	11
人数 Manpower		2
设备腐蚀性 Causticity		无腐蚀 None
污染物排放 Pollutant Discharge		无污水 No

平均每吨粉末能耗

Average Consumption per ton Flakes

用电量 Electricity Consumption	Kw/Ton	11
用水量 Water Consumption	m3/Ton	0.5-1
生产成本 Cost	USD/Ton	<15

