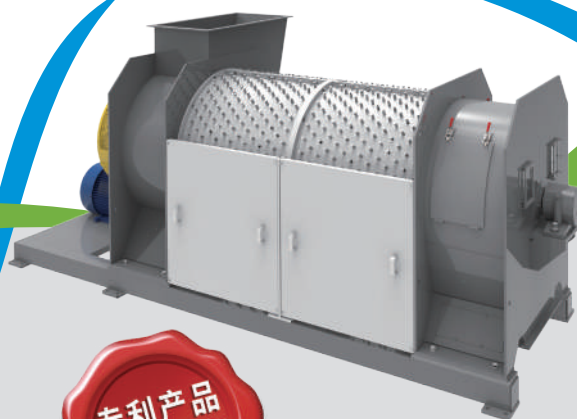


热收缩标签高效脱离技术

Heat-shrink Label  
Separation Technology



## 脱标机

### Heat-Shrinkage Label Scrapping Machine

在亚洲，PET 瓶标签多为热收缩标签，无法透过整瓶清洗将其洗去，这一直是 PET 回收行业的一大难题。宝绿特高效率脱标机拥有技术专利，可彻底解决此问题。脱标机的运行原理是先利用脱标机内部结构运转将瓶子表面的标签撕破，使标签不再粘附于瓶体，然后利用 PET 瓶与标签的比重和面积区别，在可调节风力的作用下把瓶体和标签彻底分离。

In Asia, most labels are PVC heat-shrinkage sleeves which cannot be removed by bottle pre-washing. It is a big problem in the PET bottle recycling industry. BoReTech label scrapper has a patent, which can completely solve this problem. Firstly, the label scrappers will tear the labels by its blades and bolts, so that the labels are no longer attached to the surface of the bottle. Secondly, these labels will be completely separated by adjustable wind-force and gravity difference between bottles and labels.

宝绿特提供脱吹一体及脱吹分离两种形式的脱标机。分体式脱标设备由脱标机及吹标机组合而成。占地较一体式大，产能最大可达4吨/时，一体式脱吸标设备占地小，结构紧凑。

具有专利设计的脱标机刀片拥有更长使用寿命和高速的脱标效率，低损伤瓶体的特性，平均脱标率约在90%以上，破瓶率约在5%以内，使用寿命可长达10000吨。新一代脱标机刀片和螺栓拥有更加出色的效能。

特殊设计的机构可以让更换备件的时间缩短到最小，易于拆卸保养，结构稳定，工作可靠，保证整条生产线的流畅运行。

BoReTech supplies two types of heat-shrinkage (PVC) label remover. One is consists of a label scrapper and a label blower and its capacity reaches up 4,000 kg/h. The other is a compact device that can remove labels by two functions combined with scrapping and blowing. The compact label remover occupies less space and has a compact mechanical structure.

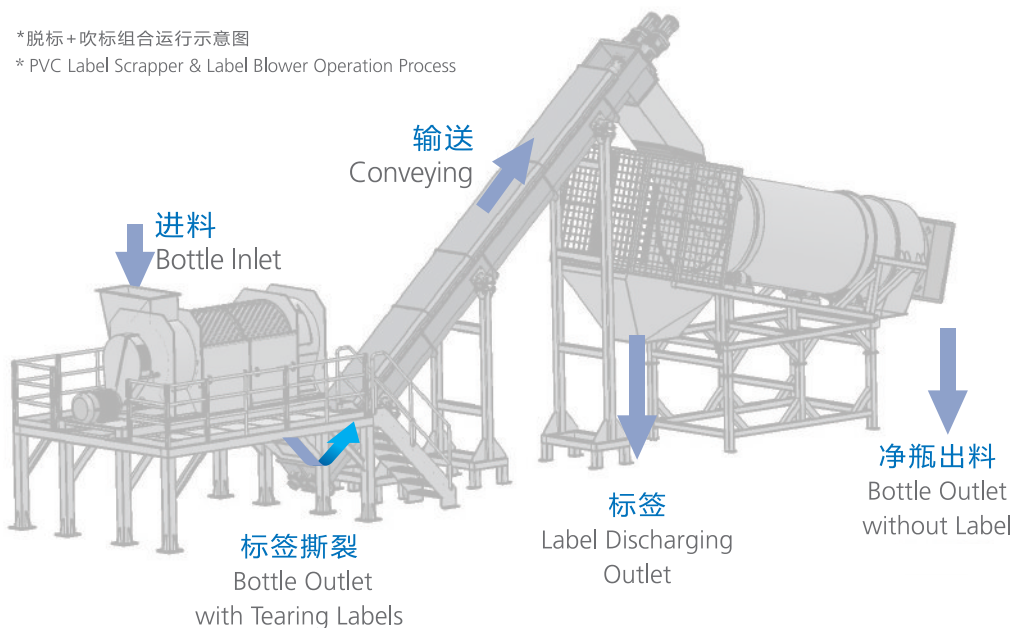
BoReTech label scraping blade and bolt have a longer service life which can reach up 10,000 tons input, it has high efficiency of label separation rate and a low bottle damage rate. The average label separation rate is over 90% and the bottle-breaking rate within 5%. More than ever, the new generation of blades and bolts have better working efficiency.

Specially designed machine structure can minimize the time to replace spare parts, it's easier for daily maintenance and ensure the washing line under smooth operation.

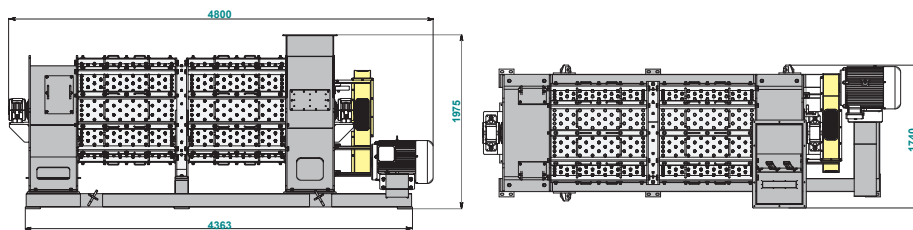
## 运行示意图 Operation Process

\*脱标+吹标组合运行示意图

\* PVC Label Scrapper & Label Blower Operation Process



## 外观尺寸图 Dimensions



## 参数表 Parameters

### 脱标机-PVC Label Scrapper

型号 Model	单位 Unit	处理量 Capacity (kg/h)	功率 Power (kW)	外形尺寸 Dimensions (mm)	脱标效率* Label Separation Rate (%)	破瓶率 Bottle Broken Rate (%)
<b>TB600</b>		600	11	3200 x 1980 x 1895	>95	≤5
<b>TB800</b>		3000	30	3300 x 1462 x 2258	>95	≤5
<b>WTB800A</b>		3000	30	3935 x 1560 x 1935	>95	≤5
<b>TB1000</b>		4000	30	4550 x 1850 x 2075	>95	≤5
<b>STB 800</b>		3000	30	4800 x 1740 x 1975	>95	≤5
<b>TB 8022</b>		3000	37	4900 x 1700 x 2000	>95	≤5

## 参数表 Parameters

### 脱吸标机-Label Remover

型号 Model	单位 Unit	处理量 Capacity (kg/h)	功率 Power (kW)	外形尺寸 Dimensions (mm)	脱标效率* Label Separation Rate (%)	破瓶率 Bottle Broken Rate (%)
<b>XTB-600</b>		800	11+1.5+4	3910 x 2710 x 2685	>90	≤5%
<b>WTB800B</b>		1500	30	4710 x 1690 x 1950	>90	≤5%

\*脱标效率与瓶砖原料有关

\*Label separation rate is effected by PET bottles condition

## 备件 Spare Parts

### 脱标刀片及螺栓

Label Scrapping Blade & Bolt

使用寿命：10,000吨

Service life: 10,000 Tons output

