



**Armmost** 

阿莫斯特环保科技有限公司  
**Armmost Recycling-Tech. Co ., Ltd.**

# 公司简介

## Company profile

东莞阿莫斯特环保科技有限公司，成立于2014年12月19日，公司专注于废杂塑料再生利用和工业尾气无害化处理其相关产品的研发、制造、销售和服务。现已推出废旧混杂塑料破碎、清洗及分选一条龙式混合塑料智能分选系统，其产品系列包括：预处理系统、沉浮分选系统、杂质剔除系统、硅橡胶分离系统和静电分选系统等。

目前公司已成为电子废弃物（WEEE）和报废汽车资源回收领域最具有核心技术和核心竞争能力的企业。连续两年荣格技术创新奖获得者，截至目前公司拥有10多项技术专利。

Dongguan Armost Recycling-Tech. Co. Ltd, founded in Dec.19, 2014, Who focuses on the waste plastics recycling and harmless treatment of industrial exhaust gas and its related products on design, manufacturing, sales and service. Armost has launched one-stop intelligent plastics sorting system for the waste mixed plastics from crushing washing to sorting, its products include pre-treatment, sorting, impurity removing, silicon and rubber separation and electrostatic separation system etc.

Armost has been the leader with core technology and competitiveness in WEEE and ELV field, and was the winner of Ringier Innovation Awards in 2016 and 2017. Currently Armost owns more than 10 patents.



Patent certificate and Award certificate

# Mini静电分离系统

## Mini electrostatic separation System

全新设计，高效分选

New concept design, High efficiency separation

全自动化控制，高纯度分选

Full automatic control, High purity separation

高效节能

High efficiency and energy saving

高度集成，占地面积小

Highly integrated, Small occupied space

柔性定制化

Flexible and Customized

### 技术参数 Technical Parameters

产能	Capacity	500 - 1500kg/h	分选纯度	Purity	ABS≥98% , PS≥98%
整机功耗	Power	86kW	供电条件	Condition	380V 50Hz
操作人数	Worker	1	设备尺寸	Size	L12m×W5m×H6.5m
占地面积	Occupied	50 m <sup>2</sup>	设备重量	Weight	≤10T

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## Mini静电分离系统

Mini electrostatic separation System

—— AES -1500 - A5



- 物理分选, 无污染  
Physical sorting, Pollution-free
- 极低损耗率  
Less attrition rate
- 高分选纯度  
High purity
- 低功耗  
Low power consumption
- 柔性定制化  
Flexible and customized

### 技术参数 Technical Parameters

产能 Capacity	1-3T/H	分选纯度 Purity	Silicone&rubber<2‰
整机功耗 Power	11KW	供电条件 Condition	380V 50Hz
操作人数 Worker	1	设备尺寸 Size	L7m×W6m×H8.2m
占地面积 Occupied	12.5 m <sup>2</sup>	设备重量 Weight	≤3T

### 硅橡胶分离系统

Silicone&Rubber separation System

ARS-2000



## 多级静电分离系统

Multistage Electrostatic plastic separation System

### 纵向布局结构设计

Vertical configuration design

### 高压静电场分选

Separation in high voltage electrostatic area

### 高分选纯度

High purity

### 高效节能

High efficiency and energy saving

### 柔性定制化

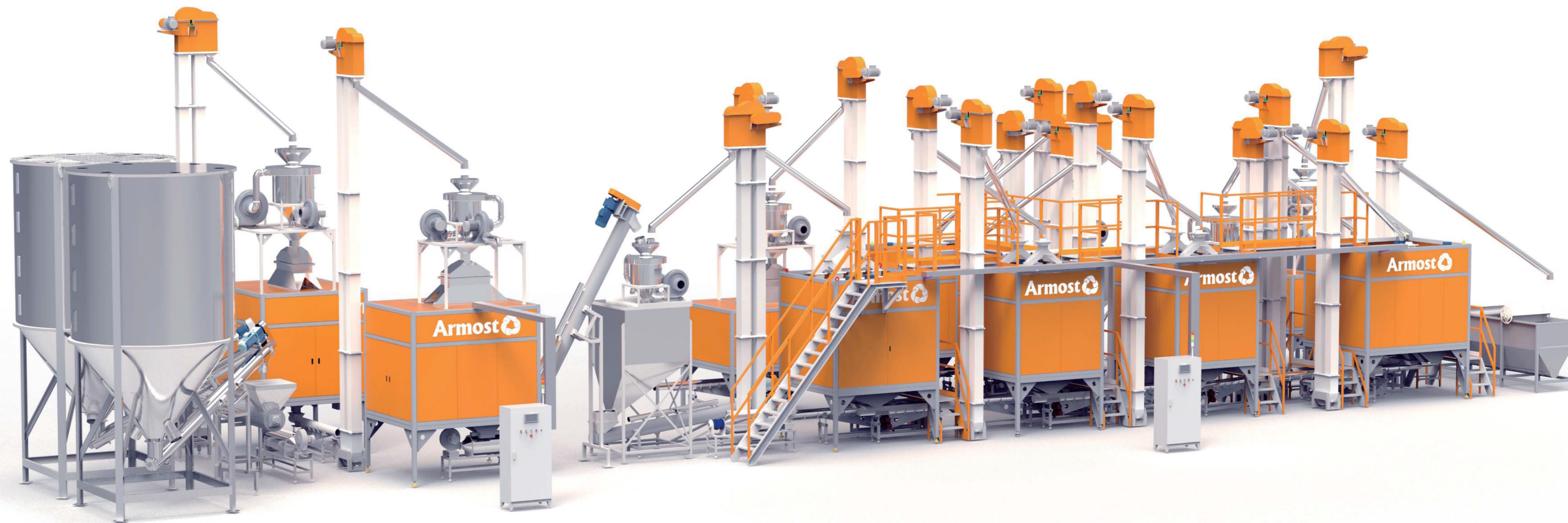
Flexible and customized

## 技术参数 Technical Parameters

产能 Capacity	1.5T/H	分选纯度 Purity	ABS≥98% , PS≥98%
整机功耗 Power	45KW	供电条件 Condition	380V 50Hz
操作人数 Worker	1	设备尺寸 Size	L7m×W6m×H8.2m
占地面积 Occupied	42 m <sup>2</sup>	设备重量 Weight	≤8T



- **流水线设计**  
Pipelining process design
- **高分选纯度**  
High purity
- **高效节能**  
High efficiency and energy saving
- **柔性定制化**  
Flexible and customized



## 技术参数 Technical Parameters

产能	Capacity	2T/H
分选纯度	Purity	ABS≥98%, PS≥98%
整机功耗	Power	250KW
供电条件	Condition	380V 50Hz
操作人数	Worker	2-3人
设备尺寸	Size	L32m×W8m×H8.6m
占地面积	Occupied	256 m <sup>2</sup>
设备重量	Weight	≤25T

**高效分离，有效避免沉浮过程中混料的生产**

High efficiency separation, Effectively avoid mixing

**自带过滤系统，提高清洗液的循环利用率**

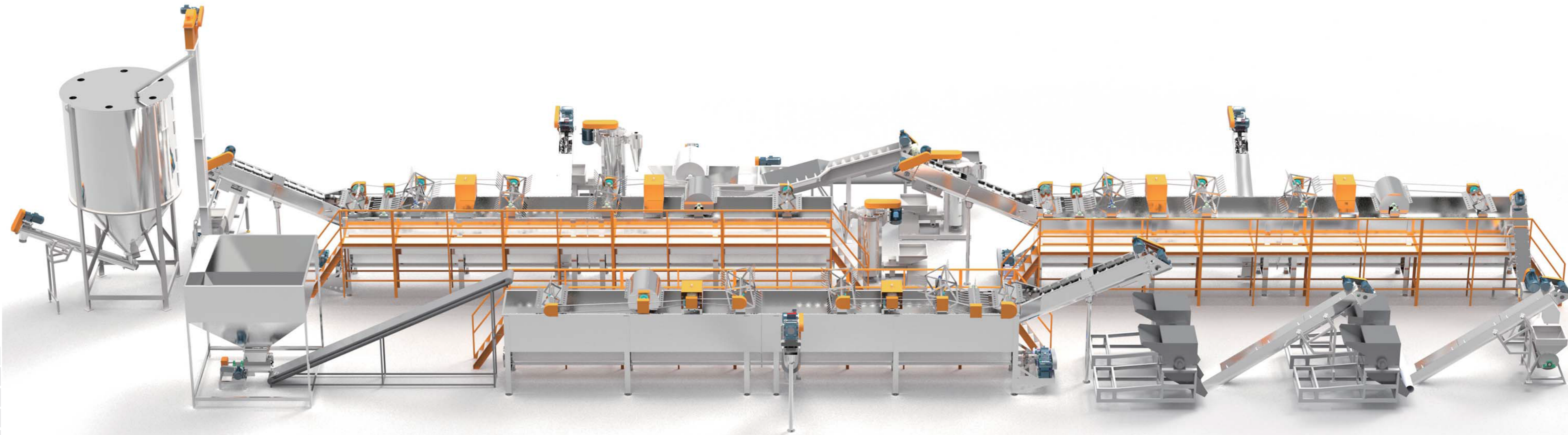
Professional filtering system, Increasing the recycling rate of washing water

**高效节能**

High efficiency and energy saving

**柔性定制化**

Flexible and customized



### 技术参数 Technical Parameters

产能	Capacity	3T/H
整机功耗	Power	350KW
供电条件	Condition	380V 50Hz
操作人数	Worker	2 - 3人
设备尺寸	Size	L35m×W13m×H4.2m
占地面积	Occupied	455 m <sup>2</sup>



**应用范围:** WEEE废物和ELV废塑料。

**功能说明:** 将前期水洗处理后的WEEE/ELV混合塑料和汽车破碎料, 通过硅胶机、静电分选系统将杂质和不需要的塑料分离出去, 最后得到高纯度的ABS, PS和 PP等。

**Application Scope:** WEEE waste and ELV waste plastics.

**Function Description:** After WEEE/ELV Washing line, this line can get rid of the impurities and needless plastics from WEEE/ELV waste mixed plastics, and finally get mixed of ABS/ PS/ PP etc. that will be the input of .

### 技术参数 Technical Parameters

产能	Capacity	2 - 3T/H
整机功耗	Power	≤330kW
操作人数	Worker	2 - 3
占地面积	Occupied	240 m <sup>2</sup>
供电条件	Condition	380V 50Hz
设备尺寸	Size	L30m×W8m×H7.5m
设备重量	Weight	≤25T

## WEEE/ELV 精洗线

WEEE/ELV mixed plastics Washing line



# HDPE/PP日杂料清洗线

HDPE/PP Processing line for daily-used



**应用范围:** HDPE和PP混合用于日用或工业废物

**功能描述:** 将HDPE/PP为主的混合废塑料经过粗破碎、细破碎和清洗,将表面的油污和污垢清洗干净,并将其他非 HDPE/PP的塑料和杂质用沉浮分离和其他分选方法分离出去,从而得到纯净的HDPE/PP塑料。

**Application Range:** HDPE and PP mixed for daily-used or industrial waste

**Function Description:** Via coarse crushing, granulation and washing process, we will be able to clean efficiently the oil and dirt on the surface of mixed HDPE and PP waste plastics and get rid of the impurities and non-HDPE/PP plastics by the Sink-floating Tank and other separation process, and finally get pure HDPE/PP

## 技术参数 Technical Parameters

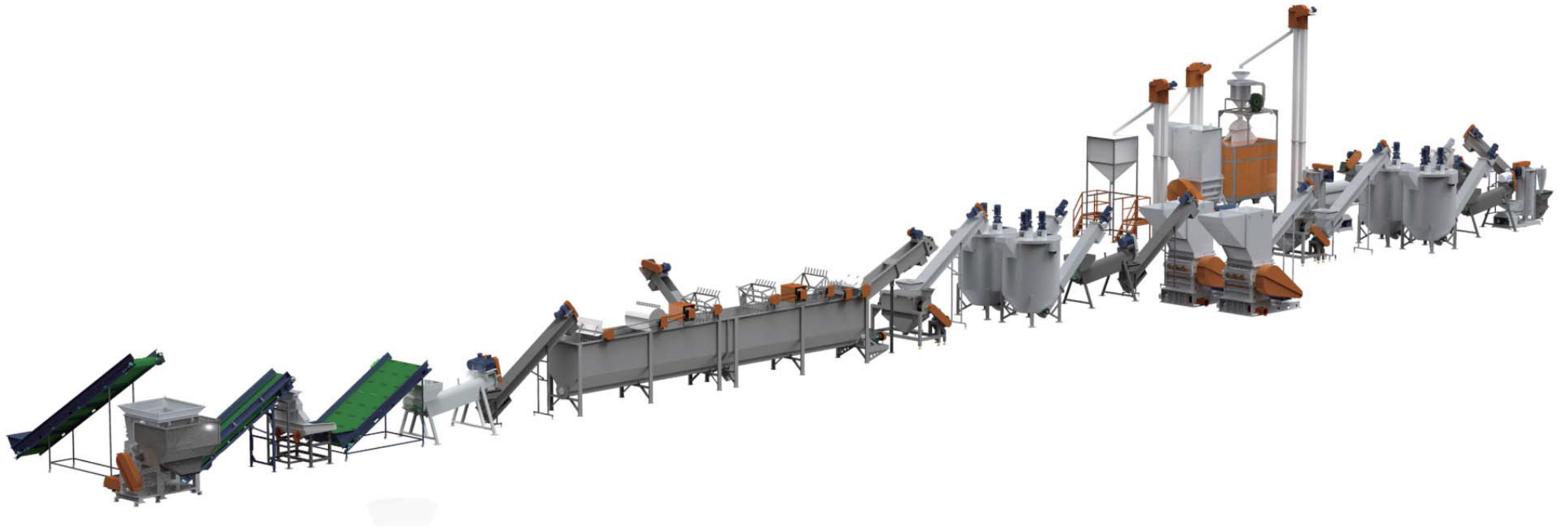
产能	Capacity	2 - 3T/H
整机功耗	Power	≤560kW
操作人数	Worker	3-5
占地面积	Occupied	300 m <sup>2</sup>
供电条件	Condition	380V 50Hz
设备尺寸	Size	L30m×W10m×H7m
设备重量	Weight	≤30T

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## HDPE/PP日杂料清洗线

HDPE/PP Processing line for daily-used



**应用范围:** 医用废塑料输液瓶和输液袋

**功能说明:** 通过粗分离, 破碎和槽罐清洗工艺, 可以高效地清洗医用输液瓶和输液袋表面的油污, 主要采用聚丙烯为主, 最后通过水槽冲洗得到纯PP塑料, 漂浮等分离工艺去除杂质和非PP塑料。

**Application Scope:** waste plastics infusion bottle and infusion bag for medical used

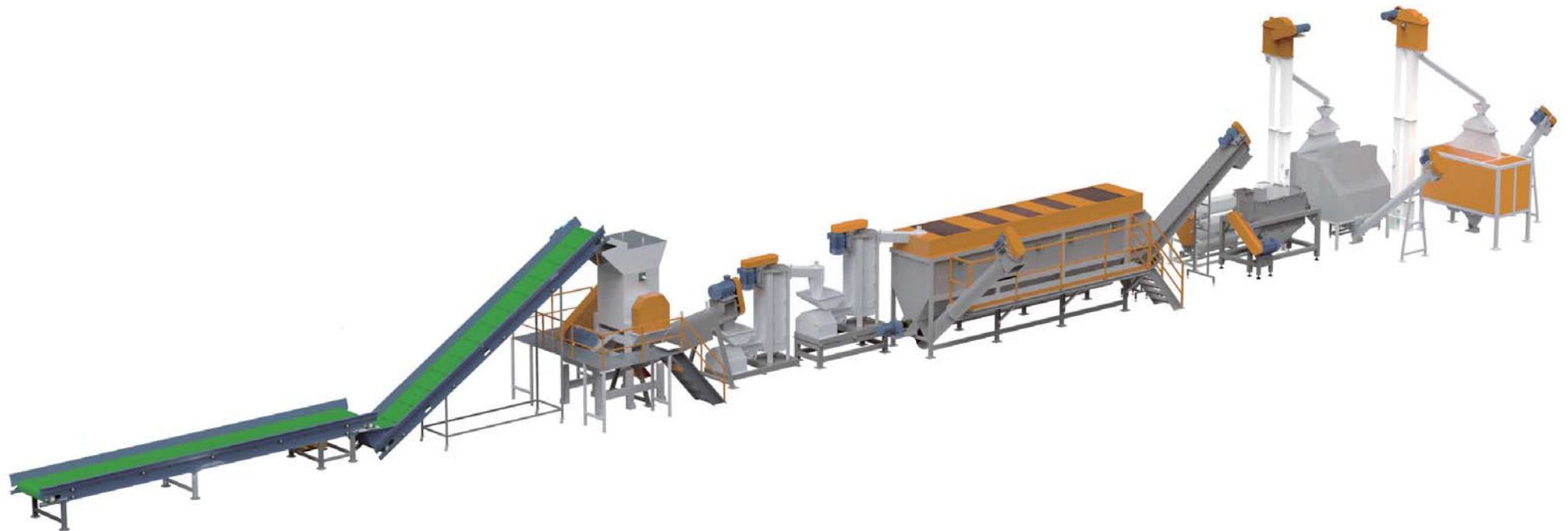
**Function description:** Via coarse separation, crushing and tank washing process, we can be able to clean off efficiently the oil and dirt on the surface of medical infusion bottle and infusion bag with PP based mainly, and finally get the pure PP plastics by sink-floating and other separation process to get rid of impurities and non-PP plastics.

### 技术参数 Technical Parameters

产能	Capacity	1 - 1.5T/H
整机功耗	Power	≤180kW
操作人数	Worker	2 - 3
占地面积	Occupied	140 m <sup>2</sup>
供电条件	Condition	380V 50Hz
设备尺寸	Size	L33m×W4.2m×H5.4m
设备重量	Weight	≤20T

## PP医疗清洗线

PP medical infusion bottle and infusion bag processing line



# 立式脱水机

## Centrifugal Dehydrator

全新设计 高效脱水

New concept design, High efficiency

自动清洁系统

Auto-cleaning system

高可靠性结构设计

High reliability structure design

高可靠性轴承选用

High reliability bearing application

柔性定制化

Flexible and customized

### 技术参数 Technical Parameters

产能	Capacity	1.5T/H	操作人数	Worker	1
主轴转速	Spindle speed	1440r/min	设备尺寸	Size	L2m×W1m×H2.6m
整机功耗	Power	12.5KW	占地面积	Occupied	2 m <sup>2</sup>
供电条件	Condition	380V 50Hz	设备重量	Weight	≤2T

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## 立式脱水机

### Centrifugal Dehydrator

