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Waste Plastic PET Bottle Recycling Washing Line

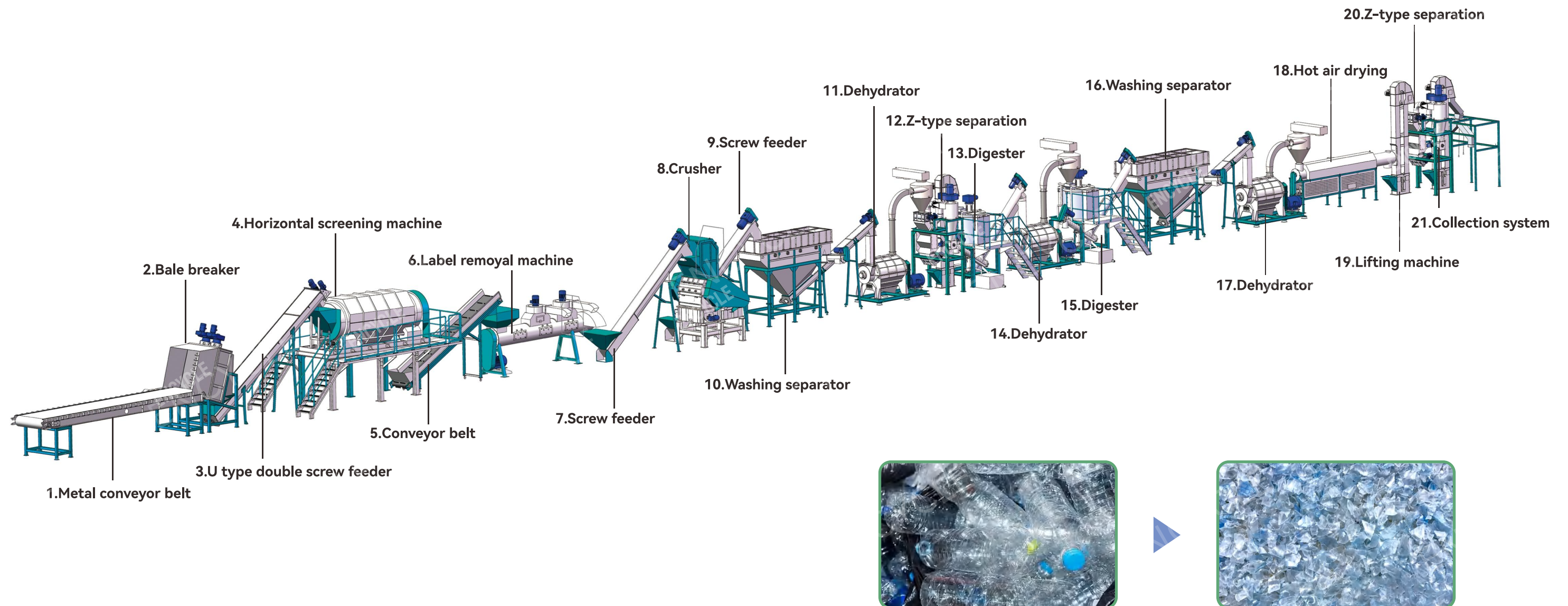


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Waste Plastic PET Bottle Recycling Washing Line



The PET bottle recycling and washing line is a specialized facility for processing used PET bottles into high-quality PET flakes. Its core components include a label remover, crusher, washing tank, and dehydrator. The process begins with label removal and crushing, followed by separation, high-temperature cleaning, and dehydration and drying, ultimately resulting in clean flakes. This line features low labor costs, a high degree of automation, and environmental friendliness.

Cleaning line equipment function description:

- **Metal conveyor belt**
Convey the packed PET bottle bricks into the unpacking machine
- **Bale breaker**
Breakup and pre-crush the compacted PET bottle bricks
- **U type double screw feeder**
Conveying broken PET bottles
- **Horizontal screening machine**
Removing sand from PET bottles
- **Conveyor belt**
Uniform material conveying
- **Label remoyal machine**
Separate branded wrapping paper of various plastic bottles
- **Screw feeder**
Conveying materials
- **Crusher**
Crush and wash with water
- **Washing separator**
Clean materials to remove sand and impurities
- **Dehydrator**
Material dehydration
- **Z-type separation**
Remove any remaining tags
- **Digester**
High temperature cleaning of materials to dissolve glue and oil
- **Hot air drying**
Further drying of the material
- **Lifting machine**
Conveying materials
- **Collection system**
Centralized storage of materials

By selecting the right machine model, we integrate solutions that best meet your production needs. This allows users to achieve the most cost-effective production line while minimizing investment. We use recycled materials to produce high-quality products for sale or for use in plastic products such as wire drawing, pelletizing, blow molding, and film blowing.