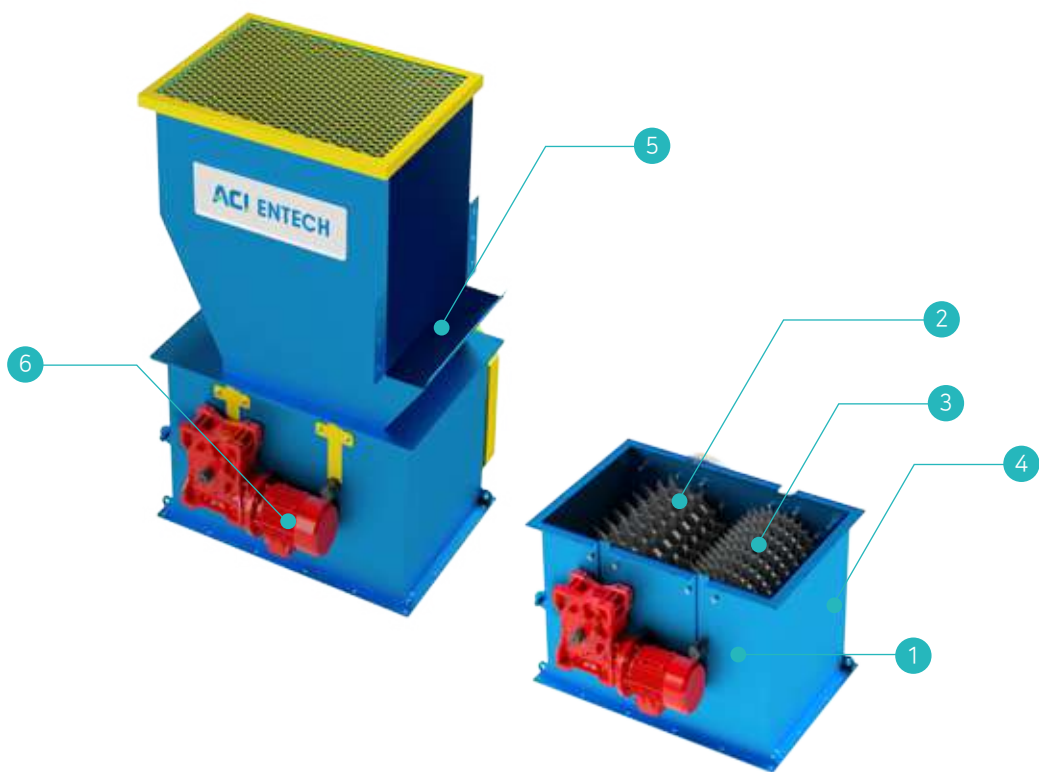


06 PET Bottle Piercer

Machine to Pierce PET Bottle with Two Rotors

Simple + Safe + Cost Saving

ACI ENTECH PET Bottle Piercer is to perforate PET bottle with the rotating knives. The holding and the cutting knives from special steel pierce the PET bottles of different sizes efficiently. The speed of the two rotors are different for high efficiency. The knives are replaceable to save the maintenance cost. The big diameter shafts minimize clogging and jamming problems, and it is easy for operators to do the maintenance through two hatches located on both sides of the machine. The safety sensors will stop the machine for hatch opening.



1 Machine Casing
2 Rotor 1

3 Rotor 2
4 Safety Sensor

5 Feeding Hopper
6 Drive Motor

Applications

- PET bottle Sorting and Compacting Facility
- Facility for Draining Expired Beverage Bottle

Features & Advantages

Drum Shaft Knives

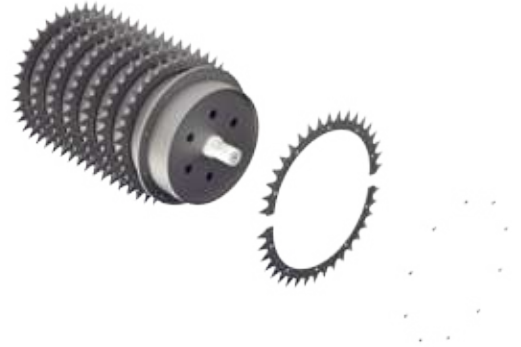
– High Efficient Cutting and Big Capacity

- Ideal combination of Cutting Knives and Holding Knives
- No jamming and clogging problems
- Strong knives from wear resistant steel



Replaceable Knives – Low Maintenance Cost and Easy Maintenance

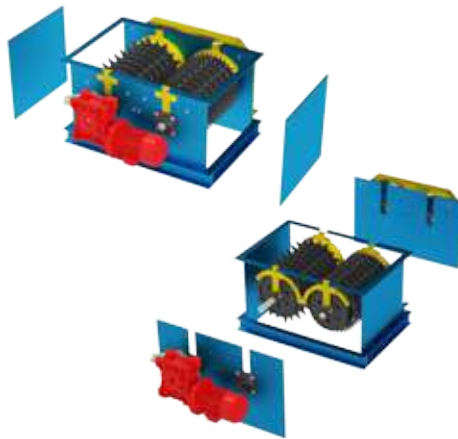
- Easy to replace the damaged knife
- Replaceable knives



Inspection and Maintenance Hatches

– Easy Maintenance

- Inspection and Maintenance Hatches located on both sides
- Easy Access for Maintenance and Unclogging



Proximity Sensor – Safety

- Small Proximity Sensor mounted on the machine body
- Emergency Stop activated by proximity sensor for safety



Technical Data

	ACI-PM-N8	ACI-PM-N14
Capacity	0.5ton/hr	0.9ton/hr
Power Consumption	2.2kW	3.0kW
Power Supply	380-400V, 50/60Hz	
Dimension (W x L x H)	1,100 x 1,200 x 1,000mm	1,500 x 1,200 x 1,000mm

* Standard Density: 0.06ton/m³

* Depending on properties and bulk densities of input materials, the abovementioned capacity may vary
* The specifications can be modified for the quality improvement