
Plastic to Oil Machine

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1. What is Plastic to Oil Machine

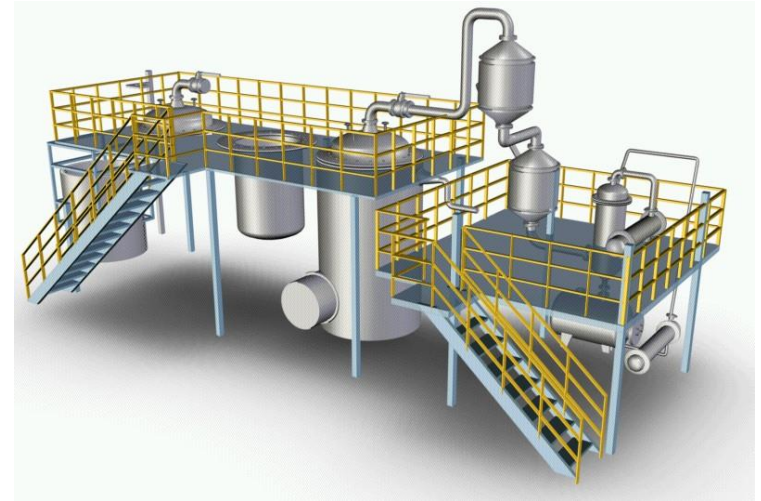
- Plastic to oil machine is the machine which pyrolysis (About MAX500°C) plastic to gasify and cool the gas to recover fuel oil. Organic waste will reduce the volume and remain as carbon and ash.

[PYROLYSIS]

Wastes Plastic + Heat → Gas+Oil+Solid (Carbon+Ash)

2. Characteristics

- Adopting the batch processing system, the machine can be utilized for multiple purposes.
- Applicable to the treatment of the chlorine-based and halogen-based hazardous substances.
- Because it is a low fuel consumption equipment and the produced liquid fuel can be used as a heat source, it is possible to effectively reduce the running cost.
- Adopting the two-step gas cooling system, light oil and heavy oil can be recovered separately.
- By adopting emergency stop system, forced cooling system, and off-gas burning system, high level of safety has been achieved.



3. Example: Treating shoes soles(Estimate)

Item		Estimate oil recovery rate
Shoes Soles	Gum Rubber Soles	45%
	Black Rubber Soles	35%
	Sports Shoes Soles	25-33%



Shoes Soles Waste

