



「BP-2000N/5000N main specification」

Standard Equipment composition	Thermal decomposition tank (3sets) Heating tank (1set) Catalyst tank (2sets) Syngas cooler (1set) Circulation oil tank (1set) Cycle stock cooler (1set) Overhead cooler (1set) Operator control panel Mount	
Effective capacity (ℓ /batch)	2000N:2,000 ℓ	5000N:5,000 ℓ
Processing time (h/batch)	2000N:5h	5000N: 5 h
Power consumption (kw/h)	2000N:15kw	5000N:25kw

※Please ask about details and other models.
 ※A pretreatment system becomes another estimate.

Business line

- Manufacturing and selling of Plastic to Oil machine
- Manufacturing and selling of waste oil property modification machine
- Manufacturing and selling of waste cooking oil property modification machine
- Manufacturing and selling of agricultural use waste vinyl film recycling machine
- Manufacturing and selling of Hydrothermal Treatment machine
- Manufacturing and selling of unused-resources recycling machine

※Details may change without prior notice

Development and Manufacturer

 SHINKO TECNOS CO.,LTD.

Head office 〒491-0043

1-1-20 masumida Ichinomiya Aichi
[TEL] +81-586-28-9461 [FAX] +81-586-24-4502

URL <http://www.shinko-mfg.co.jp>
E-mail info@shinko-mfg.co.jp

SE1001

CATALOG

CATALOG

NEXT GENERATION SYSTEM

Realization of Appropriate Treatment and Recycling of Plastic

Plastic to Oil machine

BP-100N~5000N



 SHINKO TECNOS CO.,LTD.

Environment Friendly - To Realization of Cycloid Type society

Plastic to Oil machine BP-100N~5000N which realizes appropriate treatment and recycling of a plastic

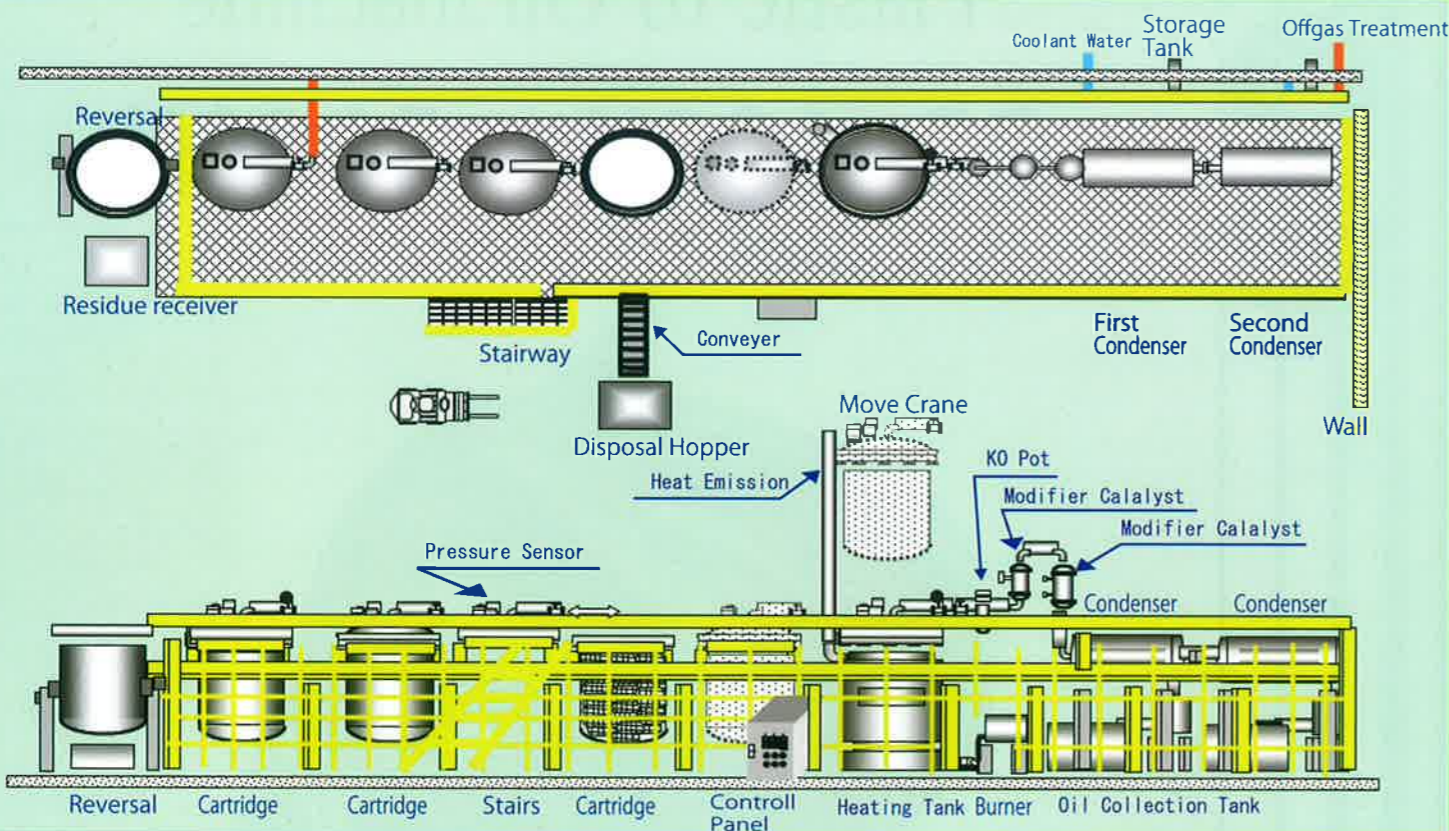
Outline of BP-100N~5000N

This equipment is developed for the purpose of obtaining the suitable use reclaimed oil from plastic.

【Reclaimed oil production process】

- (1) Put plastic into the heating tank.
- (2) To do thermal decomposition within the heating tank and gasify.
- (3) Put thermal decomposition gas into reforming catalyst tank and use a catalyst to reform gas.
- (4) Use a condenser to collect oil from reformed gas.

Flow of Recycling Plant



☆In order to use for multiple purpose

In order to use plastic to oil machine for multiple purpose, an actual proof experiment is conducted with a test prototype. At the moment, our customers are using plastic to oil machine for treating “E-waste” “Waste tire” “Waste toner” “Hospital waste” etc. Moreover, we can suggest from pre-treatment of object material to the processing of a residual substance thing.

Regarding dechlorination
We receive the order of the dechlorination machine to process vinyl chloride series material.

Merit of BP100N~5000N

- 1 It is material recycling type machine.
- 2 Since it is the batch method, it can use not only for plastic but also for multiple purpose.
- 3 Because of anoxia treatment, we can suppress generating of chlorine-based toxic substances and other halogen-based toxic substance.
- 4 By use of a catalyst, tar is formed into a low molecule and can collect high quality oil.
- 5 It is the machine which achieved energy saving.
- 6 It is the machine which achieved high safety.
- 7 It is the machine with the permission tracking record of regulations.

Introduction Example

