

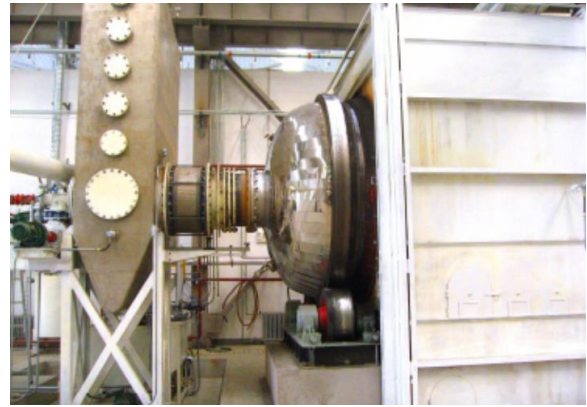
Scrap Tire to Fuel

Zero Pollution Conversion Technology

✓ Scrap Tire Conversion

In addition to the plastic-to-oil conversion system, PARC has also developed the system that can continuously convert scrap tires into high quality fuel with daily capacity of 50 tons. Below is the summary of the facts of tire conversion system:

- One single unit processes 50 tons of scrap tires and rubber per day, totaling 18,000 tons annually.
- 35 – 40% of output is mixed fuel oil with caloric value of 9,500 – 10,500 kcal/kg (17,000 – 19,000 Btu/lb.). Mixed fuel oil can be used in industrial boilers or as a chemical raw material for production of benzene, toluene and xylene. Mixed fuel oil can also be further refined.
- 35 – 40% is carbon black ash.
- 10 -15% is scrap steel wire.
- 6 – 7% is combustible gas which is rerouted back to the furnace as heat.



FILTER



CONDENSER

✓ Existing Facilities

Currently, we have three operational plants in China. The maximum processing capacity that our plant has is 60 tons of plastic per day (using two reactors). If the clients wish to increase the capacity, we can achieve larger capacity by adding more reactors to the system.



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CORP.**

Add: 7886 S Quincy St.
Willowbrook, IL 60527, U.S
Tel: 1-630-655-6976
Fax: 1-630-654-0530
Email: info@plastic2x.com
www.plastic2x.com