

GAS STORAGE BALLOON SYSTEM



It fulfills pollution norms by decreasing hydrocarbon gas release in the environment & reusing it in the plant again hence making process more economic & eco-friendly.

DESCRIPTION :

- The balloon material is made with special fabric that can handle minor temperature & thermal shock.
- It is equipped with heat exchanger to avoid any risk of thermal shock.
- Robust
- Feed stock : 8MT/batch pyrolysis gas
- Pyrolysis gas output : 200-300 m³/batch
- System is equipped with overpressure-Under pressure control device, gas flow monitoring system, heat exchanger for better safety and performance



BENEFITS :

- The gas is a perfect replacement of fire wood which is used for initial heating of reactor for pyrolysis
- No smoke, ash or dust is generated while burning which helps to keep the site neat and clean.
- By storage of gas it helps to keep the plant more environmental friendly.
- Gas utilization is cost effective as the cost of fire wood is saved by using gas.
- Gas storage is at atmospheric pressure so no need for obtaining gas storage license
- 100% safe plant for complete process
- Automatic pressure release system for ease of operating
- Can be easily connected with gas electricity generator

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