

TRILLION GASIFIER

NEW TG 180 FEATURES & BENEFITS



Our newly improved State-of-the-art Trillion Gasifier model TG 180 is packed with lots of new features and benefits. It is designed to make it even easier to operate and control. The gasifier is enhanced with a new filtration system and has added safety features to enable the operator to monitor and ensure that no tar will enter the engine. The new design has also incorporated a set mounted control panel with warning alarm so that the operator can use it to monitor and ensure that at all times, the gasifier is operating at its optimal condition. The end result is an improved fuel saving and an engine emission that is definitely cleaner and more environmentally friendly. So let's do our part to save our planet!

- Ready to run package; All water & gas piping within the gasifier are supplied & pre-connected.
- Steel piping for all gas piping (for improved fitting & alignment)
- Powder coating for majority of the steel components
- With cooling water bypass valve for controlling the reactor temperature
- Sight glasses to assist operator in controlling the combustion zone
- Safety sight tube for early detection of tar in the gas
- Differential pressure indicator for easy control & monitoring of filter condition
- Reactor casted with high grade refractory
- De-ashing system fixed with high quality SKF bearings & chain gears for smooth operation
- Ladder steps with anti-slip aluminium cladding
- Strong angle bar support frame
- New particle filter with 50 micron filter element
- Gasifier control panel with high quality controllers, sensors, warning alarm & safety shutdown of gas.
- With options for auto charging & discharging systems

Picture shown above is with optional auto charging & discharging system



Set Mounted Digital Control Panel Consisting of:

- Cooling water temperature controller
- Gas temperature controller
- Safety shutdown of gas for high cooling water and high gas temperature.
- Common alarm & indicators for
 - High cooling water temperature
 - High gas temperature
 - Excessive pressure drop across the tar filter

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The ultimate solution to your high energy cost



Sight glasses to assist operator in the controlling of the combustion zone



Reactor casted with high grade refractory to withstand high reactor temperature



Differential pressure indicator for easy control & monitoring of filter condition



Powder coating for majority of the steel components



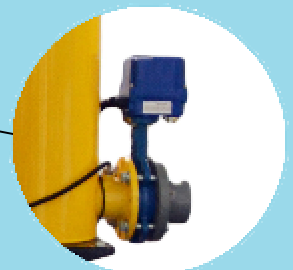
Ladder steps with anti-slip aluminium cladding



De-ashing system using high quality SKF bearings & chain gears for smooth operation



Safety sight tube to enable early detection of tar in the gas



Safety solenoid valve for safety shutdown of gas in case of high cooling water or high gas temperature



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