

TRILLION GASIFIER



NEW TG 30-1 FEATURES & BENEFITS



Our newly improved State-of-the-art Trillion Gasifier model TG 30-1 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 cooling and 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
- Incorporating a new reactor discharge design for ease of removal of char & ash from the ash pit
- Safety sight tube for early detection of tar in the gas
- Differential pressure indicator for easy control & monitoring of filter condition
- Reactor with casted with high grade refractory
- De-ashing system fixed with high quality SKF bearings 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



New Set Mounted Control Panel Consisting of:

- *Cooling water temperature gauge*
- *Gas temperature gauge*
- *Common alarm & indicators for*
 - *High cooling water temperature*
 - *High gas temperature*
 - *Excessive pressure drop across the tar filter*



TRILLION GASIFIER



The ultimate solution to your high energy cost



Powder coating for majority of the steel components



De-ashing handle fixed with high quality SKF bearings for smooth deashing



Cooling water bypass valve for controlling the reactor



Reactor casted with high grade refractory to withstand high reactor temperature



Gas filter with 50 micron filter element



Gasifier control panel with audio & visual warning alarm



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



Differential pressure indicator for easy control & monitoring of filter condition



Ladder steps with anti-slip aluminium cladding

Trillion International Pte. Ltd. 45 Mariam Way Singapore 508564

Mobile: +65 96332990 Tel: +65 65423315 Fax: +65 65462848

Email: sales@trilliongasifier.com Website: www.trilliongasifier.com

In line with our policy of continuous product development, we reserved the rights to change our design and specifications without prior notice.

TG30-1/F&B/1112