Nov. VIETNAM BIOMASS (WOOD CHIP) GASIFICATION POWER PLANT The on-site inspection of the Vietnam project has been successfully completed, and the





Gasifier Model	WUFBG2400-5200
Gasifier Type	Updraft Fixed Bed Gasifier
Gas Purification System Type	Dry Type
Biomass Moisture Requirements	MAX 55%(WB)
Biomass Size Requirements	Diameter: 20mm-80mm Length: 20mm-80mm
Rated Thermal Output after Purification (Kcal/hr)	1,200,000-12,000,000
Rated Gas Flow(Nm³/hr)	1,000-10,000 Per Module
Average Gas Calorific Value(Kcal/Nm³)	1200-1800
Cold Gas Mode Efficiency (After Purification)	≥70-75%

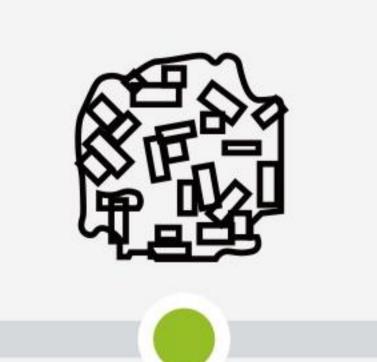
Factory Address: No.26 Jingrui Rd, Xibei Town, Xishan District, Wuxi, Jiangsu, China. Company Address: 6th floor, Chuangrong Building Block C, Danshan Road, Anzhen Street, Xishan District, Wuxi, Jiangsu, China.



BIOMASS GASIFICATION SYSTEM (Updraft Fixed Bed Gasifier)



High Power Generation Efficiency







Based on the concept of Combined Heat and Power (CHP), the system efficiently converts the energy of biomass into both electricity and heat.

Wuxi Powermax Renewable Energy Technology Co.,Ltd. | Wuxi Teneng Power Machinery Co., Ltd. +86 510 68229610 | sales@powermaxgasifiers.com | www.powermaxgasifiers.com

BIOMASS GASIFICATION BOILER SOLUTION

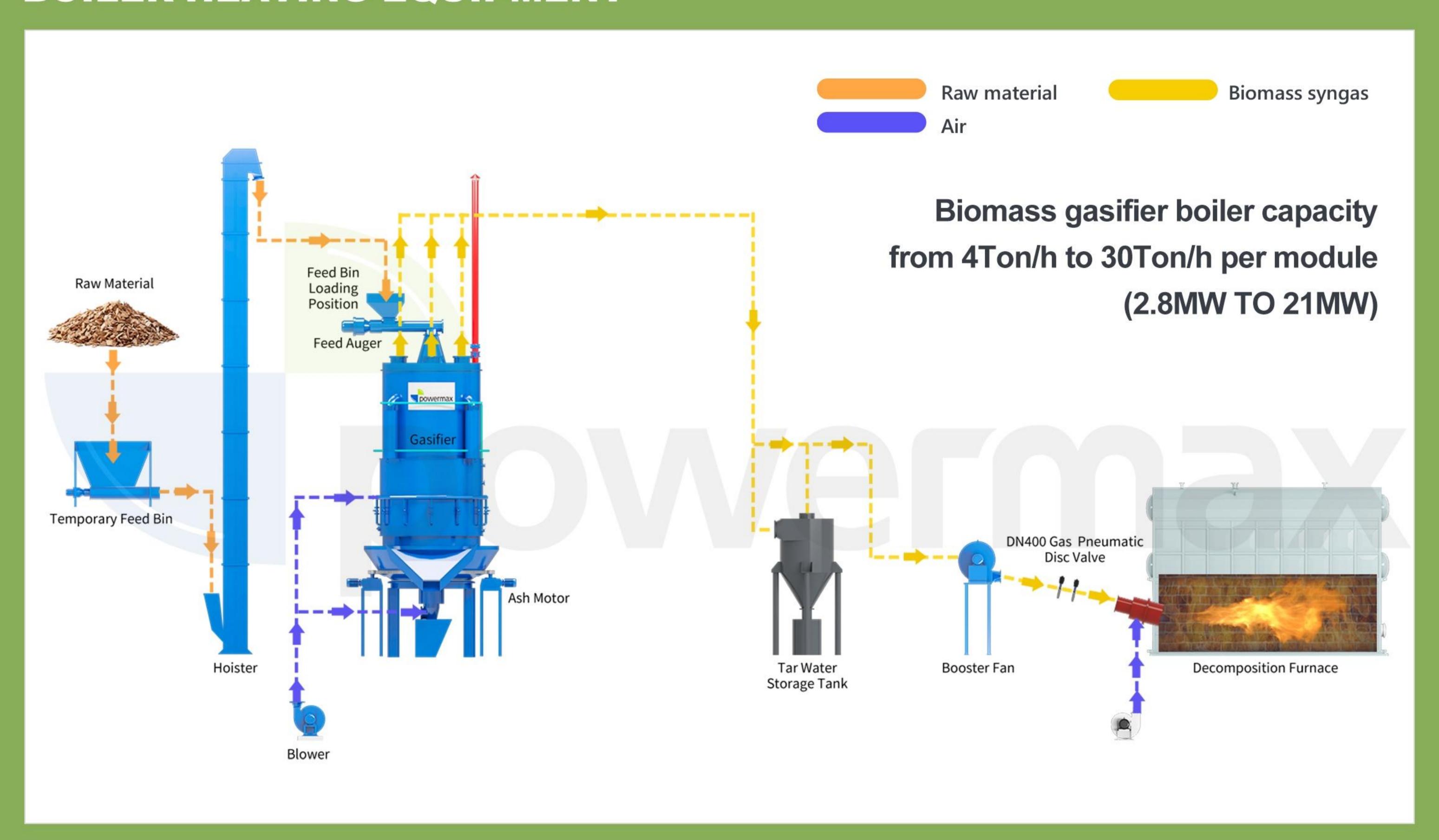
POWERMAX-UFBG(Updraft Fixed Bed Gasifier)

Design to use wet biomass(Moisture content max 55%) such as waste wood, bark, EFB and etc.



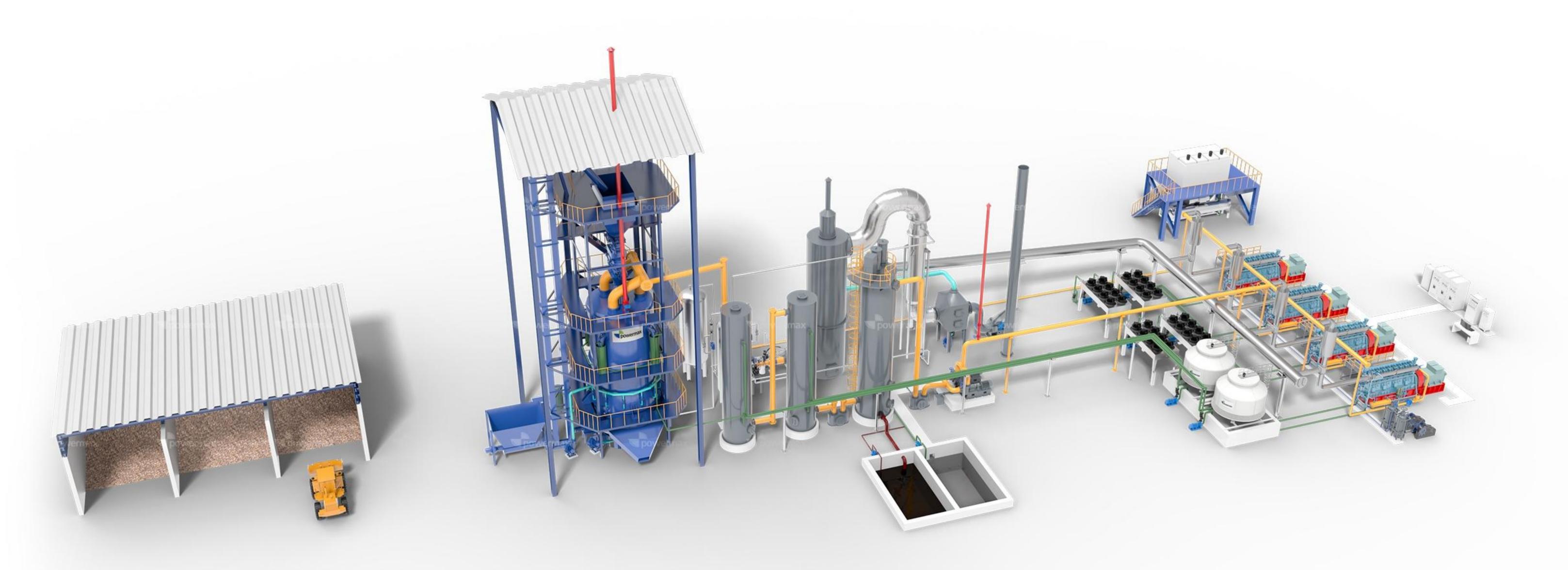


PROCESS OF POWERMAX BIOMASS (WOOD CHIP) GASIFICATION BOILER HEATING EQUIPMENT



BIOMASS GASIFICATION POWER GENERATION SOLUTION (MOISTURE CONTENT \(\leq 55\)

- All types of biomass can be utilized, including those with high moisture content.
- Optimal use of CHP reduces overall energy costs.
- Biochar produced during the gasification process serves as a by-product, generating additional profit.
- Independently developed power generation equipment is widely applied in the clean energy sector.



PROCESS OF POWERMAX BIOMASS GASIFICATION POWER GENERA-TION EQUIPMENT

