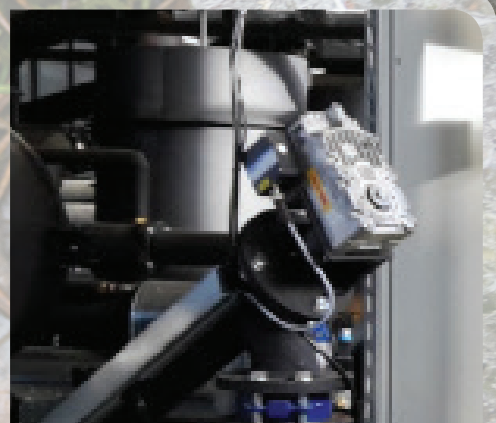


# GREEN ENERGY SYSTEMS



## BIOMASS CHP PLANTS



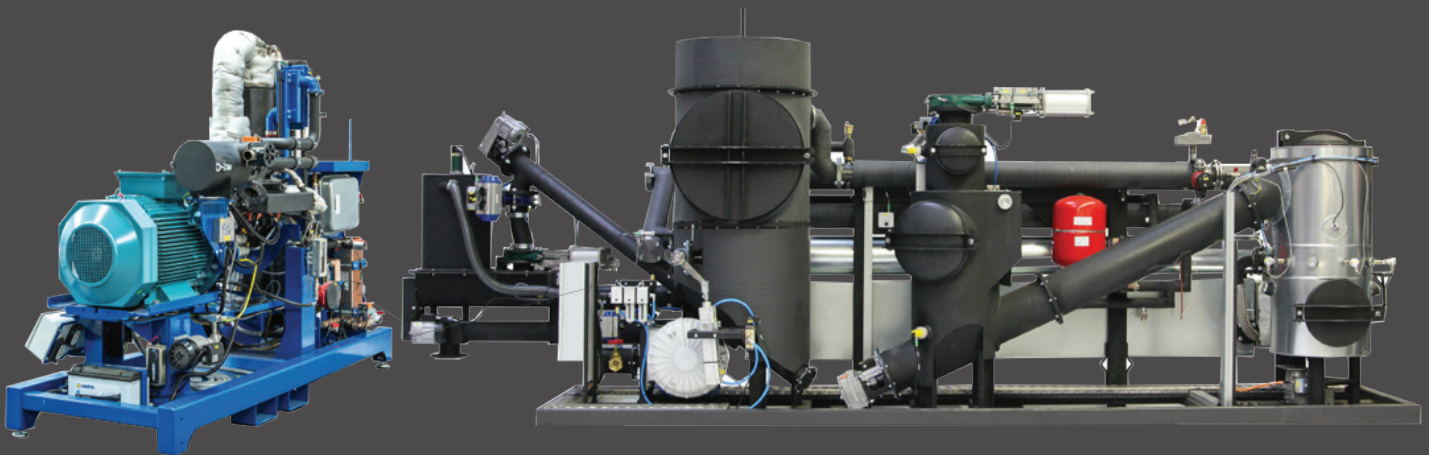
# GREEN ENERGY SYSTEMS Biomass CHP Plants

Today Green Energy Systems is proud with the largest experience in wood gasification in Baltic States, cogeneration station design, development of engineering solutions, equipment production, piping installation, montage and maintenance.

Cogeneration is a combined heat and electricity production. The biomass is converted into gas, so the CHP can provide a stable, autonomous and from the weather independent energy and heat supply. Used As feedstock is biomass - wood processing and logging by products - wood chips and wood waste separated from C & D or MSW streams. Cogeneration stations are used in industry, public and private sectors, including municipalities, that way successfully solving heat supply questions.



## TECHNICAL DATA



MODEL	G45	G50	G70
ELECTRIC POWER	45 kWel	50 kWel	70 kWel
THERMAL POWER	103 kWth	110 kWth	123 kWth
FUEL	Size: G30 till G40 Water content: < 13 % Fine parts max. (< 4 mm) 30%		
FUEL CONSUMPTION*	0,9 KG/KWHEL	0,9 KG/KWHEL	0,9 KG/KWHEL
FLOW TEMPERATURE	85° C		85° C
RETURN TEMPERATURE	60° C		65° C

\* Fuel consumption addicted from the quality of the wood chips, which used.