



BOILERS AND PLANTS

1) Boilers	Capacity t/h	Steam pressure bar	Steam tempr. C	Fuel types
Fluidised Bed Boilers				
Circulating Fluidised Bed Boiler (CFB)	50 - 500	40 - 165	max. 565	reject, paper sludge, sludge, RDF, biogas, tyres, bituminous coal, lignite, bark, wood, wood waste, biogas, natural gas, fuel oil, multifuel
Bubbling Fluidised Bed Boiler (BFB)	40 - 250	40 - 145	max. 540	chicken litter, saw mill residue, wood dust, Reject, paper sludge, sludge, DDGS, biogas, bark, wood, wood waste, natural gas, fuel oil, multifuel
Copeland	up to 80	max. 130	max. 545	sludge, DWGS, syrup, DDGS
Industrial Boilers				
gas and oil fired	25 - 400	13 - 136	200 - 545	oil, gas
coal fired	75 - 400	13 - 136	200 - 545	bituminous coal
off-gas fired	100 - 600	40 - 165	max. 565	blast furnace, coke oven gas, fuel oil, natural gas
biomass fired	40 - 400	13 - 136	200 - 545	uncontaminated biomass (wood, bagasse, etc.)
HRSGs	GT: 4 - 300 MW	max. 130	max. 545	gas turbine exhaust
Conventional Boilers (Pulverised coal)	1200 - 1800	max. 280	max. 610	bituminous coal
Biomass Boilers (Waste-to-Energy)	40 - 150	13 - 100	200 - 510	sludge (bio, paper, fibre, deinking, sewage), bark, wood waste, tyres, rejects, RDF, biogas, wood, poultry litter
Liquor Recovery Boilers	30 - 300	45 - 120	275 - 520	sulfite liquor, sodium liquor, sludge, process waste gas, natural gas, fuel oil

2) Plants	Capabilities & Scope	Plant Size MweI	
Biomass and Fossil Fuels Plants	Full scope turnkey total plant, boiler island or energy lot. Design, supply, erection and commissioning of the plant, including boiler, Steam Turbine (3rd party) Balance of Plant (Mechanical and Electrical)	> 15 MWeI	Coal, Oil, Natural Gas, Bagasse, Wood, Bark and Wood Waste
Gas Turbine Based Plants	Full scope turnkey plant, HRSG island or energy lot. Design supply erection and commissioning of the plant including HRSG Gas Turbine (3rd party) Balance of Plant (Mechanical and Electrical). Steam tail add-ons.	> 15 MWeI	Oil and or natural gas