

BERTSCHenergy

Power plants
Process equipment

90
YEARS

TRADITION
QUALITY
KNOW-HOW
SINCE 1925

Biomass Thermal Power Plant Siat Braun

Reference Sheet

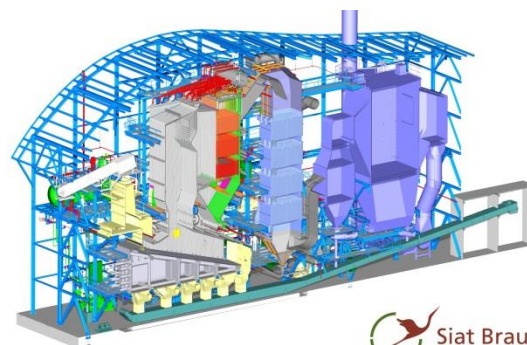


BERTSCH

TRADITION, QUALITY, KNOW-HOW. SINCE 1925

»Thermal power plant for natural biomass – Commissioning 4th quarter 2012«

The SIAT BRAUN sawmill expanded its site in Urmatt in 2012. Amongst other things, this expansion included a new timber yard, new facilities for pellet production and the construction of a new biomass thermal power plant. The generated 5 MWel are fed into the public supply grid. The pelleting is supplied with 15 MWth of waste heat from the cogeneration process.



TECHNICAL DATA

» Electrical power	5 MW
» Thermal power	23 MW
» Max. continuous rating (MCR)	25 t/h
» S.H. steam pressure	65 bar
» S.H. steam temperature	485 °C
» Fuel	wood and bark (W65)
» Environmental protection ruel acc. French LRV	

SCOPE OF SUPPLY

» Grate firing
» Steam boiler
» Flue gas treatment with stack
» Water treatment

