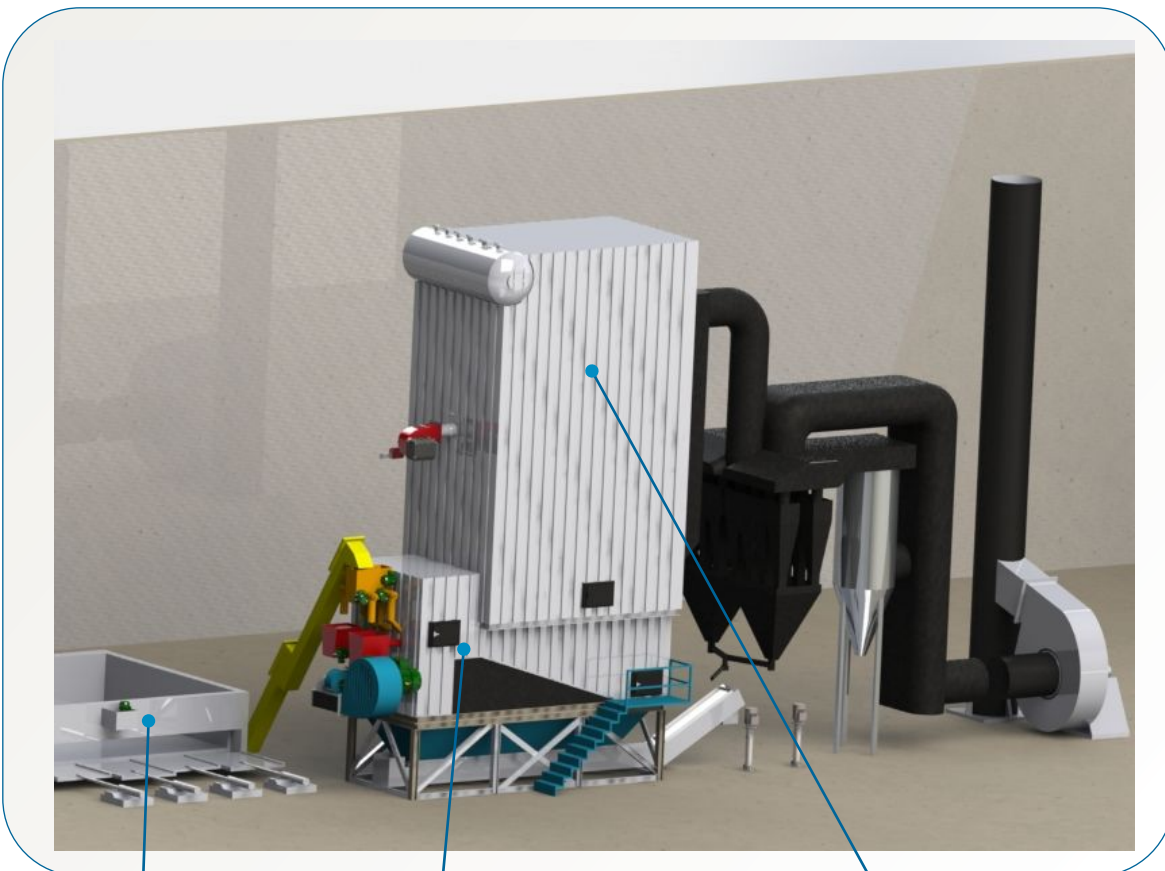


Biomass Boiler

APT 40 / 20



Biomass Silo characteristics:

-Type	Moving floor
-Number of bars	4
-Capacity	100m3

Boiler characteristics:

-Type	Water-tube FLUCAL APT 40/20
-Fluid	Saturated Steam
-Max. Steam temperature	250°C
-Max. Work Pressure:	40 Bar
-Test Pressure	75 Bar
-Max Steam Production	20.000Kg/h
-Max Power Output	15.000Kw
-Power input	400Kw
-Weight (empty)	70.000Kg
-Dimensions (h x w x l)	11.000 x 4.900 x 8.700 mm
-Ash blowing system	8 x Motorized steam blowers

Furnace characteristics:

-Type	Flucal Mobiltermo
-Grate Type	Mobile CrNi water cooled Grate
-Fuel consumption	5.600Kg/h
-Fuel Type	Biomass (Chicken Litter)
-Fuel Power (Typical)	2.508Kcal/Kg @ 29%H ₂ O
-Ash percentage	16%
-Weight (empty)	60.000Kg
-Dimensions (h x w x l)	6.300 x 3.900 x 8.700 mm