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BIOMASS BOILER FOR DRYER

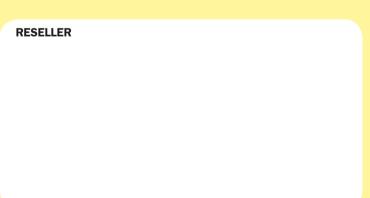


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BIOMASS BOILER FOR DRYER

STRAW



COBS



WOODCHIPS





1) Straw balls conveyor, 2) Cutting machine, 3) Conveyor, 4) Damper,

11) Inspection glass,

14) Multi-cyclone,

17) Foundation,

12) Smoke tube boiler,

13) Ash transport auger,

15) Combustion gas aspirator,

16) Combustion gases to the chimney,

- 5) Auger, 6) Primary air,
- 7) Secondary air, 8) Cleaning door,
- 18) Cleaning door, 19) Ladder, 9) Ashes container, 20) Steel chimney, 10) Water-cooled front door, 21) Finned coil.

OPERATION

















- 1) Auger feeder,
- 2) Air Jets for pipe cleaning,
- 3) Ash discharge auger,
- 4) Filter,
- 5) Liquid recirculation pumps,
- 6) Control clock,
- 7) Pipeline for liquid transport,
- 8) Touch-screen for control and system monitoring,
- 9) Chain for wooden chips or cobs,
- 10) Fire inspection spyhole.



