

PRE-PROCESSING CAPABILITIES

Purpose

Many co-products or wastes are in the form of a powder or sludge/paste that is difficult to handle or use in a recovery process. In order to remedy this situation, blending and agglomeration processes play an important role.

Technical data

The gases emitted can be directed to cooling panel to recover metallic element and the volatile gases can be processed in off-gas treatment system. Characterization of mass balance, velocity of reaction, application window (temperature, pressure, gas, time...). The system is designed to be adapted easily.



Ploughshare horizontal mixer (nominal capacity of 200 L)



Eirich intensive mixers (nominal capacities of 5, 40 and 400 L)



Pelletizing disks (diameter: 400, 1000, 1400 mm)

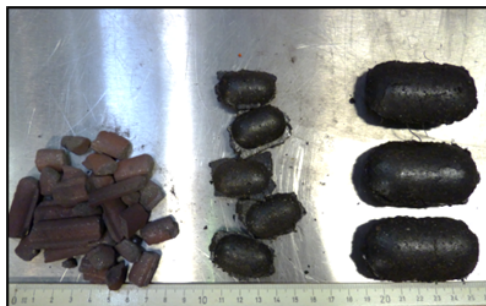
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Roll press

- Roll Separating Force = 311 kN (~35 tons)
- Max pressure on one briquette ~ 110 MPa
- With 3 types of rolls è 3 possible shapes for briquettes



Forming pressure max: 50 bar



Stiff Extrusion (i.e. vacuum applied)

