

Case: Demolition Wood Shredding and briquetting old pallets



1 Raw Material



This case shows a typical system for shredding and briquetting old pallets and other types of waste wood.

Old pallets stored in a tent to keep it dry in winter. The coloured pallets, a few are showing in this picture, will be sorted out.

2 Shredding



The raw material is being fed into the shredder.

3 Shredding



The raw material is being shredded and sorted.

4 Sorting



Shredded raw material is passing one of several magnet separators for sorting out nails. An adjustable gap between the transport belt and the vacuum inlet for the hammer mill secures that nails that have not been sorted out by the magnet separator will fall down and not be sucked into the hammer mill.

5 Hammer Mill



The raw material passes the hammer mill before going into the large storage silo.

6 Storage



A 400 m³ storage silo is containing shredded and milled raw material. In the bottom of the silo there is room for two briquetting presses, type BP5500, producing a total of approx. 2.5 tons of briquettes per hour. The presses can run unmanned around the clock with a silo this size.

7 Briquetting



A look at the two BP 5500 briquetting presses placed in bottom of the storage silo.

8 Briquettes



The briquettes are placed in a pile coming directly from the briquetting presses via the cooling lines.

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