



REFERENCE WOOD

BAETSEN, SON,
NIEDERLANDE

Vecoplan[®]

Waste wood processing plant

Capacity	200.000 tons per year
this corresponds to (at 250 working days each 16 hours)	50 tons / h

SCOPE OF SUPPLY

- two VAZ 2500 MFT with 200 kW drive
- miscellaneous belt conveyors with widths from 800, 1000 to 1200 mm
- two sorting belts
- drag chain conveyors
- loading conveyors
- big disc screen
- mass divider
- vibrating conveyor
- complete steel construction

BAETSEN Recycling Son

Ekkersrijt 9004, 5692 KA Son, Nederlande

VECOPLAN references in the field of waste timber recycling handle waste timber that is in its natural state for example from green waste tasks as well as wood from demolition tasks are wood separated from construction waste. The wood can be contaminated in different stages with harmful substances. This makes the handling difficult. The aim of a modern waste timber recycling plant is to keep the wood charges that are contaminated on several stages apart from each other in order to secure the environment compatibility of the recycling.

Most of the completed end product will be used in chip board production. For that reason, Baetsen has aid great importance to the quality of the completed product and has, therefore, incorporated a nonferrous parts separation and an additional extraction for light fraction into the plant concept.

A hand sorting is arranged in front of the reshredding. Tramp material like stones, textiles, etc. as well as especially scrap from chipboards will be out by hand sorted. Besides the reusable ferrous and non-ferrous fractions, a total of three main fractions will be manufactured. The largest fraction, approx. 80 %, manufactured for the chip board production. About 10 % of the material flow will be used as fuel with a grain of < 35 mm, while the remaining 10% is dust, < 5 mm.

At this plant, VECOPLAN is responsible for the complete planning, development of procedure together with the end customer, delivery of the complete machine technology (except for ferrous and non-ferrous separation elements), installation and commissioning. In particular, the support during the approval procedure for the plant and the co-operation with building companies were the key points in completing the order and managing this project.

Beside the machine technology VECOPLAN also delivered the complete electrics, which grant the fully automatic operation of the plant.

