



Snus- and chewing tobacco comminution using VAZ 1300 S

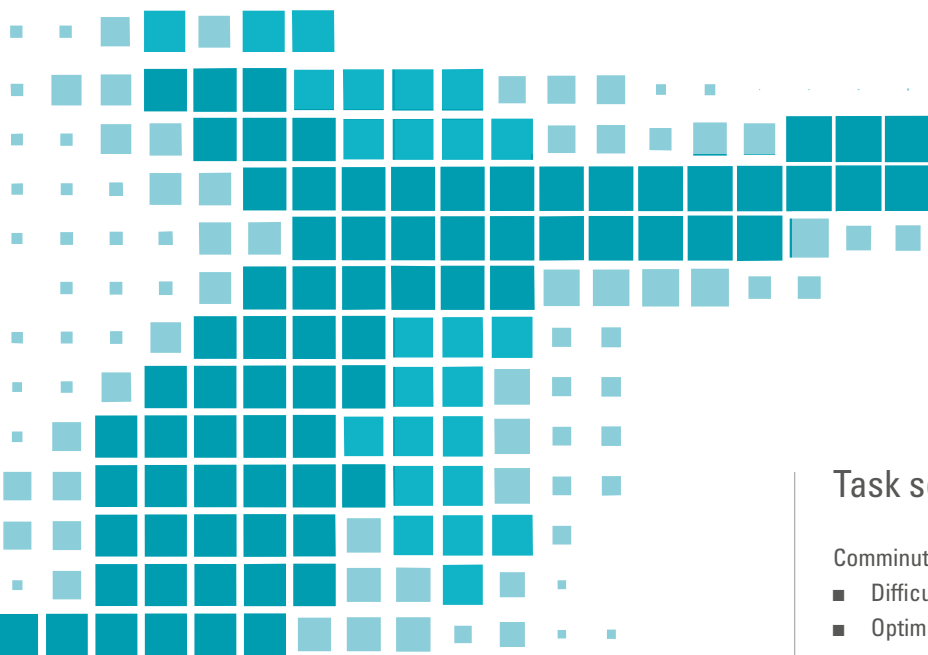
Skruf Snus is a manufacturer of high quality snus and chewing tobacco with production in Småland, in the southern forests of Sweden.



The problem

Skruf Snus was looking for a way to comminute returned snus and chewing tobacco material. This material consists in particular of returned items of expired tobacco from shops or defective production items.

A particular challenge is the consistency of the material which easily clogs the blade pockets, greatly reducing the throughput. In addition, the tobacco tins were also to be comminuted at the same time.



Task set by customer and challenges

Comminution of returned snus and chewing tobacco material.

- Difficult input material
- Optimal comminution process of consistent throughput capacity with special material consistency
- Economical/energy-saving comminution process
- Transport organisation

The assembly and commissioning procedures were conducted by our Swedish partner Mared.

- Consulting
- Production
- Delivery
- Assembly and commissioning

Vecoplan project scope

The Vecoplan project scope consisted of advising and consulting with the customer to develop the optimum concept. The concept was extensively tested.

Production and functional testing of the plant took place at Vecoplan in Bad Marienberg.

Our solution

Project process

Input material

- Snuff and chewing tobacco incl. the tins and packages
- 1000 kg / hour

Output material

- Comminuted tobacco material, ready for disposal

Special features of the Vecoplan solution

- Different types of blades and rotors were tested for the various types of tobacco. Depending on the tobacco, the optimum throughput can be achieved by changing the blades.
- Optimised gate valve geometry ensures a continuous process.



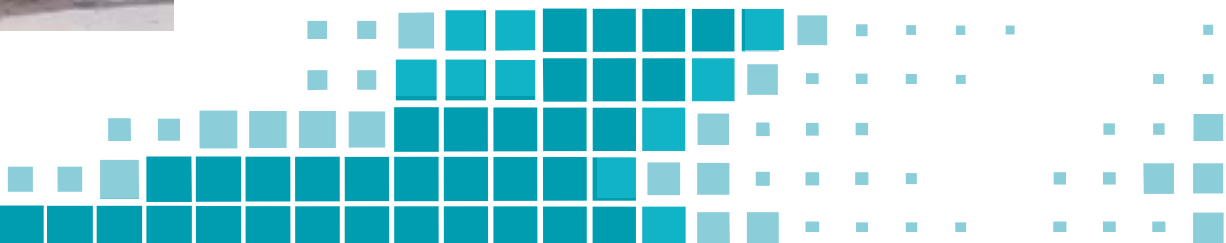


Vecoplan maschine used



VAZ 1300 S

- 55 kW
- 60 cutting crowns
- 370 mm rotor diameter
- 20 mm screen hole size



Customer Benefits

Vecoplan USP

- Service and support on-site from local partner
- Machine modified in line with customer requirements for optimum function



Good advice

Energy-efficient
comminution process

Comprehensive material and
machine testing

Many years of experience

Commissioning by specialist
Vecoplan personnel

Vecoplan®

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