

## Shelling of barley and wheat in the bioethanol process

- Saving of energy and raw material
- Optimisation of process
- Quality improvement & capacity increase of product



Due to the shelling an optimisation of grinding procedure takes place by elimination of the by products as husk or hulls.

# Shelling of barley and wheat in the bioethanol process

## The advantages of shelling barley and wheat in the bioethanol process

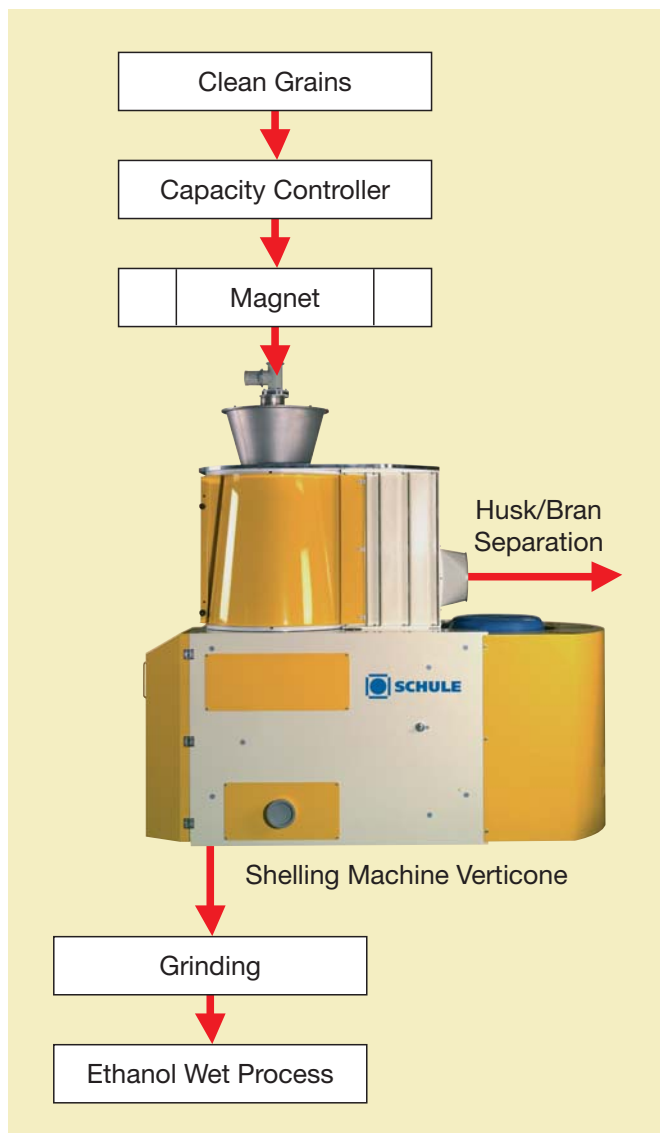
- Reduction of the water Consumption in the process
- Reduction of costs for drying and grinding
- Increase of starch content in the soaking process
- Increase of protein content
- Nutritional upgrading of the pulp
- Increase of the net-capacity
- Reduction of the total costs through defined shelling process and direct control of the shelling degree



Unshelled barley



Shelled barley



Pelleting plant