



Market environment.

Changing markets

- Increasing world population and urbanization
- Changing eating habits, that means: more convenient food
- Demand for health and safe food
- New grain supply chain





What is important to You?

- Make the best out of your raw material→ High yield
- Efficient plant operation→ Low Production cost
- Top technology and equipment
 - → High quality products
- High sanitation, plant engineering
 - → Food Safety





The 3 Pillars of a successful Milling Plant

- 1. Equipment
- 2. Technology
- 3. Engineering





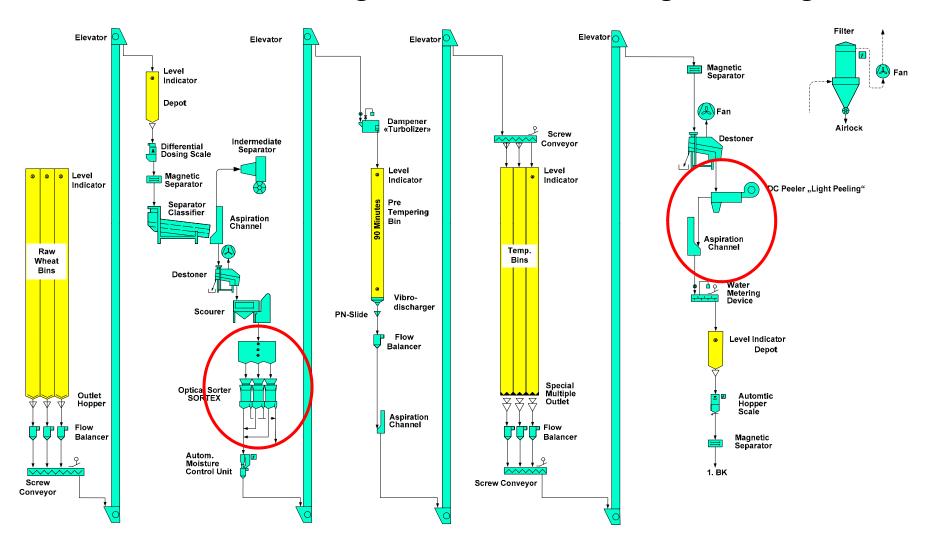
Quality starts with the raw material.

- Wheat is a natural product with variations
- Wheat contains impurities
- Wheat can be contaminated





Flow sheet with colour grader SORTEX and light Peeling



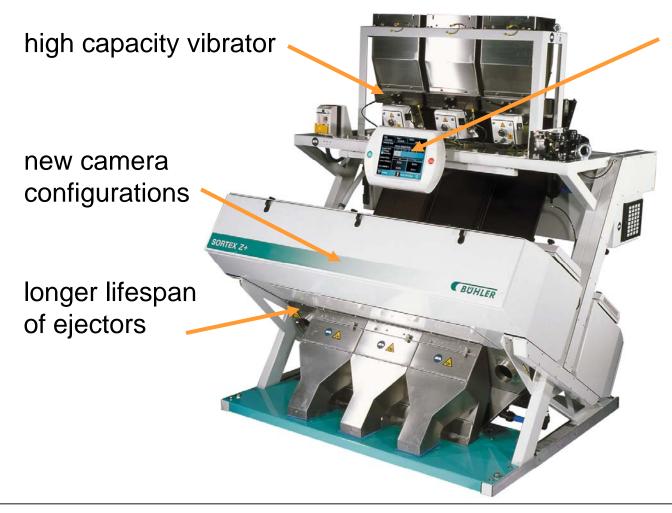


Wheat Cleaning with
Sortex Z+
Optical Colour
Sorter



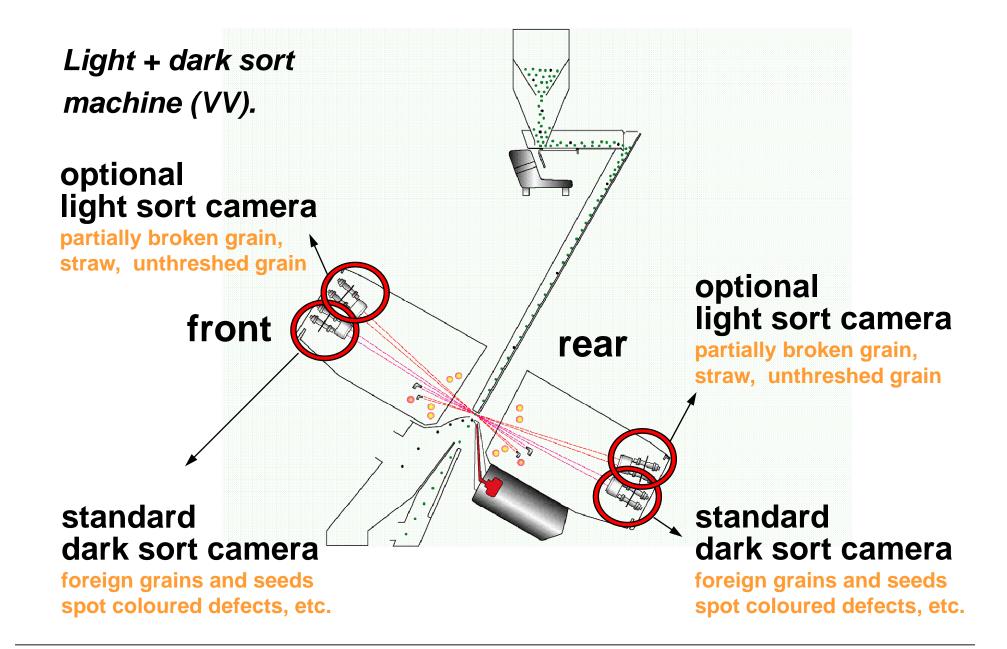


New features of 'Sortex Z+'.



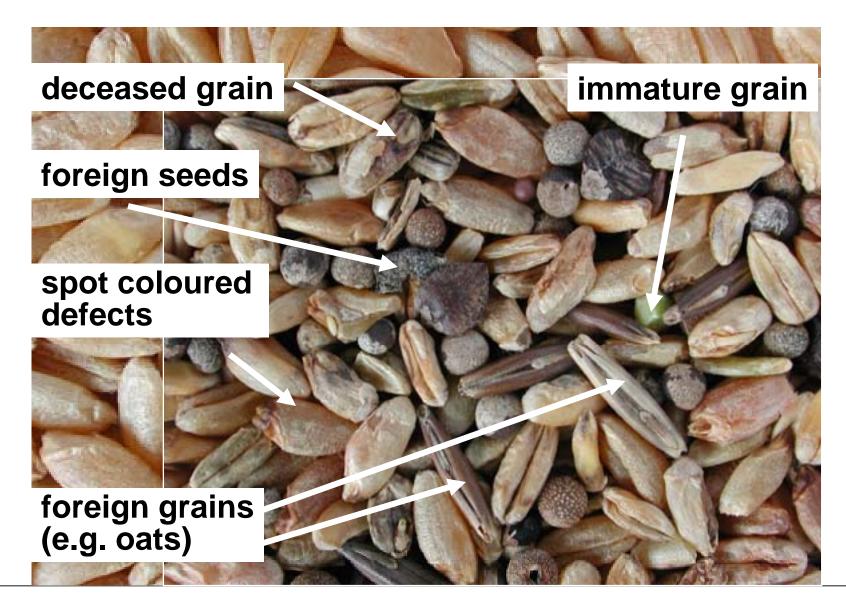
modified 21" colour user interface





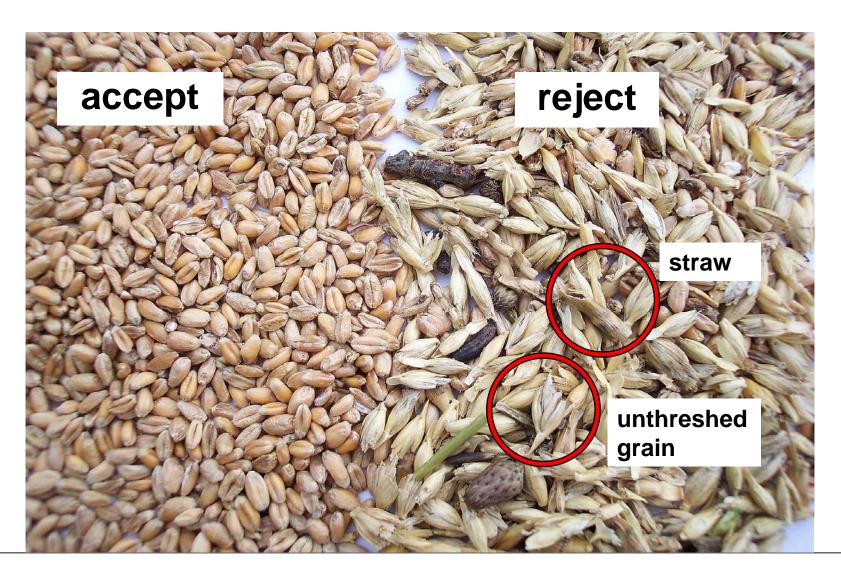


Dark sort defects.





Light sort defects.





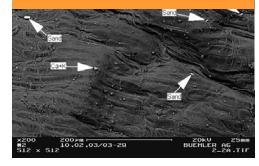
Light Peeling for intensive surface cleaning



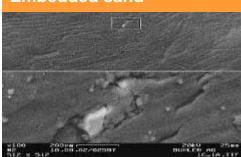


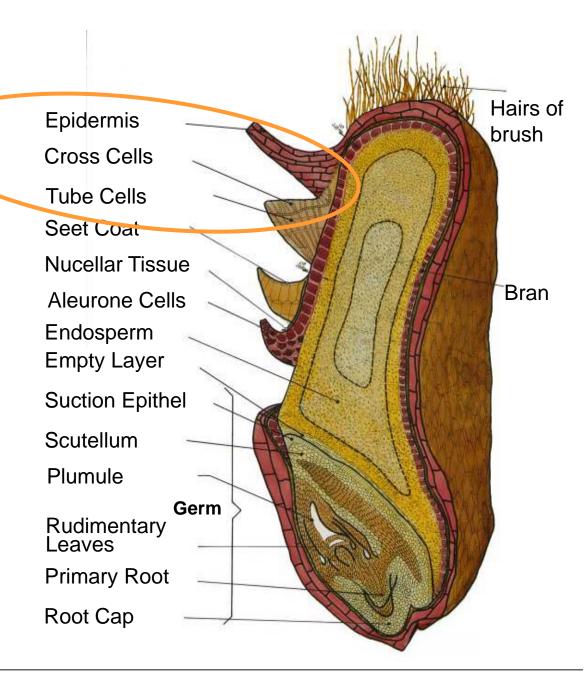
Wheat kernel.

1st BK hard wheat kernel surface



Embedded sand







Light Peeling process.

Peeling with DCPeeler by "friction"

before Light Peeling





after Light Peeling





Key Equipment in the milling Section

- 1. Sifter
- 2. Rollermill
- 3. Purifier





Plansifter MPAP

- Robust Construction
- High sifting Performance
- Low Maintenance Cost





Nova Sieve.

- Increased sieving surface by 20%
- Easy maintenance and cleaning







Roller mill MDDP/MDDQ.

- Reliability by rugged components
- Sturdy design, proven solutions
- User friendly, easy to operate





Roller mill MDDP/MDDQ.

- Maintenance friendly
- Panellling easy to open
- Swing out feed modul for easy cleaning





Purifier MQRF

- Proven solution
- Sturdy design
- Efficient semolina purification



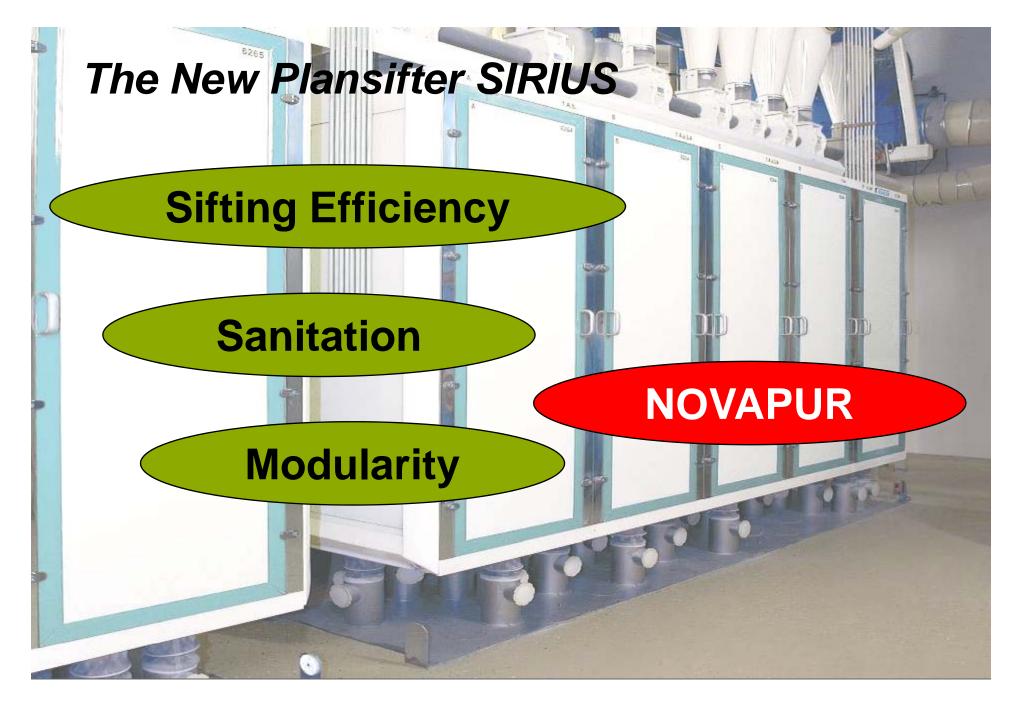


SIRIUS Plansifter New Sieve Generation

NOVAPUR









Sanitation.

- Stainless steel housing
 - **→** hygenic operation
- Insulated compartment
 - → no condensation
- Standard version with up to 8 outlets
 - → high number of fractions





NOVAPUR – The New Sieve Generation

PUR sieve frame with stainless steel insert frames

- No wood, no joints, no fasteners
 - → food safety
- Easy and quick cleaning
 - → less maintenance
- Sieve area: 0.404 m2 (4.34 ft2) per sieve
 - → high performance





NOVAPUR - The New Sieve Generation.

PUR sieve frame

- Resistant against abrasion
- Less residual product, due to the smooth profile





Roller Mill Antares MDDR/T





Antares – Eight-Roller Mill MDDT.





From the design concept



to reality



We strive to exceed your expectations in terms of:

- Reliability
 by rugged components
- Sanitation by easy cleaning
- Product safety
 by using stainless materials





Top Sanitation

Hygienic design for ultimate sanitation and easy maintenance

- Stainless steel combined with insulation
- Easy swing-up cover
- Swing-out feed module for residue-free discharge of the feed device





Precise and Powerful.

Constant grinding action

- Stable roll pack with self-contained forces
- Precise settings
- Pneumatic engagement and disengagement
- Automatic roll gap adjustment (optional and retrofit possible)





Solid.

Oil-free belt transmission Easy maintenance

- Heavy duty profiled timing belt
- Identical belt length for all passages
- Adjustable belt for different roll diameters

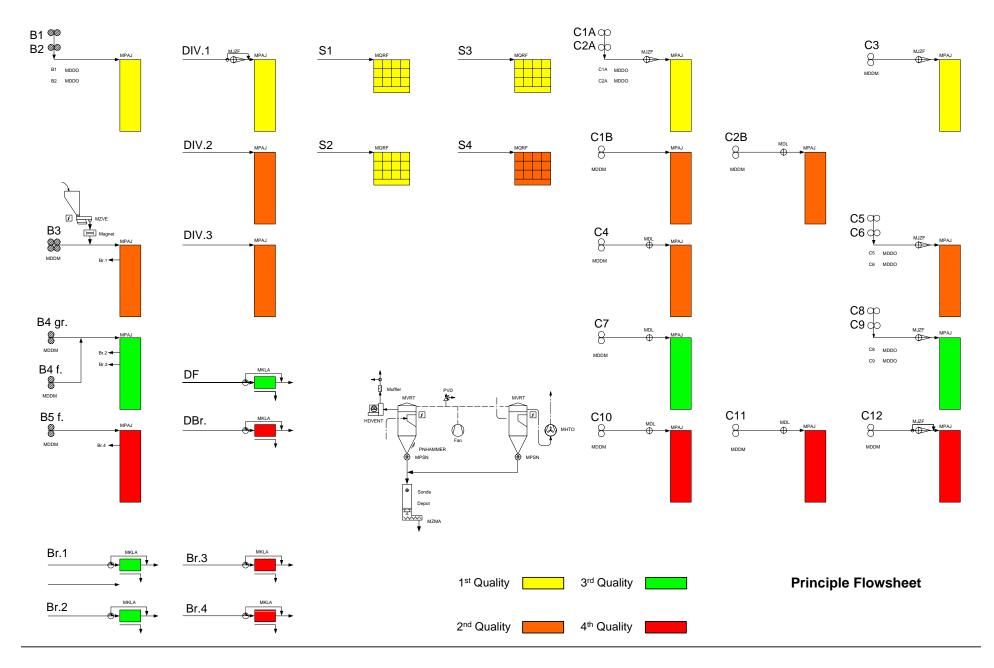




New Purifier Polaris - MQRG.









Finished Products Section





Flour silo with mixing plant.

- Batch Mixing
- Continuous Mixing





Batch mixing and continuous Blending for consistent Flour Quality

- Bread mixes
- Biscuits, cakes, muffins
- Enriched flours
- Taylor made flours

































