



## HAMMER MILL OR DISC MILL



SKIOLD MAKES THE DIFFERENCE!

## Hammer mill or Disc mill

SKIOLD has the best solution for your feed production

### **DM6 HAMMER MILL**

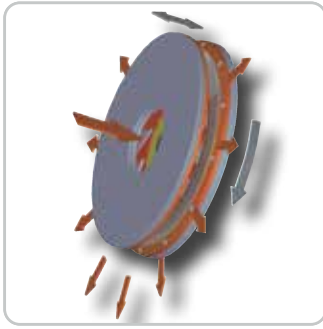
- Low heat development
- Simple construction
- Easy service
- Three grinding bridges for increased capacity
- Tripartite screen for increased flexibility
- Up to 22 kW
- Up to 6½ t/h

### **DISC MILL**

- Variable grinding degree
- Ability to grind 98% of the particles to a size smaller than 1 mm
- Low power consumption
- Wear parts with long durability
- Minimal dust development
- Farm models up to 90 kW
- Up to 18 t/h



**SKIOLD**GROUP



### Did you know?

*Grain heats 5-10° during the grinding process, regardless of grinding principle. This heating should be handled through sufficient ventilation of the grinding plant.*

## hammer mill or disc mill

*SKIOLD's disc mill was introduced and awarded at the Agromek exhibition in 2000. Since then, more than 3000 disc mills have been put into operation. The mill has been subject to continuous improvements, among others because requirements to grinding degree have changed over the years. Today the disc mills live up to most of the demands made to feed production by farmers.*



The hammer mill grinding principle is more than 75 years old – SKIOLD has been there all along!

The main principle using hammers and screens has not changed significantly during all these years. Over the years, SKIOLD has obtained great experience in grinding of common as well as special raw materials. Modern hammer mills do not use air for transportation of the raw materials, and this increases the capacity. No energy is used for transporting the raw materials to the mill, or from the mill to e.g. a silo.

### Hot and humid feed?

Grinding grain can generate a high degree of heat and subsequent problems with humid feed and condensation in e.g. mixer, conveying equipment and silos. The solution is efficient ventilation of the complete milling plant. When you invest in

a complete milling plant from SKIOLD, a solution for efficient ventilation of the plant is included as standard, often in the form of a professional self-cleaning jet filter. In a plant with a disc mill, the jet filter creates an air current through the plant. For plants with a hammer mill, the jet filter ensures ventilation of the system without heavy dust generation.

### Energy consumption

A test carried out with measuring equipment from Energi Nord (sales of electricity and energy consultancy), shows that the most efficient hammer mills on the Danish market only use 10% more energy than the disc mill. No types of mills can compare with the disc mill as regards power consumption and efficiency when comparable grinding tests are carried out using homogeneous raw materials and corresponding grinding degree.