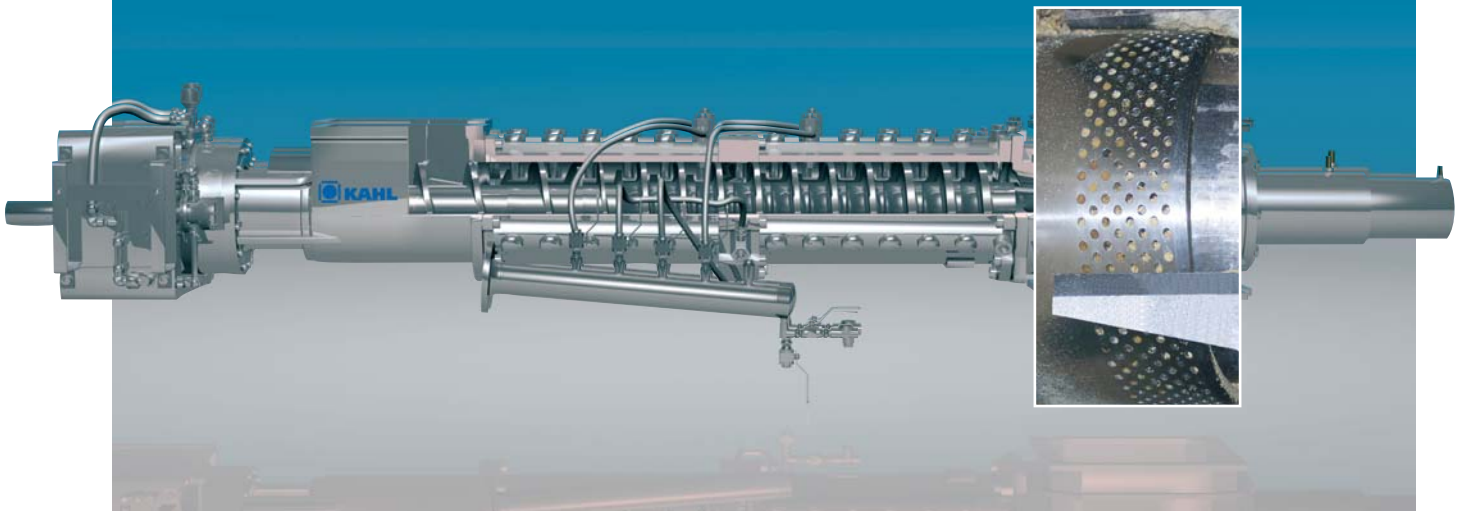


NEW: KAHL Crown Outlet for Pellet Production with the Expander

Upgrade your expander for a better quality and a higher flexibility

Just change the outlet head for pellet production



**New products can be manufactured.
New markets can be reached.**

Crown Expander OEK

- Two-in-one: Expanding and pelleting
- Expander process with additional shaping of the Expandat
- Easy processing and pelleting of feed mixtures that are usually difficult or even impossible to pellet
- Significant increase of the flexibility of the expander process (SME control with the hydraulically driven cone system)

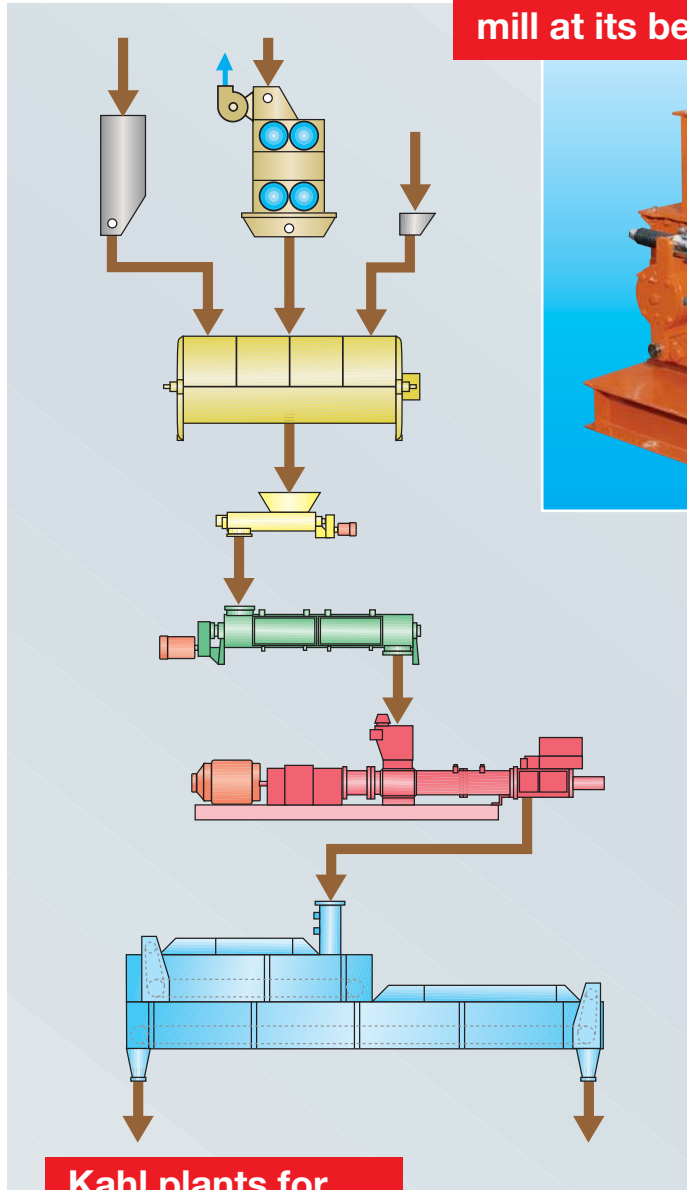


- Coarse particles remain coarse contrary to products being pelleted with pelleting presses

- Existing expanders can be upgraded to crown outlet machines and due to the easily interchangeable heads the classical expander head may remain if required
- Low power consumption
- High output
- Different pellet diameters
- For all species of animals

NEW: Economic Crushing of Feed Mixtures, Cereals, Legumes and Oilseeds

Crushing roller mill at its best



Kahl plants for innovative production lines

Compound feed line with crushing roller mill, mixing conditioner, expander with crown outlet, and hygienization section on top of the belt drier



Nutritional advantages of coarse grinding:

Cattle feed

- A coarse structure reduces the starch degradation in the rumen, the pH-value remains stable, optimum utilisation of the genetic performance

Pig feed

- No stomach diseases, high feed consumption, high fattening yields, drier manure

Poultry feed

- No feed selection, longer retention time in the intestine, drier manure, better housing environment, high meat quality, high egg yield

Advantages of the crushing roller mill

- Narrow particle size distribution
- Simple grinding gap adjustment
- About 50 % lower power consumption than hammer mills
- Reduced wear
- Quiet operation
- Simple roller change
- Capacity: up to 60 t/h