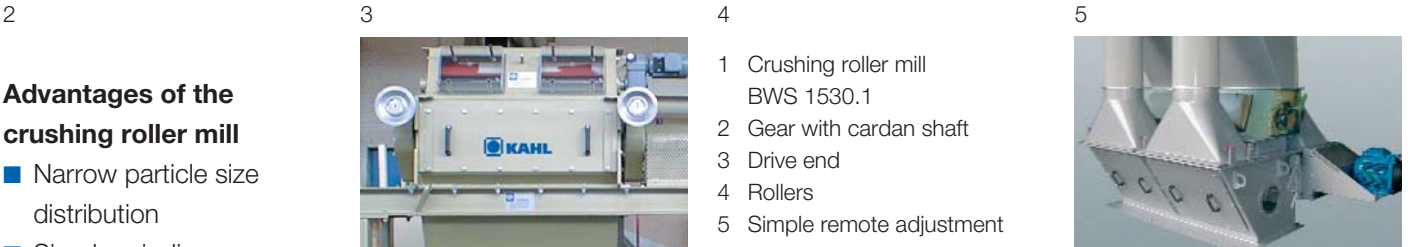
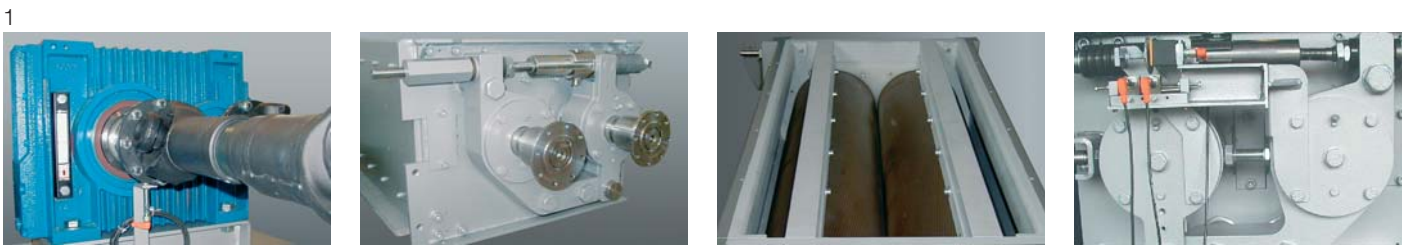
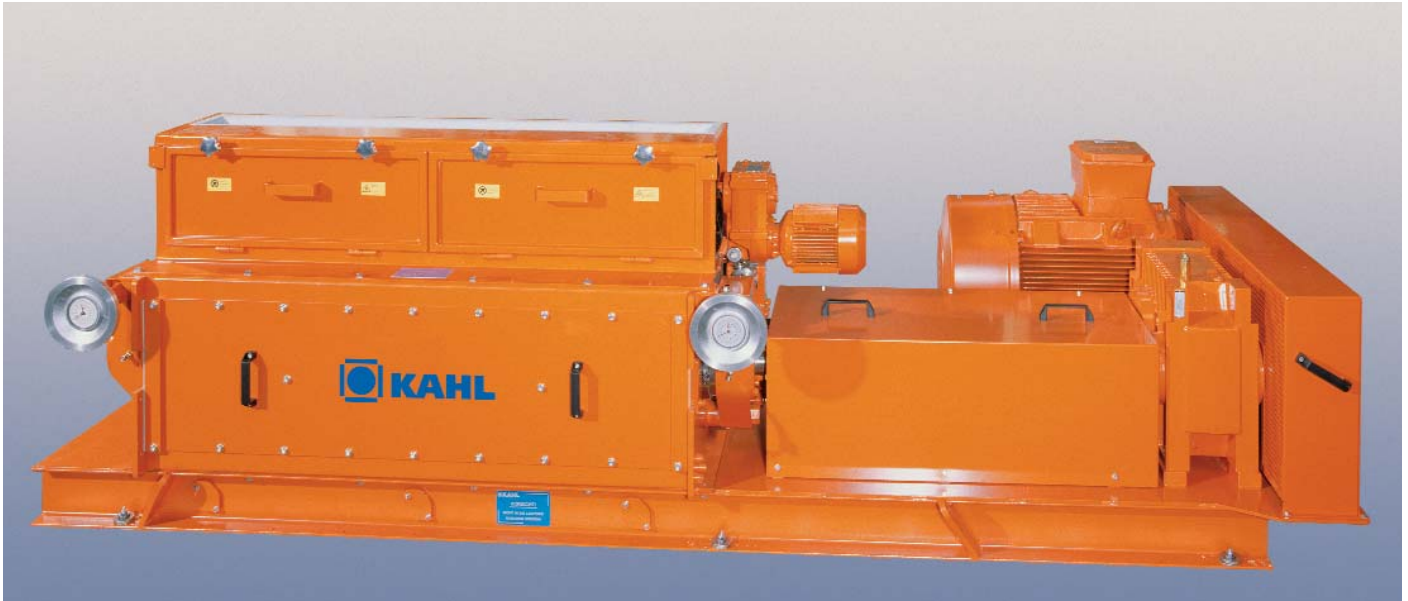


# For Economic Crushing of Cereals, Legumes, Oilseeds and Feed Mixtures



### Advantages of the crushing roller mill

- Narrow particle size distribution
- Simple grinding gap adjustment
- About 50 % lower power consumption than hammer mills
- Low wear
- Quiet operation
- Simple roller change



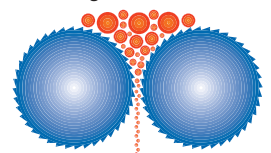
6

- 1 Crushing roller mill BWS 1530.1
- 2 Gear with cardan shaft
- 3 Drive end
- 4 Rollers
- 5 Simple remote adjustment of the grinding gap
- 6 Crushing roller mill with 2 sections
- 7 Magnetic heavy-particle separator

### Examples of products:

- Wheat
- Barley
- Oats
- Beans
- Peas
- Lupins
- Maize
- Soybeans
- Rape seed
- Feed mixtures
- Structurized feed for layers

### Crushing



The programme includes crumblers, crushing roller mills, and grinders for small, medium, and large production capacities.

# KAHL Crushing Roller Mill

## Supplementation to the grinding line by means of structural roller crushing

### Technical data:

- Capacity: 10 - 60 t/h
- Drive: 22 - 55 kW
- Controllable feed roller
- Rollers:
  - Length 1,000 mm  
Diameter: 250, 300 mm
  - Length 1,500 mm  
Diameter: 300, 400 mm
  - Material: special steel,  
chilled cast iron
- Simple adjustment of the grinding gap  
Optional: remote adjustment with  
non-contacting gap measurement
- Possibility of capacity increase due  
to modular design
- Permanent-magnet heavy-particle  
separator

### Drive:

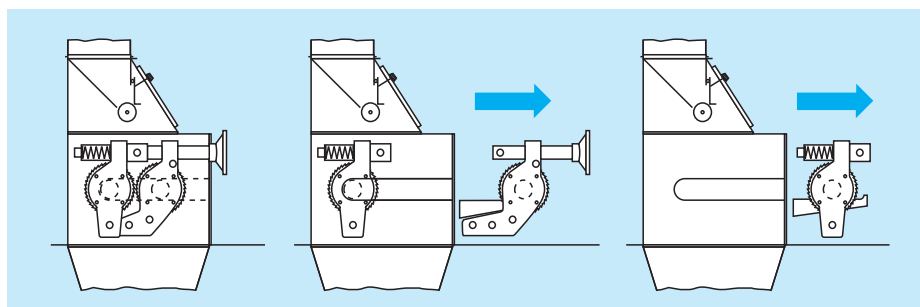
- Motor with V-belt drive and gear
- Robust, low-maintenance design
- Can easily be uncoupled for roller  
change
- Alignment not required due  
to the use of cardan shafts

### Types of construction:

- single-stage
- two-stage
- three-stage



Crushing roller mill  
BWS 1530.1



Simple roller change without removal of the drive elements

### Advantages for animal nutrition:

#### Pig feed:

- Less pathological changes in the gastric system
- Less diarrhoea and lower mortality rate
- Healthier pigs

#### Poultry feed:

- Improved development of the muscular stomach
- Drier manure, better housing environment
- Longer retention time in the intestine
- Better meat quality

#### Cattle feed:

- Slower starch degradation in the rumen
- Better bacterial digestion of the crude fibres
- More effective crude fibres in the rumen



### AMANDUS KAHL GmbH & Co. KG

Dieselstrasse 5-9

D-21465 Reinbek / Hamburg

Phone: +49 (0)40 727 71 - 0

Fax: +49 (0)40 727 71 - 100

info@amandus-kahl-group.de

[www.akahl.de](http://www.akahl.de)