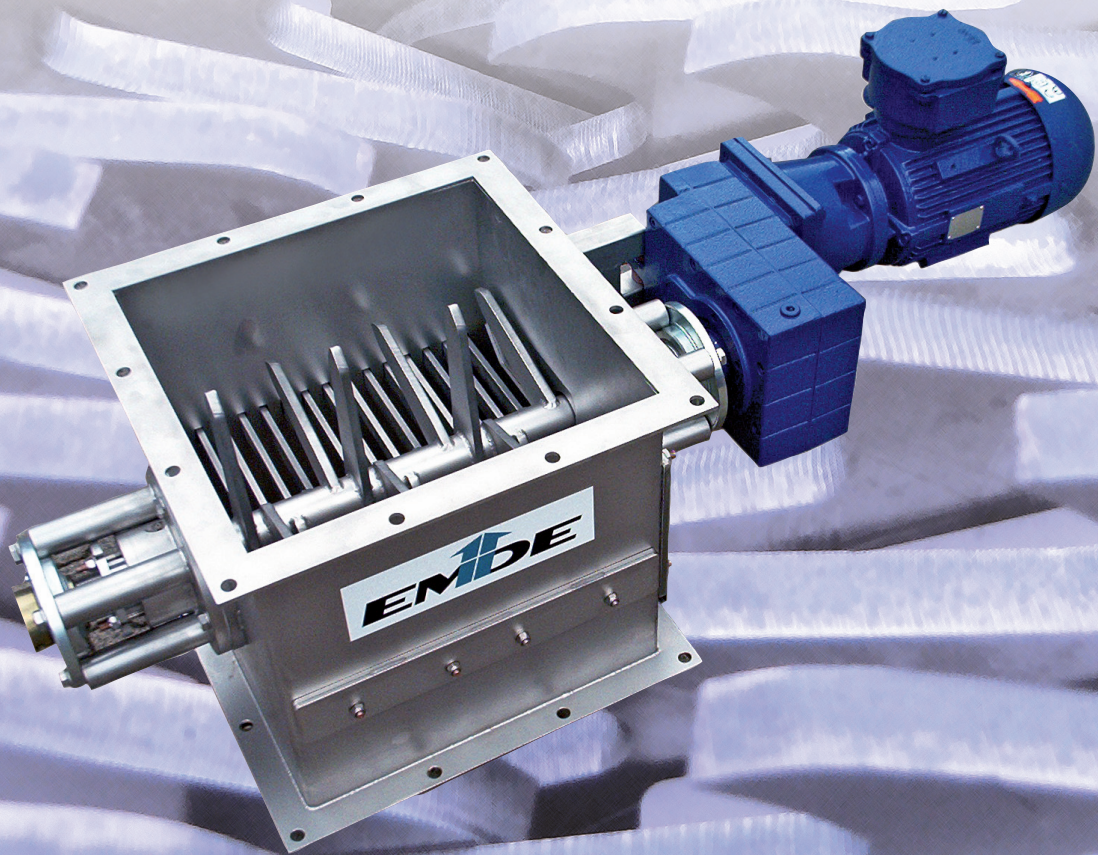


**EMDE**



***Caution - bites!***

Agglomerations, hard clumpings up to a mono bloc, hardened packaging contents - who does not know these?  
The EMDE clod buster successfully addresses this problem.

## No nut is too hard

Long-time experiences with different products from all industries are incorporated in the design. They are the basis for an innovative technology. Customer specific adaptations and many options guarantee an optimal use and a cost-effective operation.

- ▶ **Special sizes and designs for customer-specific solutions and very high crushing powers**
- ▶ **- protected designs in accordance with directive 94/9/EG for the dust and gas explosion area**
- ▶ **Sealing system of the crusher shafts customized for the individual case and the product consistency**

<b>Power:</b>	up to 80m <sup>3</sup> /h
<b>Number of shafts:</b>	1 or 2 several in parallel
<b>Final grain:</b>	approx. 8 - 15 mm, depending on disk division

<b>Design:</b>
Steel, paint coated
Stainless steel 1.4301 or 1.4571
Corrosion-proof and heat resistant materials
Food and pharmaceutical finish

## Pre-crushing with 1- shaft clod buster

### Application areas:

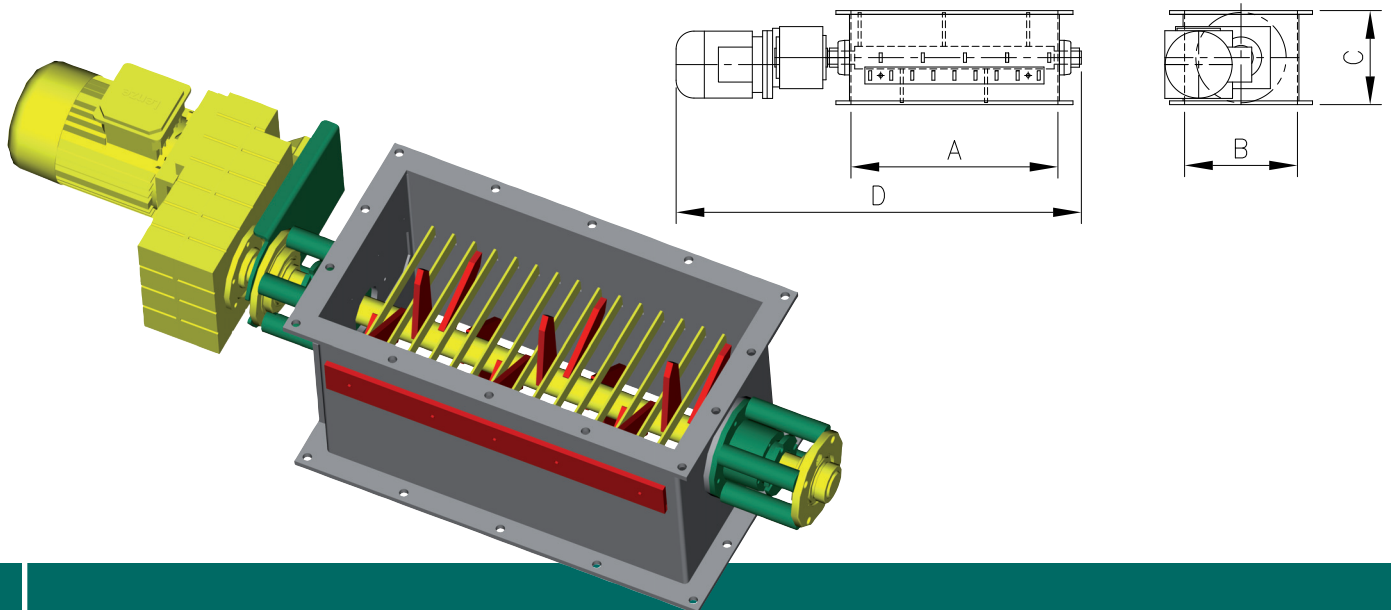
Crushing of filter cakes

Agglomerate destruction of product packings that are caused by longer storage and transport times

Gross pre-crushing after silo outlet

- ▶ **Bend-proof crusher shaft for highest requirements**
- ▶ **Strong crusher arms made of abrasion-proof material**
- ▶ **Easy integration in existing processing technology through crusher housing with two-sided flange connection**
- ▶ **Removable crusher bars with freely selectable bar distance**
- ▶ **Strongly dimensioned plug-in gear motor with torque support**
- ▶ **Shaft sealing with shaft sealings or adjustable packing glands**

Typ	A	B	C	D	P
				approx.	Motor output [ kW ]
KB3/200	200	300	350	875	1,1
KB3/400	400	300	350	1075	1,5
KB3/600	600	300	350	1275	1,5
KB4/400	400	400	400	1075	1,5
KB4/600	600	400	400	1180	1,5
KB4/800	800	400	400	1475	2,2



## Small but fine with 2- shaft clod buster

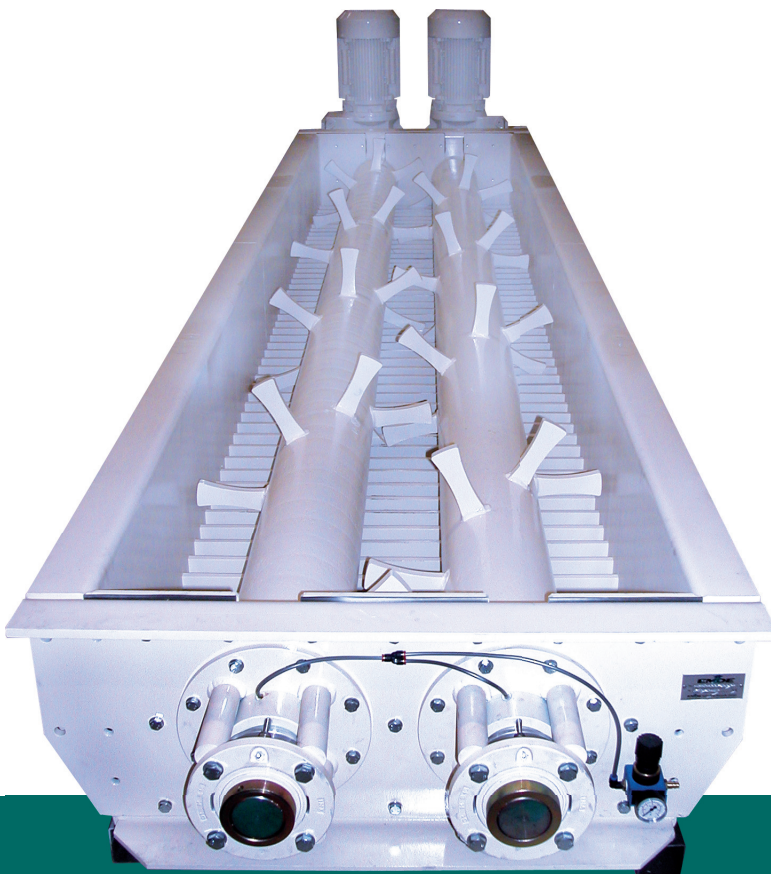
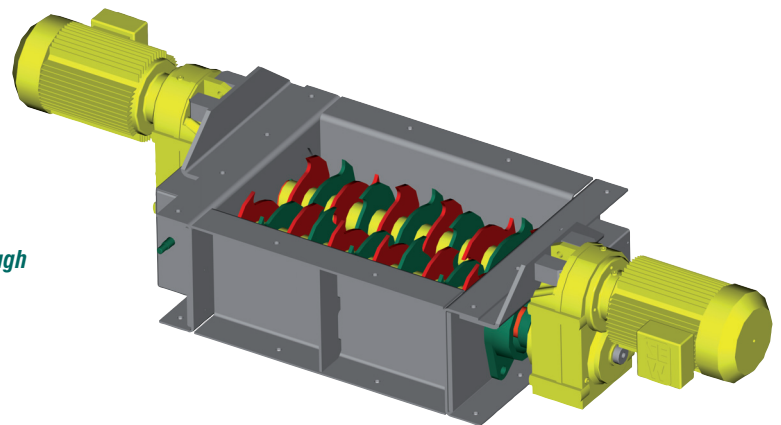
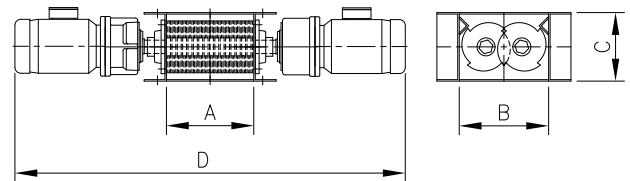
### Application areas:

Product conditioning before further processing  
Destruction of agglomeration in front of packing systems, sieve machines or pneumatic conveyor systems

- ▶ **Reduced maintenance due to separately actuated crusher shafts**
- ▶ **Shaft sealing with shaft sealings or adjustable packing glands**
- ▶ **Less final grain size due to post-crushing through additional sieve insert**
- ▶ **Fast cleaning through pull-out device with smooth-moving guide slide bearings and inflatable gasket in the housing flange**
- ▶ **Self-cleaning system with removable cleaning comb**
- ▶ **Disk division and thickness freely selectable**
- ▶ **Disk geometry freely selectable**
- ▶ **Anti-twist protection of the crusher disks through strongly dimensioned hexagon crusher shafts**

Typ	A	B	C	D	P
				approx.	Motor output [ kW ]
KB32/200	200	300	230	1320	2×1,1
KB32/400	400	300	230	1520	2×1,5
KB32/600	630	315	230	1750	2×1,5
KB42/400	400	400	260	1550	2×1,5
KB42/600	600	400	260	1800	2×2,2
KB42/800	800	400	260	2000	2×2,2

All dimensions in mm





**EMDE**  
**Automation GmbH**

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- ▶ Conveying
  - Screw conveyor
  - Pneumatic conveying systems
  - Vacuum conveying systems
  - Flexible screw conveyors
- ▶ Filling / Emptying
  - Big Bag handling systems
  - Sack emptying systems
  - Lifting and tipping equipment
- ▶ Dosing / Mixing
  - Dosing screw feeders
  - Vibration feeders
  - Batch mixers
  - Screw mixers

- ▶ Systems / Components
  - Plant technology / System solutions
  - Vacuum cleaning systems
  - Dosing and loading system
  - Empty sack and Big Bag compactor
  - Lump breakers
  - Compensators
  - Sack clamps
- ▶ Control systems
  - Control system manufacturing
  - PLC programming and visualisation
  - Electrical installation/commissioning/service

**EMDE**  
**MouldTec GmbH**

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Phone +49 (0) 67 76 - 232

- ▶ LSR mould construction
  - Cold runner valve systems
  - Ready-to-use systems