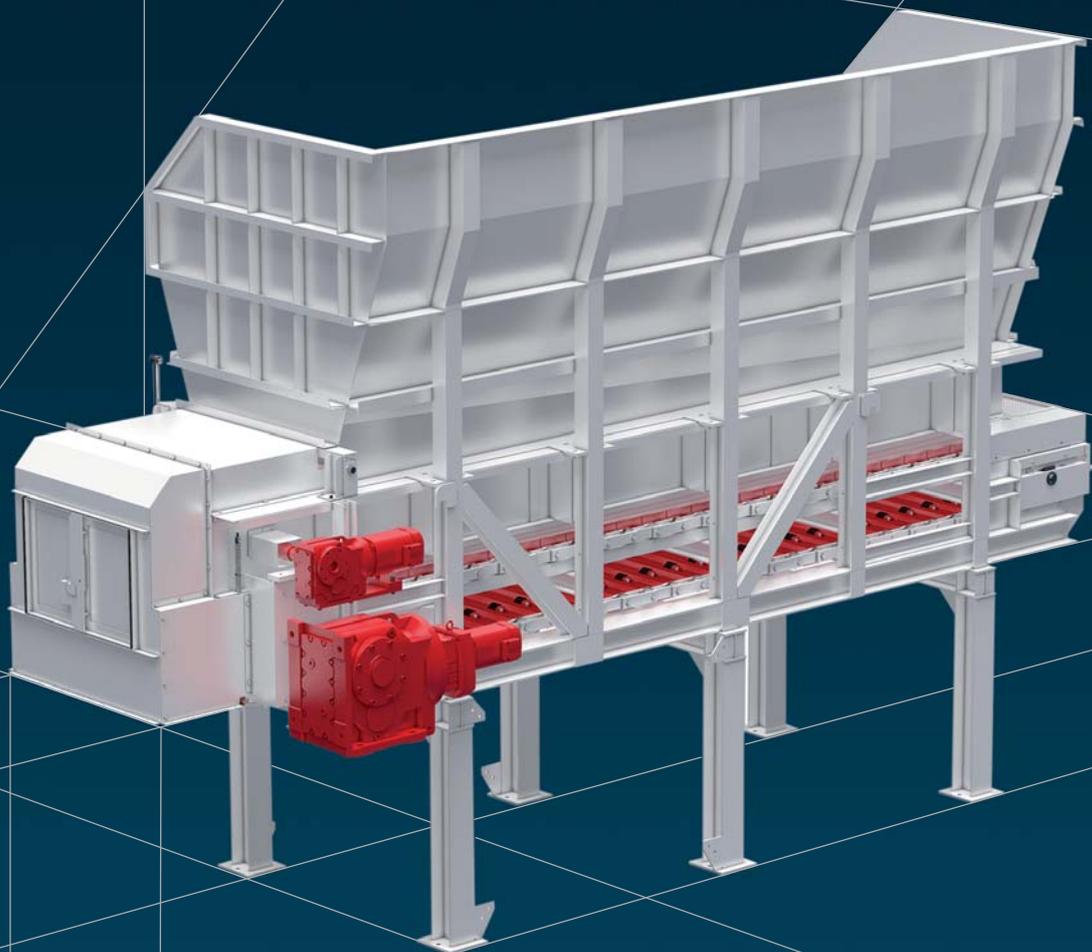


HÄNDLE invented the box feeder in 1906, and has been optimizing it ever since. HÄNDLE-built box feeders can be found globally throughout various industries for feeding, proportioning, buffering and storing unprocessed raw materials, prepared bodies, additives and waste materials.

## Box feeders

*BKN/ BKNG/  
BKSS/ BKSSG*



# The HÄNDLE box feeder series

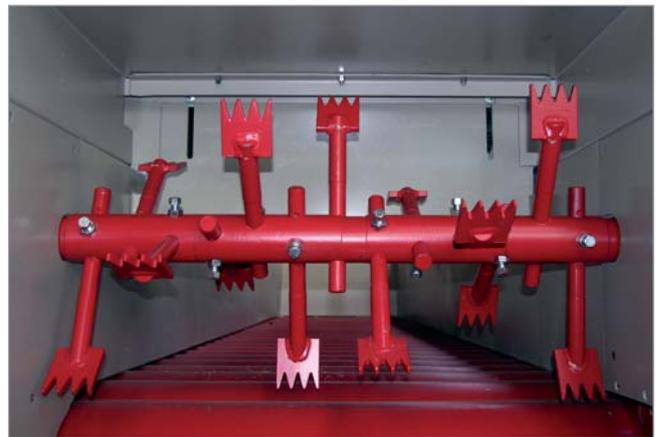
The better a given box feeder has been attuned and accommodated to a particular material and its particular properties, i.e., feed size, moisture content, bulk density and consistency, as well to the requirements of the downstream equipment, the better it can do its job. In order to best fulfill the resultant diversity of criteria, HÄNDLE has designed four different type series.

Standard-type BKN box feeders for unprocessed raw materials and prepared bodies; heavy-duty type BKSS box feeders for particularly coarse, cloddy and otherwise

problematic raw materials; rubber-belt box feeders for normal and heavy duty, especially for trickling and free-flowing bulk material. With a HÄNDLE box feeder, you enjoy the benefits of our experience in the design, development and implementation of numerous systems for as many different terms of reference, in the course of which a plethora of special-purpose machine components have evolved, proven themselves in practical application, and now lend themselves to individual integration into new systems.

## Defining characteristics

- Maximum density and high material discharge rates thanks to specially designed metal-slat belts
- Reliable discharge, even of poorly flowing raw materials and bodies thanks to wide-front boxes
- Uniform material flow thanks to paddle blades and infinitely adjustable belt drives
- Various types of paddle blades for materials with different requirements
- Reliable box seal and pretensioned, hinged belt scraper
- Smooth, service-reduced operation thanks to automatic lubrication unit



Paddle shaft with cranked and serrated paddle blades for crumbly or preprocessed material

## Technical data

TYPE	Axle centers m	Overall length mm	Internal discharge width/height mm	Capacity without hopper m <sup>3</sup>	Volumetric throughput m <sup>3</sup> /h bulk	Power requirement belt drive kW
<b>BKN/ BKNG</b>	2/ 3/ 4/ 5/ 6/ 8	2970/ 8970/ 4970 5970/ 6970/ 8970	1250/ 600	1.1 - 5.2	1.1 - 5.2	0.75 - 5.5
<b>BKSS/ BKSSG</b>	4/ 5/ 6/ 7/ 8/ 10/ 12	5166/ 6166/ 7166 8166/ 9166/ 11166/ 13166 5253/ 6253/ 7253 8253/ 9253/ 11253/ 13253	1500/ 800 2000/ 1000	3.9 - 12.5 6.7 - 21.5	2.5 - 180.0 6.0 - 315.0	2.2 - 18.5 2.2 - 18.5

Subject to technical modification due to ongoing development