

PRODUCTION DOSING SYSTEM

**B&K**  
WÄGE- UND ANLAGENTECHNIK

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### DOSING SCREWS VIBRATING CHANNELS

Production and dosing screws also equipped with additional micro-dosing screws.

Special types are available, for example, cooling screws, so that during transport material can be cooled or heated.

Ausführung	Pipe or trough auger available
Material	Stainless steel, normal steel, aluminum, plastic
Diameter	30 mm - 500 mm
Shock resistant	Up to 10 bar overpressure available
Atex	All augers can also run in Atex if you wish, for example, Zone 20/21.

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## M E C H A N I C A L FEEDING AND DOSING SYSTEM

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### | FEEDING AND DOSING BELTS |



### FEEDING AND DOSING BELTS

Special types are available, for example, belt scales for the weighing process or checkweighing.

Material	Stainless steel, normal steel, aluminum, plastic/rubber
Measurements	Freely dimensioned
Atex	All belts can also run in Atex if you wish, for example, Zone 20/21.



**GUIDERAILS**

**ROLLER CONVEYOR SYSTEMS**

System solutions including palletising and filling

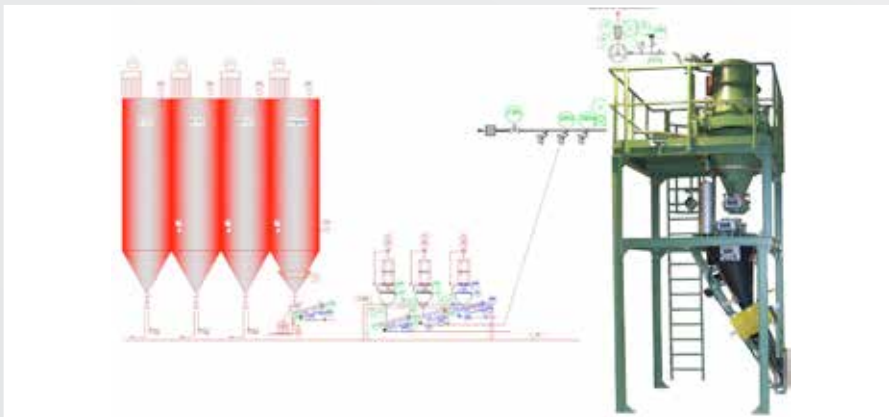
Finish	Available with or without motor
Material	Stainless steel, normal steel, aluminum, plastic/rubber
Measurements	Freely dimensioned
Atex	All belts can also run in Atex if you wish, e.g. Zone 20/21.

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## P N E U M A T I C D O S I N G S Y S T E M S

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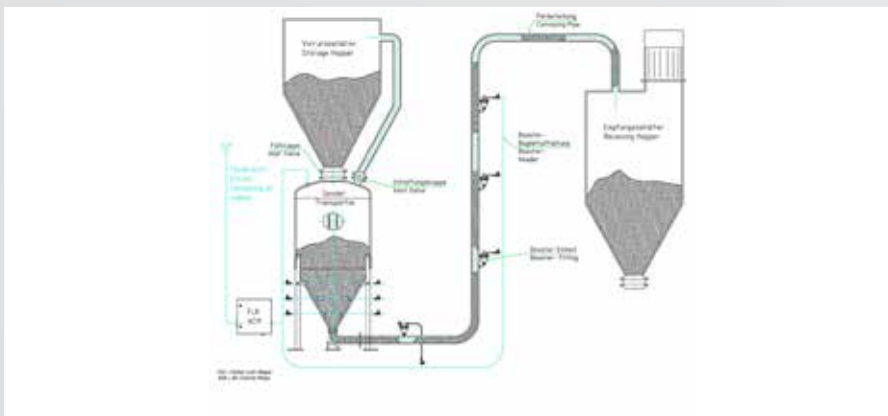


### PNEUMATIC DOSING SYSTEMS

A vacuum or pressure conveyor system is often a better and more economical solution to dosing or feed products from A to B. These systems can also be used as dosing systems. Here, comparable precision values can be achieved, as with a conventional feeding system.

Finish	Vacuum- or pressure conveying designs are available
Material	Stainless steel, normal steel, PE, rubber
Performance	10kg/h to 20t/h
Hauling distance	From 1m to 200m, depending on the product

# FÖRDER\_DYNAMIC



## OPERATION OF THE TRANSMITTER

The filling of the transmitter is initiated by the opening of the loading and ventilation flap.

The transmitter fills up quickly because the displacement of air can escape unhindered through the ventilation opening. After reaching the filling level (level switch), close both flaps again and in doing so, the unique locking position can be monitored through limit switches.

The transmitter is supplied with compressed air and the material is pressed with the highest possible density in the production, whereby a very economical conveying process is achieved.

After the completion of production drops the air pressure, the air supply automatically shuts off.

The transmitter is now ready again for the next conveying cycle.

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# FÖRDER\_DYNAMIC

## DENSE PHASE CONVEYING

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PRODUCT-FRIENDLY
LOW-WEAR



## PNEUMATIC DENSE PHASE CONVEYING

In 2010, the company **B&K** took over Förderdynamic GmbH in order to also be able to cover the field of pneumatic dense phase conveying.

For this purpose, a separate test facility has been created to enable the testing of the conveying of different raw materials.

# B&K

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