



APRON FEEDERS

Start > Products and Systems > Apron Feeders

Apron Feeders type BPB, BPB-S, and BPB-SF

Flexible solution for Crusher Feeding, Wagon Unloading, Hopper Discharge or Stockpile Discharge

AUMUND Apron Feeders type BPB, BPB-S and BPB-SF offer a wide range of applications for various feeding, unloading and discharging objectives. These Apron Feeders are particularly well adapted to provide solutions for the conveying of moist and sticky bulk materials, such as clay, gypsum, anhydrite, and pozzolana among others, as the slightly arched plates of the Apron Feeder allow cohesive materials to be scraped off easily. The conveyors are equipped with forged chains and wear-resistant components. The plate, chain and roller design is configured to suit the specific task and the required conveying capacity.

AUMUND Apron Feeders (PDF)



AUMUND Extreme Heavy Duty Apron Feeder type BPB-SF



AUMUND Apron Feeder type BPB for Stockpile Discharge



AUMUND Apron Feeder type BPB for Hopper Discharge



AUMUND Apron Feeder type BPB for discharge of medium loads



AUMUND Apron Feeder type BPB for Crusher Feeding



AUMUND Apron Feeder type BPB

Ultra-Heavy-Duty Apron Feeders type BPB-SF

The machines are completely assembled and test run on AUMUND premises, and transported as a pre-constructed unit to site for easy installation and fast commissioning.

Functions and characteristics

- Plate widths up to 4,000 mm
- Length up to 50 m
- Inclination up to 27°
- Capacity up to 10,000 tph
- Variable speed drive for metering
- Tailor-made machines with a large range of sizes and parameters

Materials

- Ores
- Coal
- Limestone
- Clay
- Lime
- Natural and FGD gypsum
- Petcoke
- Aggregates

BPB-SF Special options: Lump breaker

- For breaking up and homogenisation of accumulated material (necessary for on-going weighing and metering)
- Spillage conveyor for containment of fines can be designed as a scraper chain or as a belt conveyor
- Integrated material guides ensure controlled material flow and accurate distance between the hopper structure and apron surface
- Depending on material properties, guides are equipped with adequately wear-resistant linings
- Control and automation unit for control of drive, coupling, lubrication and weighing systems
- Impact beams which have polymer liners and automatic lubrication over their entire length

BPB and KZB-S for medium-duty applications

- Cost-effective solution for discharging of hoppers and stockpiles with medium-sized loads
- Plate width up to 2,400 mm
- Capacity up to 1,500 tph
- With the addition of a weighing scale the unit can provide integrated discharging, weighing and metering
- Rollers with lifetime lubrication
- AUMUND designed chains cover a wide range of capacities
- Options: spillage conveyor, lump breaker

Crusher feeding

- Intake of run-of-mine material directly from dump trucks
- Unloading of multiple trucks at once
- Material size up to 1,500 mm
- Each unit is tailor-made to suit the crusher

Wagon unloading

- Unloading of bulk materials with any particle size up to 1,500 mm
- One machine covers the full range of bulk materials (from fertilizers to ore)
- Suitable for unloading in combination with wagon tippler (unloading of one, two or more wagons at once)
- Suitable for abrasive materials
- High impact load resistance
- Intake of run-of-mine material directly from dump trucks
- Unloading of multiple trucks at once
- Each unit is tailor-made to suit the crusher

Hopper discharge

- Plate widths up to 3,000 mm activate the entire material column
- Vertical or even negative angled walls for extremely sticky materials (e.g. clay)
- No bridging or sticking on the walls
- Special plate shape for better cleaning
- Integrated metering and weighing is possible

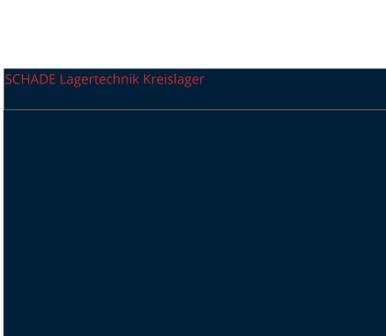
Stockpile discharge

- Several short feeders in series
- Minimum running maintenance
- Unlimited stockpile height
- Robust design
- Reliable material extraction

Apron Weigh Feeder

- Combines material extraction from hopper with weighing and metering in one machine, for applications where use of a belt weigh feeder is not possible.
- Suitable for high temperatures (up to 400°C)
- Suitable for abrasive material
- Plate widths up to 1,800 mm allow installation of the feeder under silos containing sticky material, and extraction of material in a wide flow
- Various weight measuring solutions available, depending on material, structure, and how the material is received into the feeder (extraction from hopper, intake direct from tippler, etc.)
- Full pre-assembly and calibration are carried out on AUMUND premises

AUMUND GROUP



CONTACT

If we can help you with any further information, please use the contact form to get in touch.

You will receive an immediate automated acknowledgement, and we will respond to your enquiry as soon as possible.

Many thanks

AUMUND. SCHADE. SAMSON.

NAME*	E-MAIL*
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COMPANY*

TELEPHONE

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DO YOU ALREADY KNOW WHAT YOU NEED?	▼
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YOUR MESSAGE TO US

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