

[Push Feeder. HPF]

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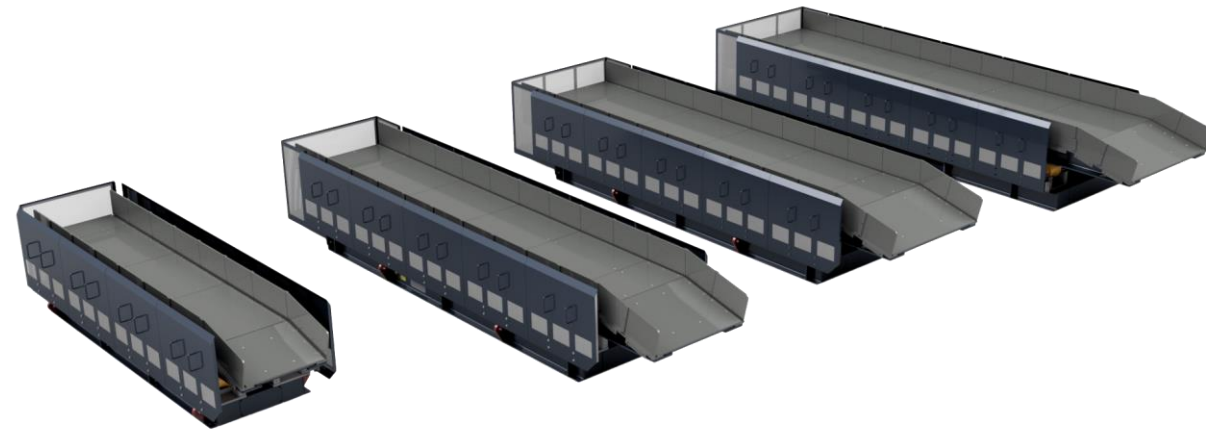
**Experience.
Innovation.
Results.**

Crushing | Screening | Feeding

Push Feeder

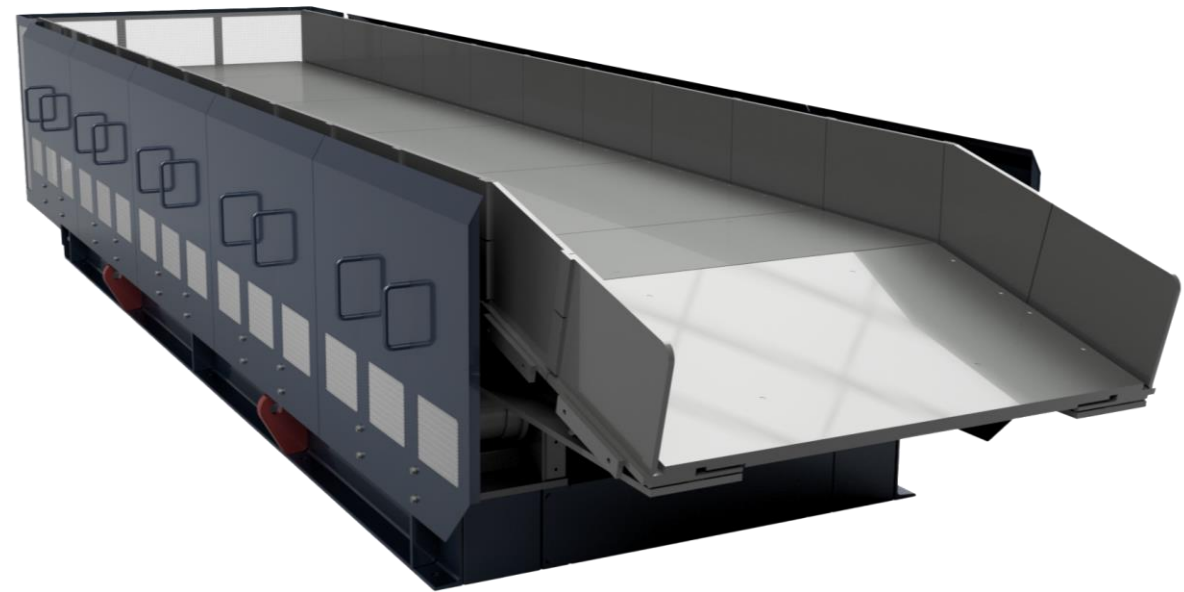
For material extraction from a feed hopper and material conveyance

- Conveyance on a trough which is mounted on rollers and actuated by hydraulic cylinders
- Infinitely variable conveying rate regulation by varying stroke length and speed



Application

- Most robust discharge units for feed hopper
- Are used in horizontally or declined position
- Discharge capacity is determined by the width, stroke and stroke frequency
- Discontinuously material transport
- Material is transported by forward and backward movement on rollers
- During forward movement the material is carried along and breaks away at discharge point



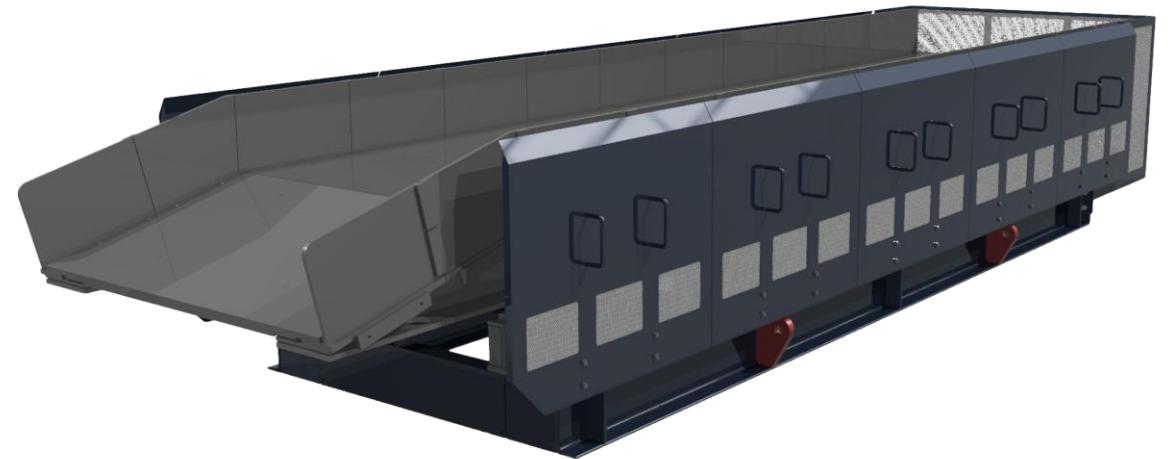
Equipment

- Mainly consists of a trough, an undercarriage on which rollers are mounted, as well as of a drive
- Push feeder is a welded construction of section steel and steel plate
- Bottom is covered with interchangeable wear plates
- Rollers are fitted with wheel flanges to guide the carriage
- Lifetime lubricated bearings



Equipment

- Each roll can be individually adjusted
- Hydraulic cylinder is mounted underneath the trough
- Hydraulic unit supplies the required energy to the cylinder
- Stroke and stroke frequency can be adjusted





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