[Feeders. HPF]

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Push Feeder

For material extraction from a feed hopper and material conveyance

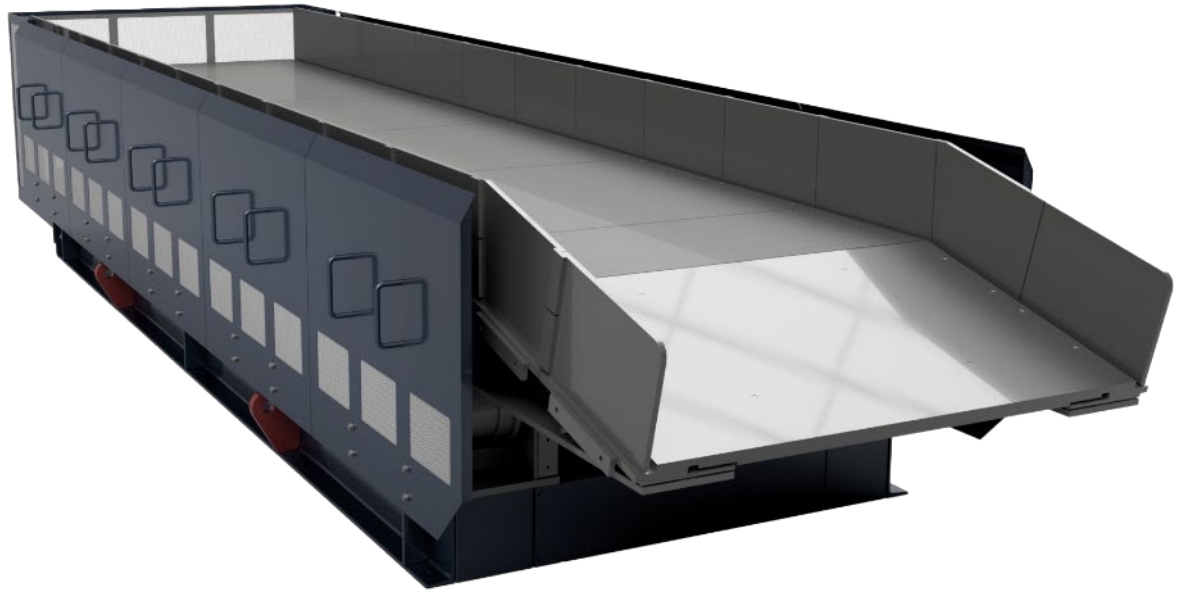
- Conveyance on a trough which is mounted on rollers and actuated by hydraulic cylinders
- Infinitely variable conveying rate regulation by varying stroke length and speed



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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



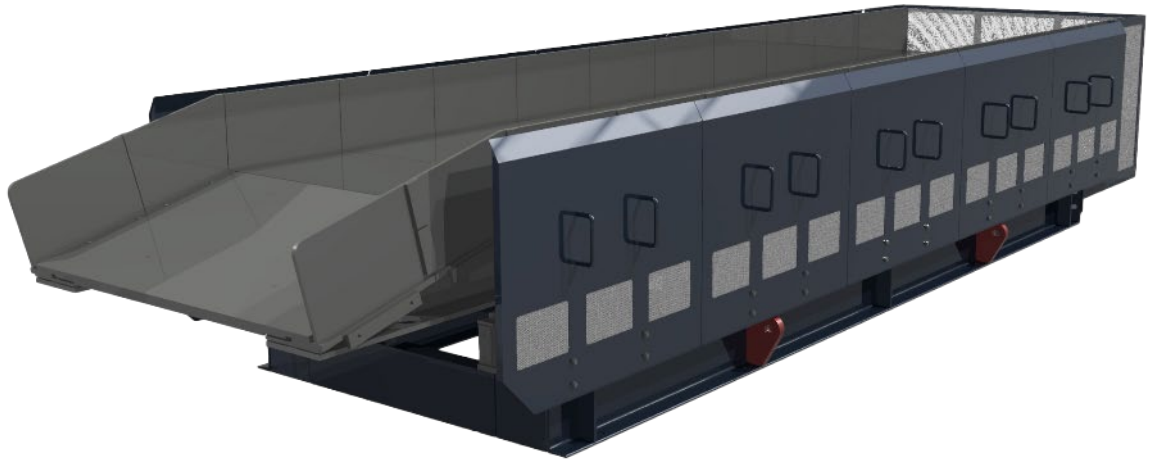
Equipment

- 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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Product Description

Type	Width x Length [mm]	Max. Feed size [mm]	Throughput rate* [t/h]	Installed capacity [kW]	Weight [kg]
HPF 1045	1.000 x 4.500	700	250	22	7.000
HPF 1365	1.300 x 6.500	1.000	550	55	10.500
HPF 1665	1.600 x 6.500	1.250	800	55	11.500
HPF 1870	1.800 x 7.000	1.600	1.200	75	13.500

*depends on stroke and stroke frequency – may be largely adapted to the respective requirements



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