

Vibrating screening feeders VTP and feeders VP

FEEDING



Feeder VTP 2973 – mobile version, recycling



Feeder VTP 2972 – semi-mobile version



Feeder VTP 2973 – mobile version

Vibrating screening feeders VTP and feeders VP are used for rock feeding to crushers while they partially screen small fraction from the material during feeding. Feeders VTP and VP can be fitted with a frequency converter allowing a continuous regulation of capacity.

The feeders are well suited for mobile and semi-mobile units. The semi-mobile feeder is anchored on the lower part of the segmented frame. The frame is fitted with skids for easy transport on-site and location with no set up requirements.

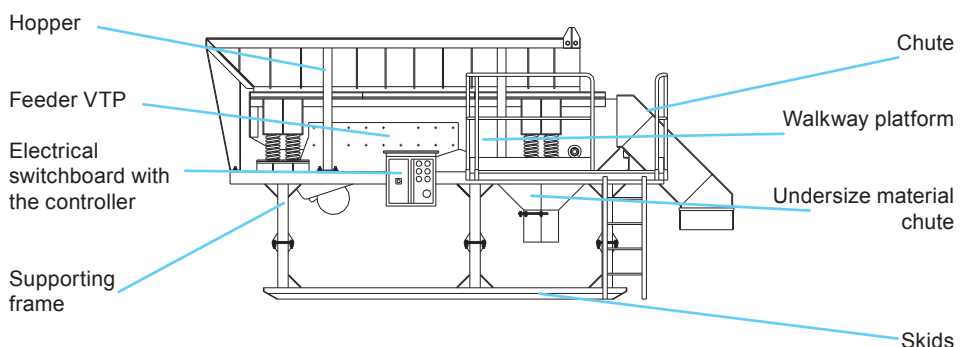
The exceptional operating properties of vibrating screening feeders VTP are:

- High operating reliability
- Low cost for operating and maintenance
- High capacity
- Easy exchange of spare parts
- Simple attendance and maintenance

Basic characteristics of vibrating screening feeders VTP

- The housing is fitted with armors that protect the lateral walls against wear and abrasion. The feeder bottom is constructed of wear resistant material.
- Grate plates are of a rigid design for tough operating conditions.
- Flexible supports permit a variable angle of inclination of the bottom or grate area.
- Feeders are driven by two vibrating self-synchronized motors positioned under the feeder bottom or on the sides of the feeder housing.
- Vibrating feeders VP without sorting function will arise from the VTP feeder where the grate area is replaced with full bottom.
- When the semi-mobile unit with the vibrating feeder VTP is transported on roads, the frame is dismantled. The upper section with the hopper and feeder are transported on one truck while the lower section of the frame as well as chutes and walkways with railings are transported on another truck.

Semi-mobile unit with the vibrating screening feeder VTP



Principle technical parameters

Type	Width x length of the deck mm	Length of grate area mm	Inlet mm	Max. volume of inlet grain m ³	Capacity t/h	Power input of vibrating motors kW
VTP 2971	500 x 3000	750	350 x 250	0.1	100	5.4 (2x2.7)
VTP 2972	700 x 3000	750	500 x 300	0.15	150	7 (2x3.5)
VTP 2973	1000 x 4000	1700	600 x 400	0.2	200	9 (2x4.5)
VTP 2974	1100 x 4000	1700	700 x 450	0.22	230	9 (2x4.5)
VTP 2974	1200 x 4000	1000	800 x 500	0.25	320	13 (2x6.5)

The capacity of the feeder VTP can be increased by increasing the material layer or inclination of the feeder. However, the capacity increase comes at the expense of a reduced screening function of the vibration feeder.