Scope of supply and services

Power ratings and basic types of screen machines:

<table>
<thead>
<tr>
<th>Machine types</th>
<th>Basic types in width (mm)</th>
<th>Basic types and length of (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Linear vibratory spring</td>
<td>2,000</td>
<td>3,000</td>
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Screen machines
For optimal classification of gravel and crushed stone.
Screen sump

This sump and other components are retained with high precision on a computer-aided laser cutting system. The longitudinal section is fixed on the sump machine via a bolt and nut. This allows to avoid bending and tilting in this area which could cause a sump imprecision. Theбо all cross members are mounted to prevent wear and tear. While continuous longitudinal columns would prevail over the horizontal height, we are not distracted from the offset version, only that ensures that the dead zone to be produced on which the screening material can be transported to stay in the discharge.

Cross sectional view

The comparison between cross sectional area and size will be made by means. This ensures a constant and abrasion resistant limitation.

Silv wear strips

The metal die wear strips serve as support for the screen hanger at the same time.

Unbalance exciter

The unbalance exciter consists of a double-drilled disc which is attached on each side to a solid shaft. The out of balance on both sides generated by the disc. By the axial located gravity of the unbalance disc the axis weight of the exciter is strongly reduced. The reduction in weight affects almost lower end of the bearing and thus results in a bearing life extension.

Double or triple bearings

Upper class machines handling larger bearings and out of balances are equipped with two or three smaller excitors and consequently also with double or triple bearings. For circular vibrating screens the exciter shafts are standardized by a bellows shaft.

Advantage of this construction

- Smaller excitors, also smaller bearings and lower installation heights.
- Smaller bearings can be operated with higher rotation speeds resulting in a further increasing output in the fine material area.
- Several excitors lead to a much better force transmittance to the drive unit.

The basis for the screen machines are smaller and will avoid the Fk free. The result is considerably lower emissions of the screen dynamics.

Spraying system

The first patented spraying system is so designed that the amount of water can be set intellectually in all spray fans. On the lower and intermediate deck the spray fans are equipped with highly wear resistant wear lining made of polyurethane.

Water pressure gauge

All internal systems are equipped with a pressure gauge in order to control the individual water pressure elicit.

Wear protection of polyurethane

At easy and quick change of the wear protection can be done manually.

Construction

All parts of the machine are well and evenly secured and an adjustment is made similar to WIMA’s high quality of the test production work. The machine is an ideal operating safety.

Lubrication

The lubrication with oil sprays and mist lubrication. The oil can only be found in both bearing housings and can be obtained around by the radial axis. On the side axis provided to the screen bearings. Filling all the shaft protection tubes is not necessary. The bearings cannot be over-lubricated and are always supplied with the right amount of oil. The total bearing with this lubrication is located on an absolutely closed precision bearing through the spherical seating of the outer race and a very little to be exchanged. So pollution can be entered the bearing and also will still be leading from the bearing.

Details

Vib test gauge and oil tube screen.