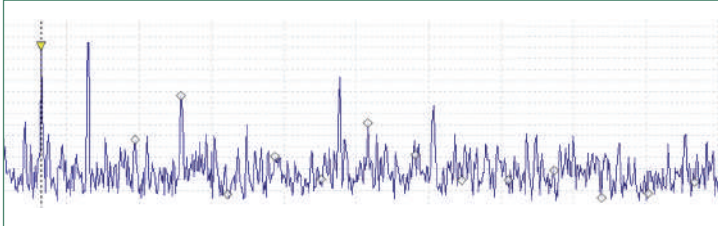


produkt
Product



Product

Spaleck Screening-Mouse

The intelligent screening machine monitoring system for predictive maintenance



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Application

The Spaleck Screening-Mouse is able to perform an intelligent screening machine monitoring, which detects changes to the operating performance in time, before the downtime occurs.

This prevents unscheduled shutdowns and consequential losses.

To reach this performance, the Screening Mouse does not simply measure the actual status, but records it continuously and compares the data with previous measurements.

Additionally the Screening-Mouse combines the typical oscillation information with the process parameters.

These resulting trends enable an early reaction to changes in the operation performance.

The Screening-Mouse reports changes in operation performance either to the operators by using optical signals or by sending electronic signals to the control room. If it is not possible to reinstate the accurate operation through regular maintenance procedures, there is the option to send the recorded data to Spaleck.

An analysis by our specialised staff leads directly to precise handling instructions to guarantee a fast restoration of the optimal operation of your plant.

The data transfer can be done manually, by using a VPN-Connection or a GPRS-Modem.

Benefits

- Reduction of costs due to unscheduled shutdowns
- Real-time measurement and trend analysis of the basic oscillation and the bearing damage frequencies
- Additional recording of various process parameters in correlation to the oscillation parameters e.g. rpm, operating hours and temperature
- Digital I/O's enable integration to the control centre
- Remote maintenance via the installed network or a modem possible
- Full service including screening machine diagnosis: consulting, commissioning, remote maintenance, service contracts and much more
- Low price, high safety

Screening-Mouse

The modular concept allows the assembly of a not only technically but also economically advantageous monitoring system whether it be a single mobile machine or the central monitoring of a whole plant.

The machine diagnosis offered is unique in vibration technology. It is completed with the full-service provided by the Spaleck Group. This is our contribution to process optimization and to a reduction of maintenance and total costs of ownership.

Flexible solutions are individually fitted to your needs. The system can be retrofitted to already existing machines, is fast installed, ready to use and may be integrated into a higher level system e.g. the control or the control centre at your wish.

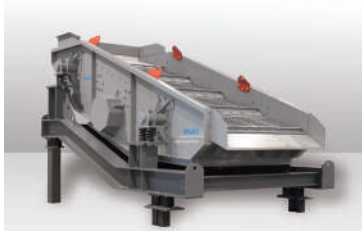
Two options of the Spaleck Screening-Mouse are available (see chart).



3D-Kombi-Flip-Flow-Screen



Flip-Flow-Screen Elastica



Recycling-Waste-Screen



Vibratory Conveyor



© Spaleck

Screening-Mouse options	compact	integer
Oscillation monitoring	o	o
Bearing monitoring	o	o
Temperature monitoring	o	o
Rpm Monitoring	o	o
Life cycle trend analysis	o	o
Expandable to multiple machines	o	o
Operation hours counter		o
I/O's*		o
Remote monitoring via VPN	o	o
Remote monitoring via mobile service**		o (optional)

* useable for connection to control centre, interface to other units, warning signals, etc.

** results additional charges depending on provider and region

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