

BMS Bearing- Monitoring System

Productdescription

The average gives the world its existence,
the extraordinary their value.
(Oscar Wilde)



BMS Bearing- Monitoring- System

Bearings, fans and drives always under control

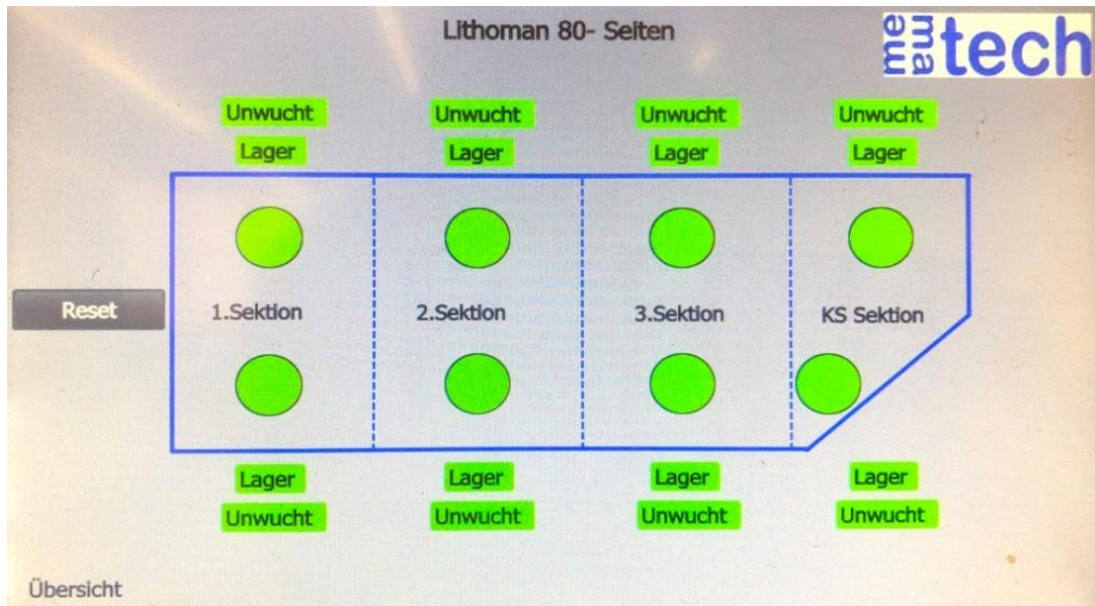
Bearings, fans and drive damage are among the most common causes of unplanned downtimes. While the spare part costs for repairs are often low, the downtime costs quickly rise to a very high level.

Since bearings, fans and electromechanical drives are subject to wear and tear, damage with system failure can only be avoided by replacing the bearings, fans and attachments early. However, this is also associated with not inconsiderable costs and is not always safe.

The solution:

With the mematech BMS Bearing Monitoring System, you always have your bearings, fans and drive unit under control.

According to the traffic light system, you will be warned of damage in good time so that you can put the repairs in production-free times with sufficient lead time. This saves downtime costs, maintenance costs, prevention costs, outsourcing costs and hassle.



The advantages:

1. Continuous measurement and control. Higher security than controls based on time intervals or suspected damage.
2. Damage does not cause unplanned downtimes.
3. Easy to understand traffic light system in the overview but simple and accurate display of the damage and damage location in the detailed view.
4. Low cable installation effort by using the existing network.
5. Flexible installation of the visualization. Only power socket and LAN socket required.
6. Bearing damage and imbalance damage are recognized and displayed separately.
7. No "teach in" required, the status of the drive train and the quality of the repair are recognized immediately the next time it is started
8. Optional remote access for updates, support and technical questions.
9. Components can be used up to the remaining term, so there are no costs for unused bearings etc. with preventive maintenance.
10. Sufficiently long lead time for repair planning.

The areas of use

The BMS Bearing Monitoring System is very often used on circulating air fans in dryers and fans on extraction systems in the printing industry. Further applications are wherever bearings, impellers or turbines are in use, the damage cause higher downtime costs.

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