Institut für
Integrierte Produktion Hannover

Testing of conveyor belt idlers according to DIN 22112, SAB 1313, DIN ISO 21940

Your challenge

You are a manufacturer or user of conveyor belt idlers and you are in need of an independent testing in regard to their running characteristics? You do not possess the appropriate measurement systems or you lack the time to test your idlers according to the relevant standards and guidelines? We would be pleased to give you support regarding the evaluation of running characteristics of conveyor belt idlers!

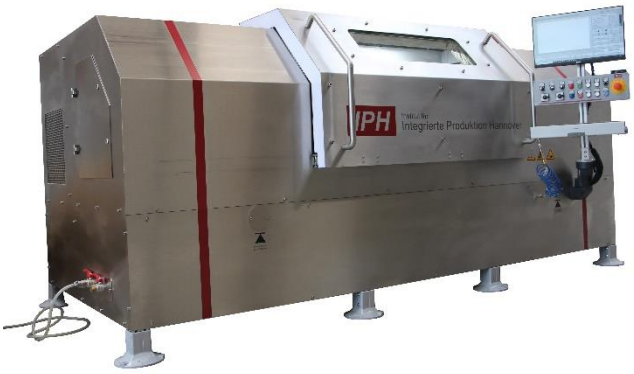
Your benefits

- Statements about the influence of idlers to the energy demand of conveyer belt systems
- Knowledge about the behavior of idlers in a conveyor belt system
- Independent testing with a modern test rig with climatic chamber to simulate near-operational conditions
- Support in the development of driven idlers

Our service

We provide the determination of:

- size and weight of idlers (DIN 22112)
- running resistance (DIN 22112)
- concentricity deviation (DIN 22112)
- axial relocatability (DIN 22112)
- breakaway mass (SAB 1313)
- balancing quality (DIN ISO 21940)
- tightness against water and dust (DIN 22112-3)



Technical Data

- Idlers with dimensions according to DIN 15207 and DIN 22112
- Maximum diameter of idler: 250 mm
- Maximum length of axis: 1500 mm
- Maximum load: 3 kN
- Maximum test velocity: 5 m/s
- Ambient temperature: -40 °C bis 60 °C
- Relative humidity up to 100 %

Your contact person

We would be happy to make you a customized quote.
Just contact us!

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For further information about our services in testing of conveyor belt idlers, please visit:

www.iph-hannover.de/en/services/testing-services