

# QUALITY AND PRECISION: THE PILLER SYSTEM TESTING FIELD

## HIGHLY SPECIALIZED, STANDARDIZED AND DOCUMENTED TESTS

Piller Blowers & Compressors manufactures high-performance blowers and compressors tailored to individual requirements – with unique quality and precision. A major guarantor of success is the company’s own PILLER system testing field with cutting-edge and quality-assuring test procedures and systems. Our testing field offers you comprehensive functional tests of complete blower systems – e. g. as part of customer inspection. We carry out tests according to a range of criteria, from standards to customer-specific tests. Take advantage of our ability to simulate operating conditions on specially designed devices and test benches!



*PILLER system testing field in Moringen, Germany*



*Live report of performance data*

### Your advantages – how you can profit from the PILLER system testing field

- Comprehensive and application-relevant tests
- Diverse testing field, wide range of tests
- Additional, customer-specific tests – acc. to individual priorities
- Comparability and traceability of test results: tests under real, standardized conditions; exclusive customer inspection room
- Reliability: the tests ensure the maximum efficiency, technical performance and dimensional accuracy of your blower



Performance test at the pipe testing bench



View from the customer inspection room

### TESTING FIELD WITH STATE-OF-THE-ART TECHNOLOGY AND CUSTOMER INSPECTION ROOM

Our own testing field is equipped with all necessary measuring instruments and the latest technology, such as a special measuring carriage for data acquisition and transmission. At the pipe testing bench, a specially developed stacking system allows test set-ups to simulate real operating conditions. For vibration tests, we have a range of test stations ready. The equipment includes camera systems to give you an accurate insight into the test run. In total, we offer tests for machines of up to 5,800 mm hook height, 6,000 mm in length, 4,000 mm width and with 400V/500kW.

Another unique feature is the customer inspection room directly beside the testing field: you can watch and analyze all test runs – including real-time test values – as they happen! Our competent staff will gladly assist you with any questions and further information.

The production-integrated system testing field is located at our headquarters in Moringen. Highly experienced test engineers carry out functional tests according to order documents and your individual specifications, thus ensuring the quality of your blower in compliance with our DIN EN ISO 9001 quality management system.

#### Opt for the customer-specific PILLER test portfolio

- Leak test
- Impeller balancing test
- Vibration analysis
- Performance measurement
- Acceleration/coasting measurement, frequency analysis
- Hot-gas test
- Bearing temperature run test
- Noise measurement
- Frequency converter parameterization
- Complete system balancing
- Instrument testing (cabling)

Our experienced sales engineers provide you with comprehensive advice and information concerning the possibilities and benefits of a customized test.

Visit our website to find worldwide sales & service contacts

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