



Testing & Balancing for you.

About us

The Dynamowerk is the oldest manufacturing plant in "Siemensstadt" which is located in the heart of Berlin. We offer world class equipment, experience and support you to help you tackle your challenges.

For 115 years we have been known for our ability to manufacture and **test** special machines up to 100 MW for a wide range of industrial applications. Our well-experienced team continues to offer innovative technologies to solve industry's most challenging problems.

Unique by Tradition and Innovation

Our **Dynamowerk** offers high flexible testing & balancing capabilities. From shaft loaded heat runs to system testing to high speed balancing, we have you covered. You can leverage our experience to ensure application performance excellence in the field.

Our unique ISO 7475 compliant containment bunker allows you to safely & precisely balance your components to **ensure function and safety**.

With nearly **4.000 m²** under the roof, the test center is capable to build up a whole drive chain to simulate your field conditions.

When you need to validate your theoretical design or repair work think about our Dynamowerk in Berlin!

SIEMENS



Testfield

Our **Testing Area** is completely modular to provide maximum flexibility for your testing needs. We can feed drive-systems with up to **110kV** and **100MW**. Real-time remote testing is also available for your convenience.

Speed RPM	Shaft Power MW	Torque kNm
15.000	10.1	6.4
12.500	8.4	6.4
10.000	6.7	6.4
7.500	10.0	12.7
5.000	6.6	12.7
3.600	10.0	26.5
3.000	8.3	26.5
1.800	12.0	63.6
1.500	12.0	76.4
1.000	8.0	76.4
500	11.0	210
200	7.3	350

Balancing

The unique **Balancing Bunker** is protected by a 100t cover to safely & precisely test up to **20.000 rpm**. We can mount the most common bearing types.

Description	Capacity
Max. Rotor diameter	up to 2.000 mm
Max. Rotor length	up to 9.500 mm
Max. Weight	up to 50 ton
Max. Speed	up to 20.000 rpm

Do you need...

- Type Test for your new HV Motor
- Verification of your Repair and Refurbish Work
- Combined test of an entire system (transformer + drive + motor)
- To Test to Standards IEC, IEEE, NEMA, API
- A larger testfield
- Reliable partner when you run out of capacity

Our solutions...

State-of-the-Art Testfield

- 8 test benches
- all applicable Standards
- modular test beds (horizontal & vertical)

Unique Balancing Bench

- Up to 20.000 rpm
- Up to 3 bearings brackets
- Anti-Friction, Sleeve & Active Magnetic Bearing balancing

New Ways of Communication

- Remote witnessing
- Partnering to find excellent solutions for your business case
- Supporting you on your challenges

New Era of Business

- Provide capacity to whole branch
- High Level of discretion
- Competitive pricing

Published by Siemens AG

Global Headquarters LDA

Siemens AG
Large Drives Applications
Vogelweiherstr. 1-15
90441 Nuremberg
Germany

For the U.S. published by
Siemens Industry Inc.
100 Technology Drive
Alpharetta, GA 30005 United States

www.siemens.com/high-voltage-motors
www.siemens.de/dynamowerk

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© Siemens 2021
Order No.: PCLD-P10016-00-76DE

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