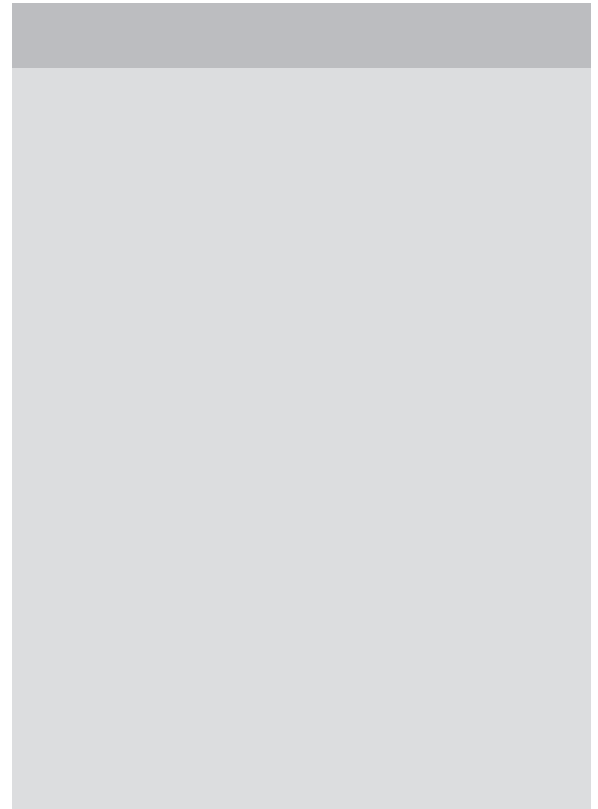


Quality Certification, Contract Balancing



Balancing and spin-testing service

It isn't always the most economical solution to have your own machine. Our modern service centers offer you a rotor balancing service. Production series and individual parts are brought up to the required unbalance tolerance, quickly and affordably. We are happy to advise you, even with a commercial comparison of buying your own machine against using our service.

Our trained staff have vast experience with efficient and precise balancing or spin-testing of any type of rotor. Even problematic rotors can be handled quickly and difficult problems solved.

This is what our balancing and spintesting service can do for you:

- Balancing of rotors weighing up to 20,000 kg on state-of-the-art balancing machines. Cylindrical rotors up to 7000 mm long and with a maximum diameter of 3400 mm can be balanced in our balancing center. With disc-shaped rotors, the maximum diameter is 4000 mm.
- Balancing of flexible rotors at or near service speed using computer-assisted methods
- Precision-balancing to highest accuracies
- Balancing of one-of-a-kind components and batches

- Verification of master rotors (measuring equipment in accordance with DIN EN ISO 9001) and issuing of a test certificate to DIN EN 10204
- Determination of the moment of turbine and jet engine blades up to 2 kgm
- Spin-testing of rotors weighing up to 400 kg at speeds up to 63,000 min⁻¹

Testing center for balancing systems

Schenck has been manufacturing balancing machine for almost 100 years. During this period, we have had a significant influence on balancing technology and left our mark through our long-standing participation in standards committees. No other company can offer comparable experience and a broader knowledge base when it comes to testing of balancing machines. You will be able to benefit from our extensive knowhow.

In our testing center for balancing system – the first worldwide – we will use traceable methods to perform verification of the following:

- Low-speed horizontal balancing machines
- Low-speed vertical balancing machines
- High-speed balancing systems
- Measuring equipment (Master/test rotors and weights)

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Our test center will assist you in the documentation of the quality of your working processes and manufacturing equipment through competent

- Verification of your balancing machines to ISO 2953 and internal test standards
- Verification of the measurement uncertainty and issuing of a test certificate in accordance with the current DIN EN ISO/IEC 17025 standard.

Prove it to your customers! If you wish to safeguard the quality of your production through periodic verification of your machines, contact us at the address below, or visit our website.

Phone: +49 6151 / 32 1298

Fax: +49 6151 / 32 3081

e-mail: service.rotect@schenck.net

Machine market

You are looking for a used machine, a subassembly or a specific component? In that case, our machine market will be the right place for you, where you will be sure to find what you require.

Our latest offers can be found on our website at

<http://www.schenck-rotec.com/service>

Our balancing centers:

Schenck RoTec GmbH

Balancing Center Central Germany

Landwehrstraße 55

64293 Darmstadt

Wolfgang Roth

Telephone +49 (0) 61 51 32 - 25 63

Fax +49 (0) 61 51 32 -27 65

auswuchtzentrum-mitte@schenck.net

Schenck RoTec GmbH

Balancing Center West Germany

Horst-Gladbecker-Strasse 25

D-45899 Gelsenkirchen

Klaus Possekel

Telephone +49 (0) 209 1657 018

Fax +49 (0) 209 1657 070

auswuchtzentrum-west@schenck.net

Schenck RoTec GmbH

Balancing Center North Germany

Kokenhorststraße 13

30938 Burgwedel

Matthias Kurz

Telephone +49 (0) 5139 40989-0

Fax +49 (0) 5139 40988-9

auswuchtzentrum-nord@schenck.net

Schenck RoTec GmbH

Balancing Center South Germany

Räuchlestr. 5

89165 Dietersheim

Marc Sälzle

Telephon +49 (0) 73 47 - 9 58 66-1

Fax +49 (0) 73 47 - 9 58 66-3

auswuchtzentrum-sued@schenck.net

United Kingdom

Schenck Limited

Broxell Close

Warwick

CV34 5QF

Nigel Best

Telephone +44 1926 / 41 88 98

nigel@schenck.co.uk

France

SCHENCK SAS

Equilibrage & Diagnostic

Z.I. Les Forboeufs - 2 Rue Denis Papin

95280 JOUY-LE-MOUTIER

Alain Boidin

Telephone +33 / 1 34 32 90 12

Fax +33 / 1 34 32 35 24

boidin@ssa.schenck.net

Netherlands/Belgium

Schenck Balanceecentrum

De Bloemendaal 15

NL-5221 EB 's-Hertogenbosch

Erwin van der Klooster

Telephone +31 (0)73 633 05 99

Fax +31 (0)73 633 05 98

balanceren@schenck.nl

Italy

Schenck Italia S.R.L

Via Varese 6/B

I-20037 Paderno Dugnano (MI)

Remo Moreo

Telephone +39 02 91002431

Mobil +39 3481307601

moreo@sit.schenck.net

Czech Republic

Dürr Ecoclean, spol. s r.o.

Divizie Schenck RoTec

Padochov 228

664 12 Oslavany

Zdenek Repa

Telephone +420 / 546 123760

Fax +420 / 546 123 702

zdenek.repa@schenck.net

Poland

ROTEC POLSKA S.C.

ul. Przemyslowa 55

43-100 Tychy

Telephone +48 (0) 32 780 11 92

Fax +48 (0) 32 780 67 50

schenck@rotec.pl

USA

Schenck Trebel Corporation

535 Acorn Street · Deer Park,

NY 11729 USA

Joe Alberto

Telephone +1 631-242-4010

Fax +1 631-242-8715

alberto@schenck-usa.com

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