

Company Presentation



Who we are...

WITT& SOHN
IGW Ventilatoren

- Founded 1945
- In third generation of Witt family with Mr.
 Karsten Witt & Dr. Henrik Witt
- Since November 2018 Dr. Clemens Lorf supports the management team as further Executive Director
- Leading in manufacturing of ventilators for ships, tunnels, industry and power plants
- It is our aim to deliver high quality ventilators to competitive price



Willi Witt



Prof. Dr. Hans Witt



Dr. Henrik Witt



Karsten Witt



Dr. Clemens Lorf

The Witt Group...



IGW Ventilatoren

WITT& SON UK

Mitt & Son UK

Witt House, Shelf Mills Wade House Road Halifax HX3 7BJ, Great Britain

Tel: +44 (12 74) 69 49 99 Fax: +44 (12 74) 34 11 14

Email: sales@wittandson.co.uk
Web: www.wittandson.co.uk

Founded: 1995
Type of Business:
Service

Scope: Global



PSB UK Limited

Witt House, Shelf Mills Wade House Road Halifax HX3 7BJ, Great Britain Tel: +44 (12 74) 69 49 99 Fax: +44 (12 74) 34 11 14

Fax: +44 (12 /4) 34 11 14 Email: sales@psbuk.com Web: www.psbuk.com

Founded: 2001

<u>Type of Business:</u> Parking garage engineering

Scope:

United Kingdom

FAN SYSTEMS

Fan Systems Group Limited

Witt House, Shelf Mills Wade House Road

Halifax HX3 7BJ, Great Britain Tel: +44 (12 74) 69 49 99 Fax: +44 (12 74) 34 11 14

Email: sales@fansystems.co.uk
Web: www.fansystems.co.uk

Founded: 1955

Type of Business: Fan manufacturing

Scope: Global

WITT&SOHN

IGW Ventilatoren

Witt & Sohn AG

Ziegeleiweg 38

25421 Pinneberg, Germany Tel: +49 (41 01) 70 07-0 Fax: +49 (41 01) 70 07-30 Email: <u>info@wittfan.de</u> Web: www.wittfan.de

Founded: 1945

Type of Business: Fan manufacturing

Scope: Global

Employees: 400

Annual turnover : ~ 60,0 Mio.€

MEIDINGER

Meidinger AG

Landstrasse 71 4303 Kaiseraugst Switzerland

Tel. +41 (61) 4 87 44 11 Fax: +41 (61) 4 87 44 00

Email: info@meidinger.ch Web: www.meidinger.ch

Founded: 1900

Type of Business: Fan manufacturing

Scope: Global

WITT INDIA

Witt India Pvt. Ltd.

Serene Towers, VII Floor, Block A, Q City, Gachibowli, Nanakramguda, Hyderabad 500 032, Andhra Pradesh, India Tel: +91 (40) 44 881 800

Fax: +91 (40) 44 881811
Email: info@wittindia.com

Web: www.wittindia.com

Founded: 2007

Type of Business:
Fan manufacturing

Scope: Global



Witt Contracting GmbH

Wuppermanstrasse 6-10 25421 Pinneberg

Germany Tel: +49 (41 01) 70 07-68 Fax: +49 (41 01) 70 07-30

Email: psb@wittfan.de
Web: www.psb-d.de

Founded: 1997

Type of Business:

Parking garage engineering

Scone:

German Speaking Europe



Alldays Peacock

Witt House, Shelf Mills Wade House Road

Halifax HX3 7BJ, Great Britain Tel: +44 (12 74) 69 49 99 Fax: +44 (12 74) 34 11 14

Email: enquiries@alldayspeacock.co.uk
Web: www.alldayspeacock.co.uk

Founded: 1625

Type of Business: Fan manufacturing

Scope: Global



LF Ventilation A/S

Smedevænget 3 4700 Næstved Denmark

Tel: +45 55 77 22 44
Fax: +45 55 77 82 44
Email: <u>If@lf-group.dk</u>
Web: <u>www.lf-goup.dk</u>

Founded: 1993

Type of Business: Ventilation system engineering

Scope: Denmark



FläktComp Sweden AB

Ljungadalsgatan 12 352 46 Växjö

Sweden

Tel: +46 (4 70) 4 85-50 Fax: +46 (4 70) 4 85-60 Email: <u>info@flaktcomp.se</u> Web: www.flaktcomp.se

Founded: 2003

Type of Business: Ventilation system engineering

Scope:

Sweden

The basis for our success...



- One of the largest product ranges of any ventilator manufacturer world wide
- Scientifically derived fan curves (4th generation impellers)
- Highest efficiencies in all operating points
- 5% of turnover is continuously invested in research and development
- Certified quality since 1976 (KTA1401) and ISO 9001 since 1992
- Highly sophisticated computer system for design, construction and project management
- Very experienced, skilled workforce
- Global presence



Our product range





- Up to 1.000.000 m³/h
- Up to 50.000 Pa
- Up to 89% efficiency
- Very low noise levels
- 500 impeller types for centrifugal fans
- 650 impeller types for axial fans

- Axial
- Centrifugal
- Jet Fans
- Mixed Flow Fans
- Direct/ Coupled/ Belt Driven
- Double Inlet
- Accessories



Our axial fan range:







- Diameter 250 mm to 3550 mm.
- Up to 3500 Pa pressure developed for each stage.
- High fan efficiency up to 89 %.
- Aluminium wheels, adjustable when stationary.
- Low noise loading.
- Fully reversible.
- Anti-stall facilities.
- Fans designed to be explosion-proof.
- 14 different standard designs.
- Individual adaptation and optimization of the characteristic curves.

Axial fans for every need



Explosion proof



Free inlet casing



Swing out type



Short casing



Bulkhead mounting



V-belt drive







Examples of standard impellers



Low pressure Axial-Typ N6 100 - 700 Pa



High pressure Axial-Type X8 500 - 2500 Pa



Low pressure Axial-Typ N8 100 - 1700 Pa



High pressure Axial-Type Y12 600 - 3500 Pa



Low pressure Axial-Type M8 300 - 2000 Pa



100 % reversible Axial-Type NR 100 - 1700 Pa

Focus on ships



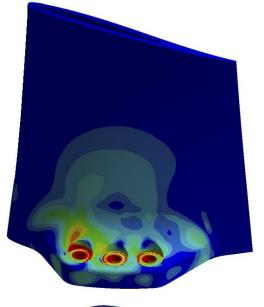




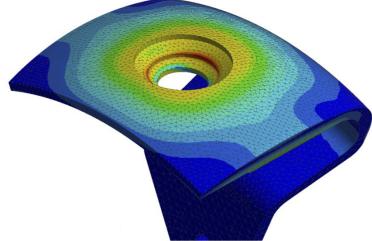
- GL, BV, ABoS, DNV, LRoS, USSR a.o.
- Surface: Hit dip galvanized
- High fan efficiency up to 89 %
- Low noise and vibration levels
- Very small dimensions
- Reversible fans
- Certified explosion proof fans
- Swing out type for special installations
- Wide range of accesoires
- Quick and efficient order processing
- Well experienced team and many references in South Asia

Computer aided development





- Fans modelled using infinite elements
- Reinforced impeller blades developed through stress analyses
- Impellers with 90 % higher operating speed
- Guaranteed reliability
- Compact designs
- Competitively priced









- DIN EN ISO 9001 since 1992
- DIN EN ISO 3834-2 since 1996
- KTA1401 Nuclear since 1976
- DIN 2303 since 2002
- DIN EN ISO 14001 since 2017
- Each fan with functional test run
- Quality test reports for each fan
- Huge documentation package available if needed
- Special computer system to minimise communication problems

Documented Quality since 1976









DIN EN ISO 9001-Certificate DIN EN ISO 14001-Certificate

ISO 45001-Certificate

State of the Art Manufacturing...

WITT& SOHN IGW Ventilatoren

Balancing Machines





Robot Welding Machine



Automatic Impeller Cutting Machine



Sound reduction



Leading in Research & Development





One of the largest worlwide

Measuring of Self Exciting Vibrations

Huge Reference List...











- More than **20.000** ships
- More than 1.000 Navy Vessels
- More than 100 Submarines
- More than 80.000 Industry Projects
- More than 1.300 Tunnels worldwide
- More than 120 metro projects
- More than 90 Nuclear Power Plants

Our Witt – Factory with 25,000m²



