



Joint venture with **WITT & SOHN AG, GERMANY**

WITT INDIA

World Class Axial, Radial & Jet Fans



WITT INDIA PVT. LTD.

is an Indo-German company joint venture with Witt & Sohn AG, Pinneberg, Germany, involved in the Design, Engineering, Manufacturing, Supply & Service of a complete range of Axial Flow Fans, Centrifugal Fans and Jet Fans, serving various industries in India and neighbouring countries.

Established in 2007, WITT INDIA PVT.LTD., with the technical collaboration of Witt & Sohn AG, has complete access to the latest know-how and technology for the complete range of Axial Flow Fans, Centrifugal Fans and Jet Fans. Engineers from WITT INDIA are trained at the German facility of Witt & Sohn AG, in terms of technology and successfully delivered many customer specific solutions for the Indian market.

Equipped with our own world class manufacturing facility, WITT INDIA manufactures Axial Flow Fans, Radial Fans, Jet Fans and related accessories at our facility near Hyderabad, India. With our renowned specialist knowledge in the manufacturing of Fans, we are now a market leader in several demanding sectors requiring bespoke Fan applications. Our aim is to assist customers around the world with their operations by offering top-quality products.

Investing 5% of turnover every year on research and development helps us in meeting changing customer requirements and delivering high performance Eco friendly products.

AXIAL FLOW FANS

Our Axial Flow Fan range is distinguished by a large number of different standard designs. The different impeller hub-diameter ratios enable us to satisfy a very large range of volume flow rate/pressure combinations for most types of installations. In addition to the shown standard Fans, we also manufacture a large number of special designs, ex. Explosion Proof (with FLP motors), Pump room Fans, Shock Proof Fans, Smoke Extract Fans etc. In case of demand for special Fans, WITT INDIA is always ready to design a custom solution.

Our impellers have all aerofoil blades with high efficiencies and favourable noise ratings. Of course, electric motors are normally supported symmetrically, without feet disturbing the flow. The blade angle can be adjusted at standstill, a big advantage when for example the duct system is modified. The aerodynamically shaped impellers are made of corrosion resistant cast aluminium alloy.

Inlet size	250 up to 2800 mm
Casing thickness	1.5 up to 16 mm
Impeller types	N, M, X, Y (adjustable pitch) & made of Cast Aluminum, Mild Steel & Stainless Steel
Motor frame Size	63 up to 400
Position	A, AU, AD, B, BD, BU according to Euro vent
Surface Treatment	Painted, Hot-dip galvanized
Special design	Flame-proof, High temperature, Shock proof & Reversible



ENERGY SAVED IS ENERGY PRODUCED & WE DO IT.

WITT INDIA
World Class Axial, Radial & Jet Fans

WITT&SOHN
IGW Ventilatoren

RADIAL FANS

Our Centrifugal Fan range has been developed to allow most combinations of volume flow rate and pressure to be realized with direct drive Fans. Since the Fan range is based on a modular system the majority of Fans can be manufactured from standard components. This allows for short through put times & competitive prices.

Inlet size	63 up to 2500 mm
Casing	1.5 up to 20 mm Thick & MS, SS, Aluminium & Special Alloy materials
Casing types	LRZ (Low pressure), PRZ & MRZ (Medium pressure), HRZ (High pressure), SRZ (Ultra high pressure).
Impeller types	Minimum 6 types per casing including dust impellers
Motor frame Size	63 up to 400
Outlet Position	According to Euro vent
Special design	Flame-proof, High temperature, Gas-tight, Earth quake safe, Shock proof etc.



JET FANS

With the standard Jet Fans thrust from 35 N up to 2500 N is available. Higher values are possible on request. With different length for the silencers, nearly every required sound pressure level can be reached. With the special developed impellers (cast in steel-bolts, etc.) very high tip speeds and very high temperatures are possible.

Inlet size	315 to 1800 mm (bigger sizes on request)
Casing	4 – 10 mm thickness with Mild Steel or Stainless Steel
Impeller types	N, M, NR, MR (adjustable pitch) & Cast Aluminium or Steel materials.
Design	Uni & Bi directional with & without Silencers
Silencer Material	Steel (Perforated Sheet: Stainless Steel), Stainless Steel or GI Sheet



WITT INDIA
World Class Axial, Radial & Jet Fans

Joint venture with WITT & SOHN AG, GERMANY

WITT&SOHN
IGW Ventilatoren

Bend it like a banana

BANANA JET FANS

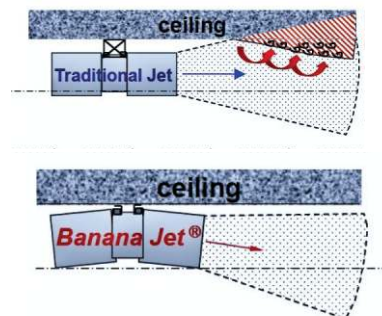
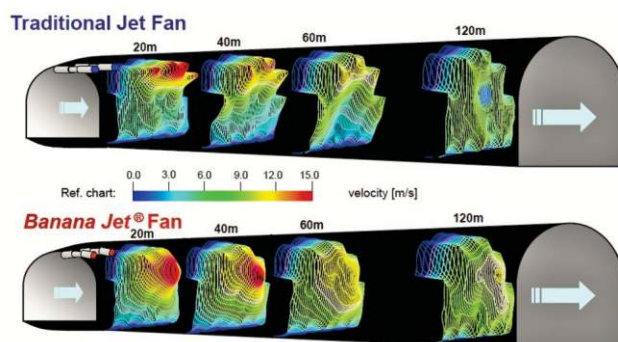
The *Banana Jet*® combines reliable Jet Fan technology with new ideas. Components which earlier limited the transformation of the Fan's thrust have been improved markedly. The *Banana Jet*® improves the flow and the air velocity profile in the tunnel by its unique design.



- ✿ It distributes the flow more uniformly by focusing the impulse towards the middle of the tunnel.
- ✿ Reduces the losses by 25 to 35% in critical friction areas.
- ✿ Reduced investment costs by reduced number of fans.
- ✿ Reduced 25 to 40% installation and cabling costs.
- ✿ Reduced maintenance costs and Lower sound levels (low power consumption).
- ✿ Banana Jet® generates 20-50% more effective thrust than a regular jet fan of the same size.
- ✿ Ability to increase the volume flow rate in old tunnels by 10 – 20 %, without changing the cabling and power supply.
- ✿ Achieves reversibility upto 100%.

A good idea needs good protection. For this reason the Banana Jet® principle has been patented!

More efficiency means more savings



WITT INDIA
World Class Axial, Radial & Jet Fans

Joint venture with WITT & SOHN AG, GERMANY

WITT & SOHN
IGW Ventilatoren

STANDARD ACCESSORIES & SERVICES

Along with Spares for Fans (Impeller, Shaft, Bearings, Couplings, Pulleys, Belts, Hardware) we also provide accessories for all kinds of Fan. Standard accessories for fans are

Sensors	Actuators	Protective Grills	Jet Cows
Silencers	Cables	Bell-mouths	Inlet Cones
Monitoring Instruments	Vibration attenuators	Flexible connections	Electrical panels
Dampers	Ducting	Insulation	Louvres

Along with the high standard manufacturing facilities WITT INDIA provides after supply services like Erection, Commissioning, Maintenance, Case Study, Retrofits/Upgrading of Fans, Vibration Analysis, Field Balancing as well. We handle Turnkey projects regarding Basement and Tunnel Ventilation systems. We do offer AMC services also. Our highly experienced service team is capable to handle all Fans of other makes also.

TOTAL QUALITY PRODUCT

Beginning a supply relationship is just a one-off event but maintaining the same for decades is not a normal task. Fans manufactured by WITT INDIA with high standards, reliability and the quality we maintain, helps us in achieving repeat orders and customers often come back to us. From our past experiences we know that rather than price most of our customers look for product quality with updated technology and long service life. A Fan data sheet is automatically produced for any customer along with offer with detailed specifications.

CNC BASED MANUFACTURING

WITT INDIA production facilities are equipped with the latest state-of-the-art machinery. From the parts list the components are produced on computerised numerically controlled (CNC) machines to minimise throughput time and achieve precise tolerances. At all stages of administration and production every piece of information is entered only once and is checked by the customer against the Fan Data Sheet in the order confirmation. On completion of the Fan, a test run and final inspection is carried out.

Before delivery, Witt India ensures that each and every Fan manufactured at our factory undergoes a run test and final inspection.



WITT INDIA
World Class Axial, Radial & Jet Fans

Joint venture with WITT & SOHN AG, GERMANY

WITT & SOHN
IGW Ventilatoren



OUR EXPERTISE



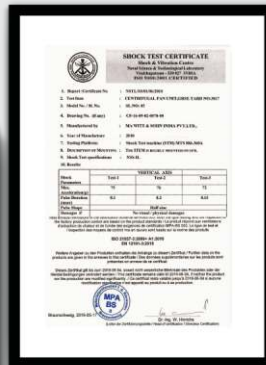
TUNNEL VENTILATION
METRO VENTILATION
BASEMENT VENTILATION

MARINE APPLICATIONS
MINING APPLICATIONS
INDUSTRIAL APPLICATIONS

VEHICLE COOLING
FOOD PROCESSING
CHEMICAL PLANTS

and many more....

CERTIFICATIONS



Manufacturing according to **ISO 9001:2015 & EN 12101-3** certified manufacturing processes. Axial & Jet Fans manufactured at our factory are certified by **MPA Braunschweig** for powered smoke & heat exhaust applications. Axial & Jet Fans manufactured at our factory are Tested & certified by **TÜV SÜD** for powered smoke & heat exhaust applications. Our Fans are approved as per **MIL-STD-1474(D) & MIL-STD-7402(SH)**.

WITT INDIA
World Class Axial, Radial & Jet Fans

Joint venture with **WITT & SOHN AG, GERMANY**

WITT & SOHN
IGW Ventilatoren

TEST FACILITIES & SPECIAL EQUIPMENT

TEST FACILITIES

Axial Fans : ISO 5801, IS 3588, AMCA 210.

Centrifugal Fans : ISO 5801, IS 4894, AMCA 210.

Jet Fans : ISO 13350, AMCA 250.

Laboratory : AMCA accredited laboratory in Germany.



CNC Flange & Bell-mouth Spinning Machine

Fully automated spinning machine to form bell-mouths, flanges, nozzles, cones.

Can handle 3 to 16mm thick Mild & low carbon steels

CNC Plasma high definition Cutting machine

Model: Messar, Germany.

Capacity: Jobs up to 7 Mtrs Length & 20 mm Thk
MS, SS, Aluminium & Special materials



Dynamic Balancing Machine

Model: Abro, Germany.

Capacity: Up to 500Kgs Wt, 100Dia shaft & 2.5 Mtr length

Seam Welding machine

Capacity: Jobs up to 8 thk, 1.6 Mtr Dia & 2.5 Mtr length




Capacity: Up to 8 thk, 800mm Ht, 4 Mtr L

and many more....

WITT INDIA
World Class Axial, Radial & Jet Fans

Joint venture with WITT & SOHN AG, GERMANY

WITT & SOHN
IGW Ventilatoren

WITT GROUP COMPANIES 

MEIDINGER
WITT

LF Ventilation A/S
marine · industri · rådgivning



ALLDAYS PEACOCK
MOVERS OF AIR SINCE 1625



FAN SYSTEMS
WITT

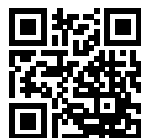
FläktComp
Sweden AB
WITT



design & print : www.medialwagon.in

WITT&SOHN
TCW Ventilatoren

Witt & Sohn AG
Postfach 2262, Wuppermanstraße
6-10, D-25421 Pinneberg, Germany
Tel: +49 (41 01) 7007-0
Fax: + (41 01) 7007-30
E-mail: info@wittfan.de
Website : www.wittfan.de



WITT INDIA
World Class Axial, Radial & Jet Fans

WITT INDIA Pvt Ltd
No 115 & 116, Indrakaran,
Kandi (M), Sangareddy (D),
Hyderabad — 502329,
Telangana, India.
E-mail: info@wittindia.com
Website: www.wittindia.com