



BOLDROCCHI

ESTABLISHED IN 1909

Boldrocchi India

Fans and Blowers • Air Pollution Control

WORLDWIDE ENGINEERING & PRODUCTION EXCELLENCE

Worldwide Engineering & Production Excellence

The joint venture Company Boldrocchi India has been set in 2005 by joining Boldrocchi Company know-how with Indian partners expertise in the fan business. In 2007 the Company became operational in the production of industrial fans with its own factory of 8.000 square meters and offices in Delhi, Mumbai and Kolkata. In 2010 Boldrocchi India set up an office in Pune to supply air pollution control systems for industry.

HIGHLY ENGINEERED TAILORED PRODUCTS FOR PROCESS AND INDUSTRIAL APPLICATIONS



Boldrocchi manufactures since year 1909:

- **Centrifugal Fans and Blowers**, up to 9000kw
- **Axial Fans**
- **Air Cooled Heat Exchangers**
- **Electrical Machine Cooling Equipment** with bare and finned tubes, single or double wall tubes
- **Heavy Duty Silencers and Enclosures**
- **Air Intake and Silenced Exhaust Systems for Gas Turbines**
- **Diverter Dampers**
- **Air Pollution Control Plants**
- **Pulse Jet and Reverse Air Cleaned Fabric Filters**



The Company offer products and services suited for heavy duty and/or special purpose industrial applications. **Our products are custom engineered and manufactured to fit our customer's specific needs.**

HEAVY DUTY AND PROCESS FANS

With an experience of more than 100 years, Boldrocchi has developed a complete series of process fans for all the possible applications in heavy duty and process industries. For every application, Boldrocchi fans will be tailor made designed in different types, sizes and arrangements, according to the flow process conditions, dust load, plant layout, in order to meet all Customer requirements and to ensure the best performances and the lowest operating costs.



Welding Operation

Machining Operation

Spinning Operation

Site Assembly

AIR POLLUTION CONTROL

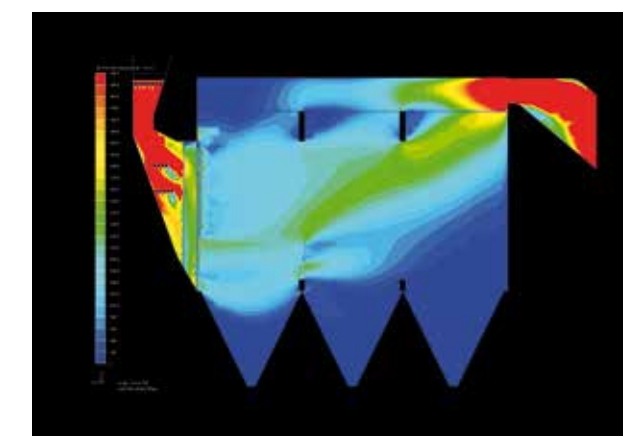
With experience gained in the course of its centuries-old history, Boldrocchi proposes itself as interlocutor prepared for the delivery of comprehensive solutions for the control of emissions in the industries. The portfolio of solutions that Boldrocchi is able to offer starts from the simple delivery of individual machines, up to the realization of complex turnkey plants. All the equipment are tailor made designed in order to achieve the best performances.

ENGINEERING DEPARTMENT

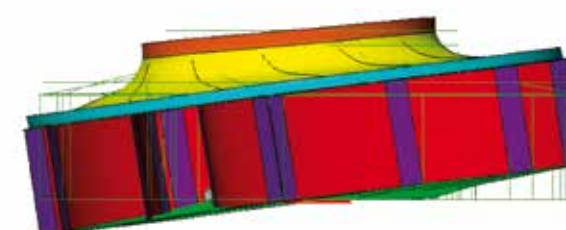
PRODUCT DEVELOPMENT

Boldrocchi develops its product using following methodology:

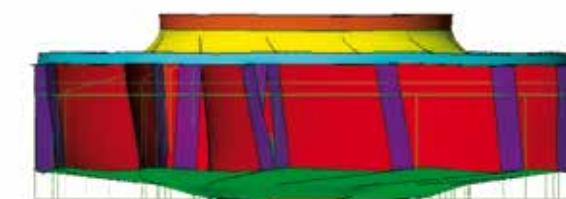
- Aerodynamic performances through **proven series**, result of more than 85.000 successful installations worldwide and continuous R&D
- Material selection by use of state of the art software; **finite element analysis, frequency analysis and CFD** and more than 100 years of experience
- Manufacturing using latest techniques; rolled and profiled inlet cone and shroud using spinning operation, machining of the impeller to limit axial & radial play, integral hub shaft forging, qualified welding procedures and welders, etc and strict quality control
- Verification of the performances in the shop and/or site as per contractual agreement with customer



CFD Simulation



First & Second Vibration Mode



Third Vibration Mode

STEEL



COOLING AIR FAN HOOD EXHAUST FAN



WINDBOX EXHAUST FAN DAMPERS FOR PELLET PLANT



RECUPERATION FAN ROTOR SINTER PLANT EXHAUSTER



HOT COMBUSTION AIR FAN EAF EXHAUSTER

POWER



FD FAN



PA FAN



ID FAN



SEAL AIR FAN

CEMENT



ESP TO BAG FILTER KILN ID FAN



KILN FILTER FAN KILN BAGHOUSE FAN



COOLER FILTER FAN COOLER FANS



RAW MILL FAN RAW MILL FAN

Boldrocchi India



CHENNAI FACTORY

- Chennai Factory Total Area: 8000 sqm
- Workshop: 5000 sqm
- Offices: 800 sqm
- Warehouse: 500 sqm
- Annual Capacity: 2000 ton

SHOP PRODUCTION FACILITIES

- Dynamic Balancing Machine (up to 36 ton)
- Testing Facilities (up to 2800 kW)
- Vertical Lathe
- 8 Meters Long Turning Lathe
- Welding Positioner
- Welding Tables
- Spinning Machine
- 4 Roll NC Rolling Machine
- NC Shearing M/c



FERTILIZER



AMMONIA FD FAN



ID FAN WITH STEAM TURBINE



FLUE GAS FAN



AMMONIA ID FAN

OIL AND GAS



HYDROGEN ID FAN



AIR INTAKE



HYDROGEN ID FAN



HEATER FD FAN



ETHYLENE FURNACE ID FAN



MAIN BLOWER H2SO4 PLANT



METHONAL ID FAN



INCINERATOR FAN



BOLDROCCHI

ESTABLISHED IN 1909

BOLDROCCHI GROUP HEADQUARTERS & SALES OFFICES

FANS & BLOWERS DIVISION

Centrifugal Blowers & Heavy duty Fans

T. +39 039 2202.1 / 617515
F. +39 039 2754200 / 6014451
E-mail: di.vincenzo@boldrocchi.eu

HEAT EXCHANGE DIVISION

T. +39 039 2202.1
F. +39 039 2754200

Air Coolers

E-mail: ciceri@boldrocchi.eu

Electrical Machine Cooling

E-mail: ruffolo@boldrocchi.eu

Motors & Generators

E-mail: vertemati@boldrocchi.eu

ECOLOGIA DIVISION

Air Pollution Control

T. +39 039 2202300
F. +39 039 2754188
E-mail: maiocchi@boldrocchi.eu

AEROTO DIVISION

Industrial Noise Protection

T. +39 039 2202700
F. +39 039 2753498
E-mail: barbieri@boldrocchi.eu

DAMPERS DIVISION

Heavy duty Dampers

T. +39 039 2202700
F. +39 039 2753498
E-mail: barbieri@boldrocchi.eu

BOLDROCCHI T.E.

Cooling Towers

T. +39 039 4980020
F. +39 039 2324676
E-mail: btetorri@btetorri.com

EM&S

Equipment, Maintenance & Service

T. +39 039 2202.1 / 328 8672772
F. +39 039 2754200
E-mail: info@em-service.it

BOLDROCCHI INDIA

FACTORY

Chennai

E-mail: india@boldrocchi.in

FANS DIVISION SALES OFFICE

Gurgaon • Mumbai • Kolkata

E-mail: nokesh@boldrocchi.in

FILTERS DIVISION SALES OFFICE

Pune

E-mail: rath@boldrocchi.in
E-mail: nokesh@boldrocchi.in



GROUP HEADQUARTER

Viale Trento e Trieste 93 • 20853 Biassono (MB) • Italy

T. +39 039 2202.1 • F. +39 039 2754200

E-mail: boldrocchi@boldrocchi.eu • www.boldrocchi.eu