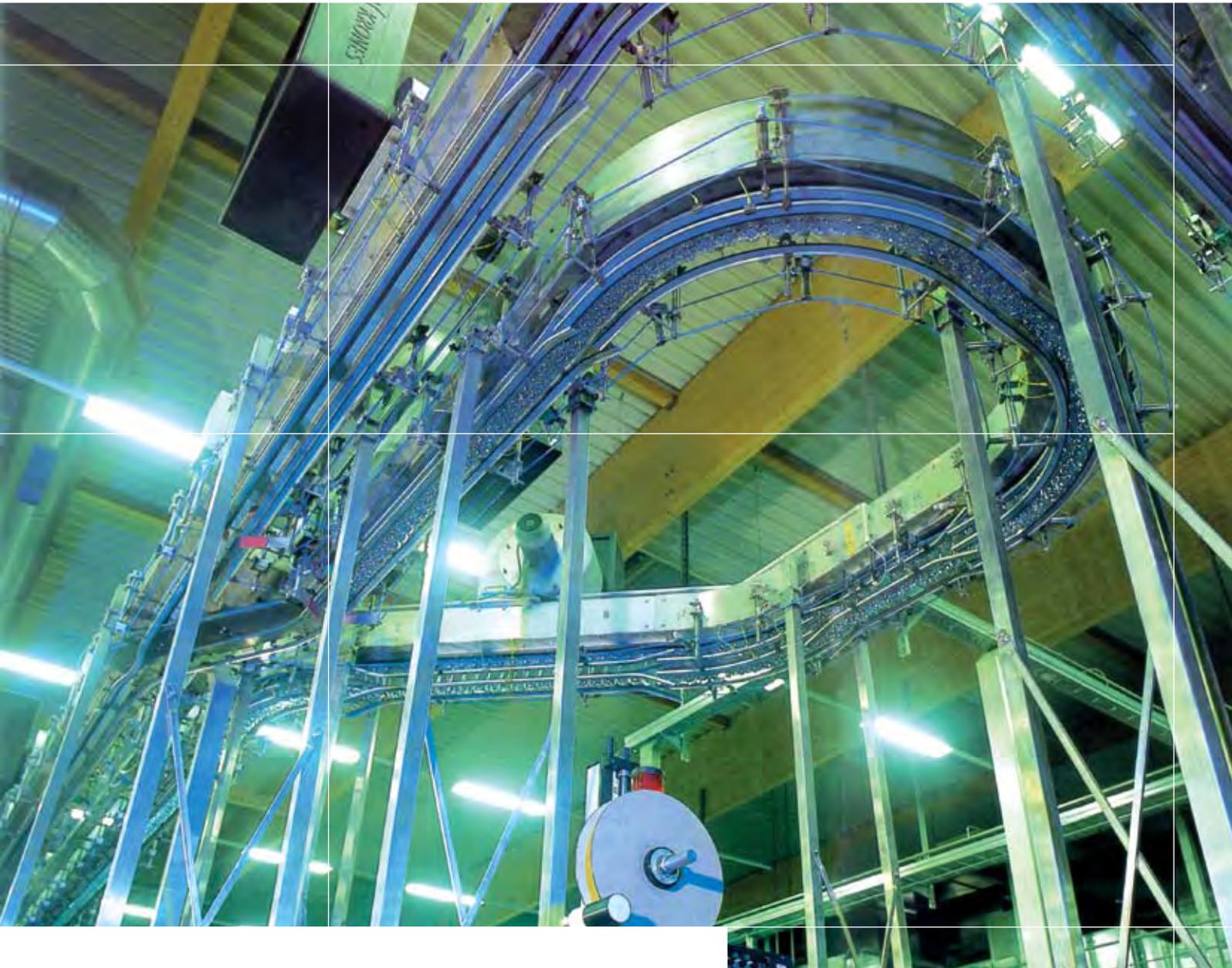


Industrijski ventilatori Ventilateurs de process



GebhardtVentilatoren

The first objective, when operating machinery, is to earn money with it. The constituting elements of an installation determine the operational value of the complete unit.

Process fans are core components in production lines and have to cope to highest demands as far as reliability and cost efficiency is concerned. The business unit process fans has specialised in these requirements and is permanently finding new customers who are aware of the chance to receive competent advice in this respect.

Experts in design and technical sales consider the fan and its performances in connection with the requirements of the customer. Their solutions supply substantial extra value because of a step by step approach in cooperation with the customer's engineers. The further Gebhardt-abilities: prototyping, testing in the laboratory, one-piece-flow production, sharing of productivity gains ... make GebhardtVentilatoren a high value partner to every machine manufacturer.

Some reference branches

- food processing industry
- printing and paper technology
- textile machinery
- thermal process and waste treatment plants
- dust removal technology
- surface treatment
- power plants
- building machinery
- rubber and plastic machines

PLT – kompakt | Catalogue P2M
robust, compact, flexible
150 basic types, many variations

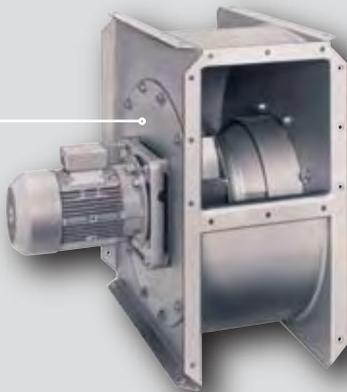
- for flow rates up to 45.000 m³/h
- pressure increase up to 11.000 Pa
- galvanised steel, painted; stainless steel 1.4541
- up to 300°C permanently
- various sealing systems
- ATEX category 3 and 2
- matching accessories
- sound insulation

PLT – standard | Catalogue P4
The standard fan range with the largest number of options

- for flow rates up to 120.000 m³/h
- pressure increase up to 14.000 Pa
- galvanised steel; stainless steel 1.4541 or 1.4571
- up to 300°C permanently
- various sealing systems
- ATEX category 3 and 2
- matching accessories
- sound insulation

Gas tight fans
Product group P7
for highest requirements
protection

- for flow rates up to 40.000 m³/h
- pressure increase up to 15.000 Pa
- galvanised steel, painted or others
- up to 300°C permanently
- gas tight
- ATEX category 3 and 2
- matching accessories
- sound insulation



- Direct drive
- direktan pogon

P2M

kompakt



- Direct drive
- Belt drive
- Flexible coupling
- direktan pogon
- kaišni prenos
- fleksibilno kuplovanje

P4

standard



PLT – kompakt | Katalog P2M
robustan, kompaktni, fleksibilan
150 osnovnih tipova, mnogobrojne varijante

- za protoke do 45 000 m³/h
- napor do 11 000 Pa
- pocinkovani čelik, obojen, nerđajući čelik 1.4541
- radna temperatura do 300°C
- različiti sistemi zaptivanja
- ATEX kategorije 3 i 2
- dodatna oprema
- zvučna izolacija

PLT – standard | Katalog P4
Širok asortiman standardnih ventilatora sa velikim brojem opcija

- za protoke do 120 000 m³/h
- napor do 14 000 Pa
- pocinkovani čelik, nerđajući čelik 1.4541 ili 1.4571
- radna temperatura do 300°C
- različiti sistemi zaptivanja
- ATEX kategorije 3 i 2
- dodatna oprema
- zvučna izolacija

Gasno nepropusni ventilatori
Proizvodna grupa P7
za najstrože zahteve u pogledu zaštite

- za protoke do 40 000 m³/h
- napor do 15 000 Pa
- pocinkovani čelik, obojeni, nerđajući čelik 1.4571 ili drugi
- radna temperatura do 300°C
- nepropusni za gas
- ATEX kategorije 3 i 2
- dodatna oprema
- zvučna izolacija

Osnovni cilj rada industrijskih postrojenja je ostvarivanje profita. Sastavni delovi instalacija određuju radne karakteristike kompletnog postrojenja.

Industrijski ventilatori predstavljaju ključne elemente proizvodnih linija i treba da odgovore najvišim zahtevima u pogledu pouzdanosti i efikasnosti u radu. Odeljenje industrijske ventilacije specijalizovano je da odgovori ovim zahtevima, čime se stvaraju uslovi za permanentno sticanje novih kupaca, koji znaju da će uvek moći da dobiju odgovarajući savet.

Stručnjaci za projektovanje i tehničku podršku biraju ventilatore i njihove karakteristike u skladu sa zahtevima kupaca.

Njihova rešenja omogućavaju stvaranje dodatne vrednosti, zahvaljujući postupnom pristupu problemu, u saradnji sa predstavnicima investitora.

Pored ostalog, Gebhardt se bavi i; izradom prototipova, laboratorijskim ispitivanjima, izradom nestandardnih proizvoda, razmenom proizvodnih dostignuća sa klijentom ... što sve čini da Gebhardt Ventilatoren predstavlja pouzdanog partnera svakom proizvođaču mašina i industrijskih postrojenja.

Neke referentne industrijske grane u kojima se primenjuju:

- prehrambena industrija
- štamparije i industrija papira
- mašine za tekstilnu industriju
- termički procesi i postrojenja za preradu otpada
- tehnologija otprašivanja
- površinska obrada
- energetska postrojenja
- građevinska mehanizacija
- industrija gume i plastike



fan|tastic solutions

nts in tightness and corrosion

0.000 m³/h
to 15.000 Pa
ated; stainless steel 1.4541, 1.571

ently

2

5

PLT – inpac | Catalogue Q2M
Plug fan, up to 500°C
with IEC motor, 150 basic types, many variations

- for flow rates up to 90.000 m³/h
- pressure increase up to 5.000 Pa
- galvanised steel, painted; stainless steel 1.4541
- up to 500°C permanently
- Thermolock insulation
- available with flat plate (w/o thermal insulation)
- variable dimensions
- ATEX category 3 and 2

Individual solutions

Product group P9
customised fans for machinery systems for series production

- for flow rates up to 120.000 m³/h
- pressure increase up to 15.000 Pa
- individual choice of material
- up to 500°C permanently
- ATEX category 3 and 2
- equipment and accessories acc. to customers requirements
- cost advantages to standard fans
- easy fitting
- highest reliability
- reduced operational cost
- clear edge for our customers

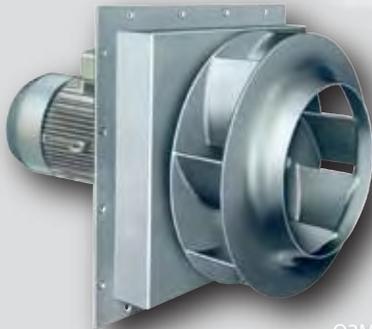
- Belt drive
- Flexible coupling
- kaišni pogon
- fleksibilno kuplovanje



P7

tight

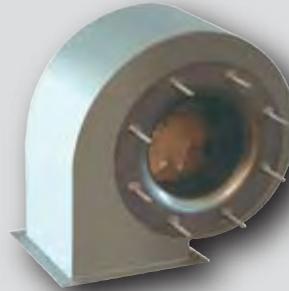
- Direct drive
- direktni pogon



Q2M

inpac

- Any possible drive
- sve vrste pogona



P9

individual

ventilatori

gledu zaptivenosti i zaštite od korozije

m³/h

ojen, nerđajući čelik 1.4541,

o 300°C

PLT – inpac | Katalog Q2M
Ventilator bez kućišta, do 500°C
sa IEC motorom, 150 osnovnih tipova, mnogobrojne varijante

- za protoke do 90 000 m³/h
- napor do 5 000 Pa
- pocinkovani čelik, obojen; nerđajući čelik 1.4541
- radna temperatura do 500°C
- termička izolacija Thermolock
- na raspolaganju sa ravnom pločom (bez termičke izolacije)
- različite dimenzije
- ATEX kategorije 3 i 2

Individualna rešenja

Grupa proizvoda P9
ventilatori prilagođeni sistemima za serijsku proizvodnju

- za protoke do 120 000 m³/h
- napor do 15 000 Pa
- mogućnost izbora materijala
- radna temperatura do 500°C,
- ATEX kategorije 3 i 2
- dodatna oprema prema zahtevima kupca
- ekonomičniji u odnosu na standardne ventilatore
- laka montaža
- visoka pouzdanost
- smanjeni pogonski troškovi
- povećana konkurentnost za naše klijente

GebhardtVentilatoren

App. 350 Employees, production sites at Waldenburg, Netzschkau, (Saxony), Malaysia, more than 30 representatives outside Germany

Oko 350 zaposlenih, proizvodni pogoni u Waldenburgu, Netzschkau, (Saksonija), Maleziji, preko 30 predstavništava van Nemačke.



Gebhardt Waldenburg

“One face to the customer”

“Komunikacija s kupcem preko samo jedne osobe”

For all discussions on different levels between us and the customer (purchase, engineering, R&D, sales, assembly) only one Gebhardt person is finally responsible and coordinates all Gebhardt activities according to the customers interest.

Za sve kontakte, na svim nivoima, između nas i kupca (nabavka, inženjering, istraživanje i razvoj, prodaja, montaža) odgovorna je samo jedan osoba, koja koordinira sve aktivnosti u Gebhardtu, u skladu sa potrebama kupca.

The activities

Process Air Fans
Solutions for manufacturer of machines and installations for production and environmental purposes.

Centrifugal fans
Specialised for manufacturers of AHU and HEVAC installations

Roof extract fans
Roof fans, Smoke extract fans and domestic ventilation systems

Systems and Projects
Fan systems for clean-rooms, ventilation in vehicles, car wash and further projects.

Delatnosti

Industrijski ventilatori
Rešenja za proizvođače mašina i proizvodnih postrojenja, kao i postrojenja za zaštitu životne sredine.

Centrifugalni ventilatori
Namenjeni posebno proizvođačima klimakomora i KGH instalacija.

Krovni odsisni ventilatori
Krovni ventilatori, ventilatori za odimljavanje i ventilacioni sistemi za domaćinstva

Sistemi ventilacije
Sistemi za ventilaciju čistih soba, vozila, perionica automobila i druge primene.

In our focus: Customers satisfaction

Time
Rapidity is all our actions

Quality
Zero fault is our guideline

Cost
Cost effective solutions for successful operating customers

Naš glavni cilj: zadovoljiti klijenta

Rok
Brzina delovanja u svim našim aktivnostima

Kvalitet
Naš cilj su proizvodi bez greške

Troškovi
Eksploataciono efikasna rešenja na zadovoljstvo naših kupaca.

Core competences

- Aerodynamics
- Acoustics
- Motors and drives
- Control systems

Osnovne prednosti

- Aerodinamika
- Akustika
- Motori i pogon
- Sistemi upravljanja i regulisanja

GebhardtVentilatoren GmbH & Co. KG

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