

LET YOUR ORIGINAL STAY ORIGINAL

TIETJEN SERVICE AND SPARE PARTS

TIETJEN
— DAS ORIGINAL —

TIETJEN – QUALITY

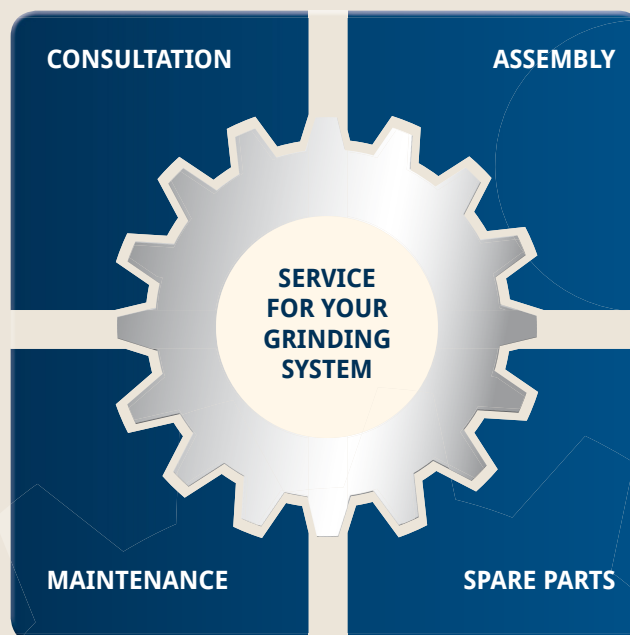
YOUR PARTNER – FLEXIBLE AND RELIABLE.



The partnership with our customers is very important to us. We know that each customer has different objectives and requirements. We will be happy to support you. Regardless of whether you need a little information or advice, order a few screws or an annual wear parts set, an inspection or a complete assembly – we are at your service for any needs, any time.

Our highly experienced and dynamic team forms the essential basis of our service quality. Because we know each of our 2,000 systems in detail, we can help you quickly and efficiently. The team's motivation and competence ensure maximum flexibility in handling both small and large tasks.

We look forward to your challenge.



TIETJEN – SPARE PARTS SERVICE

AT THE RIGHT TIME AT THE RIGHT PLACE.

LONG DISTANCE

Tietjen genuine spare parts ensure a reliable operation and a long life for your grinding system.

SPRINT

An essential part of our service is supplying our customers with spare and wear parts. Our extensive central warehouse directly at our location allows us to deliver within the shortest time – in an emergency the same day or within 48 hours if possible. We ship worldwide with reliable freight forwarders and selected courier services. Also stock and provide spare parts for certain third-party products.

MARATHON

Because of the longevity and robustness of our installations, we guarantee a secure spare parts supply even after 20 years of operation.

POINT LANDING

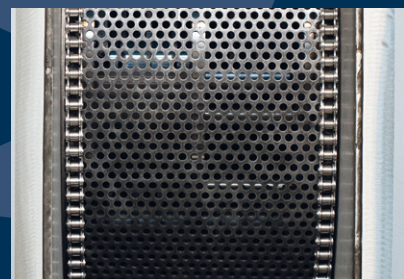
Through the experience of our employees and our always up to date system management, we ensure that you are always offered the right parts. By accurate and conscientious handling you get exactly what you need.

PERFORMANCE TRAINING

When there are technical improvements and innovations in our spare parts and wear parts, we check whether these will fit into your system to improve or optimize the performance. Of course, we inform you if this is the case.

HANDOVER

Do you have a central goods receiving department? No problem. We can integrate into your system. According to your wishes, all parts leave our warehouse with detailed labeling. This allows you a fast and accurate goods receipt and with accurate assigning and conveying of the parts to the right place.



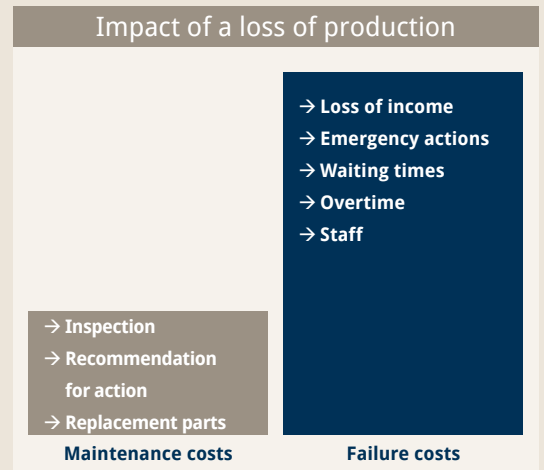
TIETJEN – MAINTENANCE CONCEPTS

FOR UNPLANNED FAILURES WE PLAN.

To avoid downtime, you should have a regular inspection of your system. Unforeseen damage causes unplanned production stops. They are not only expensive, due to sales and earnings losses, but also with dissatisfied customers. Preventive maintenance protects you from this direct and indirect damage.

The costs and loss of income from an unscheduled failure go quickly into the tens of thousands of Euros per day. With an annual maintenance fee starting at € 1,000, you can minimize the risk of such unforeseen failures.

Furthermore, according to local law and policies you must, as the operator, conduct a safety check of your facilities every three years. Our experts can do this reliably and competently.



CONCEPT 1: ONETIME INSPECTION

- Inspection of the system
- Qualified report
- Recommendations for action
- Implementation



CONCEPT 2: IMMEDIATE MAINTENANCE

- Combined inspection and maintenance
- Provision of spare parts
- Replacement of parts, if required



CONCEPT 3: ROLLING INSPECTION

- Inspection at fixed intervals
- Regular scheduled maintenance



YOUR DECISION

We are happy to arrange an individual maintenance contract according to your plant specifications. This offers you not only a cost advantage compared with the single application maintenance measures. Also, the maintenance contract provides a maximum of comfort and safety, because we plan the necessary maintenance intervals, keep the dates in mind and ensure the smooth operation of your system.

TIETJEN - SERVICE PREPAREDNESS

LOSSES - LET'S LOSE THEM.

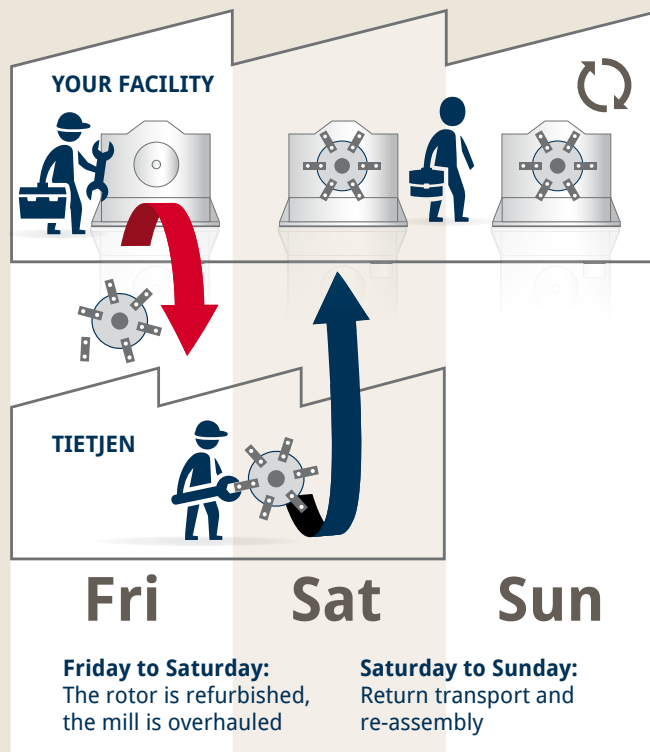
After operating for many years and in daily operation, it is very difficult to identify creeping wear. Our experienced service technicians and engineers take a close look at your system and create a qualified report with precise recommendations.

Even the highest-quality grinding system has to be overhauled - but downtimes should be as short as possible. Our flexible service team also works on weekends or overnight. Together with you we will find an individual solution with minimal impact on your production process.



Example of rotor change

Friday:
After production stops the rotor is removed and sent to our factory.



From Monday, your production is running again as normal.

REPAIRING HIGH-QUALITY SPARE PARTS

We are also pleased to offer you the overhaul of the rotor and the beater frame systems of your grinder in our workshop. After precise check, definition and implementation approval for the actions, you receive the refurbished parts back as new.

Take advantage of a close collaboration with us to make your system as economical in operation as possible and gain and secure a competitive advantage.

TIETJEN – SYSTEM OPTIMIZATION

EVERYTHING BETTER INSTEAD OF EVERYTHING NEW.

Increased competitiveness often only comes through lower costs and/or achieving higher quality. We can influence both factors by working together with you to optimize your system. Either considering energy efficiency or process engineering optimization, we find improved approaches and solutions in mechanical, electrical, or control areas of your plant.

EXAMPLE:

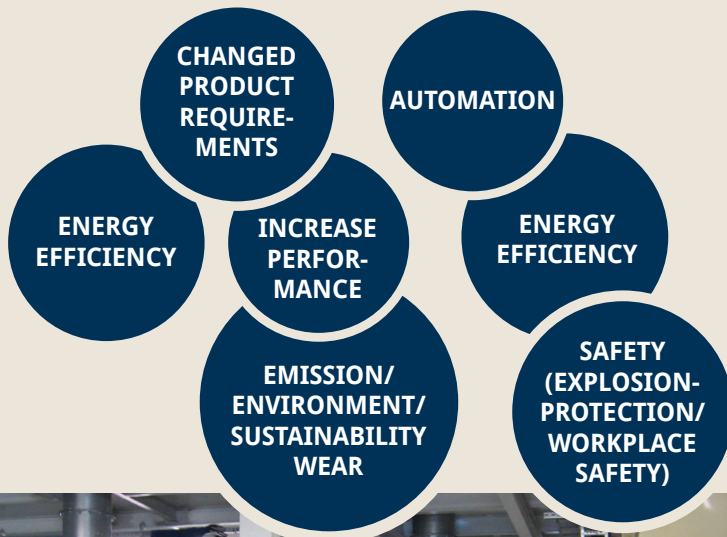
A new IE III Motor is about 5% more efficient than an IE I Motor. At 7,000 annual operating hours, an exchange is therefore already set in the second year. Let's look at this together to see whether this applies to you.

Have the requirements for your grinding system changed with the years? Higher degrees of fineness or defined grist spectrum, changed quality of the raw materials, or just higher capacity requirements? If yes, does a new system worth? Optimizing your existing system can be quite a cost-effective alternative! By working together we provide an individual solution for the new requirements, to get the maximum from your system.

OUR APPROACH:

- Discussion and definition of the new requirements
- Analysis of mechanical and electrical weak points
- Identification of potential process optimization such as cycle times and route optimization
- Aspiration and pressure conditions in the system
- Control technology potentials
- Development of an action plan to achieve the goals

Our many years of experience in process engineering, our experience with other industries and our interdisciplinary perspective and competent project management allow the creation of more accurate Individual solutions.



TIETJEN – ATEX CONSULTING

CONTROLLED SAFETY.

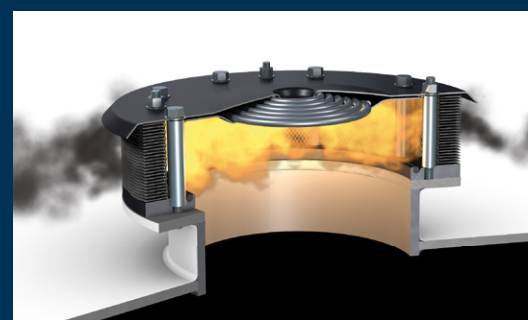
It is through our own research and development of pressure relief systems, that grinding systems are safer today. All of our machines and equipment are explosion proof and flame resistant and designed for reduced explosive overpressure of at least 0.4 bar. Tietjen safety technology fulfills the necessary safety requirements and is delivered with EC-Declaration of Conformity according to ATEX Directive 2014/34/EU.

Today, legislators and insurance companies are increasingly demanding a clearly structured and clearly documented explosion protection concept. According to local laws and policies, devices and protective systems, as well as safety, control and regulation devices, which have a safety function, must be checked within 3 years, by a qualified person or specialist company. We stand at your side from the beginning with advice and action:

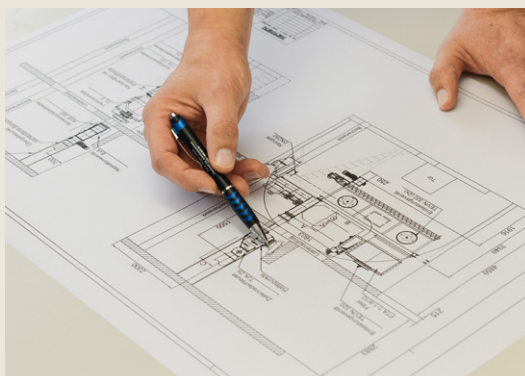
- Inspection and analysis of your system
- Classification of your entire facility in zones
- Joint development of your concept
- Preparation of the required documents
- Negotiation with the competent authorities

Protocols and work instructions, developed together with partners, help us and you with the competent preparation of documentation for the authorities or internal departments.

Through periodic inspections and maintenance of the safety devices we ensure that they permanently function.



The TIETJEN relief Valve E-VENT opens in case of overpressure, protecting bins and simultaneously avoids a flame outlet.



TRAINING AND SUPPORT AT SITE

Because we know how the daily business looks and what your employees need on the ground, we provide practical training.

Our trainers are engineers who know every facility in detail. The training will be carried out at your facility, on your premises and are exactly tailored to your specific circumstances and requirements. We are happy to create for you an individual, concrete offer.



The Grinding People

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— DAS ORIGINAL —

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