



Crushing solutions
Made in Germany



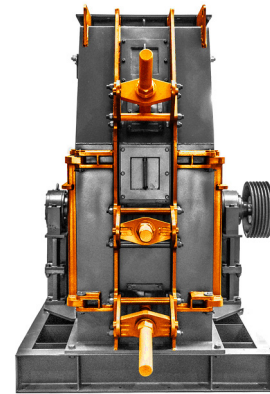
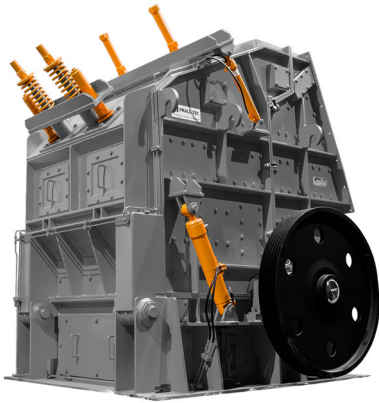
Prall-Tec GmbH, Lengerich

Crushing solutions – Made in Germany

Prall-Tec GmbH, with its headquarters in 49525 Lengerich (Westfalen, Germany), was founded in May 2007 by Ralf Teepe, who has more than 35 years of experience in the construction of recycling machines. In 2010 his son Frederik Teepe also joined the company. This knowledge combined with new innovations is today reflected in the machines of the Prall-Tec GmbH. Core business of the company is the construction of new crushers, various components in recycling up to complete recycling plants and repair of that equipment like impact crushers and hammermills, jaw crushers and shredders, as well as the production and trade of wear and spare parts, for Prall-Tec machines as well as other OEM machines.

Thereby it is not the size of the company that determines today's business life, but rather the knowledge and experience of successful crushers and plant construction that make the difference. With the tireless innovative impulse of the two managers Ralf and Frederik Teepe a convincing, technical application and procedural knowledge has been established, which today is available for all our clients without any restrictions. All machines are individually planned together with our customers, constructed by Prall-Tec engineers and subsequently produced in our own manufacturing facility in Lengerich, Germany.

Products



All Prall-Tec crushers and machines are featured with:

Reinforced crusher housings with good accessibility, heavy duty and special steel rotors including full steel bearing housings including a well engineered and wear optimized crusher and rotor design for an optimal daily use in various applications.

PT Impact crusher

Primary impact crusher for natural stone, concrete, construction waste, slag, asphalt and other minerals and materials.

- performance up to 450 t/h
- feed size up to 1000 mm
- large crusher volume for high production and safety of foreign materials
- use of grinding bars possible without subsequent housing changes

PTKS Impact crusher

Secondary impact crusher for the production of chippings and sand, as well as glass and other minerals.

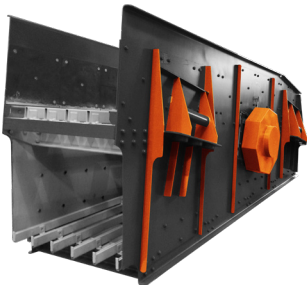
- performance up to 200 t/h
- reversible operation
- maintenance friendly with wing doors on both sides
- wear cost reduction through the use of standardised chrome and Ceramic wear parts



Hopper and discharge feeders

For hopper and bunker installations, complete recycling plants, material discharge instead of a conveyor belt or as delivery to a screening machine

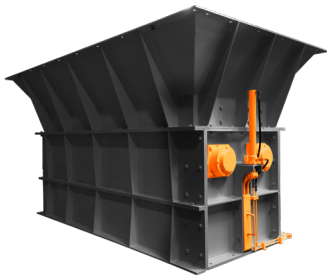
- client specific design and adjustments
- for existing machines as redesign and exchange
- wear resistant lining as standard equipment
- special steel side plates



Stationary screens

A primary screen, heavy duty screens or a 6m long 3 deck screen for sand and chippings. As a single screen or the complete screening plant with integrated conveyor belts and steel construction. We implement your wishes and ideas related to material specifications.

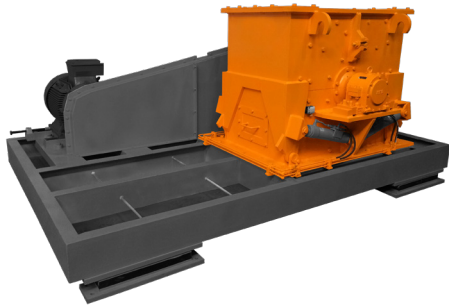
- single or multideck screens
- preparation for all commercially available screen linings
- drive type according to client's wishes



Shredders

Primary crushing of bottles, laminated and at glass or other large volume products for subsequent processing and separation of individual components of the feed material.

- crushing of PVB laminated glass, safety glass and armoured glass
- material feeder and primary crusher in one machine
- 2 or 4 shaft shredder

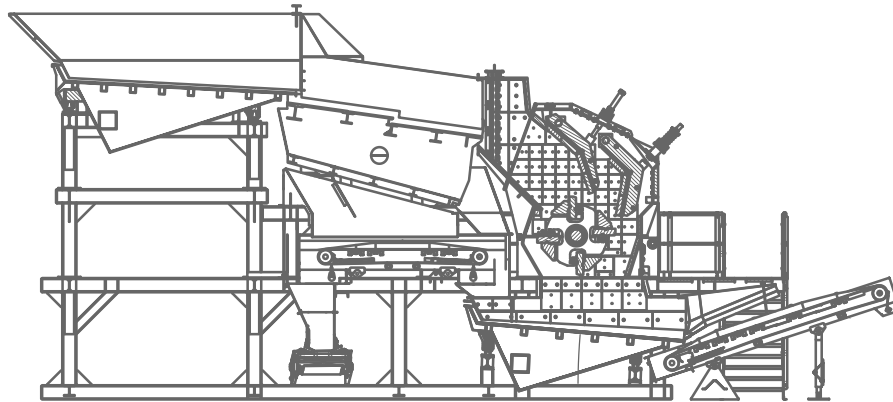


Hammer mills

Different versions of hammer mills for fine crushing of minerals or recycling of waste and metal.

- performance up to 80 t/h
- 1 or 2 rotor hammer mills
- Various sieves and hammers for different applications

Plant construction



You want to build a recycling or crushing plant according to your ideas and you are looking for a competent partner to accommodate your wishes? Concerning construction waste, natural stone, recycling, metals or glass, we are the right partner for you and your ideas!

- design, construction and realisation individually tailored for you and your products
- from material feed hopper through different crushers and shredders to the screens and conveyors
 - a reliable, robust and powerful system with components matched to each other
 - engineering, production and installation from one source made in Germany



Construction and development

From rotors to complete recycling plants, we develop and produce all our machines and plants ourselves, whereas we place great value in the wishes and ideas of our clients and include them in the design process. Cooperating closely with our customers, we created a specific solution for the existing conditions and materials.

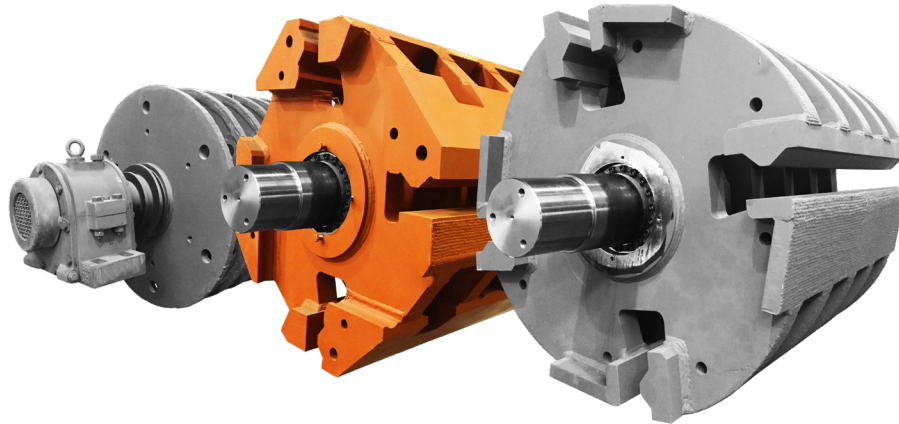
Machine and plant construction

Design, engineering, production and installation from a single source. From material intake to screening, no matter if a production of 5 to 500 tons per hour, quarrying or glass recycling - we will realise your wishes.

Assembly and repair service

The most important thing is a daily material producing machine for all our clients. If suddenly there is a bearing damage of a rotor or a crusher part gets damaged, this repair will have the highest priority for us to restart the machine as soon as possible. Most of the spare parts required for this are permanently in stock to warrant high availability of your machines. A qualified assembly team takes care of the quick replacement or the repair of your components on site.

Rotor construction and repairs



We consider rotor repairs of all manufacturers as one of our core competencies as well as different welding work, hard facing or the exchange of bearings and shafts. However, if there is a damage, which can't be repaired any more – no problem. In such case we have access to more than 250 different rotor types and your damaged rotor can be replaced in original quality without complications or if you want even as a stronger Prall-Tec Version. With more than 100 rotor repairs and new rotos per year, we have the required knowledge and experience to ensure your production is steady and constant or even better than before.

Spare and wear parts

- Rotors
- Rotor shafts
- Bearing units
- Grinding bars and blow bars made of manganese, chromium or martensite steel + ceramic
- Wear plates made of Hardox
- Casting parts and hammers made of chrome and manganese
- Crusher housings, aprons and add-on components
- Adjustment spindles, springs and many more
- Screen meshes in steel, stainless steel and Hardox
- Many more spare and wear parts for all manufacturers

HARDOX®
WEARPARTS



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