



AGRO



Grain Roller Mills

TT150 and TT250



Reliable Grain Roller Mills

Tunetanken Grain Roller Mills are produced to meet the high demands of the modern agriculture, where long life cycle, minimal maintenance and large capacities are needed.

Tunetanken Grain Roller Mill is a reliable machine of the highest quality. The Grain Roller Mill provides a high utilisation of the grain and is built with power transmission on both rollers, allowing the machine to also grind peas, corn and seeds.

An agitator is fitted in the inlet funnel, which prevents chaff and straw, which are too small to be sorted out by the grid, from clogging. Furthermore, the inlet funnel can be delivered with magnets that protect the rollers by sorting out small metal pieces which by mistake may be mixed with the grain.

The inlet funnel, the protection screen and the belt guard are made of fiber-reinforced composite. A unique material that is also used for the production of highly strained products such as wind turbines, ships, aircrafts, bridges, etc.

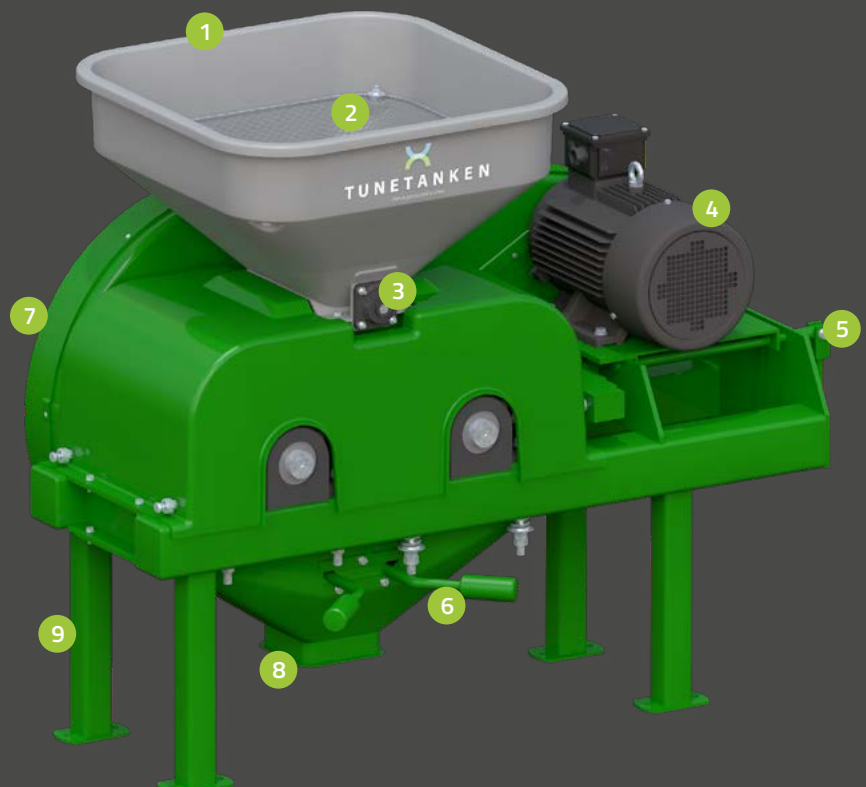


Capacity from 700 to 1,200 kg per hour.

Tunetanken Grain Roller Mills are well thought out with regard to installation, operation, maintenance, life cycle, environment.

Benefits

1. Inlet funnel made of fiber-reinforced composite with smooth inner surfaces for optimal discharge.
2. Grid for sorting out impurities from the grain.
3. Agitator prevents the Grain Roller Mill from needless stopping.
4. Electric motor for TT150: 5,5 kW / 7,5 hp and for TT250: 7,5 kW / 10 hp.
5. Spring load can be adjusted according to material moisture level and the desired grind size.
6. Weight-bearing scrapers prevent grime from accumulating on rollers.
7. Protection screen in fiber-reinforced composite material.
8. Outlet funnel.
9. Solid and stable steel stand.
10. Grain Roller Mill comes in 2 sizes.



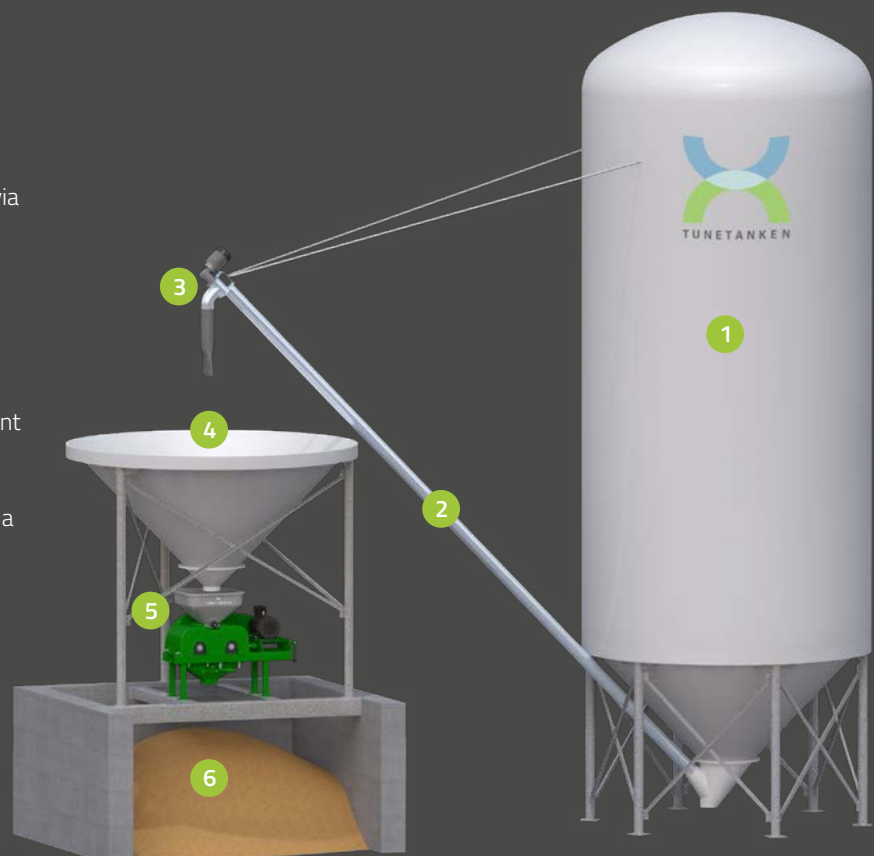


Benefits of Tunetanken Grain Roller Mills

- > Can mill grains, peas, corn and seeds.
- > Long life cycle, minimal maintenance and low operation costs.
- > Healthy feed to the last fiber.
- > Rolling capacity from 700 to 1,200 kg/hour.
- > Inlet funnel, protection screen and belt guard in fiber-reinforced composite material, which ensures strength and long life cycle.
- > The inlet funnel has smooth inner surfaces and shape attuned for optimal discharge.
- > Hygienic and easy to clean surfaces.

System example

1. The grain is stored in an Airtight Grain Silo.
2. From the silo the grain is transported via screw conveyor to a hopper silo.
3. Screw conveyor head is fitted with a shut-off damper, which prevents air from entering the Air Tight Silo.
4. The hopper silo stores a suitable amount of grain, e.g. for 2 day consumption.
5. In the roller mill the grain is crushed to a desired grind size.
6. The feed is done and is ready for use, fresh and nutritious.





Tunetanken

With more than 50 years of experience working with fiber-reinforced composite materials, their unique advantages and a large standard product programme we have developed our market position as the leading Danish manufacturer of storage tanks, industry systems and silos in composite materials.

Tunetanken markets a large and varied programme of products and facilities for various purposes as well as supplies a large range of industries including agriculture, industry, wastewater and water treatment for energy sector. We produce all our solutions in fiber-reinforced composite materials – the same materials that are used in the manufacturing of space shuttles, air planes and wind mills. With benefits as strength, corrosion resistance and long life cycle, composites are among the popular materials of the future.



Agro

Tunetanken offers a broad programme of products, facilities and systems for agriculture. We produce silos, tanks, airtight silos, grain handling systems, hay and grain drying systems, carcass covers, slurry systems, shelters, buildings, irrigation systems, barn inventory et al.

Most of our products are made with the incorporation of fiber-reinforced composite materials, which with their unique properties are extremely suitable for the demanding agricultural environment.

Modern composite materials are materials of the future. The innovative and unmatched technical material properties contribute greatly to the development of new sustainable products and solutions, which are necessary for a sustainable future.



Composit

Composite is derived from the Latin word »componere«.

Composite materials are made by combining two or more materials (physically not chemically), thereby creating a new material with specially intended and superior properties.

Technical properties of composite materials derive from the initial qualities and properties of the combined materials, the combination of the fabrics (matrix, reinforcement, hardener, additives), as well as, the production processes and conditions.

Possibilities are endless!