

CUSTOMER REFERENCE

ROLL CONTAINERS

WITH DURATECH SILENT



TENTE

BETTER MOBILITY. BETTER LIFE.

Porree

enthält die Mineralstoffe Calcium, Kalium und Phosphor.

Kohlrabi

enthält die Mineralstoffe Magnesium, Calcium und Natrium.

enthalten



NOISE GENERATION HALVED – EVEN AT A CONSTANT LOAD CAPACITY

When a supermarket is supplied using roll containers, it can soon become very noisy – but this is not how it should be. After all, intense noise is not only an unpleasant disturbance of the peace, but above a certain level also impacts health. The logistics specialist GEBHARDT therefore relies on our Duratech silent wheels. These wheels combined with their high load capacity are significantly quieter than ordinary wheels – ten decibels quieter, to be precise.

THE STARTING POINT

Developing and producing efficient logistic solutions for trade and industry are the hallmarks of GEBHARDT Logistic Solutions GmbH. The company is successfully managed as a family business in its sixth generation now and can look back on a more than 185-year history engraved with tradition.

GEBHARDT employs around 500 people worldwide at five production sites and has established itself as the market leader in warehousing and transport solutions.

REMIT TO REDUCE EMISSIONS

When it comes to supplying supermarkets, hotels or restaurants, as well as transporting goods in residential areas, roll containers not only have to withstand a lot, they must also be as quiet as possible. No matter whether they are empty or loaded or are moved over uneven ground. Especially when deliveries are made at night and in the early morning hours, the loud noise of containers being wheeled along often leads to complaints. But noise is not only a nuisance, it also has a harmful effect on the health of local residents and employees: Exposure to noise of more than 50 decibels can increase the risk of developing high blood pressure and cardiovascular problems. For GEBHARDT, reducing

noise therefore plays an important role and the company takes a variety of measures to avoid it. Starting with the insulation and suspension of the container's base plate, through the use of stretch film when attaching the goods to be transported and right up to low-noise wheels from us – GEBHARDT's containers need to remain as quiet as possible.

OUR SMART MOBILITY SOLUTION

After comprehensive analysis, we combined our proven sheet steel castors with modern Duratech silent wheels for GEBHARDT. Thanks to these, the noise level of a loaded roll container can be reduced by an impressive ten decibels, which is perceived as halving the volume.

The load carrying capacity, which is identical to that of conventional wheels, remained completely unaffected. The trick behind it: our Duratech silent hybrid wheel. The wheel body and base are made of polyamide, while the core is made of elastic solid rubber. This allows us to combine the advantages of a hard tread with the strengths of a soft wheel. The combination of the two materials results in optimum damping properties and thus significantly reduced noise emission.



This also convinced the customers of the logistics expert. For example, the whole-sale company Transgourmet mentions the low-noise delivery of goods in its sustainability brochure and highlights it as a special quality. However, our cooperation with GEBHARDT focused not only on running noises. Due to our holistic view of the logistics challenges and the Duratech silent wheels, we also scored highly in terms of stability. After all, the specialist for logistic solutions puts its products to the test and simulates real conditions through extensive trials. For example, heavily loaded roll pallets overcome thresholds and obstacles, such as forklift trucks bump into them. The wheels also have to withstand cold and heat, dirt and rainwater, as well as show no signs of weakness even in snow. Our Duratech silent wheels have passed all of these tests.

LONGER DURABILITY AND REDUCED COSTS

The wheel has a service life more than twice that of conventional castors, which are used for an average of only two years. In contrast, the Duratech silent wheel is often used for up to five years.

This saves costs both in purchasing and maintenance and is another decisive reason why GEBHARDT relies on long-term cooperation with our company.



“For more than 30 years, we have been using TENTE’s professional expertise.”

Norbert Götz Purchasing Manager at GEBHARDT





www.tente.com



PRODUCTIVITY



SAFETY



DESIGN



DURABILITY



ENVIRONMENT