

# CUSTOMER REFERENCE PICKING TROLLEYS WITH ALPHA



**TENTE**

BETTER MOBILITY. BETTER LIFE.



# ORDER PICKING – MADE EASY

Our long-term business partner, Gmöhling Transportgeräte GmbH, develops and manufactures a wide range of special trolleys regarding e-commerce fulfilment for order picking. Gmöhling supplies various order picking trolleys with castors from TENTE for the BAUR Group. The BAUR Group belongs to the globally active Otto Group trading and services corporation. With approximately 3,000 employees and an annual turnover of over one billion euros in the financial year of 2021-2022, the BAUR Group has become one of the major players in online retailing. This is why the BAUR Group requires high-quality solutions from its suppliers, which are individually tailored to the needs of the relevant warehouse and its employees.

## THE STARTING POINT

In the distribution warehouse of the BAUR Group in Sonnefeld, Upper Franconia, the pickers collect orders in a fast cycle to ship them to their customers. The BAUR Group puts particular emphasis on the ergonomic adaptation of the trolleys used in order picking and intralogistics. For this purpose, Gmöhling customises the trolleys to meet individual requirements and uses particularly smooth-running castors from TENTE. With about 100 employees, Gmöhling has been producing aluminium trolleys and boxes for their worldwide customers for more than 80 years. The majority of the trolleys and boxes are exported. More than half of the products are custom-made.

## DISTANCES OF UP TO 20 KILOMETRES

Every picker loads up to 160 pieces into their trolley. That is three times as many pieces as with the smaller standard trolleys used in other distribution warehouses. By using these large picking trolleys, employees reduce walking distances and thus save valuable time when changing trolleys. This way, they work in a significantly more productive way. The items in the trolley can weigh up to 30 kilograms, which is not particularly heavy, but the daily distance travelled is long and can be up to 20 kilometres. For this reason, it is important for the pickers to have trolleys that are easy to move and manoeuvre along the aisles. They should also take up very little space. For the trolleys, Gmöhling decided to use the Alpha product family with Maxtech wheels from TENTE.

These wheels run particularly smoothly on industrial floors and, in combination with swivel and fixed castors, enable easy manoeuvring. For this purpose, Gmöhling has developed a pushing device that can be connected to the trolleys and then disconnected again. This allows employees of the BAUR Group to leave the trolleys in a space-saving way after using them. In addition, Gmöhling offers special ergonomic advantages with its spring floor. The height of the spring floor lowers according to the weight of the packed goods. This ensures safe storage of the goods without the risk of anything falling out of the trolley.

## OUR SMART MOBILITY SOLUTION

Employees at the distribution warehouse of the BAUR Group should be able to push their trolleys very quickly and easily. In addition, they should also be able to manoeuvre the trolleys well and stop them with ease. For this, Gmöhling uses the Alpha product family with Maxtech wheels from TENTE. These wheels run smoothly thanks to their ball bearings and their polyurethane wheel surface. The centre of the Maxtech wheel is made of polyamide. Maxtech wheels from TENTE are quiet and do not flatten. Also, they do not require much maintenance and can withstand heavy demands for a particularly long time. This is a sustainable and significant advantage for the BAUR Group, which uses the trolleys in order picking and intralogistics.

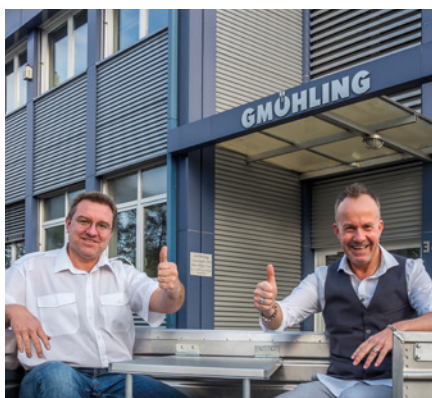


### ERGONOMIC WORKING DUE TO SMOOTH-RUNNING TROLLEYS

The easy movement of Gmöhling trolleys on TENTE castors relieve the order pickers. This is due to the ergonomic design of the spring floors in the trolleys and the ladders on the push devices. The spring floor is flexible and makes it easier to place and remove products. Although the trolleys are oversized, they are easy to move through the aisles and can be parked in a space-saving way.



**By using these large picking trolleys, employees reduce walking distances and thus save valuable time when changing trolleys. This way, they work in a significantly more productive way.**



*"As a family business, we have trusted in our partner TENTE for years when it comes to quality and durability. This family-owned company stands for quality wheels 'Made in Germany'".*

Frank Reiser Managing Director Gmöhling Transportgeräte GmbH  
Oliver T. Schmitz Sales Manager Gmöhling Transportgeräte GmbH





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PRODUCTIVITY



SAFETY



DESIGN



DURABILITY



ENVIRONMENT