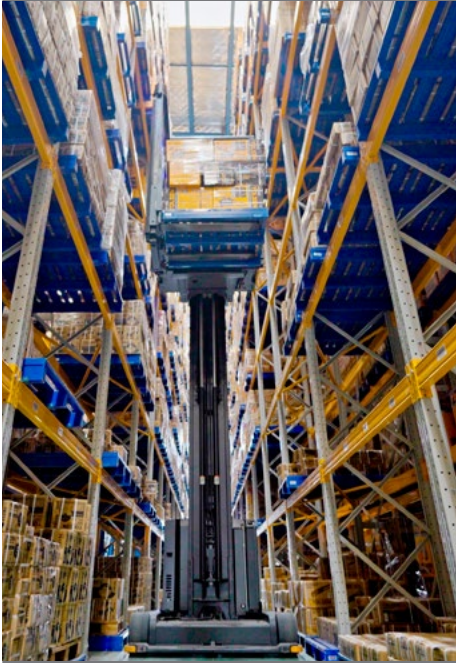




CUSTOMER RESULTS



“Crown TSP Series help us increase warehouse capacity and handle goods safely with its man-up operations.”

WANG Qing
Deputy General Manager
Tolsen Tools
Zhangjiagang, JIANGSU

Real customers,
real stories,
REAL RESULTS.

To learn more and contact
your local Crown Dealer
visit crown.com/results.

Tolsen Tools

Crown's TSP Series Help Tolsen Increase Warehouse Capacity and Efficiency

APPLICATION

Tolsen Tools provides the world with efficient, reliable and innovative tools. Starting in China, its products are now used in every corner of the world. With 30 years of experience in the tool industry, Tolsen has insight into its users' needs and has now become a leading tool brand in China. By 2023, Tolsen provides more than 3,000 products across 30 different categories. Every year, more than 1 billion units are exported to more than 150 countries and regions. With professionalism and innovation, Tolsen is committed to providing customers with possibilities and power in the future.

CHALLENGE

During Tolsen's rapid development, the original warehouse could no longer meet the company's needs. In 2020, Tolsen planned to build a new warehouse to store more products, covering an area of 7,500 square meters. The goal was to increase the warehouse capacity in a limited space by enhancing the rack height and storage density. With the increase in rack height, forklifts were required to have higher lift height and load capacity to meet the company's storage and throughput requirements.

SOLUTION

In the early stage of warehouse planning, Tolsen had done a thorough investigation of the application and visited several example warehouses. Ultimately, the company decided to adopt very narrow aisle racking to increase the overall warehouse capacity. After comparing forklift brands and models, Tolsen chose Crown's TSP 6500 Series turret truck. Equipped with Crown's wire guidance solution, the TSP Series improved work efficiency and operator safety. During the warehouse design phase, Crown worked closely with Tolsen and provided advice and references so that the project could be carried out smoothly. In the end, the project was successfully completed with the design of 5 zones and 20 aisles. The total height of the racks is 14.2 meters, enabling 10 levels of rack storage. Nearly 16,000 pallet positions are available to meet Tolsen's need for expanded product storage and efficient workflow.

RESULTS

- With Crown's TSP Series Turret Truck, the storage capacity of the warehouse was increased by 40% within the same area
- The TSP Series MonoLift Mast improved load stability at height
- The wire guidance solution improved operators' efficiency and safety, and effectively reduced product damage

STORE UP TO
40%
MORE
PALLETS