MOVING PERFORMANCE
TO THE NEXT LEVEL WITH THE CROWN TSP 6000 SERIES.

Discover turret stockpicker performance at its best.

This versatile three-point truck maximizes the benefits of cube utilization while answering multiple application needs throughout the warehouse. Crown’s performance-enhancing control innovations help operators move more productively, even while turning in intersecting aisles as small as 13 feet, or even less depending upon the application. Additional advantages include exceptional travel speeds, capacities and lift heights, as well as the most stable, heavy-duty mast in the industry. Crown’s reputation for thoroughly tested and proven lift truck engineering ensures long-term reliability...

keeping performance on the move for you.
Its compact design, excellent maneuverability and precise control help you optimize your warehouse, maximizing cube utilization and producing superior performance at heights. You can also use the TSP 6000 Series for multiple tasks. Instead of a reach truck, stockpicker and dock truck combination, see the TSP 6000 Series, with only a dock truck to gain significant labor, space and equipment savings. For optimized solutions, move up to the TSP 6000 Series.

For more efficient and flexible use of space, Crown’s exclusive SureSpec™ software gives you a quick, accurate way to optimize your warehouse space down to the last inch, based on your unique facility specifications. Crown’s engineers designed this turret stockpicker to meet productivity requirements for warehousing applications. As a result, operators benefit from a compact three-point design and excellent maneuverability in tight aisles. They also work more efficiently with an innovative seat and controls that adapt to the task for optimum productivity and enhanced visibility. Crown’s Access 1 2 3 Comprehensive System Control provides unsurpassed performance for transporting, lifting and pallet-positioning operations, while the stable mast gives operators the confidence and capability to take performance further.

The Crown TSP 6000 Series excels at pallet handling and full pallet put-away tasks at heights due to its solid foundation, unmatched stability at heights and efficient blended control.

For more information on the TSP 6000 Series, visit Crown.com/TSP6000.
The Crown TSP 6000 Series blends lift truck engineering and innovation with proven best practices for operator performance.

Superior efficiency is the result. This includes blending of multiple truck functions to address the fast-paced and dynamic challenges of warehouses today. The design also focuses on operator interactions with the truck, clearly evident in the operator platform with its ergonomic features. The advantages continue with Crown’s exclusive MoveControl® Seat, blending key operator movements and operational functions.

The TSP 6000 Series brings it all together for superior performance and productivity.
MORE CONTROL
WITH EVERY MOVE.

Based on Crown’s extensive human factors studies, the TSP 6000 Series provides flexibility without compromising safety to keep operators moving with efficiency, focused control. The design doesn’t dictate the operator position. Instead, it gives the operator the flexibility to choose the optimum position on the move. That’s what improves productivity.

Crown has been an ergonomics leader for years, expertise that’s apparent in the engineering of the MoveControl® Seat. It’s based on studies of challenging warehouse applications, which prove that operators prefer operability flexibility to meet constantly changing conditions.

The MoveControl Seat allows operators to adapt on the move for optimum positioning, visibility and comfort. It was specifically designed for the TSP 6000 Series, considering the needs of operators and application challenges. A variety of seat positions gives operators the ideal choice for each task or individual preference, including the flexibility to travel in, out or between aisles. Other integrated features, such as the innovative seat design, seat height adjustability over a range of 7.5 inches and controls that move with the seat, also improve safety, productivity and visibility for a variety of tasks.

Flexibility for optimum task positioning.

The shaped power unit design provides flexibility in task handling and load centering for operator comfort.

Crown’s multi-task controls, which offer blending of the primary functions, improve productivity with their intuitive, operator-centric design.

Tasks that benefit from standing are efficiently accomplished with a seat that folds up and controls that adapt to the ideal operator height.

Adaptability and efficiency are apparent in the blended, multi-task controls on the TSP 6000 Series, providing further productivity improvements.

It starts with an intuitive, operator-centric design that simplifies control. The TSP 6000 Series move with the seat for consistent operator control. That means no behind-the-back or other awkward positions for the operator. Adjustable armrest controls give the operator optimum positioning for travel, lowering or picking functions, while contributing to postural relief, ingress/egress and operator stability.

Flexibility for optimum task positioning.

The sloped power unit design results in precision load handling on the TSP 6000 Series.

Crown’s exclusive auto pivot feature simplifies operations with automatic blending of traverse and pivot functions.

EASIER, FASTER SERVICE.

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When the operator feels safe and secure, you'll see increased productivity. The TSP 6000 Series operator compartment is designed to protect the operator, boost confidence and improve productivity. Operators notice the difference as soon as they enter the truck, with its low step height and large side gate opening with hand holds. This facilitates entry/exit, helpful during floor-level picking. The walk-through design of the cushioned floorboard provides stable footing while reducing fatigue. System-integrated pedals ensure proper operator positioning and provide large target areas for easy actuation. Sensors on the pedals, hand controls and gates communicate to the truck's system controller when both the operator and truck are in the proper position and mode for safe operation. For example, if the side gates are not lowered or the operator's hands are off the controls, the system inhibits key truck functions. Operators also gain confidence and stability due to the side gates, front rail and armrests with integrated controls. Even the top line of the gates and rails are flush to allow easy handling of boxes.

The Crown anti-fatigue floor mat features a microcellular composition designed to reduce discomfort and back stresses that adversely affect productivity.

Convenient storage areas are integrated into the TSP 6000 Series operator compartment.

Operate with confidence, not against, the operator to enhance confidence and productivity.
Performance advantages come with smooth, safe operational control on the TSP 6000 Series. The Access 1 2 3 control system continually analyzes operational data, including guidance mode, height of the operator platform and forks, travel direction, load weight and load position, to determine top speeds and maximum acceleration. As a result, operators confidently outperform other turret trucks on every move. Operators also benefit from smooth, precise control of both the truck and the load handler, especially important when positioning loads at heights. In addition, programmable performance capabilities provide situational performance so operators can function at optimal levels whenever and wherever necessary.

The top travel speed of the TSP 6000 Series is 25 percent faster than its typical competitor. Consider the advantages in long aisles or when using the TSP 6000 Series for transporting applications. The TSP 6000 Series has a main mast lift speed 40 percent faster and an auxiliary mast lift speed 23 percent faster than its typical competitor.

Load handling is another strength of the TSP 6000 Series, adding further productivity advantages. Top pivot speed is 33 percent faster and traverse speed is 50 percent faster than the primary competitor. The advantages add up with every move through superior performance, backed by an intelligent system of safety and control.

At the end of the day, the TSP 6000 Series pays off with more work accomplished, because Crown’s expertise focuses on the operator and the task at hand, providing the safest, most efficient way to move.
Turret stockpickers have a unique set of dynamic forces because the load is positioned off to the side, as well as in front. Crown’s Mono-Mast works to minimize twisting and deflection, a common problem with dual mast designs. As operators work at higher elevations, the advantages of the Crown design become more apparent.

Crown’s exclusive Load Path Stability Design, proven in numerous man-up applications, provides a solid foundation for operator confidence. It’s achieved by evenly distributing the force of the load from the platform through the Mono-Mast to the frame and power unit and through the drive unit to the ground.

Crown’s Tilt Table Test adds dynamic factors, substantially exceeding standards in Tilting Platform Tests, resulting in industry-leading lateral and longitudinal stability.

Crown’s exclusive Mono-Mast features a boxed-in design with heavy gauge steel and inner I-beams, tied together with massive cross members to minimize twisting and swaying.

Crown’s sturdy Mono-Mast incorporates an exclusive design featuring vertical mast braces to stiffen the outer rails, minimizing mast deflection and providing superior stability.

The competitor’s turret stockpicker was tested according to Crown’s stringent standards for capacities at height. The competitor came up short compared to Crown’s two-stage (TN/TF) or three-stage (TT) masts.

Productivity is directly linked to stability on turret stockpickers because stability gives operators the confidence and safety to perform at faster speeds. The TSP 6000 Series provides unrivaled stability with Crown’s Mono-Mast and Load Path Stability Design. Operators immediately notice its minimal mast deflection when traveling in aisles at height or positioning heavy pallet loads, especially compared to competitors’ trucks. In addition, Crown’s patented Intelligent Braking System and AC motors ensure smooth and precise control to further enhance operators’ confidence and performance.

Crown builds and tests the TSP 6000 Series to the toughest standards when certifying maximum capacities at height. The competitor’s turret stockpicker may appear to have comparable capacities on paper, but when tested to Crown’s tougher standards, the competitor’s capacities are far below the TSP 6000 Series. The difference is so dramatic that operators won’t need test results to convince them. They can feel the superior stability of the TSP 6000 Series starting at the lower elevations.

Maximum Capacity at Height Test

When the competitor’s turret stockpicker was tested according to Crown’s stringent standards for capacities at height, the competitor came up short compared to Crown’s two-stage (TN/TF) or three-stage (TT) masts.

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On the TSP 6000 Series, service is streamlined through Crown’s modular Access 1 2 3 technology, which is backed by Access 1 2 3’s industry-leading three-year warranty. It features straightforward diagnostics and programming, InfoPoint troubleshooting and accessible components cohesively integrated into a reliable lift truck system. The Access 1 Display uses easily understandable icons to communicate key functions of the TSP 6000 Series. It also eliminates the need for an extra service terminal by providing an efficient interface for system diagnostics, calibration and programable functions. While an efficient diagnostics system simplifies serviceability, component accessibility also plays a key role. The TSP 6000 Series is designed to allow direct access for individual component replacement without removing other components. This level of access, which improves serviceability and saves time, is often lacking on competitors’ trucks.

While Crown’s service manuals are recognized as the best in the industry, Crown engineers continually work to reduce the need to use them. For example, Crown engineers continually work to reduce the need to use them. For example, Crown’s InfoPoint troubleshooting system ensures faster, simpler and higher quality service. The system gives technicians convenient access to critical information about the TSP 6000 Series, allowing them to troubleshoot without schematics, wiring diagrams or service manuals on most repairs. It’s the result of the InfoPoint Quick Reference Guide, on-truck component maps and information nuggets located throughout the truck, which depict component location, function and working connections. The system was specifically designed to help technicians fix the truck right the first time and fix it fast. That means more uptime for your trucks and your operators.

Crown makes it clear with the TSP 6000 Series that ensuring uptime requires durability inside and out. This is no place for plastic. That’s why Crown turret stockpickers feature heavy 3/16-inch steel covers all around the power unit, instead of plastic covers found on competitors’ trucks. It also accounts for the 14-1/2-inch-high, 5/8-inch-thick steel skirts, incorporating a sturdy rear skirt door designed for fast drive tire service. The skirt is nearly 5 inches taller than the competitor’s, which makes a significant difference in protecting the truck from impacts. In addition, vertical steel uprights designed to protect internal components are only found on the TSP 6000 Series. The hydraulics design also demonstrates a focus on durability. Crown’s innovative design features all hydraulics mounted on the truck’s main frame. This streamlined approach eliminates hoses, connections and components for improved durability and serviceability. It also separates hydraulics from electrical systems, resulting in cooler and cleaner electronics.

CROWN’S VALUE EQUATION

- **PROVEN PRODUCT LINE**
- **EXTENSIVE SYSTEMS/APPLICATION TESTING**
- **INTEGRITY PARTS AND SERVICE SYSTEM®**

= **TRUST** = **PERFORMANCE** = **VALUE**
INTEGRATED SYSTEMS
FOR ENHANCED PERFORMANCE.

Crown offers integrated control systems focused on safe, productivity-enhancing performance. These application-specific options range from automated steering in narrow aisles to programmable end aisle control to fleet management tools with vital monitoring, communication and control capabilities.

WIRE GUIDANCE •

Crown’s Wire Guidance System relies on a wire embedded in the floor to automatically steer turret trucks along a desired path.

RAIL GUIDANCE •

Aisle guide wheels provide reliable performance with Crown rail guidance systems, which are designed to take the day-to-day pounding of the most demanding warehouse applications. While the truck is in the aisle, the electronic system automatically centers the steering. An audible alarm indicates when the truck enters and exits the aisle.

END AISLE CONTROL (EAC) •

- Crown’s EAC System provides a programmable method for automatically slowing the TSP 6000 Series at a particular location and automatically resuming normal travel speed at another location. The system relies on sensors mounted on the TSP 6000 Series that detect magnets installed in the warehouse floor at end aisles and cross aisles.
- Manual-Guided Operation
- Auto-Activated Operation
- End of Aisle, Auto-Guided Operation

OPTIONS TO IMPROVE ANY APPLICATIONS.

The versatility of the TSP 6000 Series is further enhanced by the wide selection of performance options designed to meet the unique needs of your application. All of the TSP 6000 Series options are designed for seamless integration and efficient operation.

Crown offers a full-line of turret trucks that complement the TSP 6000 Series in any application, from the smallest facility to the largest warehouse.

WIRE GUIDANCE
RAIL GUIDANCE
Aisle Guide Wheel
Aisle Guide Rail
End of Aisle Slowdown Magnets
Rack

Standard Set of Work Assist® Accessories (additional set of work lights and extra fan are optional)
Strobe Lights Under Platform
Zone Select Key Switch
Adjustable Arm Mounting System for WMS Terminal

Crown’s Wire Guidance System
Crown’s EAC System
The Crown InfoLink® System

End of Aisle Slowdown Magnets
Rack

Crown’s EAC System

Crown InfoLink System monitors and communicates vital fleet truck usage and performance information for significant cost-savings by enhancing efficiency, safety and productivity.

Crown’s InfoLink® System

Aisle Guide Rail
You can count on Crown to build lift trucks designed for safe operation, but that’s only part of the safety equation. Crown encourages safe operating practices through ongoing operator training, safety-focused supervision, maintenance and a safe working environment. Go to crown.com and view our safety section to learn more.