

CROWN

PE 4000
PE 4500
Series



The best investment for the task.

Every pallet truck should be considered an investment. What's notable is when it delivers a significant return on your investment... like the Crown PE 4000/4500 Series. Only the PE 4000/4500 Series ensures superior interaction between the operator and the truck, and between the truck and the application. Productivity, durability and uptime advantages result in substantial cost savings. **With a focus beyond the initial price point, the PE 4000/4500 Series far outlasts its competitors for a superior value.**

Crown Value Comparison	Competitors	Crown
Price Point	✓	
Speed	✓	✓
Durability		✓
Operator Performance		✓
Uptime		✓
Real-World Guarantee <small>(including top lift cylinder area, battery wall and fork underside)</small>		✓
Lowest Cost of Ownership		✓

Crown **value = 3 times** more truck.

Built for the most demanding applications.

Engineered to survive the harshest environments, the PE 4000/4500 Series meets the challenges of dock work, transporting, staging and order picking. It's another reason why **Crown's PE 4000/4500 Series is the best investment for the task.**



Tested. Driven. Proven. **Reliable.**

Crown has been the preferred pallet truck for more than 20 years. How can you take the best and make it better? The PE 4000/4500 Series starts with a foundation that incorporates the strongest proven performance factors in the industry. Next, a thorough analysis of real-world applications and customer needs provides the basis for every innovation and design evolution. Finally, the trucks are tested in Crown's dedicated facilities to ensure the highest levels of design integrity and durability. Extensive testing includes separate processes covering components, modular systems, materials, structural integrity and overall truck performance. The end result is a pallet truck that has been proven to perform thousands of hours under the harshest conditions in the most punishing applications.



Crown understands pallet truck applications. Consider some of the most demanding applications:

Dock work applications present extremely tough challenges, from staging loads and crossing dock boards to moving in and out of trailers. *It's too tough for many pallet trucks to handle,* but the PE 4000/4500 Series is designed to handle it with ease. This pallet truck has the power, ruggedness and agility to work the docks with efficiencies that translate into savings year after year.

Options to consider for dock applications:

- Drive tire options
- Work Assist™ accessories
- Load wheel options
- Load backrest options

Freezer applications test the mettle of any pallet truck. The cold environment and slick floors, as well as jarring vibrations from dock boards and steel trailer floors, *cause serious problems for many pallet trucks.*

The PE 4000/4500 Series has been specifically tested, designed and proven to excel in freezer applications. A critical component of the superior durability of the PE 4000/4500 Series is the extensive freezer conditioning package designed to meet the unique challenges of this demanding application.

Options to consider for freezer applications:

- Freezer and corrosion condition packages, including non-skid platform
- Work Assist accessories
- Load wheel options
- Drive tire options



Options to consider for order picking applications:

- Quick Coast™ Option
- Quick Pick™ Handle
- Double-length forks
- Extended fork tips
- Load wheel options
- Work Assist accessories
- Drive tire options
- Load backrest options

Order picking applications require continual movement, both on and off the truck. The PE 4000/4500 Series provides the perfect fit for both the operator and the task, *making the most of every movement.* Operators also can optimize the pace of picking operations with Crown's Quick Pick and patented Quick Coast controls, helping operators accomplish more in less time. Its infinitely variable handle allows each operator to select individual handle heights for



Options to consider for manufacturing applications:

- Load wheel options
- Work Assist accessories
- Fork configurations – widths – lengths
- Drive tire options

Manufacturing applications require pallet trucks capable of transporting heavy loads over floors with some of the worst conditions. Ramps, expansion joints, aged and pitted concrete and debris all around *spell trouble for competitors' trucks.* The PE 4000/4500 Series has the stamina and control to handle these tough conditions all day long.



Options to consider for transporting applications:

- Load wheel options
- Quick-adjust casters with torsion bar
- Fork length options – single pallet – double pallet – triple pallet
- Work Assist accessories
- Drive tire options
- Load backrest options

Transporting applications typically involve heavy loads traveling over rough, uneven floors for long distances. This is where *structural fatigue shows up quickly on other trucks.* Crown engineers considered the task and designed the PE 4000/4500 Series to carry up to 8000 pounds – four to six pallet loads stacked two high – with the most durable forks and undercarriage available. **Crown guarantees it.**

No one matches this
standard
of
toughness.



An investment in durability...

Pallet trucks get physical on a regular basis.

They're driven hard - slamming into loaded pallets, racing across dock plates and uneven floors, continually stopping and starting.

The Crown PE 4000/4500 Series has what it takes to handle the demands of the most rigorous pallet truck applications. Durability is an integral part of the design, which explains why the Crown PE 4000/4500 Series is 30 to 45 percent heavier than other pallet trucks. Crown engineers use more steel where it counts - wherever costly damage could occur and at the greatest points of stress. In addition, exclusive structural enhancements protect against damage and wear all around the truck, and even more important, underneath the truck.

The Crown engineered and manufactured drive unit - which is the industry's largest - provides a level of durability that the competitors cannot match. It's the result of a carefully integrated design that features:

- Top and bottom mounting
- Crown-manufactured AC drive motor (as shown at left) or DC drive motor
- Horizontally mounted motor (simplifies maintenance; eliminates handle whip)
- Large spur gears
- Splined axle shaft
- A drive tire supported on both sides.



The Crown-manufactured **caster assembly** features heftier components throughout, including springs, axles and more steel where it counts. The shim-free, quick-adjust features enhance stability, drive tire life, handling, braking and traction. The differences are obvious. Many pallet trucks don't feature sturdy caster wheels like those found on the PE 4000/4500 Series. As a result, their caster wheels may snap off in dock applications.



Competitors Crown

A **13-inch drive tire** ensures a smoother ride and sure handling of heavy loads, easily outperforming the competitors' 10-inch tires.



Crown's durable **steel doors** provide protection against unexpected damage to costly internal components such as electronic controls, motors and pumps.

Crown's **load wheel** expertise extends load wheel life by integrating all critical components such as compounds, hubs, bearings and axles while ensuring optimal load wheel configurations.

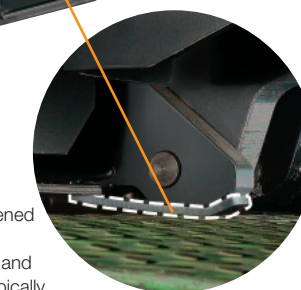


The **lift linkage system** features massive steel construction throughout, including the largest and heaviest tension bar in its class to prevent buckling in the event of a severe impact when traveling forks first.

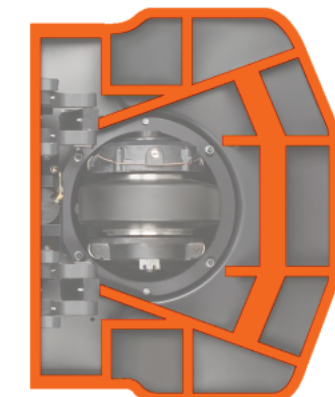
The **fork assembly** is one-piece heavy gauge steel formed for maximum strength and designed to handle 8000-pound capacities for years. Additional steel structures are placed in critical stress areas under the fork, preventing premature fatigue.

Crown's **entry/exit system** is designed to perform over the long haul, far beyond the demo. Look closely at the robustness of Crown's system components and compare it to others. You'll quickly see why Crown pallet trucks survive the constant pounding of pallet entry and exit, while others fail.

The **wear plates** are constructed of hardened steel (so strong that it's used on bulldozer blade tips). This provides additional strength and protection in high impact and wear areas, typically affected by uneven floor surfaces and dock boards.



The **Crown power unit frame**, a perfect blending of engineering discipline and solid steel, is an obvious differentiator between Crown and any competitor. With pallet trucks, what you can't see can cost you. That's why Crown put so much durability underneath the truck. Consider the critical placement of diagonal steel stringers and gussets at high stress points. They add strength and stability far exceeding the industry norm.



Crown guarantees it.

Fit for the operator.

The perfect fit starts with features that help operators accomplish more at a faster pace in the most demanding, multi-tasking applications. Every operator touch point, from head to foot, has been considered in the design.

Crown's integrated rubber kneepad incorporates a unique air pocket covered by flexible ribs to improve comfort, stability and durability.

Operators benefit from sculpted-out power unit doors, which offer more body room while increasing leverage for steering. The exclusive design of Crown's integrated kneepads with flexible ribs provides a comfortable leaning surface to improve stability and protect against heat, jarring motions and bumps that wear down operators.

Crown's premium floor mat offered as standard – boosts productivity all shift long for operators on the fly. It reduces the effects of vibration and standing stresses, while enhancing operator stability over uneven surfaces. The floorboard is designed to take advantage of every square inch for flexible and productive foot positioning.



The PE 4000/4500 Series premium floor mat features an integral skin, open-cell foam composition to reduce discomfort and back stresses by stimulating leg muscles and improving blood circulation.

Floor space on the PE 4000/4500 Series is designed to allow operators the flexibility to reorient foot position to match the task, enhancing productivity.

Controls designed for multi-tasking.

Crown's field-proven control handle, designed for walking or riding in multi-tasking applications, incorporates a robust aluminum casting throughout. This provides maximum levels of hand protection and durability, and reduces handle damage (commonly experienced with competitors' plastic handle components) in the event of contact with fixed objects such as trailer walls or rack structures.



The PE 4000/4500 Series Quick Pick Controls



The Crown PE 4000/4500 Series handle offers notable ergonomic and productivity-enhancing control capabilities. Crown's highly valued twist grip design improves grip force, travel activation and steering effort, while providing the optimal surface composition for a range of environmental conditions.

One Touch High Speed allows the operator to maintain high speed without a fixed hand position for long distance transport, which provides more freedom of positioning.

Crown's patented Quick Coast™ option on the PE 4000/4500 Series activates the coast feature. The activation switch is conveniently placed on the grab bar in a natural position



■ Infinitely Variable Handle
■ Brake Range

for easy activation. Audible and visual feedback features inform operators when Quick Coast is activated. Another feature of Quick Coast is Crown's exclusive, infinitely variable handle

positioning. This feature gives operators of any height the ability to choose a handle position that provides the most comfortable and productive performance.

Order picking efficiencies can be maximized with the addition of Crown's Quick Pick™ option. Ideally positioned for optimal walk-along performance, this feature allows the operator to quickly advance to the next pick location. In addition, its dual-switch system is designed to avoid unintentional truck movement that could occur on one-switch designs if the operator or another person accidentally engages the control. Only Crown incorporates this innovative safety feature.



Cost of ownership under control.

You can't judge the value of a pallet truck on the day you buy it.

The value and true cost of ownership show up later. Crown makes the necessary investment to keep the PE 4000/4500 Series running over the long haul in the most rigorous applications. While higher repair costs quickly overtake the initial purchase price on other manufacturers' pallet trucks, the PE 4000/4500 Series provides significant long-term cost advantages.

Crown's exclusive Access 1 2 3[®] Comprehensive System Control enables safe, reliable, industry-leading lift truck performance and diagnostics through an intuitive method of communication. **Guaranteed.**



Access 1 2 3 technology monitors and controls all lift truck systems, such as traction, braking and lifting, to ensure unmatched performance and reliability. Knowing variables such as whether the truck is empty or loaded, the speed and direction of the truck, deceleration and acceleration rates, operator performance levels, thermal ranges and functions selected provides a huge advantage. Crown engineers have leveraged these capabilities to **optimize overall system performance and maximize uptime** on the PE 4500 Series.

Operators, as well as service technicians, benefit from the intuitive operator interface contained within the PE 4500 Series display. Different information can be displayed depending on user preference. This includes battery level indicators, vehicle runtime, miles traveled, distance traveled in feet and a stop watch timer. Programmable performance settings provide a convenient way to tune the lift truck for different skill levels.

With Access 1 2 3 technology, you can rely on consistent performance throughout the heart of Crown's product family with one common diagnostics system. This simplifies service and technician training, providing significant time and cost-savings.

The Access 1 2 3 display communicates diagnostic information to the technician by identifying event codes, while a built-in voltmeter can be used to pinpoint the origin of the fault. This provides significant time- and cost-savings and improves the quality of service.

All Access 1 2 3 electronic components have been fully tested in Crown's engineering facilities and proven in the most demanding applications. **Crown's comprehensive three-year warranty also assures you of reliable, long-term performance.**

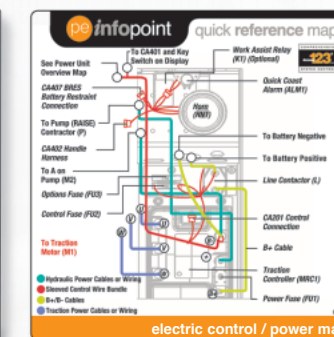
Enhanced Display

The PE 4500 Series enhanced display offers a number of features designed to improve operator/technician productivity:

- Performance tuning tailored to application/operator needs
- Selectable displays of truck functions
- Timer functions
- Diagnostics and programmability through display without handset
- PM notification.



Example Only



Example Only

The InfoPoint[®] System

On the PE 4000/4500 Series, the InfoPoint System complements Access 1 2 3 technology to provide faster, simpler and higher quality service with:

- Easy-to-understand troubleshooting processes
- InfoPoint Quick Reference Guide, on-truck component maps and information nuggets located throughout the truck
- Three W's about a component: where it is, what it is and what it does
- Ability to eliminate schematics, wiring diagrams or service manuals on most repairs.

As a result, technicians gain an invaluable tool to help them fix the truck right the first time and fix it fast. That's another substantial uptime advantage.

System of Support

Uptime is an integral part of the design at Crown. You can see it in our comprehensive system of support:

- **Crown Integrity Service:** advanced distribution center, professional support staff and call center, extensive educational resources, financial services
- **Dealer network:** substantial investments in facilities, product and part inventories, service expertise, equipment, tools, service vans
- **Flexible maintenance programs:** customized plans and innovative fleet management solutions such as InfoLink[™] and FleetSTATS[™]
- **Crown Integrity Parts[™]:** designed to meet original performance specifications; proven to last two to three times longer than aftermarket parts.



With features and services focused on uptime, the PE 4000/4500 Series assures the lowest cost of ownership, and the best investment for the task.

Maximizing the value.

The Crown PE 4000/4500 Series offers superior performance and value based on the needs of the application. A wide range of options is included as an integral part of Crown's pallet truck design strategy. Due to the modular, integrated design of the PE 4000/4500 Series options, you can easily maximize the value of your investment for specific applications or performance objectives.



Battery Roll-out System



Quick Pick™ Handle



Quick Coast™ Option



Load Wheel Options



Drive Tire Options



Storage and Shrink-wrap Trays



Work Assist™ Accessories



Work Assist™ Accessories



Load Backrest Options



Battery Disconnect Handle



Freezer and Corrosion Condition Packages



Meter Options
(PE 4000 models)



Torsion Bar with Quick-adjust Casters

Focused solutions.

Crown gives you additional advantages with solutions that complement the PE 4000/4500 Series.

In addition to a full line of support trucks, Crown offers a variety of service solutions designed to enhance productivity and profitability in your facility. What are your challenges?

That's where Crown begins.



PE 4000/4500 Triple Length Fork



PC 3600



PR 3000



PW 3500



TR 3600





Crown Equipment Corporation

New Bremen, Ohio 45869 USA

Tel 419-629-2311

Fax 419-629-3796

crown.com

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.

Because Crown is continually improving its products, specifications are subject to change without notice.

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SF14714 10/06
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