

CROWN

GPC 3000 SERIES



Step up the action with the **GPC 3000 Series.**

Focus on the entire picking process – that's what sets the GPC 3000 Series apart. It's the result of Crown's exhaustive research into the smallest details of order picking – walking, picking, loading, labelling, counting, wrapping, transporting, housekeeping and administrative tasks. Order picking applications can be more varied and demanding than any other task in the warehouse. Whatever the job requires, the GPC 3000 Series delivers enhanced productivity, safety and durability through innovative design, advanced technology and robust construction. To achieve top performance you need a lift truck perfectly matched to your specific demands. The GPC 3000 Series meets these challenges with a comprehensive range of options and Work Assist™ accessories to fit the exact requirements of your application and your operators.

**The GPC 3000 Series –
a Productivity Centre for
your warehouse.**

Pick Position Control™ allows the operator to “walk” the truck to the next pick location thereby eliminating the extra steps and delays needed to enter and exit the driver’s platform. Acceleration and travel speed are carefully tuned to precisely match operator motion without hesitation.

When the operator is aligned with the next pick location, Pick Position Control automatically brings the truck to a controlled stop with the load positioned for placing the picked item.

Operators are constantly moving from one side of the truck to the other to pick or stack the load. The low, no-trip floorboard, wide walk-through area and contoured surfaces make this as easy as walking down the aisle.

Every picking operation involves data transfer. Whether you’re using a paper-based system, data monitors, scan guns or RFID, it is important that these tools are conveniently located, securely mounted and protected from damage or loss. Crown’s Flexible Work Assist™ accessories can be adapted to suit any system of choice.

Operators spend as much as 45 percent of their time walking to and from the pick location. A surprisingly high percentage of this time is spent backtracking or walking ahead of the truck. The GPC 3000 Series reduces these unnecessary movements with responsive controls that make repositioning the truck faster and easier.

Picking efficiency and safety may become an issue with a product just out of reach. The GPC 3000 Series answers the challenge with a convenient fold-down step that can be used to reach products quickly and easily.

The GPC 3000 Series offers intuitive controls that are easy to activate, whether the operator walks along with the truck or drives from the platform. The benefits continue with powerful, reliable and customisable features that contribute to performance and productivity down the line.

100% efficiency for every picking task.

Order picking – a material handling process that is critically dependent on the operator.

The GPC 3000 provides superior driving performance and fatigue-reducing comfort, both of which are important to operator efficiency. Process studies show, however, that up to 90 percent of typical picking cycle tasks are performed off the truck. Therefore Crown has focused on a significant number of features which reduce and simplify the operator’s movement while performing tasks off, but in conjunction with, the truck. The result – a real improvement in operator efficiency and lower operating costs for your company.



Electric steering, contoured backrest, cushioned knee pad and a fully suspended floorboard are just some of the features of the GPC 3000 Series that reduce fatigue to help your operators maintain a higher level of productivity throughout the work shift.

Total Picking Cycle



Studies of picking applications show three broad categories of operator tasks: walking, handling products and driving. The walking category includes walking between the rack and truck and completing stretch wrap, weighing and other off-truck tasks. Handling products includes picking and loading tasks. Driving includes both in-aisle positioning and transporting to and from the distribution point.



Move picking to a higher level.

The GPC 3000 Series simplifies the most difficult picking tasks. A variety of configurations ideally position workers and products, providing a valuable solution for taller or heavier loads and second-level picking.

An optional fold-down step provides a practical and economical way to extend the reach of the operator. The safety-interlocked step features a wide tread for two-foot stability, complemented by a grab handle on the backrest. Operators benefit from a faster, easier and safer way to handle out-of-reach product without stepping onto racks or products. Warehouse managers benefit by saving valuable

space – potentially doubling pick slots by expanding upward – while enhancing productivity and safety. The GPC 3000 Series also includes single- and double-length lifting forks and platform lifts to address your specific application needs.

The GPC 3000 Series vastly improves the operator's ability to reach the top of high pallet loads or perform second-level picking, typically in the range of two metres. Research demonstrates that the fold-down step doubles the number of picking tasks characterised as easy, while dramatically decreasing the number of difficult tasks.

- Difficult to reach
- Moderate effort to reach
- Easy to reach



Scissors Lift

The GPC 3055 offers several important advantages in high throughput applications. Especially designed for heavy, bulky products, it lifts two pallets, each with a capacity of 1000 kg, to heights of 850 mm. The forks can be lowered or raised to minimise lifting and bending for the operator, which reduces fatigue and contributes to steady pick rates the entire work shift. With loads positioned at a convenient height, there's also less chance of damage resulting from products being dropped onto a pallet.



Fork Lift

Ergonomic advantages distinguish the GPC 3045 as well. Designed for single pallet use, it elevates a load capacity of 1,200 kg up to 960 mm, while providing

excellent manoeuvrability. Operators can quickly and easily position forks at the optimum picking height to enhance productivity and reduce the possibility of product damage.



Platform Lift

The GPC 3000 Series family also includes a platform lift option to position operators for easier second-level picking. Operators benefit from a stable platform that can be raised to heights of 950 mm. The backrest is padded, giving operators a convenient and comfortable

lean pad for additional stability during picking tasks. The platform option meets the needs of applications with frequent second-level picking tasks.



Engineered for **reliable** performance.



What's the difference between picking at 1 and 17 metres? To Crown engineers – nothing at all. The same solid engineering philosophy for performance and reliability that distinguishes the award-winning TSP turret order picker is found in the GPC 3000 Series.

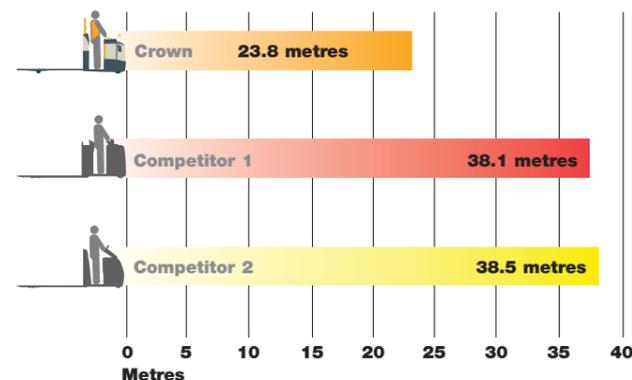
The GPC 3000 Series features a robust, reliable design driven by real-world application needs.

Like all Crown products, it's proven through extensive and rigorous testing on individual components and entire truck systems, both in the lab and in the warehouse.

expensive components behind them can be a significant part of your total cost of truck ownership. That's one reason why you'll find up to 200 kg more steel on the GPC 3000 Series than on the leading competitive trucks in its class.

The fast-paced world of order picking is a harsh and often abusive environment. Repairing or replacing damaged covers and the

Distance required to accelerate to top speed.
Powerful AC motors get you to 12.5 km/h faster.



In addition to the solid, durable design, you can expect higher levels of performance. The GPC 3000 Series provides faster, smoother acceleration to full speed than the leading trucks in its class. Performance settings – including three operator levels and time/distance settings for Pick Position Control™ – can further improve efficiency and productivity for specific application needs.

Stronger, higher-level performance with lower energy consumption. That was the technical challenge Crown engineers met with the GPC 3000 Series. It's the result of matching Crown's Access 1 2 3 Comprehensive System Control and efficient AC motors – and then tuning them to perfection.

Technology that **looks ahead.**

Access123[®]
Comprehensive System Control

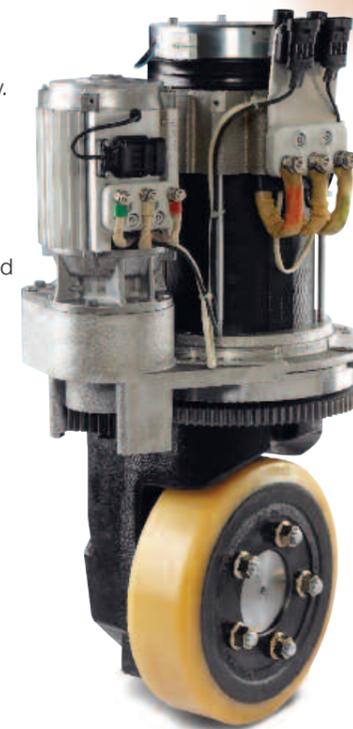
The GPC 3000 Series features Crown's exclusive **Access 1 2 3[®] Comprehensive System Control** and **e-GEN™ Braking System**, which enhance safe performance, productivity and long-term value by anticipating real-world needs.

Crown's exclusive Access 1 2 3 Comprehensive System Control provides smooth, safe operational control and industry-leading diagnostics. The system continuously analyses factors that can influence performance and safety, such as load, travel speed and steering angle and responds with optimised performance as conditions change.

The GPC 3000 Series features electronic steering on all models for effortless, precise and predictable control. **The award-winning X10[®] control handle** places all truck functions at your fingertips for right or left hand operation and minimised upper body fatigue through a design that doesn't require you to shift hand positions to reach controls.



Operators and service technicians benefit from information communicated through the intuitive display. This includes system indicators, operational warnings, programmable performance settings and diagnostics. Access 1 2 3 technology is complemented by the InfoPoint™ System, which follows a logical, easy-to-understand troubleshooting process for faster, simpler and higher-quality service.



e-GEN[™]
BRAKING

The intelligent e-GEN™ Braking System uses the powerful torque of the AC motor to provide consistent, reliable, long-term performance. This maintenance-free, frictionless braking system eliminates adjustments, while reducing numerous parts, linkages and other wear points.

Simplify tasks with **Work Assist** accessories.



Desktop work surface, front tube with load tray



Front tube with large see-through clip pad and scan gun holder



Front tube with medium clip pad, trash bag holder, beverage holder and storage pouch

A wide selection of Work Assist™ accessories adds to the exceptional performance and productivity advantages of the GPC 3000 Series. Crown engineers analysed the complete range of picking tasks and then designed Work Assist accessories which can be application-tailored to enhance convenience, comfort, safety and productivity.

Rear tube with load tray



Rear tube with small clip pad, scan gun holder and adjustable arm for WMS monitor



Studies prove that productivity and accuracy dramatically increase when tools and materials are organised for the task.

Operators need a convenient place to store tools for a number of tasks. Foil for stretch wrapping should be close at hand and easy to dispense. While retrieving an item from high pallet loads or second-level pick slots, operators need a secure place to steady themselves or position a box. Paperwork and shipping labels should be readily accessible, yet not at risk of blowing away. This is why operators often develop their own improvised solutions. Operators also need a convenient place

to store personal effects, a bottle of water and trash so they won't leave the truck or immediate work area as often.

Only the GPC 3000 Series offers the innovative and easily tailored Work Assist accessories to solve all of these workplace challenges. The universal mounting system makes it easy to attach and combine items such as storage pockets, clip pads, trash bag holder or drink holder. You can also add front and rear load trays, stretch foil holder, scan gun holders and data monitors.

Rear load tray for lifting platform



Rear tube with two storage pouches and double stretch foil holder



With Crown's Work Assist™ accessories you can create the perfect mobile work station for your application.

Extend your options.

You can achieve additional productivity advantages with the many options available for the GPC 3000 Series.



Extended platform



Clean power supply for electronic tools



Fold-down step



Pallet entry rollers

Your productivity centre solutions.

The GPC 3000 Series offers a complete line of low-level order pickers to meet any application challenge. All models feature 12.5 km/h travel speed, e-GEN braking, electronic steering and a host of options and accessories.



The GPC 3020 model with 2000 kg capacity delivers full performance in a standard package that can be customised for specific needs.



The GPC 3050 model offers the same performance and feature content as the GPC 3020 but with the power and strength to handle 2500 kg.



The GPC 3040 model with 2000 kg capacity is packed with features for increased operator performance and comfort.



The GPC 3060 model with 2700 kg capacity is loaded with standard features aimed at making the operator as productive as possible.



The GPC 3045 model elevates pallet loads weighing as much as 1200 kg up to 960 mm, providing ergonomic and productivity advantages.



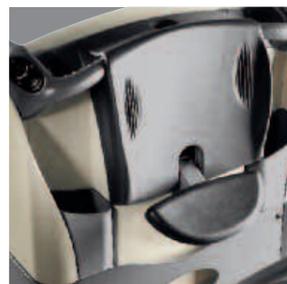
The GPC 3055 model elevates two pallets, each with a capacity of 1000 kg, to heights of 850 mm, offering optimal positioning to reduce product damage and improve productivity.



Pick Position Control™ (GPC 3020/3050)



Pick Position Control™ (GPC 3040/3060)



Adjustable lean seat (GPC 3040/3060)



Front bumper



Fixed load backrest (GPC 3020/3050)



Load backrest (GPC 3040/3060)



Lifting platform and picking guard (GPC 3040/3060)



Additional rear storage compartment (GPC 3040/3060)



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

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