

CROWN

GPC 3000 SERIES



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

Focus on each element of the picking process – that's what sets the **GPC 3000 Series apart**. It's the result of Crown's research into the fine 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 other tasks in the warehouse. The GPC 3000 Series delivers enhanced productivity, safety and durability through innovative design, advanced technology and robust construction. You need a lift truck matched to your specific demands. The GPC 3000 Series meets these challenges with a broad range of options and Work Assist™ accessories to fit the 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 adjustable to match operator pace.

When the operator is aligned with the next pick location, Pick Position Control 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 walkthrough 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 Assistant™ accessories can be adapted to suit in your system of choice.

Operators can 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 load. 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 optional 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.

Efficiency for every picking task.

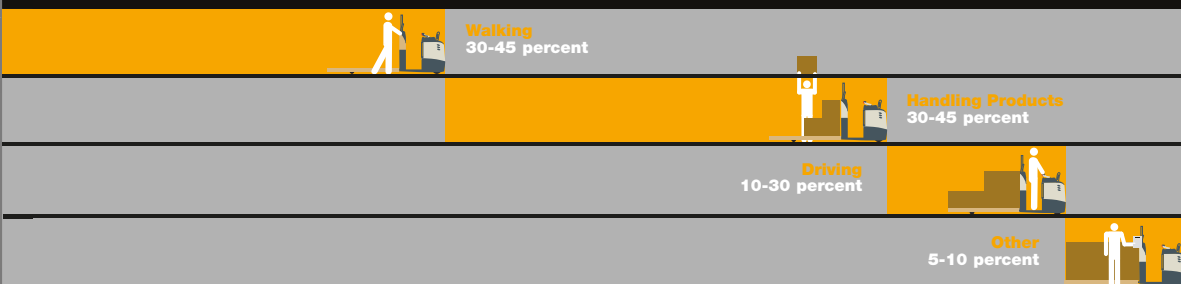
Order picking – a material handling process that is critically dependent on the operator.

The GPC 3000 Series provides exeptional 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 designed to 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 an improved 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 Order Picking Process



Studies of picking application shows three broad categories of operator tasks: walking, handling products and driving.

The "walking" category includes walking between the rack and truck and completing with 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.



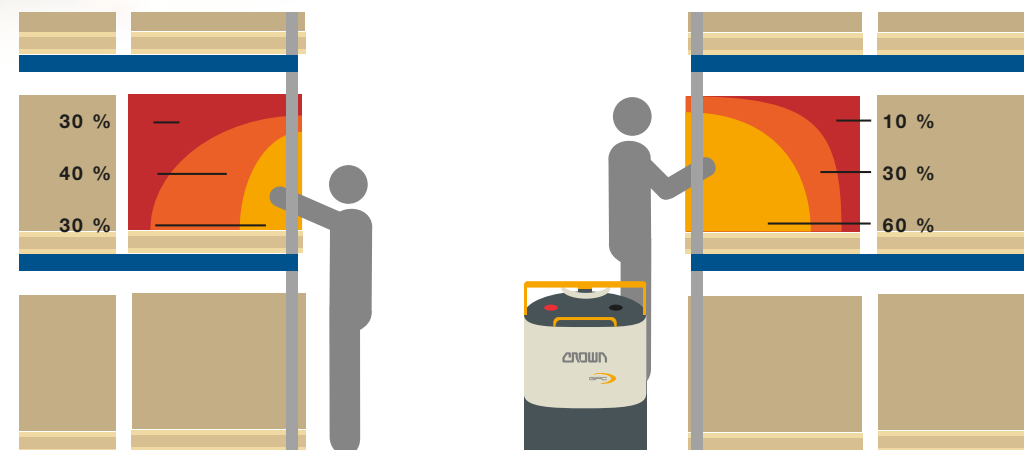
The GPC 3000 Series simplifies one of the most challenging picking tasks. A variety of configurations position workers and products, providing a valuable solution for taller or heavier loads and second-level picking.

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 can 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 fold-down step 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. 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 reduce fatigue and contribute 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 desired 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 lift option meets with frequent second-level picking tasks. The optional available picking guard provides the operator additional support for second level picking.



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.

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

In addition to the solid, durable design, you can expect higher levels of performance.

The GPC 3000 Series provides fast and smooth acceleration to full speed. 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.



The GPC 3000 series features the exclusive Access 1 2 3® Comprehensive System Control and e-GEN® Braking System, designed to enhance safe performance and productivity.

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

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.

The GPC 3000 Series features electronic steering on all models for 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.



Access123®
Comprehensive System Control

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 brake adjustments, while reducing numerous parts, linkages and other wear points.

Simplify tasks with **Work Assist** accessories.

Front Work Assist accessory tube with cable management, load tray and universal magnetic storage compartment



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

Front Work Assist accessory tube with cable management, large see-through clip pad and scan gun holder



Front Work Assist accessory tube with cable management, medium clip pad, trash bag and beverage holder and storage pouch

Rear Work Assist accessory tube with load tray



Rear Work Assist accessory tube with small clip pad, scan gun holder and adjustable arm for WMS monitors.



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 innovative and easily tailored Work Assist accessories to solve all of these workplace challenges. Work Assist accessories such as storage pockets, clip pads, trash bag holder or beverage holder are easy to attach and combine. The accessory can be attached with the universal mounting system on the Work Assist accessory tube, which is available with and without cable management. 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 Work Assist accessory tube with two storage pouches and double stretch foil holder



With Crown's Work Assist™ accessories you can create the right 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.



Soft writing mat



Universal magnetic storage Tray



Front Work Assist accessory
tube with cable management



Front Work Assist accessory
tube



Fold-down step



Additional 8 mm heavy duty steel
bump protection (GPC 3055)



Central storage tray



Extended platform



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)

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
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
increasing operator productivity.

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 continuously variable positioning to reduce
product damage and improve productivity.





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

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