

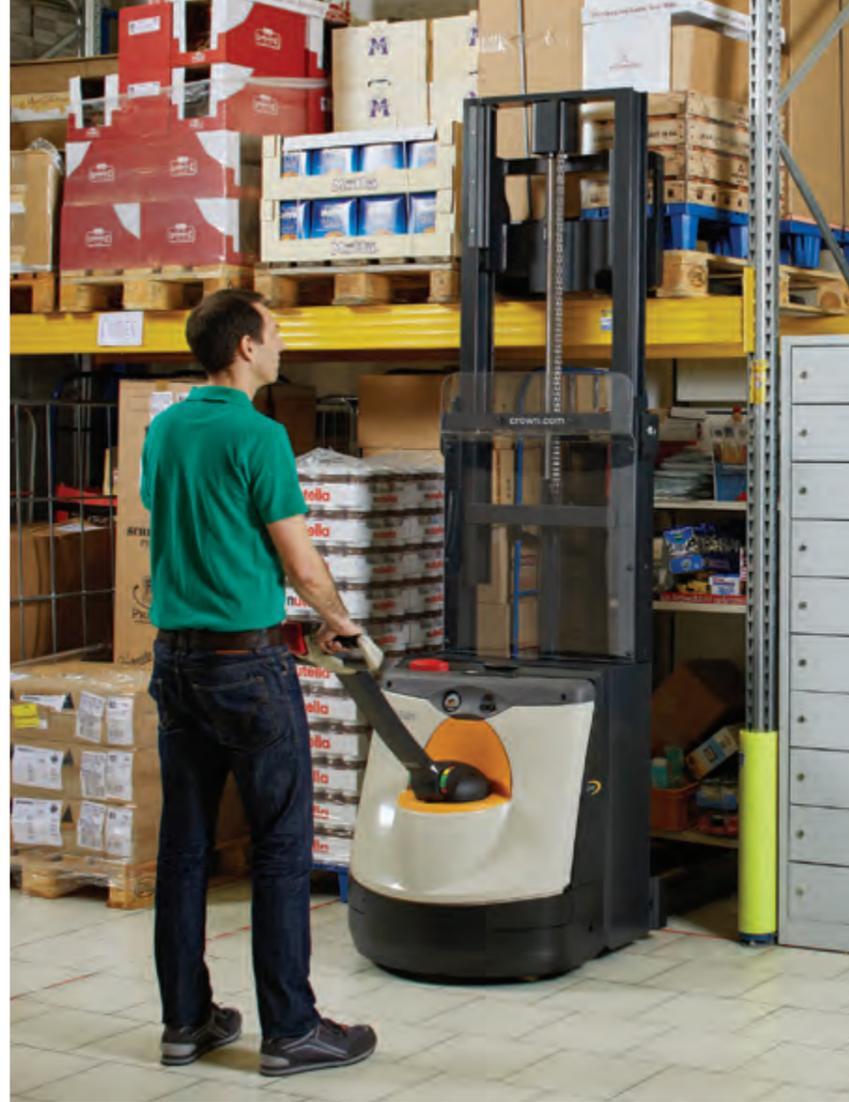
**CROWN**

# **DS 3200 DT 3000 SERIES**



# Double up throughput.

Crown offers a range of model variations to meet your double-stacking requirements – from medium-duty retail environments to high-density stock-to-dock applications. Crown's double stacker series combine the abilities of a heavy-duty stacker with the flexibility of a pallet truck, plus the capacity to transport two 1000 kg pallets.



## Application-Focused Design.

Just what your business needs.

Crown double stackers let you plan for the exact task at hand. Their application-focused design delivers performance advantages for your business and the people who keep it moving.

## Choose your preferred battery solution.

The decision between lead-acid and lithium-ion batteries depends very much on your specific application, working shifts and break times, as well as your electrical and facility infrastructure. With the wide range of V-Force batteries and chargers, you will find the right technology solution for your operation.



### DS 3200



- **Load Capacity:** 2.0 t
- **Max Lift Height:** 2300 mm
- **Power:** 24 V / 74 – 250 Ah
- **Travel Speed:** 6.0 km/h
- **Width Overall:** 712 mm
- **Head Length:** 772 – 789 mm
- **Fork Length:** 1190 mm

### DT 3000

Without Platform



- **Load Capacity:** 2.0 t
- **Max Lift Height:** 2600 mm
- **Power:** 24 V / 74 – 375 Ah
- **Travel Speed:** 6.0 km/h
- **Width Overall:** 744 mm
- **Head Length:** 818 – 908 mm
- **Fork Length:** 1150 – 1200 mm

### DT 3000

Folding Platform



- **Load Capacity:** 2.0 t
- **Max Lift Height:** 2600 mm
- **Power:** 24 V / 148 – 375 Ah
- **Travel Speed:** 12.5 km/h
- **Width Overall:** 744 mm
- **Head Length:** 978 – 1438 mm
- **Fork Length:** 1150 – 1200 mm

### DT 3000

Fixed Platform with Side-Entry



- **Load Capacity:** 2.0 t
- **Max Lift Height:** 1670 mm
- **Power:** 24 V / 148 – 375 Ah
- **Travel Speed:** 12.5 km/h
- **Width Overall:** 744 mm
- **Head Length:** 1553 mm
- **Fork Length:** 1150 – 1200 mm

### DT 3000

Fixed Platform with Rear-Entry



- **Load Capacity:** 2.0 t
- **Max Lift Height:** 1670 mm
- **Power:** 24 V / 148 – 375 Ah
- **Travel Speed:** 12.5 km/h
- **Width Overall:** 744 mm
- **Head Length:** 1472 mm
- **Fork Length:** 1150 – 1200 mm

# Compact design delivers outstanding manoeuvrability.

Double stackers, which carry up to twice as many loads as conventional pallet trucks, are defined by more than a capacity rating. The DS 3200 Series features a compact design, twinning a short head length with a narrow width to ensure a tight turning radius can be achieved during operation, making the lift truck ideal for use in confined spaces such as narrow aisles and restricted storage areas. Operators benefit from a clear view through the mast which, combined with a low-profile drive unit and fork tip indicators, ensures the double stacker is intuitive to drive while offering exceptional precision and agility.



## Efficient, intuitive pallet handling

The DS 3200 Series provides intuitive, ergonomic efficiency for operators who need the added capacity that a double stacker provides.

Agility is assured with a head length of just 772 mm while the proportional lift/lower function on the X10® Handle ensures operators have precise control when positioning pallets. Combined with the optional mast lift switches on both sides of the mast, the forks can be lifted to an ergonomic working height of 850 mm without returning to the control handle, thus improving efficiency and work throughput.

### Ideal for working in confined spaces and narrow aisles such as:

- ☑ Unloading and loading lorries and double deck trailers
- ☑ Distribution of goods and pallets around store
- ☑ Moving full, quarter and display pallets
- ☑ Storing goods at second level

### Ergonomic working platform:

- ☑ Through the switches on the mast, the operator can raise the forks to an ergonomic working height

### Flexibility through high load capacities including:



2.0 t capacity as a pallet truck  
**Lift Height:** 120 mm



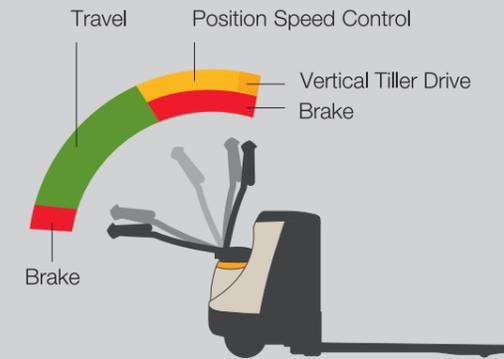
1.0 t capacity as a stacker  
**Lift Height:** 2300 mm



1.0 t + 1.0 t as a double stacker  
**(Lift Height: 120 mm + Fork Lift: 2300 mm)**

## The DS 3200 Series offers unique operational advantages for retail.

The DS Series incorporates certain critically important features. For example, you can expect highly manoeuvrable lift trucks due to Crown's X10 Handle, compact design and short turning radius.



Crown's advanced tiller functions facilitate manoeuvring in confined spaces.

### Position Speed Control

When operating in tight spaces such as retail stores with narrow aisles or inside lorries and elevators, the operator can move the tiller from the Travel zone to the Position Speed Control zone. The travel speed in fork direction will then be automatically reduced to 1.5 km/h without the need to come to a halt and a further command from the operator. This ensures a smooth and productive workflow while avoiding unintentional interruptions.

### Vertical Tiller Drive

The Vertical Tiller Drive function goes one step beyond. When activated, the truck can be moved at up to 1.5 km/h even when the tiller is in vertical position by simply keeping the travel switch pressed in the desired direction. Reducing the turning radius of the truck, the system enables operators to easily move pallets. This also helps to avoid costly goods damage.

# Crown double stackers are inherently strong and durable.

Don't settle for a throw-away design. Crown considers the demands of the application when designing and manufacturing its stacker trucks – hence we use steel covers instead of plastic to protect vital components and a robust drive unit with a powerful AC motor to ensure long-life. It's why Crown lift trucks offer low cost of ownership combined with legendary strength and reliability.



Durable Steel Covers



Reinforced Steel Chassis and Fork

Our robust steel structure for the chassis and fork assembly features a 5-year warranty. Because pallet trucks can take constant abuse running over uneven surfaces and dock boards, we use reinforced, one-piece high tensile steel forks with adjustable linkage.



**The die cast aluminium X10 Handle** adds to the durable design and ensures smooth, precise pallet positioning with proportional lift and lowering.

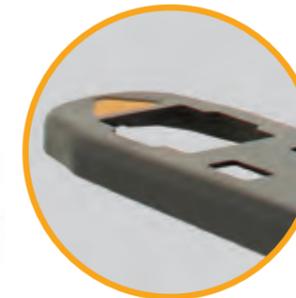
**The compact design** with a head length of just 772 millimetres and the low-mounted handle make the DS Series double stackers exceptionally agile.

**Exceptional manoeuvrability** due to compact design and short turning radius, it makes the DS Series stackers ideal for use in limited spaces such as narrow aisles or confined storage areas.



**Fork lift switches**  
The optional **fork lift switches** on both sides of the mast allow operators to easily raise loads to an economic lift height of 850 mm + 120 mm initial lift, while standing next to the pallet.

**All-around visibility**  
Lower front edge and fork tips indicators improve the visibility especially for short operators.



**Fork tip indicators**  
Visibility is an important factor for safe and productive working in the warehouse and is why the fork tips on Crown lift trucks are marked with colour indicators as standard.



**Plexiglas mast guard**  
The Plexiglas shield provides additional operator protection without blocking visibility.

**Document storage**  
An elastic cord ensures documents are secure yet fall easily to hand.

You also gain performance and reliability advantages from the components that power the DS 3200 Series. The heavy-duty gearbox, designed with a rugged helical gear set, provides smooth, powerful and quiet performance for trouble-free operation. Specifically designed for high-usage applications, certain models feature twin, hard-chromed lift cylinders and torsion bar to improve load stability.

# The DT 3000 Series can move more.

The Crown DT 3000 Series far exceeds typical expectations for double stacker pallet trucks in terms of productivity, control and durability.



up to  
**25%**  
more  
per hour

On a test course featuring typical functions of a double stack operation, the Crown DT 3000 Series moved 25 percent more double pallet loads.

Crown's intelligent Access 1 2 3<sup>®</sup> Comprehensive System Control is the key. It uses a closed-loop sensor system to monitor factors which can influence stability and control. These include travel speed, steering angle, fork and initial lift height, load on the forks and initial lift, platform and side restraint position, and whether the lift truck is accelerating, travelling or braking. The Access 1 2 3 system uses this data to optimise travel speed and drive tyre ground contact pressure. For you, that means safer performance and a tremendous throughput improvement.

Rider trucks are available with folding, side-entry or rear-entry platforms and speeds up to 12.5 km/h.

For dedicated pedestrian use, configure it without the platform. Whichever configuration suits your application, you get the durability of a heavy-duty double stacker with 2000 kg capacity.

#### Without Platform

You can configure the same durable double stacker without the platform for dedicated pedestrian use.



#### Folding Platform

Crown's exclusive fold-up FlexRide platform lets the operator select rider or pedestrian functionality.



#### Fixed Platform with Side-Entry

A backrest on the side-entry version adds protection and comfort, especially useful for transport and order picking.



#### Fixed Platform with Rear-Entry

For high traffic areas or long runs, the rear entry version creates a secure, comfortable compartment for the operator.



## Pick up the pace.

The DT 3000 Series stacks one feature on another to keep the operator engaged when it comes to productivity.



#### Crown's robust side restraints

allow the operator to step off the side of the double stacker to save steps and time. They can be easily folded up and down for convenient entry and exit.



**Work Assist™** accessories add another level of productivity, comfort and safety for the task at hand.



**Manoeuvrability** advantages result from the fold-up operator platform, contoured power unit and ergonomic tiller positioning providing ample foot clearance.



**The operator compartment** makes comfort, safety and productivity a priority with its easy-to-reach controls, visibility to the display and many ergonomic features.

**Excellent visibility** to the fork tips and initial lift is the result of a wide-open mast and fork carriage and a compact power unit.



# Get the job done.

The weight-adjustable **FlexRide™ suspension** available on the rear entry platform – provides ultimate rider comfort by adjusting the suspension to the operator's body weight.

**FLEXRIDE™**



**The Entry Bar® Safety Switch** helps to promote operator safety. If an operator places a foot on the entry bar switch, the double stacker automatically slows down.



**Access 1 2 3 Comprehensive System Control** includes programmable performance settings to match the lift truck with operator skill levels or facility requirements.

**The sturdy mast** features nested I-beam construction.

**A robust steel battery cover** features storage for tools and a hinged, lift-off design for easy access.

**Hydraulic system** responds instantly and proportionally to operator commands for fast, precise positioning of forks and loads.

**Initial-lift cylinders** on each side reduce stress and wear on lift linkage while improving handling, especially on off-centre loads.

**Steel covers** have the strength to take the abuse of dock work: 5 mm wrap-around covers and 10 mm power unit skirt.

**The cast-steel reinforced chassis** protects caster wheels if a collision should occur. Optional dual casters are available for harsh applications.

**Optional electric steering**, complemented by intuitive controls of the X10 Handle, significantly reduces the effort required to handle heavy loads and offers higher travel speeds compared to mechanical steering.

**Operators work congested areas faster and easier** with the DT 3000 Series, due to its folding platform, precise controls, fork tip visibility and slim chassis that is narrower than a Euro pallet.

**Heavy-duty side restraints** engineered for durability feature 50 mm heavy-wall steel tubing and rugged C-clamp mounting system, guaranteed for the life of the vehicle\*.

**Crown's advanced suspension** significantly reduces shock to the chassis, platform and other lift truck components. This robust system features a sealed drive unit suspension that requires no adjustment for drive tyre wear.

**The folding FlexRide platform** delivers comfort and durability with a lifetime suspension that never requires adjustment. Solid state induction switches in the platform avoid reliability issues caused by contaminants.

**The die cast aluminium X10 Handle** adds to the durable design and ensures smooth, precise pallet positioning with proportional lift and lowering.

**A spring-loaded drive unit** with heavy-duty casters handles the constant pounding of dock work, making a critical difference in durability and traction performance.

**The battery compartment design** simplifies side access rollout for quick battery changes.



\*Includes parts and labour to repair or replace side restraint and mounting clamps for the original owner. Soft cushions (wear item) not included.



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