

**CROWN**

# ES 4000 ET 4000 SERIES



# Built for real world challenges.

Crown's powerful traction system and ramp hold feature allow long slopes to be handled with ease.



Crown's precision traction and lift control and outstanding visibility are perfect for narrow-aisle retail applications.



Confined areas are no problem with Crown's intuitive, smooth control for precise navigation and positioning.



Crown's FlexRide platform suspension and high travel speed make long distance transport comfortable.



Heavy industries benefit from Crown's extensive use of steel where others use plastic.



Crown's narrow chassis and centre-mounted tiller reduce product damage and improve manoeuvrability in block stacking applications.



Crown's sealed electrical connectors, rugged chassis and heavy-duty traction system are designed to handle the rigours of outdoor use.



**Crown stackers are specifically engineered for the harsh, rough and less-than-perfect realities of typical applications. They're built for ruggedness, precision and power. Put them to the test and you'll find robust performance, simplified use, excellent manoeuvrability and control.**

Any stacker can lift, lower or run at its rated speed in a test lab. What counts is how it performs in your application. In the real world, operators navigate in close quarters and handle less-than-perfect loads. Some are less skilled than others. Ramps, uneven floors or rough surfaces are common obstacles. **With the compact, powerful ES 4000 pedestrian and ET 4000 rider stackers, you answer all these challenges quickly and economically.**

Crown's quick-exit side restraints are the fastest way to exit the operator platform in narrow aisles.



# ES 4000 SERIES



ES 4000



ESi 4000

These pedestrian stackers are built on a powerful, sturdy foundation, offering features to match core application needs. With capacities of 1.2, 1.4 or 1.6 tonnes, lift heights range from 2.4 to 5.4 metres. Typical ES 4000 applications include:

- Small to medium size work areas with tight spaces
- The need for excellent manoeuvrability
- Stacking, stock replacement, order picking

These pedestrian stackers add initial lift capabilities to the ES 4000 feature set. Higher ground clearance contributes to better handling on inclines and uneven surfaces, greatly expanding the range of operations. Typical ESi 4000 applications include:

- Small to medium size work areas with ramps or inclines
- Rough surfaces and floors with drains
- Occasional double pallet handling

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# ET 4000 SERIES



ET 4000



ETi 4000

These rider stackers address the need to help operators move product faster, with more comfort and efficiency than possible with a pedestrian stacker. They also offer capacities of 1.2, 1.4 or 1.6 tonnes and lift heights from 2.4 to 5.4 metres. Typical ET 4000 applications include:

- Longer transport distances
- The need for faster travel speeds
- Narrow aisles

Initial lift on these rider stackers adds versatility, making them ideal for many uses. Operators improve throughput with superior control for positioning and handling, from aisles to docks to side loading lorries. Typical ETi 4000 applications include:

- Dock work
- Double pallet handling
- Frequent loading and unloading of lorries

# Efficient stacking is more than lifting.

Maximise stacking productivity with features that give operators more control for real-world stacking functions.

Crown's precise lift/lower control simplifies container stacking, where the fork pocket is only a few millimetres larger than the fork itself.



Fork tip indicators located on the top and underside of the forks enhance fork positioning for any operator.



Crown stackers excel at positioning the truck and the load to improve stacking efficiency. Every feature addresses a critical operator action during typical stacking operations.

Proportional lift/lower makes product positioning simpler, more accurate and faster.

Sturdy masts and a rigid chassis support greater capacities at height – up to 650 kilograms at 5.4 metres.

Superior all-around visibility significantly contributes to making tasks easier, safer and faster to perform.

The centre-mounted tiller gives the operator a clear view down either side of the power unit, especially helpful for block stacking tasks.

Operators have a clear line of sight to the load arms, thanks to the narrow, low profile power unit and wide-open mast.



# If you can't level the ground, rise above it.

Put distance between you and less-than-perfect surfaces in your facilities.

Initial lift adds a flexibility advantage by providing the ground clearance needed to traverse uneven surfaces with the ease of a pallet truck.

Robust initial lift load arms stand up to the severe pounding caused by uneven floors, dock boards, expansion joints, door thresholds and rough surfaces.

Increased under clearance helps avoid stranded loads and lost productivity, as well as product shifting, product damage and unsafe transport conditions.

An electronic power steering option, available for all of the stackers, contributes to smoother handling over any surface.

Options such as siped rubber tyres and freezer conditioning offer more performance in applications with sloped floors, wet surfaces and drainage.



Crown's initial lift stackers feature a pull-rod system that places the riser axle at the highest point possible to eliminate damage and wear.



# Turn up the throughput on longer **transports.**

**Crown's operator suspension and performance options** give you a transport advantage.

**The FlexRide™ suspension platform** provides a smooth ride to improve control and minimise fatigue.

**Optional electronic power steering** enhances manoeuvrability and reduces steering effort on heavier loads.

**Built-in storage space and optional Work Assist™ accessories** speed up the task at hand.

**Application-focused performance options** include tandem load wheels, traction tyre materials, larger battery to handle heavy loads and roll-out battery for quick battery changes.

**Initial lift models with electronic power steering** can transport as much as 2 tonnes on the load arms.

The folding FlexRide platform delivers comfort and durability with a lifetime suspension that never requires adjustment.

The optional InfoLink® fleet and operator management system provides benefits for facilities large and small. It delivers real-time and historical data on truck usage, impacts, driver certification, service history and more.

# Get an engineered advantage on **inclines.**

**Crown offers power and control to transport product** up and down ramps and grades.

**The large Crown-built AC traction motor** delivers powerful performance to meet your real-world challenges.

**A rugged cast iron gearbox** provides heavy duty performance.

**Crown's intelligent e-GEN® Braking System** uses the powerful torque of the AC traction motor to improve overall performance while virtually eliminating brake maintenance.

**Initial lift** models assure additional ground clearance, adding to a set of features that keep operators and trucks moving on ramps and grades.

A ramp hold feature electronically brakes the truck when the accelerator is released.



Initial lift provides over 100 millimetres of under clearance, critical for loading lorries and cresting ramps.



Optional pallet entry and exit rollers on initial lift models let load arms traverse pallet bottom boards even when the pallet is empty.



# Double your productivity and throughput.

**Crown delivers smooth, precise control** for double pallet handling.

With the **initial lift models**, you can securely transport stacked pallets and immediately double your productivity. Stacking pallets saves space and costs. Why not benefit by transporting them?

**Precise control** simplifies pallet handling, whether walking or riding.

The award-winning **X10® Handle** and smooth **proportional lift and travel functions** provide extraordinary control for positioning.

**Our patented Brake Override** lets you manoeuvre the truck in tight spaces with the tiller in a near vertical position.

When lifting two pallets, the forks and load arms can carry any proportional split of the rated capacity.



A focus on **work support** brings time and labour savings.

**Crown's versatile stackers lift, position and carry** with ease for essential assistance, right now.

**Work Assist™ accessories** such as scan gun holders, clip boards, storage pockets and beverage holders improve efficiency and productivity.

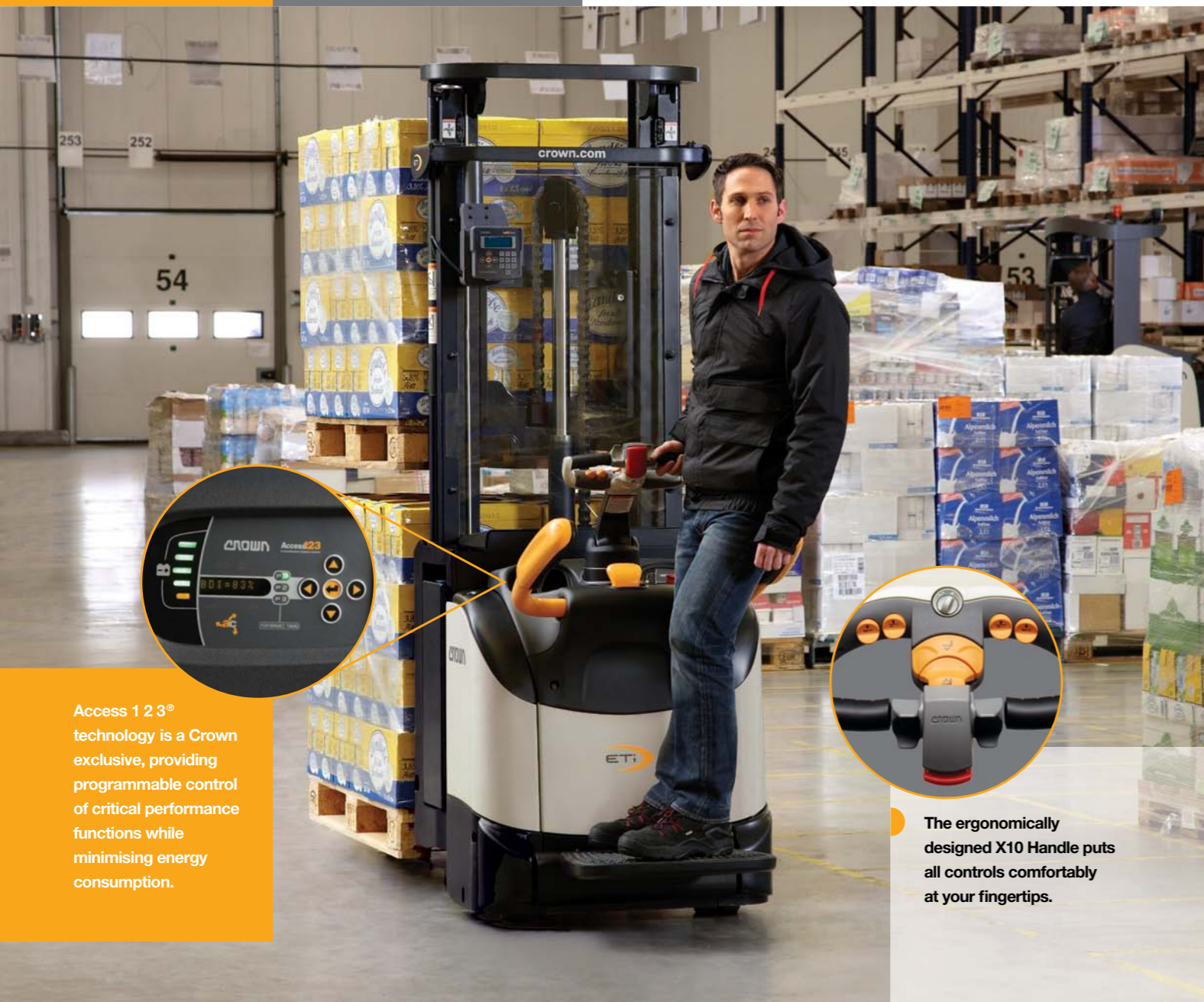
**Highly productive work support uses** include picking, supplying lines, providing a temporary workbench and fulfilling orders.

**Raising product to a comfortable working height** reduces the back pain caused by repetitive bending.

When the operator is working alongside the truck, the **centre-mounted tiller** allows easy reach to the raise/lower controls from either side.



Resupplying shelves, assisting in shipping and receiving, and transporting products to the checkout are some of the many beneficial uses in retail applications.



**Access 123®** technology is a Crown exclusive, providing programmable control of critical performance functions while minimising energy consumption.



The ergonomically designed X10 Handle puts all controls comfortably at your fingertips.



Manufacturing facilities use Crown stackers for lifting and positioning assistance, supplying materials for production and many other heavy duty tasks.

## A robust and powerful stacker.

The compact ES 4000 and ET 4000 Series stackers are big on performance. Engineered for durability and power, they prove their value with exceptionally long life.

Designed and tested to hold up under the toughest conditions, these stackers prove that compact does not mean light duty.

The solid design starts with a sturdy I-beam mast, reinforced 8 millimetre thick steel chassis, 3 millimetre steel exterior covers and die-cast aluminium control handle. The rider version includes a platform suspension that never needs adjustment and 50 millimetre diameter side restraints designed to take a beating.

On the inside, you'll find reliable power with a Crown-built AC traction motor, cast iron gearbox and heavy-duty castors. Our exclusive e-GEN® braking reduces cost by virtually eliminating brake maintenance while delivering consistent braking performance for the life of the truck.

In addition, our 3 kW hydraulic system – the quietest we've ever built – delivers faster lift and lower speeds.



**Crown's Access 1 2 3° control system** includes secure PIN access, truck status information and complete built-in diagnostics for faster service and more uptime.



ES 4000 SERIES



**Crown's AC traction motor and cast iron gearbox** are built to handle heavy loads. e-GEN braking harnesses motor torque to stop without friction brakes, and holds fast even on slopes. All models offer optional electronic power steering.

**Superb all-around visibility** results from a compact, contoured power unit and wide-open mast. The centre tiller gives operators balanced visibility to either side of the truck.



**The control tiller's cast steel pivot joint**, formed steel arm and die-cast aluminium handle stand up to severe abuse. Brake Override on the X10° Handle allows travel with a nearly vertical handle for up-close manoeuvring.



**Nested I-beam rails and thick steel cross bars** contribute to a rugged and stable mast with high residual capacities.



**Quick-exit side restraints** easily swing up so operators can quickly exit to the side in congested areas. Mechanical steering trucks automatically stop lifting at 1.8 metres unless the side restraints are fully down.



**Electronically controlled proportional hydraulics** deliver fast lift and lower speeds and pinpoint positioning of loads.



ET 4000 SERIES



**The fold-up FlexRide™ platform** improves manoeuvring in tight spaces and provides more clearance for walking tasks.



**Numerous Work Assist™ accessories** are available to enhance productivity for specific application needs.



Trucks equipped with power steering allow lift and travel when side restraints are in the quick-exit position, avoiding the 1.8 metre lift limit and the need to lower side restraints.



**Initial lift** offers higher under clearance and heavier capacities for better handling and performance on ramps, grades and uneven surfaces.

Performance-enhancing control boosts skill levels, confidence and productivity. With proportional lift/lower, operators position forks within millimetres, reducing the risk of damage or injury from misaligned forks.

Working up close or in confined spaces, you'll see the value of a highly manoeuvrable stacker. A narrow, contoured chassis, low sight lines and centre tiller give you superior visibility and balanced handling. Our patented Brake Override lets you navigate in extremely tight spaces with full control. Electronic power steering, optional on all models, further enhances manoeuvrability and transporting tasks.

## Exact load control with superior manoeuvrability.

The ES 4000 and ET 4000 Series stackers are designed to meet your needs with precise, reliable and safe operation, walking or riding.



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

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