

EQ Line

LITHION
BATTERY TECHNOLOGY



EQ LINE PRELIMINARY SPECIFICATIONS

MINI POWER PALLET TRUCKS

24/48V, 1.5 - 2.0 TONNES

NPP15Q2BL

NPP20Q2BL

MINI BUT MIGHTY

THE GO-ANYWHERE LOAD MOVERS

Combining small size and low weight with impressive power, these handy little pallet trucks are great all-rounders. They're strong enough for light duties, short and middle distances, and loads up to 2.0 tonnes. But compact enough to manoeuvre easily in narrow aisles, containers, goods vehicles and smaller buildings. You'll find multiple loading, unloading and shuttling uses for them.

CAT[®]

CAT LIFT TRUCKS QUALITY – FOR EVEN THE SMALLEST JOBS

Our EQ line warehouse trucks have everything you need for dependable, entry-level materials handling. That includes sturdy construction, simple maintenance, energy-efficient features, robust performance, user-friendly design, and safety. A product line for light applications. If that's what you need to get your job done, the EQ line is your perfect choice.

With their compact dimensions and small turning radius, our mini power pallets will fit anywhere – and work anywhere. Inside vehicles and cargo containers. On floors with weight limits. Through narrow aisles and passages. In cluttered workshops, retail stores, small supermarkets and local warehouses. Wherever you need them.

The trucks' high stability and manoeuvrability enable fast but safe operation. Steering and control is via a user-friendly tiller head which brings all functions within easy reach. Every travel or hydraulic movement, including pallet entry and exit, is smooth and precise.

Different battery voltages (24/48V) and capacities (from 20 to 40Ah) can be matched to your application needs. Li-ion technology maximises power, efficiency, runtime and lifetime, with zero battery maintenance requirements. Onboard opportunity charging and rapid battery exchanging add extra operational flexibility.

These Cat lift trucks are robustly built to high quality standards. Their durable components and inbuilt protective mechanisms help ensure long, trouble-free life. Low prices, minimal maintenance needs and economical energy use further reduce their total cost of operation (TCO).



LOWER COST OF OWNERSHIP

- High-quality, robust construction ensures reliable operation over a long lifetime, with minimal servicing and repair needs.
- Strong chassis and frame, with thick (at least 4 mm) outer shell, resists impacts and protects key components.
- Thick forks (4.0 to 4.5 mm) give extra strength and longer service life.
- Reliable hydraulic system structure avoids risk of leaks and minimises pressure loss.
- Li-ion batteries give maximum lifespan, efficiency and runtime, with no need for water top-ups or other maintenance.
- LED display includes fault warnings, enabling timely attention to prevent damage.
- Fast plug-in diagnostics, troubleshooting and programming – via an external port – reduce downtime and maintain efficient performance.
- Easy service access – including quick-release covers – saves on time and cost of maintenance.
- PIN code access prevents unauthorised use.

UNMATCHED PRODUCTIVITY

- 24V permanent magnet motor technology provides high power and gradeability.
- Large-diameter drive wheels overcome obstacles, bumps and rough surfaces.
- Compact, lightweight and stable design gives fast, safe performance with great manoeuvrability.
- Side castor wheels (optional) further enhance stability.
- Small turning radius allows efficient travel and load handling even in tight spaces such as narrow aisles and lorry trailers.
- 800 mm marking on forks helps in easy and steady crosswise handling of EU pallets.

- Battery voltage and capacity choices allow matching to different application needs.
- Li-ion technology makes continuous, powerful operation possible, without battery changes, using fast opportunity charging during short breaks.
- External fast 24V 12A charger option enables full recharging of a spare battery in just 2 to 3 hours.
- Advanced battery management system (BMS) optimises power, lifetime and safety.
- Quick battery exchange requires no additional tools or devices.
- Discharge level indicator supports optimal timing of battery charging/changing.

SAFETY AND ERGONOMICS

- Multifunctional tiller head conveniently houses controls for lifting and lowering, forward and backward travel, and emergency reverse, along with information display.
- Tiller design enables strain-free, single-handed use of controls and operation of truck.
- Turtle/creep speed button allows manoeuvring with tiller arm vertical, for safe movement through narrow spaces.
- Li-ion battery chemistry means no risk of hazardous gas or acid leaks.

EQ LINE LI-ION BATTERIES

Our EQ line warehouse trucks come equipped with lithium-ion (Li-ion) battery technology.

A great advantage of Li-ion is that it allows the use of opportunity charging. Instead of exchanging batteries between shifts, you can simply plug into a fast charger during short breaks. Your business will also enjoy the other efficiency, environmental and safety benefits outlined here.



LONGER LIFE

– 3 to 4 times lead-acid lifespan –
reduces overall battery investment



FASTER CHARGING

– enables full charge in as little as
1 hour with the fastest chargers



HIGHER EFFICIENCY

– energy losses during charging and
discharging are up to 30% lower, so
electricity consumption is reduced



NO BATTERY CHANGING

– fast opportunity charging –
15 minutes for several hours of
extra runtime – makes operation
convenient with just one battery and
minimises the need to buy, store and
maintain spares



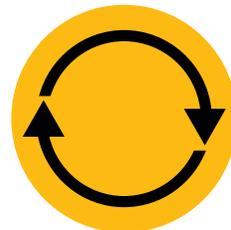
LONGER RUNTIME

– thanks to more efficient battery
performance and use of opportunity
charges, which can be given at any
time without damaging the battery or
shortening its lifespan



NO DAILY MAINTENANCE

– the battery stays on board the
truck for charging and there is
no need for water top-ups or
electrolyte checks



CONSISTENTLY HIGH PERFORMANCE

– with a more constant voltage curve
– maintains truck performance even
as battery charge gets low



INBUILT PROTECTION

– intelligent battery management
system (BMS) automatically
prevents excessive discharge,
charge, voltage and temperature, as
well as virtually eliminating misuse



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NOTE: Performance specifications may vary depending on standard manufacturing tolerances, vehicle condition, types of tyres, floor or surface conditions, applications, or operating environment. Trucks may be shown with non-standard options. Specific performance requirements and locally available configurations should be discussed with your Cat lift trucks Dealer. Cat Lift Trucks follows a policy of continual product improvement. For this reason, some materials, options and specifications could change without notice.



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