

**EQ Line**

**LITHION**  
BATTERY TECHNOLOGY



**EQ LINE PRELIMINARY SPECIFICATIONS**

**SIT-ON TOW TRUCKS**

51.2V, 3.0 - 6.0 TONNES

**NTS3002**

**NTS6002**

# **TOUGH LOAD LUGGERS**

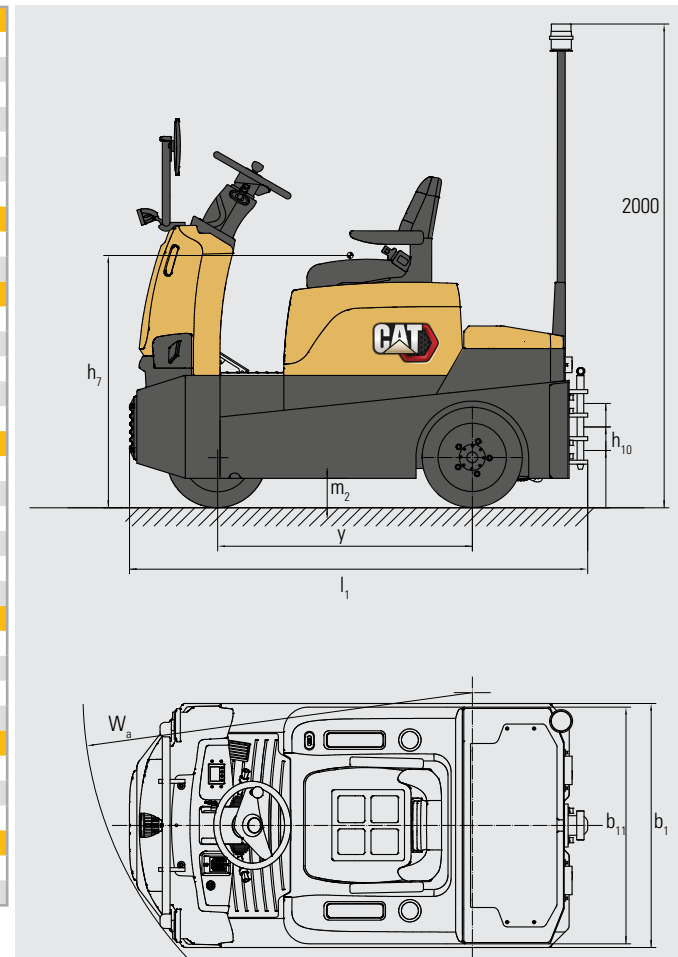
**LONG DISTANCES, HEAVY LOADS,  
ROUGH CONDITIONS – NO PROBLEM**

These small but strong trucks can rapidly transport loads of up to 3.0 or 6.0 tonnes. They're tough, too. We build them to handle outdoor and indoor conditions, along with all the knocks and bumps of a busy workplace. At the same time, they offer your drivers day-long comfort – mile after mile. Ideal for use in airports, stations, warehouses, workshops and factories.

**CAT**<sup>®</sup>

Characteristics			
1.1	Manufacturer		
1.2	Manufacturer's model designation		
1.3	Power source		
1.4	Operator type		
1.5	Load capacity	Q	(kg)
1.7	Rated drawbar pull	F	(N)
1.9	Wheelbase	y	(mm)
Weight			
2.1b	Truck weight without load, with maximum battery weight		kg
2.3	Axle loadings without load & with maximum battery weight, drive / load side		kg
Wheels, Drive Train			
3.1	Tyres: PT = Power Thane, Vul = Vulkollan, P = Polyurethane, N = Nylon, R = Rubber drive / load side		
3.2	Tyre dimensions, drive side		(mm)
3.3	Tyre dimensions, load side		(mm)
3.5	Number of wheels, load / drive side (x = driven)		
3.7	Track width (center of tyres), load side	b11	(mm)
Dimensions			
4.8	Seat- or stand height	h7	(mm)
4.12	Tow coupling height	h10	(mm)
4.19	Overall length	l1	(mm)
4.21	Overall width	b1/b2	(mm)
4.32	Ground clearance at center of wheelbase, (forks lowered)	m2	(mm)
4.35	Turning radius	Wa	(mm)
Performance			
5.1	Travel speed, with / without load		km / h
5.5	Max. drawbar pull		N
5.7	Gradeability, with / without load		%
5.10	Service brakes (mechanical / hydraulic / electric / pneumatic)		
Electric motors			
6.1	Drive motor capacity (60 min. short duty)		kW
6.4	Battery voltage/capacity at 5-hour discharge		V / Ah
6.5	Battery weight		kg
Miscellaneous			
8.1	Type of drive control		
10.7	Level of noise at the ear level of the driver according to EN 12 053:2001 and EN ISO 4871 in work LpAZ		dB(A)

Cat Lift Trucks	Cat Lift Trucks
NTS30Q2	NTS60Q2
Battery	Battery
Sit-on	Sit-on
3000	6000
750	1500
1040	1245
1080	1245
440/640	495/750
R	R
4.00-8	4.00-8
4.00-8	4.00-8
1 / 2x	1 / 2x
878	878
980	980
230/330/420	230/330/420
1870	2020
996	996
120	120
1590	1680
8 / 14	7 / 14
3000	6000
5 / 15	5 / 15
hydraulic	hydraulic
5.0	6.0
51.2/206	51.2/277
420	420
AC Speed Control	AC Speed Control
<70	<70



## STANDARD EQUIPMENT AND OPTIONS

GENERAL	NTS30Q2	NTS60Q2
51.2V/206Ah Li-ion battery	●	●
51.2V/277Ah Li-ion battery	○	○
48V 100A charger (European-style three-phase four-wire 380V)-REMA320	○	○
48V 150A charger (European-style three-phase five-wire 380V) - REMA320	○	○
Curtis controller	●	●
Display	●	●
PIN code	○	○
Warning light	○	○
Trailer power connection device: aerial plug	○	○
Trailer power connection device: aviation connector	-	○
Seat armrest	○	○
UK plug	○	○

● Standard ○ Option

# EQLine

## 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.**

Compact, highly manoeuvrable and precisely controlled, our tow trucks navigate restricted spaces with ease. At the same time, they offer rapid performance, high stability and rugged dependability.

Comfortably seated operation keeps your driver productive, whatever the distance and however long the shift. Effective vibration damping, thanks to rubber shock absorption on both axles, adds extra luxury. Low-effort steering also minimises strain and fatigue.

With powerful AC traction and control, you can expect fast but smooth movement of large trailer loads. Choose between 3.0 or 6.0 tonne capacities. Meanwhile, Li-ion technology gives you the potential for virtually non-stop productivity.



## LOWER COST OF OWNERSHIP

- High-quality, robust construction ensures reliable operation over a long lifetime, with minimal servicing and repair needs.
- AC drive motor promises a long service life with low maintenance needs.
- Li-ion batteries give maximum lifespan, efficiency and runtime, with no need for water top-ups or other maintenance.
- Display includes fault warnings, enabling timely attention to prevent damage.
- PIN code access option prevents unauthorised use.

## UNMATCHED PRODUCTIVITY

- Compact design enables easy manoeuvrability in narrow and congested areas.
- Coasting button allows fine adjustment of truck movements, for precise control and less risk of collisions.
- AC drive motor and controller enable high-powered, rapid and smoothly controlled operation.
- High-capacity Li-ion battery gives powerful performance and long runtime between charges. (51.2V/206Ah for 3.0 tonne; 51.2V/277Ah for 6.0 tonne.)
- Li-ion technology makes continuous operation possible, without battery changes, using fast opportunity charging during short breaks.
- Advanced battery management system (BMS) optimises power, lifetime and safety.
- BDI (battery discharge indicator) supports optimal timing of battery charging/changing.
- Coupler with three height settings ensures reliable connection to a variety of trailers.
- Trailer power access unit allows connection to electricity supply.

## SAFETY AND ERGONOMICS

- Comfortable seat and spacious operator area minimise driver tiredness and fatigue in applications involving long distances and shifts.
- Armrest option adds further comfort.
- Low-effort steering wheel avoids strain.
- Standard lighting includes front and rear work lights, a flashing amber light and a blue floor spot for see-and-be-seen safety.
- Warning light option additionally alerts pedestrians and other truck operators to the truck's presence.
- Rear mirrors aid all-round view.
- 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



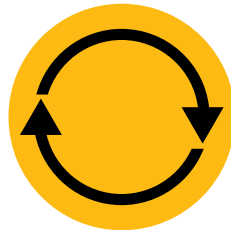
## LONGER RUNTIME

– 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

[info@catliftruck.com](mailto:info@catliftruck.com) | [www.catliftruck.com](http://www.catliftruck.com)

WESC2591(04/26) © 2026 Logisnext Europe B.V. All rights reserved. CAT, CATERPILLAR, LET'S DO THE WORK, and their respective logos "Caterpillar Corporate Yellow", the "Power Edge" and Cat "Modern Hex" trade dress as well as corporate and product identity used herein are trademarks of Caterpillar used under license and may not be used without permission from Caterpillar. Specifications are indicative and may vary depending on operating conditions. Failure to assess all factors may result in performance deviations. All relevant sales support materials and technical expertise of the official distributor must be considered when identifying the best product/solution. Options and technical details may change without notice. Full legal notice and up-to-date product information: [www.catliftruck.com](http://www.catliftruck.com).



WATCH  
VIDEOS



DOWNLOAD  
OUR APP

