



High Productivity
Lithium Ion powered
electric truck.

ERP70SVNL, ERP80SVNL, ERP80VNL9, ERP90VNL

A unique concept in a forklift truck.

Yale® is committed to developing industry leading forklift trucks that provide excellent productivity, ergonomics and cost of ownership.

The new ERP70-90VNL is the first in the line of Yale's new generation of high performance electric trucks for use in demanding and tough applications capable of effective ICE displacement. The truck delivers combustion engine-like capability in traction and lift, with fast lifting and lowering speeds, acceleration and travel speed.

The series is robust and responsive, with precise handling powered by a high capacity, high voltage (350v) integrated Li-ion battery. Achieving long periods of truck operation before recharging with the ability to be rapidly charged to 100% (state of charge) from flat within 80 minutes. It is ideal for applications within the paper, timber and metal industries, both on an application basis and economically.

FEATURES:

- Lithium Ion Battery – capable of supporting intensive three-shift operation without battery exchange (via fast opportunity charging), without performance reduction irrespective of application conditions
- CSE (Continuous Stability Enhancement)
- Highly efficient drive and lift system employing high system voltage (350v), liquid cooled permanent magnetic motors and controllers
- Durable and reliable, shares key components, front end, mast, chassis from the Yale 7-9t ICE trucks
- Noise level 69dbA
- Wide range of 8t options available
- Lift and drive motors are fully independent, meaning there is no drop in performance when carrying out simultaneous moving and lifting operations.



LI-ION BATTERIES

Li-ion batteries are now offered as an integrated solution from Yale, streamlining your energy requirements for electrically driven forklifts, achieving payback on the initial cost in less than two years in multiple-shift applications.

The battery and charger are inherently energy efficient, saving up to 30% in energy costs compared with lead-acid battery powered trucks

The working life of Li-ion batteries is significantly longer than the conventional alternatives. A Yale integrated Li-ion battery can provide 4 times the delivered energy of a lead acid battery before replacement.

They also offer quick and efficient opportunity charging, which can be carried out, close to work areas or break rooms, enabling trucks to be charged when unused. As such, the Li-ion eliminates battery changeovers and saves on both travel and handling time, helping to increase productivity.

Li-ion batteries cut down on maintenance requirements too, as they are sealed and do not require topping up or equalisation charging. Seen as a more environmentally attractive solution for power, Li-ion batteries contain no heavy metals such as cadmium or mercury and are also free of the gassing normally associated with lead acid batteries, resulting in a lower CO2 footprint.

Speedy, smart and sustainable, Yale Li-ion batteries can reduce the total cost of ownership of your truck and increase the productivity of your people.

Key features.

STANDARD FORMAT TRUCK

2 stage limited free lift or 3 stage full free lift masts with full radius load rollers.

Mast design delivers excellent through-mast visibility and rigidity, boosting user confidence.

Dash display transmits continuous feedback to the operator of the truck's status and is positioned for optimum visibility.

Operator compartment with clear unobstructed foot space. Low intermediate step height for easy three-point entry and exit.

Overhead guard mounted display.

Highly adjustable steering column and ergonomically positioned operators seat with integrated armrest incorporating mini-levers for hydraulic control and other key functions.

Grammer Primo L air-suspension seats have low-profile suspension, optionally available with pneumatic or mechanical suspension and quick weight adjustment. The broad, ergonomic seat cushions and the adjustable armrests support the body as optimal as the backrest, where the angle is adjustable from -5° to $+30^{\circ}$.

Isolated powertrain and full suspension seat with whole body vibration levels of 0.6m/s^2 .

COMPACT FORMAT TRUCK

Rear drive handles with horn button.

Precise low-speed control.

Auto deceleration system (ADS) helps reduce operator fatigue.

Controlled and responsive acceleration (eDrive) and deceleration (eBraking).

Latch holds back doors for warm weather use without removing the doors.

Intellix™ Vehicle Service Manager (VSM), all vehicle systems are managed electronically to optimise performance and increase reliability.

Enhanced diagnostic capabilities allow maximum uptime and truck performance can be customised to suit application needs.

Smooth electronic inching, shift and neutral start with brake interlock.



About Yale®



Yale is a leading global manufacturer and supplier of high-quality counterbalance forklift trucks, warehouse equipment and fleet solutions. 'People, products and productivity' sums up our approach to the materials handling business. With over 140 years' experience, we are proud of our reputation as an innovative, forward-thinking manufacturer.

Yale dealerships provide flexible truck servicing solutions and are linked to one of the industry's most sophisticated parts distribution operations. You'll find support for Yale forklifts throughout the EMEA region – provided by a big regional footprint stretching through Europe, Middle East and Africa.

MATERIALS HANDLING FOR:



Automotive



Beverage



Chemical



Construction



Food



Logistics



Metals



Paper



Retail



Wood

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