

Range Overview

1.3 - 2.0t Three Wheel Electric
Forklift Trucks



Utility you can trust[™]



Utility you can trust™

In today's fast moving world, there is a constant drive to have goods transported from one location to another efficiently, at low cost and on time, to satisfy the needs of both industry and consumers.

To meet these demands, the UTILEV® range of affordable forklift trucks delivers reliable and cost-effective materials handling solutions for applications across many industries, particularly where users require equipment without advanced functionality or attachments.

UTILEV trucks deliver a no-nonsense, uncomplicated approach to materials handling. The product range has been designed to be easy to operate and maintain, backed up by a standard warranty and comprehensive parts availability.

Furthermore, a network of experienced distributors is on-hand to provide maintenance and support, whenever it is required.

Simple to Use, **Easy** to maintain and **Affordable** to Own:

UTILEV - Utility you can trust.



UTILEV® forklifts offer an ideal solution for operations where the truck is required to work for limited periods in the working week.

The Range

The range of 3-wheel Electric counterbalance forklift trucks is available in five different capacities:

**1.3t - UT13PTE • 1.5t - UT15PTE • 1.6t - UT16PTE
1.8t - UT18PTE • 2.0t - UT20PTE**

Each model features AC Technology drive and hoist motors with Curtis Controllers. A range of front-end equipment options is available, to suit varying application requirements.

Simple to Use

The ergonomically designed operator compartment, with a familiar automotive layout, means that drivers will be able to work comfortably, preventing tiredness during handling operations.

A range of standard features and options help to ensure that the truck is configured to the needs of the application.

Easy to Maintain

Thanks to the simplicity of the components and specification, plus the in-built diagnostics accessed via the dash display, servicing can be carried out quickly and easily, even when PCs, laptops or other diagnostic tools are not available.

Affordable to Own

The use of proven, high quality, robust components, AC Technology, oil-immersed brakes and efficient hydraulics result in reliable operation and lower wear and tear. This - together with the fast availability of cost-effective replacement parts - helps to reduce service and maintenance requirements and costs.

Utility you can trust™

Features Overview

Front End

The range of rigid Class II 2-stage LFL and 3-stage FFL masts feature heavy sections and large diameter rollers and are compatible with factory fitted carriages, forks and integral sideshift. The mast design also assists in reducing load damage, as the excellent visibility helps to ensure precise handling.

Masts are mounted on the frame for maximum stability, supported by large tilt cylinders with fine rod threads and spherical bearings. The widely spaced mast channels ensure the operator has an excellent view of both the load and the operating environment.

The carriages are Class IIA and are made from high tensile steel sections. The optional integral sideshift features a machined structure of tensile steel bars and a double-ended hydraulic cylinder.

Hydraulics

High quality cylinders and hard chrome burnished and polished rods reduce seal wear, for long life and minimum fluid contamination.

To keep the oil clean, there is a full-flow, low pressure filter on the return line. Oil cleanliness helps to minimise seal and pump wear and keeps the control valve in good condition, keeping service costs low. The hydraulic tank features a dipstick and oil breather.

The hydraulics are operated through levers mounted next to the seat, with a standard arrangement of 2-valve, 2-lever.

Brakes

The standard, fully-enclosed Oil-immersed Brakes little maintenance and together with regenerative braking, offer excellent stopping capability. The truck also features an automotive style parking brake, located on the cowl.

Frame & Counterweight

Made from steel, the frame is extremely durable for a long life and features an integrated hydraulic oil tank. Both the hydraulic and drive motor components are protected against the ingress of both dirt and water. Service access to the controllers (located in the counterweight) is easy - at waist height - helping to minimise service time.

The compact and robust design of the truck enables the driver to complete handling tasks quickly and efficiently, with a low risk of damage to either the truck or the load.





Operator Compartment

A wide, low-mounted, non-slip, intermediate step with good grip plus large grab handles allow the driver to get on and off the truck easily. The standard seat offers superior comfort and lumbar support and the excellent view through the mast ensures the operator can work efficiently throughout the day.

The wide mast, low cowl and high seating position give the operator an excellent view of the forks and of the way ahead, reducing the risk of load damage or collisions. Well positioned lights ensure optimum vision to both the front and rear.

The automotive-style controls ensure ease of operation. The dash display includes performance parameter and fault code information, hour meter, battery level indicator and drive wheel alignment indicator.

The small diameter steering wheel features light, precise steering and is tilt adjustable for optimum comfort. The manual hydraulic controls are mounted next to the seat and are within easy reach. A 3rd function lever is available as an option.

The uncluttered floor plate offers excellent foot space with well-placed accelerator and brake pedals and provides plenty of leg room to help the driver work comfortably.

Electronics

AC Technology features brushless motors which are protected against the ingress of dirt and water, to minimise damage and servicing costs. Roll-back is almost eliminated and higher travel speeds are attainable.

Both drive and hoist systems are fully adjustable to suit the load, the working area and the operator - more than 30 performance parameters can be adjusted to suit the type of load, operating environment and skill of the driver. In built diagnostics record intermittent faults and service requirements, reducing expensive service time.

Curtis AC Controllers optimise battery power, particularly helpful on ramps and long runs as well as high lifts. The truck is available with fully accessible 48V batteries with 500-750Ah capacity.

Wheels and Steering

The on-demand hydraulic power steering, combined with twin drive-motor system, delivers superb manoeuvrability and low energy consumption. The low steering force required further enhances operator comfort. The wheels feature a conventional rim assembly with dual superelastic tyres.

Drivetrain

Both axles are designed for durability and longevity. The compact drive axle features twin AC Technology brushless drive motors, readily accessible from either the front or above, minimising servicing time.



Servicing

UTILEV® trucks have been designed to be easy to service and maintain, with a focus on minimising both downtime and service costs. Thanks to the simple specification, well trained, experienced mechanics are perfectly qualified to conduct checks, carry out routine maintenance and repair faults. This means that customers are free to make the choice whether to service the trucks themselves, or should they prefer, rely on the expertise of the service personnel at the authorised dealer for UTILEV trucks.

The clever design elements of the UTILEV Electric trucks, such as maintenance free oil-immersed brakes, and the fact that regular service items have been placed in easily accessible locations, means that maintenance is fast, efficient and low cost.

Thanks to the simple specification, an experienced mechanic will be able to ensure that servicing is quick and easy and first time fix rates are high. Furthermore, technical support is always on-hand from the authorised dealer for UTILEV trucks, should it be required.

Replacement parts are fast and cost-effective to obtain, further reducing downtime and costs. Standard service intervals are 500 hours and the trucks have a standard warranty of 2000hrs / 12 months.

Options

UTILEV trucks feature a comprehensive range of standard equipment, however a number of options are available to suit the specific needs of your application, including:

- A Range of 2-stage LFL and 3-stage FFL Masts
- Various Fork Lengths
- 3-way Valve and Hose Group
- Integral Sideshift
- Full-suspension Seat
- Rear Working Light
- Non Marking Tyres
- 500-750Ah Batteries

For more information, please contact your authorised dealer for UTILEV trucks.

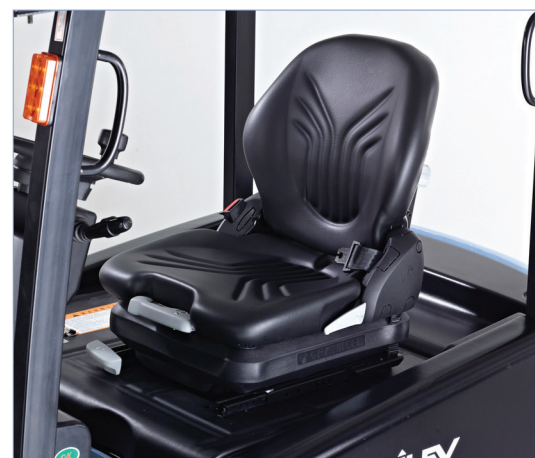


Dealer Network and Aftermarket Service & Support

The UTILEV® product range is backed by a network of independent, experienced dealers, who offer a wide range of support services to their customers. Authorised dealers for UTILEV trucks are selected for their expert understanding of the requirements of a vast array of materials handling applications, and also because they appreciate the varying needs of the customer.

An authorised dealer for UTILEV trucks provides a local, personal service to its customers, offering sales advice, such as application surveys, to ensure the right truck is selected for your operation, developing service and maintenance programmes, which suit the needs of your application and your balance sheet, as well as technical advice and training on the product.

In addition, the dealer is your first point of call for high-quality, approved replacement parts. Authorised dealers for UTILEV trucks are required to have the most common parts in stock at all times, with the remaining parts easily available from the central parts distribution centre.





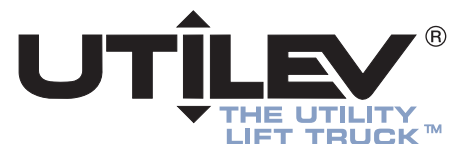
The UTILEV® range of affordable forklift trucks delivers reliable and cost-effective materials handling solutions for applications across many industries, particularly where users require equipment without advanced functionality or attachments.

Simple to Use, **Easy** to Maintain and **Affordable** to Own.
UTILEV - Utility you can trust™.

Call: +44 1276 538500

Email: marketing@utilev.com

SAMPLE



These trucks conform to current legislative requirements.
Specification is subject to change without notice.
Trucks shown with optional equipment.

Publication part no. U00032 Rev.02. Designed in The United Kingdom.
© NACCO Materials Handling Ltd 2014. All rights reserved.

UTILEV is a registered trademark.
THE UTILITY LIFT TRUCK and UTILITY YOU CAN TRUST are trademarks in the United States and certain other jurisdictions.
NACCO Materials Handling Limited, Centennial House,
Frimley Business Park, Frimley, Surrey, GU16 7SC, United Kingdom.
Tel: + 44 (0) 1276 538500, Fax: + 44 (0) 1276 538559
www.utilev.com