

Linde

**Designed and Built to Maximize
Your Investment in Man and Machine.
H16-18-20-20/600CT & CD and
H25CT/600 Cushion Tire Lift Trucks.**



Linde

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ANSI CLASSIFICATION: Standard truck meets all applicable mandatory requirements of ANSI/ASME B56.1 standards for powered industrial trucks.
NOTE: Performance data may vary due to motor and system efficiency tolerances. The performance depicted represents nominal values obtained under typical operating conditions. Metric dimensions are in millimeters unless otherwise specified. All metric dimensions are not direct equivalents due to rounding data. The descriptions and specifications included on this data sheet were in effect at the time of printing. Linde Material Handling North America Corporation reserves the right to make improvements and changes in specification or design without notice and without incurring obligation. Please check with your authorized Linde dealer for information on possible updates or revisions.

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Cushion Tire Trucks: H16-18-20-20/600CT & CD and H25CT/600

Featuring

- CAD/FEM Design
- Construction Machinery Style Driving Power
- Drastically Reduced Maintenance Expense
- Lowest Total Cost of Ownership
- Unrivalled Performance
- Time Tested Durability
- Ergonomic and Environmental Excellence

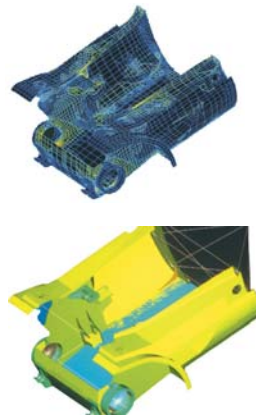
The H16-18-20-20/600CT & CD and the H25CT/600 range of cushion tire, engine powered trucks covers capacities from 3,000-5,500 pounds. Based on the highly successful pneumatic tire machines, they represent the ideal solution to the wide range of problems encountered in today's ever more demanding and abusive warehousing environment. Constant stop and go operation resulting in excessive wear and tear on brakes and transmissions as well as overheating, is an all too common scenario encountered in these tough applications. **Solution: The Linde HC range featuring no friction brakes and no transmissions, so efficient they will cut your fuel bill by up to 50%.**



H25CT/600

CAD/FEM design

Linde internal combustion engine powered cushion tire trucks are designed and built with a specific purpose in mind. Our goal is to help our customers maximize their investment in man and machine. All Linde H-trucks are the products of meticulous design parameters utilizing CAD (Computer Assisted Design) and FEM (Finite Element Modeling) techniques. These procedures validate truck design prior to production and in combination with prototype destruction testing, assure that every Linde truck is built to the highest standards of reliability and durability. The global engineering tradition and expertise of Linde, the world's largest lift truck manufacturer, is an ever-present asset found in every truck we manufacture.



CAD/FEM Animation

Construction machinery style driving power

Why do so many manufacturers of heavy-duty off-road construction machinery specify Linde drive systems? The simple answer lies in the unmatched performance and durability designed and built into every Linde hydrostatic drive. Originally designed for use in bulldozers, loaders and excavators, The hydrostatic drive systems found in our lift trucks are built to save you money. Literally designed to push, pull and bulldoze loads, the Linde HC range will out-perform all automotive torque converter type transmissions found in the marketplace.



Excavator

Bulldozer

Ergonomic excellence

Ergonomic excellence defines the Linde HC range of lift trucks. Shock-mounted operator cells are spacious and fully sound insulated limiting the noise level at the operator's ear to a maximum 72-76 decibel average.* A large cushioned and sound insulated floorboard features the patented Linde twin-pedal directional control system with standard parking brake pedal. All hydraulic as well as travel controls and diagnostic functions are on-demand and easily programmable using a laptop computer, via the new LHC (Linde Hydraulic Control) system.* This revolutionary and exclusive ergonomic enhancement takes the guesswork out of day-to-day truck operation by automatically selecting the ideal engine RPM for any and all required truck applications/tasks. The application of power with intelligence yields smooth, quiet, precise and fuel-efficient operation resulting in reduced driver stress, a higher level of productivity and reduced merchandise damage. Shock mounted drive/steer axles and main hydraulic control valves eliminate vibrations and protect these major components in especially abusive environments. In order to complete this exceptional ergonomic package Linde equips every truck with a Grammer premium three-way adjustable, full-suspension operator bucket seat as standard equipment.* On the business end of every Linde cushion tire truck you will find high strength uprights designed to optimize driver visibility. Outer "C-Channel" mast construction combined with inner interlocking "I-Beams" and heavy-duty roller bearing mounted fork carriage result in exceptional upright strength and durability. Due to the absence of a ring and pinion style drive axle gear reduction unit, not required with the Linde hydrostatic drive system, uprights can be mounted closer to the truck chassis resulting in exceptional base as well as residual capacities throughout the range. The available Linde integral-side-shifter does not detract from truck base capacity ratings.



H20CT/600

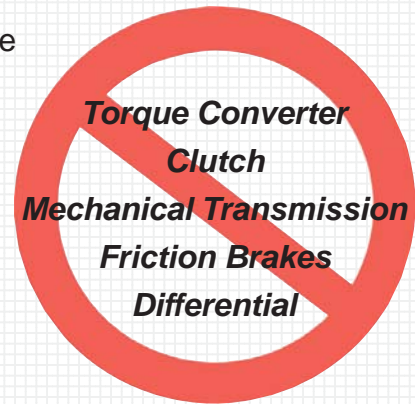
Environmentally sound

The overall design of the Linde HC range translates into products that experience a longer economic life while consuming fewer parts along the way. Extended engine maintenance intervals as well as reduced fuel consumption, noise and exhaust gases, contribute to a friendlier working environment and help reduce operator stress. By only requiring engine oil/oil filter changes every 500/1,000 operating hours the accumulation of waste oil is reduced significantly. At the same time, all Linde LP and CNG powered lift trucks feature 3-way catalytic exhaust purifiers as standard equipment. A wide variety of recycled materials are utilized in the manufacturing process and company mandated recycling policies insure that Linde Material Handling North America Corporation utilizes all available means to protect our environment for future generations.

The Linde HC Range

Drastically reduced maintenance expense

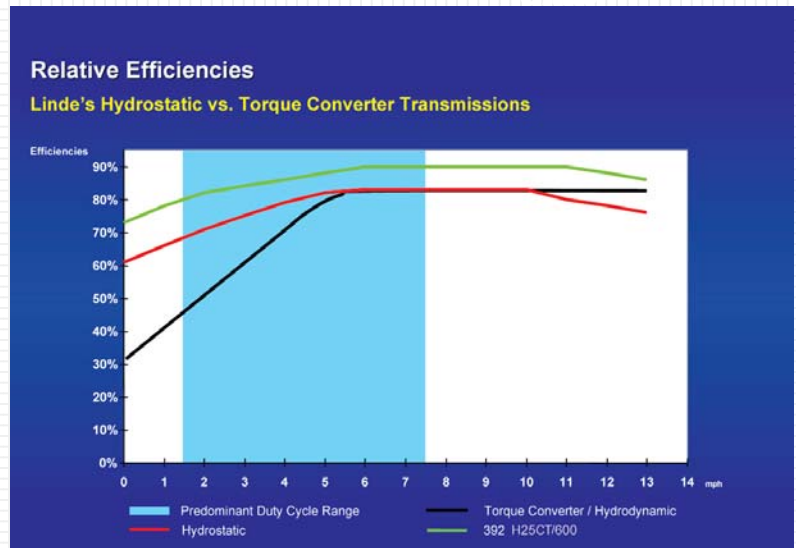
Featuring the patented Linde hydrostatic drive system, these trucks are perfectly suited to the rigors of constant stop/go/forward/reverse duty cycles. Linde technology completely eliminates the typical maintenance problems so often encountered in this environment. Truck overheating, excessive brake wear/fade and transmission failures all constitute documented problems associated with the use of torque converter type lift trucks in demanding warehouse shuttle applications. The Linde HC range will eliminate these typically pervasive, disruptive and expensive problems in your operation.



High wear lift truck components

Lowest total-cost of ownership

The high starting efficiency inherent to Linde hydrostatic drive, when compared to trucks fitted with torque converter transmissions, allows for drastically reduced engine speeds throughout the trucks entire operating range. This exclusive design feature translates into lower fuel consumption, longer engine life and extended engine service intervals (up to 1,000 hours).* When combined with built-in automatic wear-free “dynamic braking,”* a standard feature eliminating friction brake wear, you arrive at a series of trucks perfectly designed and built to maximize productivity, while yielding the lowest possible total cost of ownership.

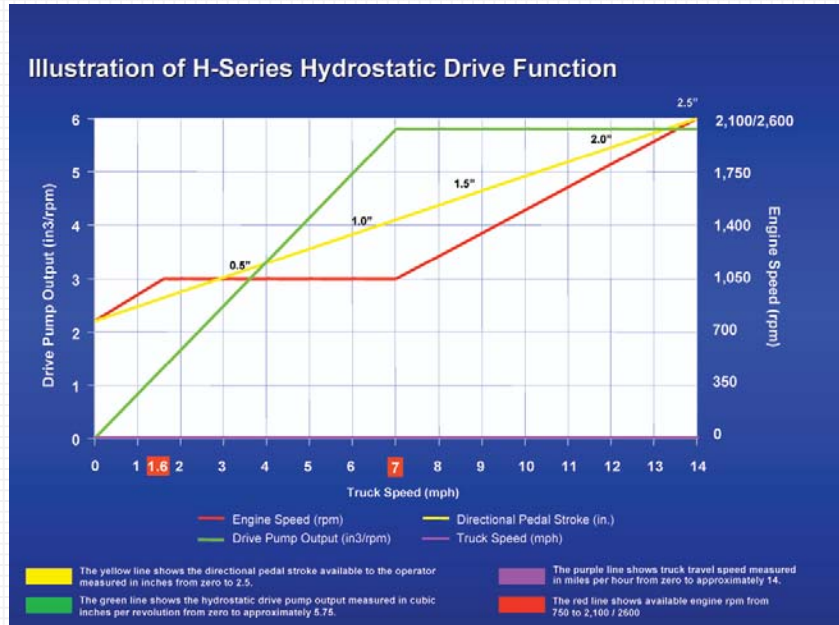


* Exclusive Linde feature

Built To Maximize Your Investment

Unrivaled performance

The new H16CT/CD to H25CT/600 models feature EPA compliant VW four cylinder overhead cam engines. These proven motors have been in service with Linde for over 20 years. Renowned for their durability, fuel efficiency and ultra clean burning characteristics, these engines are governed to low maximum speeds in order to attain maximum fuel efficiency with the lowest possible noise and exhaust gas emissions. Even more significant is the fact that the engines are adjusted electronically to operate at a maximum speed of just 1,050 RPM in forward/reverse travel mode from 2.0-7.0 MPH.* This represents the predominant duty cycle range for engine-powered cushion tire lift trucks. Due to the high efficiency of the Linde hydrostatic drive system this extremely low engine speed is more than adequate to easily provide ample power for all required truck tasks. The application of power with intelligence helps the user maximize their investment in man and machine.



Time tested durability

All Linde H-trucks feature an exclusive chassis belly-pan.* This under-truck protective steel plate covers 100% of the chassis underside making it impossible for moisture, dirt, corrosives and banding materials to enter the engine compartment. The belly-pan also adds strength and rigidity to the overall chassis design while simultaneously containing engine noise. A conveniently placed insert can be quickly removed to gain access to the engine oil drain plug. The HC range also features sealed and pressurized hydraulic oil sumps. The typical tank breather system found on the competitions trucks, draws contaminants into the truck hydraulic circuit on a continuous basis. Linde's exclusive sealed tank design eliminates hydraulic oil contamination in even the dirtiest, most abrasive environments.*



Linde belly-pan*