



## CUSHION TIRE FORKLIFTS

XHC-600L · XC Series







Cushion Tire Lift Truck

**XHC-600L**

Cap. 60,000-lbs @ 36" L.C.



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**ENGINEERING THE ULTIMATE LIFT TRUCK**

Featured truck is shown with available options.

## AVAILABLE CAPACITY, LOAD CENTER & WHEELBASE

**Capacity:** 60,000-lbs. (27,216 kg) **Load Center:** 36-in. (914 mm) **Wheelbase:** 125-in. (3,175 mm)

### Standard Features:

#### Engine:

- Cummins QSB6.7 (173-hp) Tier 4 Final diesel engine

Tier 4F Final engines are equipped with: Urea (DEF) Diesel Exhaust Fluid with 5-gal tank, (SCR) Selective Catalytic Reduction, (DOC) Diesel Oxidation Catalyst, cooled exhaust gas recirculation, diagnostic and maintenance monitor, fuel/water separator and engine/transmission protection systems.

#### Warning:

Ultra Low Sulfur Diesel Fuel is required for all Tier 4F engines. (See Service Manuals for detailed Diesel fuel requirements for storage and usage.)

API CJ-4 Low Ash engine oil

Ethylene Glycol Antifreeze (Low Silicate) (GM 6038-M or ASTM D3306 & D 6210)

#### Warning:

The use of any fluids, in TIER 4 Final engines, other than those specified above may result in engine damage and could effect emissions and result in fines by the E.P.A.

- 5-gal DEF tank
- 50-gal fuel tank
- Donaldson air cleaner w/ safety element
- Air restriction indicator
- Electronic diagnostics
- Built-in emergency shut-down system for engine and transmission
- All service and daily checks can be made easily from the running boards
- 95-amp alternator

#### Cooling System:

- Bolted 3-section cooling system
- Engine charge air cooler, engine coolant air cooler, transmission oil air cooler, and a separate wet disc and hydraulic oil air cooler
- Wide fin spacing to reduce dirt build-up and provide optimum engine cooling (6.3 FPI compared to 10 FPI)

#### Electrical System:

- 24-volt dual battery system
- Color coded wiring
- One piece flip-down instrument panel
- Reset circuit breakers
- 8 LED work lights
- Key-switch actuated amber strobe light
- Reverse-actuated warning alarm

#### (TICS) Taylor Integrated Control System:

- 7" touch-screen display mounted into the instrument panel
- Gives customers the ability to customize operation parameters of their Taylor lift truck and perform diagnostics, which eliminate excessive downtime.
- Interface is easy to understand and user friendly.
- Troubleshooting and Diagnostics - most issues can be diagnosed by the customer's own service mechanic without involving a service call.
- Displays Fuel usage, Idle times, Lift counts, Load scales, Service intervals, Engine data, Displays transmission data
- Monitors hydraulic system
- Gives ability to limit travel speed and control shifting
- Tuning functions are password protected to prevent operator access
- Customizable machine parameters **and much, much more.**

#### Transmission:

- 3-speed, modulated powershift transmission with APC
- Push-button electronic joystick directional controls
- Separate air-to-oil cooler

#### Drive Axle:

- Bolted heavy-duty planetary drive axle
- Hypoid ring gear and pinion

#### Steer Axle:

- Extra heavy-duty design
- Single hydraulic cylinder
- Heavy-duty steer links

- Spindles have tapered roller bearings

#### Hydraulic System:

- 49-gal capacity hydraulic tank
- Spin-on tank breather
- Wire-mesh strainers
- Full-flow 10-micron return-line filters with replaceable element in the tank
- Durable gear-type pumps
- Sectional control valves
- Tilt-lock valve reduces mast drift and torsional stress
- Electronic fingertip joystick controller

#### Chassis:

- All welded frame with integral counterweight

#### Mast & Rollers:

- 9-ft. Direct lift telescopic mast
- Mast main rollers have tapered roller bearings

#### Carriage & Forks:

- 88-in. wide C-type carriage
- Carriage main rollers have tapered roller bearings
- Adjustable side bearings
- 5-in x 10-in x 72-in forks are pin-mounted and fully adjustable
- Safety-Red forks are hammer forged from heat treated steel

#### Cab:

- Heavy-duty, all-steel construction
- Easily replaceable glass throughout
- Spacious 2-door access with hold-back latches
- High visibility T-shaped dash with 7" touch-screen display
- Tilt steering and convex, wide angle, rear view mirrors
- Climate control system has a 32,000-BTU heater and a circulation fan (optional AC available)
- Adjustable vinyl air suspension seat with adjustable arm rest
- Adjustable seat has 15° left & 20° right rotation
- Dual USB ports

**Lowest total cost of ownership in the industry... *Taylor BIG RED!***





# XCSERIES

## XC-180S

XC-180SL Lower Height  
For Access Inside Containers

## XC-200S

XC-200SL Lower Height  
For Access Inside Containers

## XC-220S

XC-220SL Lower Height  
For Access Inside Containers

80-in. Wheel base

56.5-in. Overall Width

XC-180S - 200S

121-in. Turn Radius

XC-220S

126-in. Turn Radius

## XC-250M

## XC-300M

88-in. Wheel base

56.5-in. Overall Width

XC-250M

135-in. Turn Radius

XC-300M

138-in. Turn Radius

## XC-350L

98-in. Wheel base

60.5-in. Overall Width

XC-350M

149-in. Turn Radius



\* Truck featured is equipped with optional  
TIER certified Cummins diesel engine.

FAITH VISION WORK



***Greater productivity through superior design.***





# Balance of Size & Power

## The perfect balance...

Introducing the all new XC Series of cushion tire lift trucks. Boasting a 56.5" wide chassis, 6 models and 3 wheelbases, we have a model to suite your particular needs... There is one for any job.

The XC Series is designed to fit into narrow aisle spaces, yet maintaining a lift capacity of 18,000-lbs to 35,000-lbs and keeping a turn radius as tight as 120-inches.

With its powerful 125-hp GM Vortec V8 engine and Dana series transmission, you will have all the power you will need to get the job done with ease.

## A new generation of cushion tire lift trucks is born.



The chassis is 56.5" wide and has a turn radius as tight as 121"...without sacrificing power, operator comfort or stability.

# Service is Simple

## Making the service simple...

We have engineered this line of machines to be as durable as possible. All machines need maintenance at some time. Utilizing the space inside the 56.5" wide chassis was necessary to assure that the daily checks and maintenance could be performed with ease.

We have designed features into the XC Series specifically with maintenance in mind, such as:

- Tilting operator seat
- Hinged dash panel
- Removable floor plate
- Heavy-duty swing-out / flip-down LP gas tanks
- Large gull wing doors over the engine compartment
- Bolt-on counterweight for easy removal



So many great features  
in such a small space!



Simple, removable floor plate further adds to the access of the drivetrain.



Dual, heavy-duty, swing-out / flip-down mounts for easy removal of LP gas tanks.



Large, hinged doors provide easy access to engine and transmission daily service points.



## Strength and Dependability...

The new XC Series is unlike anything else in the market.

We have engineered this line of machines to be as reliable and durable as possible. Reliability, service, comfort, power, and performance were the driving force in the design of this new generation of cushion tire truck.

The smooth and dependable action of the 125-hp LP gas engine (optional turbo diesel engine also available) with its three speed extreme-duty transmission, massive planetary drive axle, and proven single cylinder design steer axle set inside the rugged, compact chassis lets you know instantly that you are driving something different.

With the unbeatable 24/7 support provided by Sudden Service, Inc., the XC Series of cushion tire trucks is clearly the right choice.

## Finally, a cushion tire truck you can depend on...



**Load...**



**After Load...**



**After Load.**



# X<sup>2</sup>C SERIES



Tilting operator seat gives easy access to drivetrain components.

# Strength & Dependability



A New Generation Is Born!



# X<sup>C</sup> SERIES



**XC-180S & 180SL** (SL models have lower overall height for container access)  
 Rated Capacity 18,000-lbs. (8,165 kg) 24-in. (610 mm) Load Center  
 Alt. Capacity 16,000-lbs. (7,258 kg) 30-in. (762 mm) Load Center  
 Alt. Capacity 14,000-lbs. (6,350 kg) 36-in. (914 mm) Load Center  
 80-in. (2,032 mm) Wheelbase

**XC-200S & 200SL** (SL models have lower overall height for container access)  
 Rated Capacity 20,000-lbs. (9,072 kg) 24-in. (610 mm) Load Center  
 Alt. Capacity 18,000-lbs. (8,165 kg) 30-in. (762 mm) Load Center  
 Alt. Capacity 16,000-lbs. (7,258 kg) 36-in. (914 mm) Load Center  
 80-in. (2,032 mm) Wheelbase

**XC-220S & 220SL** (SL models have lower overall height for container access)  
 Rated Capacity 22,000-lbs. (9,979 kg) 24-in. (610 mm) Load Center  
 Alt. Capacity 20,000-lbs. (9,072 kg) 30-in. (762 mm) Load Center  
 Alt. Capacity 18,000-lbs. (8,165 kg) 36-in. (914 mm) Load Center  
 80-in. (2,032 mm) Wheelbase



**XC-250M**  
 Rated Capacity 25,000-lbs. (11,340 kg) 24-in. (610 mm) Load Center  
 Alt. Capacity 22,000-lbs. (9,979 kg) 30-in. (762 mm) Load Center  
 Alt. Capacity 20,000-lbs. (9,072 kg) 36-in. (914 mm) Load Center  
 88-in. (2,235 mm) Wheelbase

**XC-300M**  
 Rated Capacity 30,000-lbs. (13,608 kg) 24-in. (610 mm) Load Center  
 Alt. Capacity 26,500-lbs. (12,020 kg) 30-in. (762 mm) Load Center  
 Alt. Capacity 24,000-lbs. (10,886 kg) 36-in. (914 mm) Load Center  
 88-in. (2,235 mm) Wheelbase



**XC-350L**  
 Rated Capacity 35,000-lbs. (15,876 kg) 24-in. (610 mm) Load Center  
 Alt. Capacity 31,000-lbs. (13,516 kg) 30-in. (762 mm) Load Center  
 Alt. Capacity 28,000-lbs. (12,208 kg) 36-in. (914 mm) Load Center  
 98-in. (2,489 mm) Wheelbase

The new XC Cushion Tire series of propane and diesel powered models offers 18,000 to 35,000 lbs. at 24" L.C. of heavy lift capability for space conscious applications in confined areas.

The standard mast is a 2-stage, telescopic I-beam design that can be safely and easily removed. A variety of mast styles and lift heights are available. The mast and carriage main rollers are common and use sealed roller bearings. The side wear pads are adjustable to compensate for wear.

The lift and tilt cylinders have chrome-plated rods and self adjusting packing. Tilt cylinders are low mounted for increased operator visibility.

The 53-in. (1,346 mm) fork spread, pin-type "C" carriage has a high strength-to-weight ratio and the hammer forged, heat treated, alloy steel forks are fully adjustable. (Optional integral sideshift, fork positioner, carriage available. The forks sideshift and fork position within the carriage.)



Dual, heavy-duty, swing-out / flip-down mounts for easy removal of LP gas tanks.

\* All models are available with either diesel or LP gas systems

# Overview



The one-piece instrument panel flips down for easy servicing. The fully hydrostatic, steer-on-demand, tilt steering system provides constant response at all engine speeds.

Canopy has a bronze tinted, poly-carbonate skyview window.

XC comes standard with an adjustable, partial rotation, (16° left, 24° right) vinyl covered, air suspension seat with arm rests and orange seat belt. The arm rest has an integrated joystick control.

The XC series comes standard with 2 strobe lights, 3 work lights, and stop/turn/tail and back-up lights.

The XC series is only 56.5-in. wide overall with a very short turn radius, engineered and designed to provide both strength and maneuverability.



Deep, wide, 2 step operator access.

The Taylor engineered, single cylinder, steer axle is massive in size and strength, engineered and proven for the most rigorous and demanding of applications.

Planetary drive axle with fully enclosed, hydraulic actuated, oil cooled wet disc brakes with hydraulic accumulator emergency fail-safe back-up capability.

High load, non-marking tires.





# XQ SERIES



# Operator Comfort



Two large convex mirrors give the operator excellent visibility toward the rear.



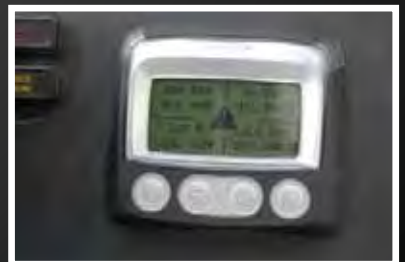
Slim fitting strobe lights, brake/signal lights, and work lights for increased safety and visibility.

The T-shape design of the dash stand is ergonomic while giving the operator more visibility to the front end of the truck and the sides of the mast and carriage areas.

A simple, easy to use joystick is more efficient to operate than multiple levers. The joystick combined with the comfortable armrest reduces operator fatigue dramatically.



Canbus technology is standard on the XC Series. This gives the operator and the service personnel data on all major engine functions.



Anti-restart ignition switch.

Tilt steering is standard on all the XC models.

The three speed transmission with APC (Automatic Powershift Control) gives the operator unmatched control even at high rpm's. *(APC is an electronic transmission shift and speed controller, a pre programmed series of safe operating parameters that will not allow the operator to exceed the safe shift and speed programs.)*

Comfortably positioned pedals offer less stress to the operator's feet and legs. The wet disc brakes offer greater and more dependable stopping power than the old style drum brakes.

Comfort of the operator is vital to productivity. This is the reason we use an adjustable, partial rotating, air suspension seat. This soft, vinyl covered seat with fold down armrests offers the most comfortable operator work area possible.