



NXT24 HOOKLIFT

Highly versatile for handling a wide range of jobs, the NXT24 features a best-in-class lost load height and 24,000-lb capacity. It's designed for 12'to 16' bodies for 130" to 156" CA chassis. For maximum compatibility and flexibility, the bolt-on body lock system provides universal adjustment for either inside or outside locks.

KEY FEATURES

High strength without added weight:

- **Z-rail design:** The base is pre-drilled to allow for efficient installation on the chassis and to allow body saddles to be installed where needed.

Do more with one truck:

- **Dump section:** Integrated body lock mounting holes on the dump section eliminate the need to cut off and weld on locks. On the short and medium versions, the dump section articulates back for best-in-class below-chassis frame reach for 36" containers.
- **Telescopic jib:** Multi-plate design provides a lightweight yet sound structure for handling a wide range of body lengths.
- **Universal latching system:** The industry-leading bolt-on adjustable body locks provide specific adjustment of either inside or outside locks.
- **Adjustable hook height:** Set the hook height to match the lift bar height of a fleet of containers with either manual adjustable or hydraulic adjustable hook inserts. The hydraulic adjustable version features a patent-pending, industry-leading internal hydraulic system to mitigate interference with the front of combination containers.

Best-in-class load height:

- **Compact secondary design:** A lost load height of 8" when combined with the dump section creates a double pivot that delivers a lower below-grade hook bar approach. Accommodates down to 5" subframe heights.
- **Wear pad design:** Integrated replaceable wear pads for easier serviceability.

Timesaving convenience:

- **Lift cylinders:** The integrated soft-stop feature brings the body to rest gently on the body saddles.
- **In-cab controls:** Cable, air or electronic controls allow for precise metering of the manual hydraulic drive.
- **Hydraulic reservoir:** The universal mounting bracket lets you place the 25-gallon (94.6 L) reservoir where you want it on the side of the chassis.

SPECIFICATIONS

Hook Height: Medium Version – Manual or Hydraulic Adjustable 35.63" (905 mm) / 54" (1,372 mm) or 54" (1,372 mm) / 61.75" (1,568 mm)

Lift Capacity: 35.63" HH: 24,000 lbs (10,886 kg)
54" HH: 24,000 lbs (10,886 kg)
61.75" HH: 24,000 lbs (10,886 kg)

Dump Capacity: 24,000 lbs (10,886 kg)

Cycle Times: Tilt/Dump Extend: 3 seconds
Tilt/Dump Retract: 4 seconds
Jib Extend: 29 seconds
Jib Retract: 32 seconds
(Times based on 24 gpm of oil flow.)

Shipping Weight: Manual Adjustable Hook Height
Medium: 36"/54" 3,330 lbs (1,510 kg), 54"/62" 3,585 lbs (1,626 kg)
Hydraulic Adjustable Hook Height
Medium: 36"/54" 3,405 lbs (1,544 kg), 54"/62" 3,680 lbs (1,669 kg)
(Without reservoir and body locks.)

Body Lengths: Medium version: 12' – 16' (3,658 – 4,877 mm)

Min. Truck GVWR: 22,000 lbs (9,979 kg)
26,000 lbs (11,793 kg)

Maximum Hydraulic Flow: 24 GPM (90.8 LPM)

Operating Pressure: 4,500 psi (310 bar)

Valve Bank: Monoblock main valve with electric solenoid, main pressure relief valve and power beyond port.

Load Holding Valves: All cylinders are equipped with counterbalance valves to prevent cylinder collapse in the event of a hose failure.

Hydraulic Pump Kit includes a PTO control module that disengages the PTO if a set RPM is

Kits: exceeded.

Components: Main components are manufactured with high-strength steel. Bushings at all pivot points.
All pins are zinc-plated carbon steel as standard with an option to upgrade to type 17-4 stainless pins.

Finish: All weldments are powder-coated with a primer and top coat enamel finish prior to assembly.

Warranty: Stellar-manufactured structural parts: 3 years
Paint adhesion on Stellar-manufactured parts: 3 years
Purchased parts and labor: 1 year
Labor on Stellar workmanship: 1 year

DIMENSIONS

Description	NXT24 – 36" OR 54" OR 62"
A. Overall Length:	181.53" (4,611 mm)
B. Cab-to-Axle Range:	130" to 156" (3,302 to 3,962 mm)
C. After-Frame Range:	54.50" (1,384 mm)
D. Loader Height:	8.00" (203 mm)
E. Front of Jib to Φ of Roller:	175.63" (4,461 mm)
F. Dump Angle:	63° (1.10 rad)
G. Maximum Tilt Height:	36" HH: 102.08" (2,593 mm) 54" HH: 112.25" (2,851 mm) 62" HH: 117.19" (2,977 mm)
H. Jib Travel:	42" (1,067 mm)
I. Front of Jib to Φ of Hook:	6.44" (164 mm)
J. Hook Below Frame:	36" HH: 11.83" (300 mm) 54" HH: 29.63" (753 mm) 62" HH: 37.44" (951 mm)
K. Lowest Point in Dump*:	21.83" (555 mm)
L. Φ to Back of Roller:	5.88" (149 mm)
M. Minimum Chassis RBM:**	1,300,000 lb-ft (1,762,333 Nm)

*Dimension is based on maximum advertised body lengths.

**RBM = Resistance to Bending Moment



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