



## NXT18 HOOKLIFT

Featuring next-level design and a best-in-class 7.5" lost load height, the powerful 18,000-lb-capacity Stellar<sup>®</sup> NXT18 Hooklift handles 8' – 14' bodies for 84" – 120" 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:

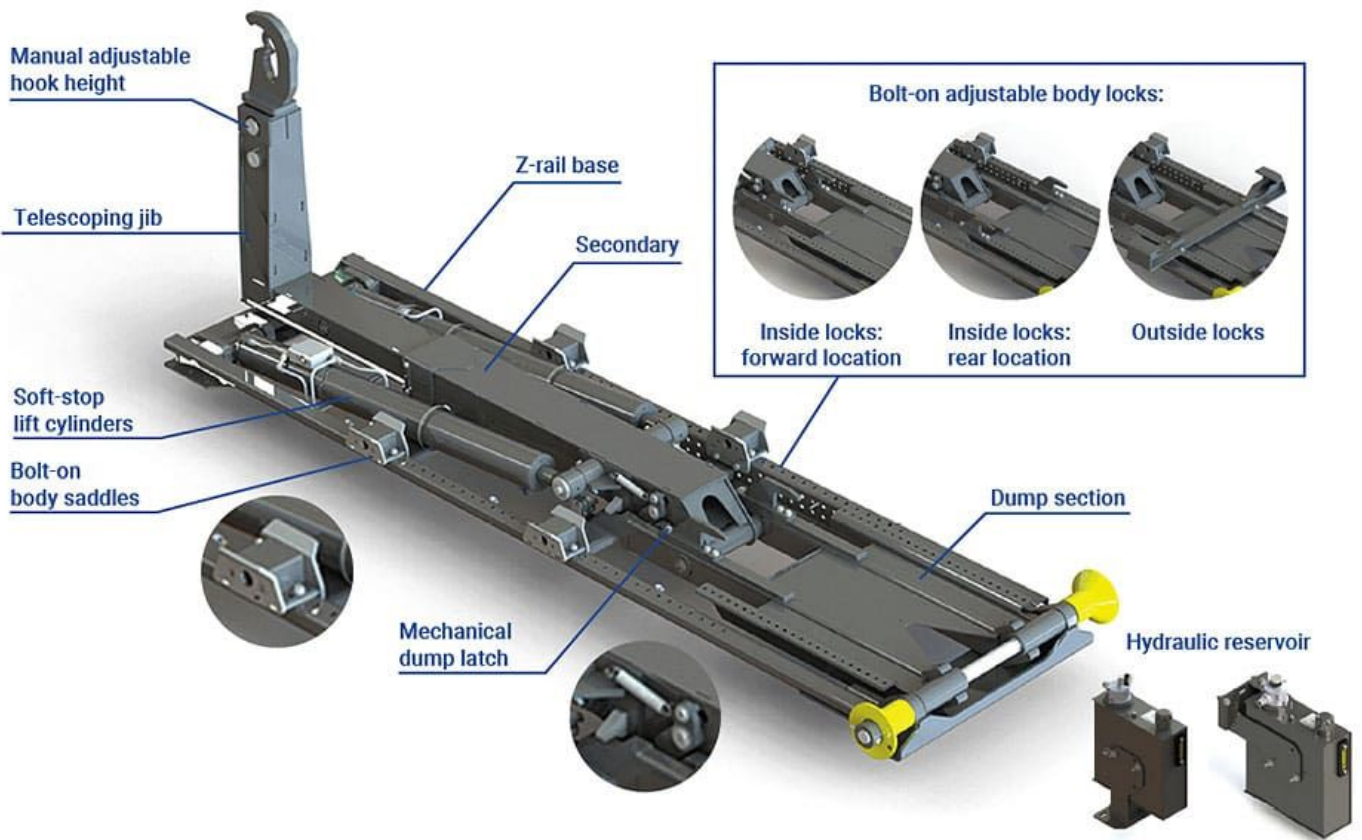
- **Dump section:** Integrated body lock mounting holes on the dump section eliminate the need to cut off and weld on locks.
- **Telescopic jib:** Multiplate design provides a lightweight yet sound structure for handling a wide range of body lengths.
- **Universal latching system:** The industry-leading bolt-on adjustable body locks provide specific adjustment of either inside or outside locks.
- **Manual adjustable hook height:** Set the hook height to match the lift bar height of a fleet of containers.

## Best-in-class load height:

- **Compact secondary design:** A lost load height of 7.5" when combined with the dump section creates a double pivot, allowing a lower below-grade hook bar approach. Accommodates down to 4" 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, and the speed enhancement system for cylinder extension cuts cycle time by up to 30%.
- **Electronic controls:** Programmable logic provides precision hook deployment, and the radio remote control transmitter delivers easy, handheld operation control.
- **Hydraulic reservoir:** The universal mounting bracket lets you place the 8-gallon reservoir where you want it: top mount at the bulkhead or along the chassis frame, or on either side of the unit.



## Cable Hoist Container Hooklift Adapter Kit

Save money by converting your cable hoist containers for use with your NXT18. [Learn more.](#)

# SPECIFICATIONS

Hook Height:	35.63" (905 mm) or 54" (1.372 mm)
Lift Capacity:	35.63" HH: 18,000 lbs (8,165 kg) 54": HH: 18,000 lbs (8,165 kg)
Dump Capacity:	18,000 lbs (8,165 kg)
Cycle Times:	Tilt/Dump Extend: 36 seconds Tilt/Dump Retract: 30 seconds Jib Extend: 5 seconds Jib Retract: 4 seconds (Times based on 16 gpm of oil flow.)
Shipping Weight:	Short Version: 2,100 LB (952 kg) Long Version: 2,400 LB (1,089 kg) (Without reservoir and body locks.)
Body Lengths:	Short Version: 8'-11' 6" (2,438 - 3,505 mm) Long Version: 12'-14' (3,658 - 4,267 mm)
Min. Truck GVWR:	16,000 – 26,000 lbs (7,257 – 11,793 kg)
Maximum Hydraulic Flow:	16 gpm (60.5 lpm)
Operating Pressure:	4,200 psi (289 bar)
Valve Bank:	Monoblock main valve with main pressure relief valve and optional 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 Kits:	Kit includes a PTO control module that disengages the PTO if a set rpm is 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.

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Finish: All weldments are painted with two-part polyurethane enamel prior to assembly.

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Warranty: Stellar-manufactured structural parts: 5 years  
Paint adhesion on Stellar-manufactured parts: 3 years  
Purchased parts and labor: 1 year  
Labor on Stellar workmanship: 1 year

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# DIMENSIONS

Description	NXT18S – 36" or 54"	NXT18L – 36" or 54"
A. Overall Length:	129.19" (3,281 mm)	150.19" (3,815 mm)
B. Cab-to-Axle Range:	84" to 96" (2,133 to 2,438 mm)	108" to 120" (2,743 to 3,048 mm)
C. After-Frame Range:	47" (1,194 mm)	47" (1,194 mm)
D. Loader Height:	7.50" (190.5 mm)	7.50" (190.5 mm)
E. Front of Jib to $\phi$ of Roller:	123.69" (3,142 mm)	147.69" (3,751 mm)
F. Dump Angle:	60° (1.04 rad)	60° (1.04 rad)
G. Maximum Tilt Height:	36" HH: 82.94" (2,106 mm) 54" HH: 95.13" (2,416 mm)	36" HH: 82.75" (2,102 mm) 54" HH: 99.37" (2,524 mm)
H. Jib Travel:	24" (610 mm)	30" (762 mm)
I. Front of Jib to $\phi$ of Hook:	5.63" (143 mm)	5.63" (143 mm)
J. Hook Below Frame:	36" HH: 10" (254 mm) 54" HH: 2.88" (708 mm)	36" HH: 10" (254 mm) 54" HH: 2.88" (708 mm)
K. Lowest Point in Dump*:	16.38" (416 mm)	21.63" (549 mm)
L. $\phi$ to Back of Roller:	2" (51 mm)	2" (51 mm)

\*Dimension is based on maximum advertised body lengths.



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