



NXT68 HOOKLIFT

Setting new industry standards, the Stellar NXT68 Hooklift offers a best-in-class lost load height of 12.5" and impressive capacities, including 68,000 lbs at 62" hook height, 57,000 lbs at 54" hook height and a remarkable 68,000-lb dump capacity. Available for 16' – 22' bodies for 182" – 214" CT chassis, the NXT68 redefines material handling capabilities. For maximum compatibility and flexibility, the bolt-on body lock system provides universal adjustment for outside locks.

KEY FEATURES

High strength without added weight

- **Z-rail design:** The base comes pre-drilled for easy installation onto the chassis and to accommodate the placement of body saddles as required.

Do more with one truck

- **Telescopic jib:** Multiplate design offers a balance of lightweight design and sturdy structure, ensuring reliable support for various body lengths.
- **Universal latching system:** The industry-leading bolt-on adjustable body locks offer precise customization for exterior lock adjustments.
- **Adjustable hook height:** Adjust the hook height to align with the lift bar height of a fleet of containers, utilizing either manual adjustable or hydraulic adjustable hook inserts.

Best-in-class lost load height

- **Compact secondary design:** A lost load height of 12.5" enables an exceptional below-grade hook bar approach, accommodating sub-frame heights as low as 6".
- **Wear pad design:** Integrated replaceable wear pads allow for effortless serviceability.

Timesaving convenience

- **Lift cylinders:** The integrated soft-stop feature ensures a gentle resting of the body on the body saddles.
- **Speed enhancement:** The lift cylinders feature integrated speed enhancement, decreasing the cycle extend time by 75%.
- **In-cab controls:** Air controls enable precise metering of the manual hydraulic valve.
- **Hydraulic reservoir:** The universal mounting bracket offers flexibility, allowing you to position the 25-gallon (94.6 L) reservoir wherever desired on the side of the chassis.

Manual adjustable hook height

Telescopic jib

Z-rail base

Secondary

Soft-stop lift cylinders

Bolt-on body saddles

Bolt-on adjustable outside body locks

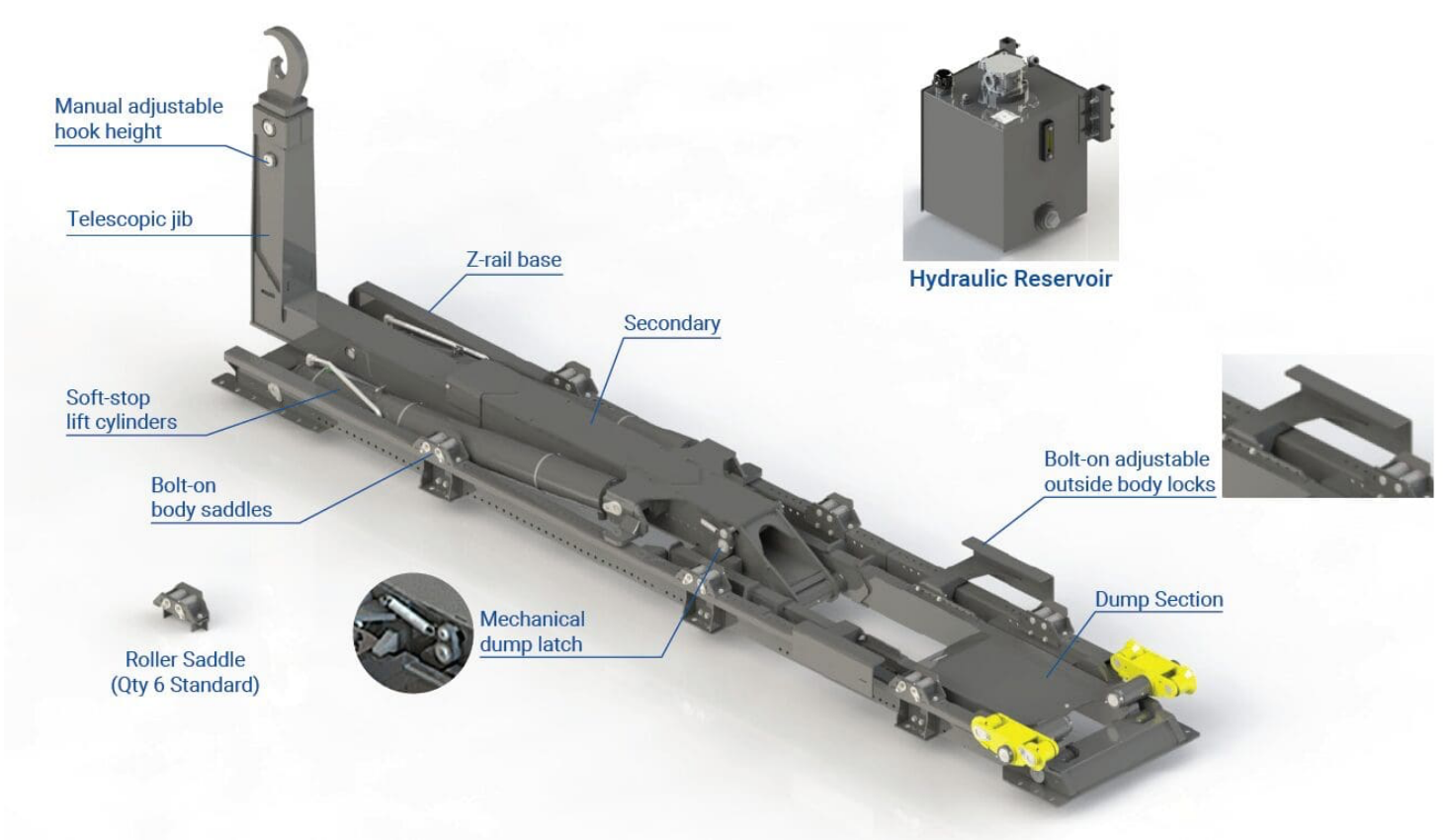
Roller Saddle
(Qty 6 Standard)

Mechanical dump latch

Dump Section



Hydraulic Reservoir



SPECIFICATIONS

Hook Height: 54" (1,372 mm) or 61.75" (1,568 mm)

Lift Capacity: 54" HH: 57,000 lbs (25,855 kg)
61.75" HH: 68,000 lbs (30,844 kg)

Dump Capacity: 68,000 lbs (30,844 kg)

Cycle Times: Tilt/Dump Extend: 25 seconds
Tilt/Dump Retract: 70 seconds
Jib Extend: 11 seconds
Jib Retract: 10 seconds
(Times based on 24 gpm of oil flow.)

Shipping Weight: Manual Adjustable HH: 7,425 lbs (3,368 kg)
Hydraulic Adjustable HH: 7,530 lbs (3,416 kg)
(Without reservoir and body locks.)

Body Lengths: 16' – 22' (4,877 – 6,706 mm)

Min. Truck GVWR: 62,000 lbs (28,123 kg) Note: Minimum 18,000 lbs (8,165 kg) front axle and 44,000 lbs (19,958 kg) rear axle. To obtain the 44,000-lb rear, a pusher axle will be needed.

Maximum Hydraulic Flow: 24 gpm (90.8 lpm)

Operating Pressure: 4,500 psi (310 bar)

Valve Bank: Monoblock main valve, 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 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. Greasable 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 topcoat finish prior to assembly.

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

DIMENSIONS

Description	NXT68 – 54" OR 62"
A. Overall Length:	250.5" (6,363 mm)
B. Cab-to-Axle Trunnion:	182" to 214" (4,623 to 5,436 mm)
C. After-Frame Range:	64" (1,626 mm)
D. Loader Height:	12.5" (318 mm)
E. Front of Jib to Φ of Roller:	239" (6,071 mm)
F. Dump Angle:	50° (0.87 rad)
G. Maximum Tilt Height:	54" HH: 134.31" (3,411 mm) 62" HH: 138.75" (3,524 mm)
H. Jib Travel:	48" (1,219 mm)
I. Front of Jib to Φ of Hook:	5.19" (132 mm)
J. Hook Above/Below Frame:	54" HH: 3" (76 mm) Above Frame 62" HH: 3.56" (90 mm) Below Frame
K. Lowest Point in Dump:*	21.5" (546 mm)
L. Φ to Back of Roller:	6" (152 mm)

*Dimension is based on maximum advertised body lengths.



190 State Street | Garner, Iowa 50438 | | 800.321.3741

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Manage consent

