



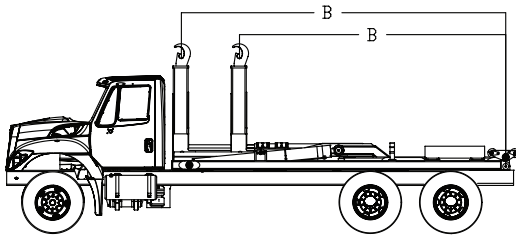
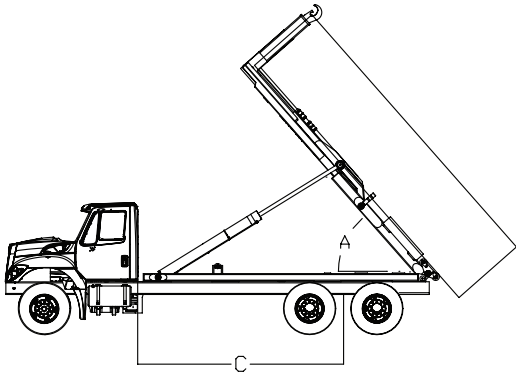
STELLAR® SLIDER SERIES

SLIDER50

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KEY FEATURES



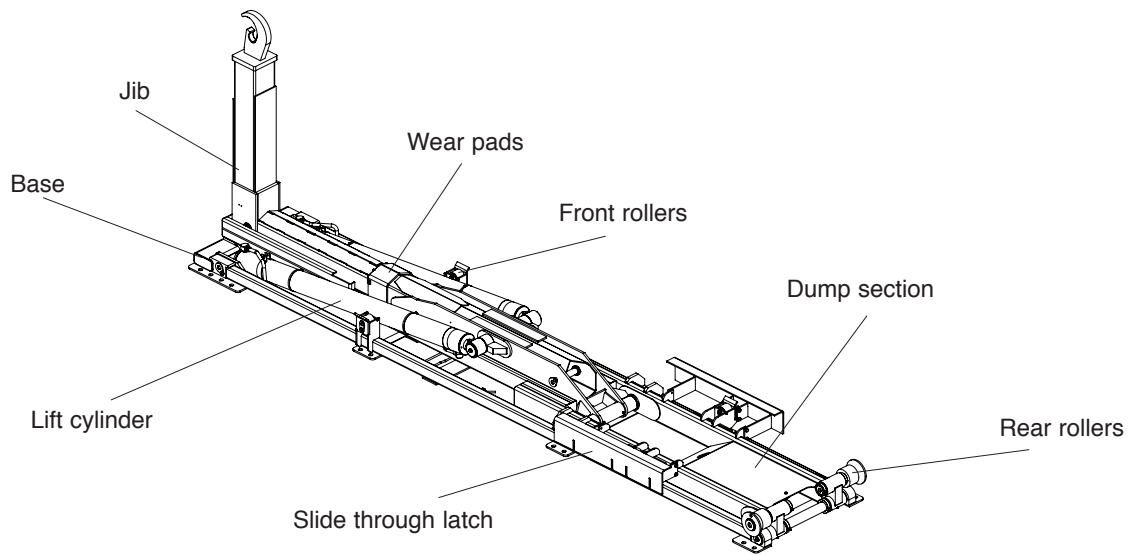
- Transmission-mounted PTO and hydraulic pump required to power the hooklift.
- Standard in-cab air manual controls which allow for precise metering of the manual hydraulic valve.
- Twenty-five (25) gallon (95L) frame-mounted oil tank.
- Operating pressure is 4,500 psi.
- Hydraulic flow required is 24-gallons (76L) per minute.
- Patented dump/load interface as featured on most Stellar Hooklifts.
- Secondary speed enhancement system that reduces extend cycle time 75%
- Hydraulic counterbalance valves to prevent cylinder collapse in case of hose failure.
- Valve bank equipped with power beyond port.
- Inside or outside bolt-on slide through rear body tie-down latches.
- Plunger valve to prevent front jib movement when the dump frame is raised.
- Permanently lubricated and greaseable bushings used throughout.
- Grease zerks at all pin points to allow purging of contaminants.
- Carbon steel and zinc plated or type 17-4 stainless steel pins used throughout.
- All weldments painted with two-part polyurethane enamel.

Item Description	Slider50 - 54"	Slider50 - 61.75"	Slider50 - 54" or 61.75"
Dump/Lift Capacity	42,000 lbs (19,051 kg)	50,000 lbs (22,680 kg)	42,000 - 50,000 lbs (19,051 - 22,680 kg)
A. Dump Angle	51°	51°	51°
B. Effective Length	192" - 238" (4.8 - 6.0 m)	192" - 238" (4.8 - 6.0 m)	192" - 238" (4.8 - 6.0 m)
C. Cab to Trunnion	202" optimum (5.1 m)	202" optimum (5.1 m)	202" optimum (5.1 m)
Shipping Weight	5,630 lbs (2,554 kg)	5,650 lbs (2,563 kg)	6,010 lbs (2,726 kgs)
Container Lengths	16' - 22' (4.9 - 6.7 m)	16' - 22' (4.9 - 6.7 m)	16' - 22' (4.9 - 6.7 m)
Flatbed Lengths	16' - 24' (4.9 - 7.3 m)	16' - 24' (4.9 - 7.3 m)	16' - 24' (4.9 - 7.3 m)
Hook Height	54" (1.3 m)	62" (1.5 m)	54" - 62" (1.3 - 1.5 m)
Min. Truck GVWR	54,000 lbs (24,494 kg)	54,000 lbs (24,494 kg)	54,000 lbs (24,494 kg)

* Can handle 22' bodies with special bumpers. Please consult factory.



■ KEY FEATURES



Base section

The base section of a Stellar Slider may also be called a sub-frame. All Stellar Slider hooklifts are tied together in one common framework. This base section not only adds strength to the hooklift, but it places less stress concentration on the truck chassis than hooklifts without a common base. The base section provides for simple installation on most truck chassis.

Latches

Inside and or outside latches available.

Jib/secondary

The sliding jib allows for a wider range of container lengths and a means to control the truck's weight distribution while remaining in the latches. The jib and secondary booms are hexagonal shaped to reduce flexing, adding to structural integrity. Available with fixed hook heights, manual adjustable hook heights, or hydraulic adjustable hook heights. The speed of the secondary extend function is controlled by a speed enhancement system that reduces its cycle time by 75%.

Wear pads

Easily replaceable wear pads for the jib/secondary boom assemblies that can be changed in minutes. Not necessary to disassemble hooklift to replace wear pads. The wear pads ensure long life for the jib/secondary assemblies.

Dump section

Dumping is accomplished through rear pivot point. Jib and dump sections must lock, by means of mechanical latch, together to support the full length of container/body when in the dump mode.

Skid rollers

These three sets of rollers allows skid to roll freely forward and backwards while operating the jib. Prevent long sills from wearing prematurely, not dragging steel on steel. Also eliminates the need to replace wear pads on base frame.

Bushings and zerks

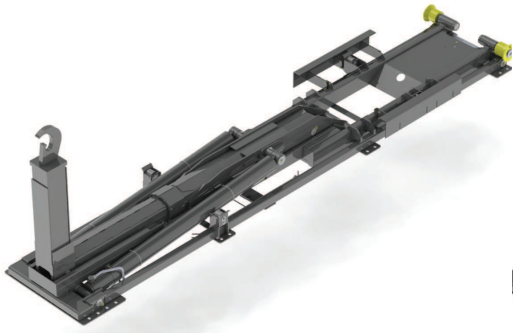
Bushings and grease zerks at all pivot points.

Counterbalance valves

Counterbalance valves are used on all cylinders, protecting both extend and retract functions in case of a hydraulic hose failure.

Pins

Carbon-steel and zinc-plated or type 17-4 stainless steel to prevent corrosion.



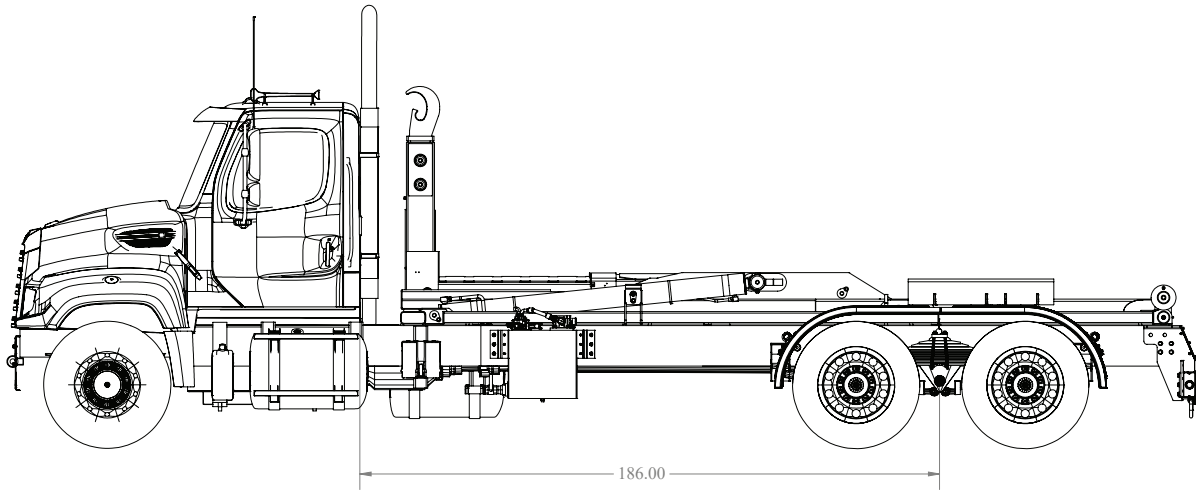
■ Fixed Hook Height



■ Manual Adjustable Hook Height



■ Hydraulic Adjustable Hook Height



* This data is for reference purposes only, and is not intended to replace a properly calculated weight distribution.



Specifications subject to change without notification.
Government specifications available.

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