Stellar® Adjustable Sliding Jib Hooklift Hoists

SLIDER34 & 40

TECHNICAL SPECIFICATION GUIDE

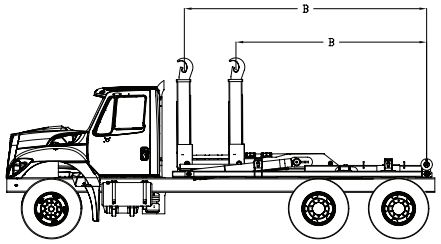
The Stellar® Slider hooklift hoist is a container handling system mounted on a truck chassis that is capable of loading, unloading and dumping various containers of varying lengths through the use of a sliding hexagonal jib. The hex jib reduces flex and provides greater structural integrity.

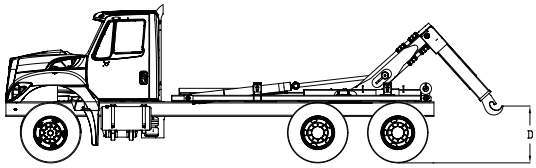
The Slider still maintains all of Stellar Industries' safety and mechanical features, such as the in-cab controls and safety latches, to insure stability and secure attachment. All Stellar hooklift hoists feature permanently lubricated greaseable bushings, stainless steel pins and an efficient low-flow / high-pressure hydraulic system.

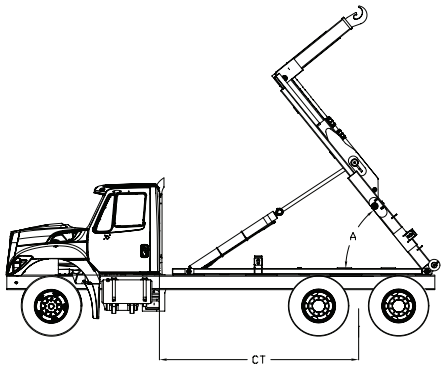
STELLAR® INDUSTRIES INC.

Our People. Our Products.

STELLAR® SLIDER ADJUSTABLE JIB HOOKLIFT HOIST





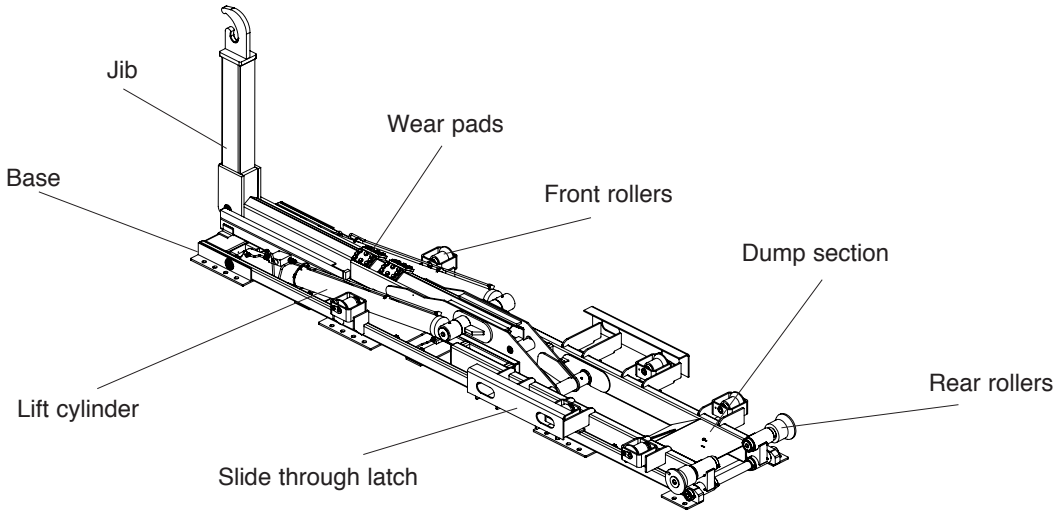


SPECIFICATION INFORMATION

- Transmission-mounted PTO and hydraulic pump required to power the hooklift.
- Standard in-cab manual controls which allow for precise metering of the manual hydraulic valve.
- Twenty-Five (25) gallon frame-mounted oil tank.
- Hydraulic flow required is 25-gallons per minute.
- Patented dump/load interface as featured on most Stellar Hooklifts.
- Hydraulic locks to prevent cylinder collapse in case of hose failure.
- Slide through rear body tie-down latches.
- Plunger valve to prevent front jib movement when the dump frame is raised.
- Permanently lubricated and greasable bushings used throughout.
- Carbon steel and zinc plated or type 17-4 stainless steel pins used throughout.
- All weldments painted with two-part polyurethane enamel.

Item Description	Slider34 - 54”	Slider34 - 61.75”	Slider34 - 54 or 61.75”	Slider40 - 54”	Slider40 - 61.75”	Slider40 - 54 or 61.75”
Lifting Capacity	28,800 lb. (13,063 kg)	34,000 lb. (15,422 kg)	28,800 or 34,000 lb. (13,063 or 15,422 kg)	37,000 lb. (16,783 kg)	40,000 lb. (18,144 kg)	37,000 or 40,000 lb. (16,783 - 18,144 kg)
Dumping Capacity	34,000 lb. (15,422 kg)	34,000 lb. (15,422 kg)	34,000 lb. (15,422 kg)	40,000 lb. (18,144 kg)	40,000 lb. (18,144 kg)	40,000 lb. (18,144 kg)
Dump Angle	50˚	50˚	50˚	51˚	51˚	51˚
Effective Length	168”-208” (4,267-5,283 mm)	168”-208” (4,267-5,283 mm)	168”-208” (4,267-5,283 mm)	132”-168” (3,353 to 4,267 mm)	132”-168” (3,353 to 4,267 mm)	132”-168” (3,353 to 4,267 mm)
Cab to Axle	180”-188” (4,572-4,775 mm)	180”-188” (4,572-4,775 mm)	180”-188” (4,572-4,775 mm)			
Cab to Trunnion	160”-174” (4,064-4,420 mm)	160”-174” (4,064-4,420 mm)	160”-174” (4,064-4,420 mm)	130”-144” (3,302 to 3,658 mm)	130”-144” (3,302 to 3,658 mm)	130”-144” (3,302 to 3,658 mm)
Shipping Weight	4,300 lb. (1,950 kg)	4,300 lb. (1,950 kg)	4,475 lb. (2,030 kg)	3,950 lb. (1,792 kg)	4,000 lb. (1,814 kg)	4,300 lb. (1,950 kg)
Rec. Body Lengths	14’-20’ (4,267-6,096 mm)	14’-20’ (4,267-6,096 mm)	14’-20’ (4,267-6,096 mm)	12’-16’ (3,658-4,877 mm)	12’-16’ (3,658-4,877 mm)	12’-16’ (3,658-4,877 mm)
Hook Height	54” (1,372 mm)	61.75” (1,568 mm)	54” or 61.75” (1,372 or 1,568 mm)	54” (1,372 mm)	61.75” (1,568 mm)	54” or 61.75” (1,372 or 1,568 mm)
Min. Truck GVWR	32,000 lb. (14,515 kg)	32,000 lb. (14,515 kg)	32,000 lb. (14,515 kg)	43,000 lb. (19,504 kg)	43,000 lb. (19,504 kg)	43,000 lb. (19,504 kg)

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 hoist, but it places less stress concentration on the truck chassis than hooklifts without a common base. The base section provides for a simple installation on most truck chassis.

Slide Through Latch: The slide through latch allows for the securement of several lengths of containers.

Jib: The sliding jib allows for a wide range of container lengths and a means to control the trucks weight distribution.

Wear Pads: The wear pads within the sliding jib provide a replaceable surface to ensure a long life for the metal components.

Dump Section: This component of the Stellar Slider pivots at the rear of the hoist when interacting with the patented tabs on the jib section. The rear body latches are attached to this component on most models. This allows the body to remain in the latches when dumping.

Front Rollers: Provide a supportive surface for the body while sliding the body forward. This support then takes weight off the jib.

Lift Cylinder: The lift cylinder on a Stellar Slider not only lifts the body onto the truck, but it also provides the dumping movement. All Stellar Slider lift cylinders feature dual pilot-operated counterbalance valves which provide for optimum meter-ability and protection against sudden movement in the case of hose failure.

Rear Rollers: With the unique Stellar Slider design, bodies are loaded and unloaded with a “lift and roll” movement.

Secondary: The secondary section acts as the main pivoting member for loading/ off-loading bodies. This component ties the jib, dump and base sections together into one cohesive unit.

Stellar® Slider (Sliding Jib)

Model	Hook Height	Lift Capacity (lbs)	Effective Length (in)	Body Lengths (ft)	Cab-To-Axle/Trunnion
Slider20 (Fixed)	54 (1,372 mm)	20,000 (9,071 kg)	143/185 (3,632/4,699 mm)	13-18 (3,962-5,486 mm)	138-156 C.A. (3,505-3,962 mm)
Slider20 (Fixed)	61.75 (1,568 mm)	20,000 (9,071 kg)	143/185 (3,632/4,699 mm)	13-18 (3,962-5,486 mm)	138-156 C.A. (3,505-3,962 mm)
Slider20 (Hyd.)	54 or 61.75	20,000 (9,071 kg)	143/185 (3,632/4,699 mm)	13-18 (3,962-5,486 mm)	138-156 C.A. (3,505-3,962 mm)
Slider20-S (Fixed)	35.63 (905 mm)	20,000 (9,071 kg)	112/142 (2,845-3,607 mm)	10-14 (3,048-4,267 mm)	120 C.A. (3,048 mm)
Slider20-S (Fixed)	54 (1,372 mm)	20,000 (9,071 kg)	112/142 (2,845-3,607 mm)	10-14 (3,048-4,267 mm)	120 C.A. (3,048 mm)
Slider20-S (Hyd.)	35.63 or 54	20,000 (9,071 kg)	112/142 (2,845-3,607 mm)	10-14 (3,048-4,267 mm)	120 C.A. (3,048 mm)
Slider26 (Fixed)	35.63 (905 mm)	Up to 26,000 (9,071 kg)	129/171 (3,277/4,343 mm)	12-16 (3,658-4,877 mm)	130-144 C.A. (3,302-3,658 mm)
Slider26 (Fixed)	54 (1,372 mm)	Up to 26,000 (9,071 kg)	129/171 (3,277/4,343 mm)	12-16 (3,658-4,877 mm)	130-138 C.T. (3,302-3,505 mm)
Slider26 (Fixed)	61.75 (1,568 mm)	Up to 26,000 (9,071 kg)	129/171 (3,277/4,343 mm)	12-16 (3,658-4,877 mm)	130-138 C.T. (3,302-3,505 mm)
Slider26 (Hyd.)	35.63 or 54	Up to 26,000 (9,071 kg)	129/171 (3,277/4,343 mm)	12-16 (3,658-4,877 mm)	130-138 C.T. (3,302-3,505 mm)
Slider26 (Hyd.)	54 or 61.75	Up to 26,000 (9,071 kg)	129/171 (3,277/4,343 mm)	12-16 (3,658-4,877 mm)	130-138 C.T. (3,302-3,505 mm)
Slider34 (Fixed)	54 (1,372 mm)	28,000 (12,001 kg)	168/208 (4,267/5,283 mm)	14-20 (4,267-6,096 mm)	160-174 C.T. (4,064-4,420 mm)
Slider34 (Fixed)	61.75 (1,568 mm)	34,000 (15,422 kg)	168/208 (4,267/5,283 mm)	14-20 (4,267-6,096 mm)	160-174 C.T. (4,064-4,420 mm)
Slider34 (Hyd.)	54 or 61.75	34,000 (15,422 kg)	168/208 (4,267/5,283 mm)	14-20 (4,267-6,096 mm)	160-174 C.T. (4,064-4,420 mm)
Slider40 (Fixed)	54 (1,372 mm)	37,000 (16,783 kg)	132/168 (3,353/4,267 mm)	12-16 (3,658-4,877 mm)	130-144 C.T. (3,302-3,658 mm)
Slider40 (Fixed)	61.75 (1,568 mm)	40,000 (18,144 kg)	132/168 (3,353/4,267 mm)	12-16 (3,658-4,877 mm)	130-144 C.T. (3,302-3,658 mm)
Slider40 (Hyd.)	54 or 61.75	40,000 (18,144 kg)	132/168 (3,353/4,267 mm)	12-16 (3,658-4,877 mm)	130-144 C.T. (3,302-3,658 mm)
Slider50 (Fixed)	54 (1,372 mm)	42,000 (19,051 kg)	192/238 (4,877/6,046 mm)	16-22 (4,877-6,706 mm)	202 C.T. (5,131 mm)
Slider50 (Fixed)	61.75 (1,568 mm)	50,000 (22,680 kg)	192/238 (4,877/6,046 mm)	16-22 (4,877-6,706 mm)	202 C.T. (5,131 mm)
Slider50 (Hyd.)	54 or 61.75	50,000 (22,680 kg)	192/238 (4,877/6,046 mm)	16-22 (4,877-6,706 mm)	202 C.T. (5,131 mm)
Slider65 (Fixed)	54 (1,372 mm)	52,000 (23,587 kg)	193/217 (4,902/5,512 mm)	16-21.5 (4,877-6,553 mm)	170-190 C.T. (4,318-4,826 mm)
Slider65 (Fixed)	61.75 (1,568 mm)	65,000 (29,484 kg)	193/217 (4,902/5,512 mm)	16-21.5 (4,877-6,553 mm)	170-190 C.T. (4,318-4,826 mm)
Slider65 (Hyd.)	54 or 61.75	65,000 (29,484 kg)	193/217 (4,902/5,512 mm)	16-21.5 (4,877-6,553 mm)	170-190 C.T. (4,318-4,826 mm)

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

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