

Stellar® Container Carrier and Hooklift Package

ECCR HOOKLIFT



TECHNICAL SPECIFICATION GUIDE

No other hooklift manufacturer currently offers the flexibility of the Flex36. The Flex36 can handle dump containers ranging from 8' to 15' and flatbeds ranging from 10' to 16' and has a lifting capacity of up to 16,000-pounds. It has a maximum dump angle of 50 degrees to 54 degrees, depending on the length of body.

The Flex36 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, zinc plated pins and an efficient low-flow / high-pressure hydraulic system.

The optional Stellar Industries Container Carrier body can meet all your container delivery, switching and now dumping needs - available with the optional 360-degree rotator attachment.

The Stellar Container carrier boasts an 8,000-pound lifting, dumping and transporting capacity. The ECCR model features extendable forks for easy pick-up and placement of containers, continuous rotation for dumping from either side, and has the ability to distribute significantly more weight to the front axle than competitive models.

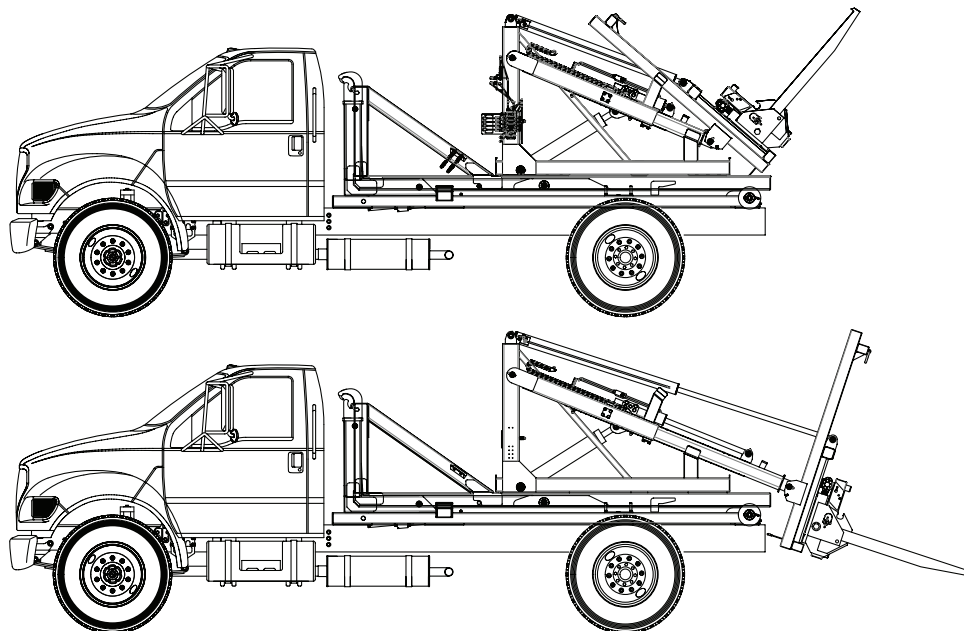


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STELLAR® ECCR HOOKLIFT PACKAGE

The Stellar® Extendable Container Carrier with Rotator Attachment

Equipped with the hydraulic 360 degree continuous rotator, the container carrier can dump front-load containers in either direction of rotation.



The center of gravity of the ECCR unit is located approximately 9.25" in front of the rear axle. In the stored position, the center of gravity of the container is located approximately 45" behind rear axle.

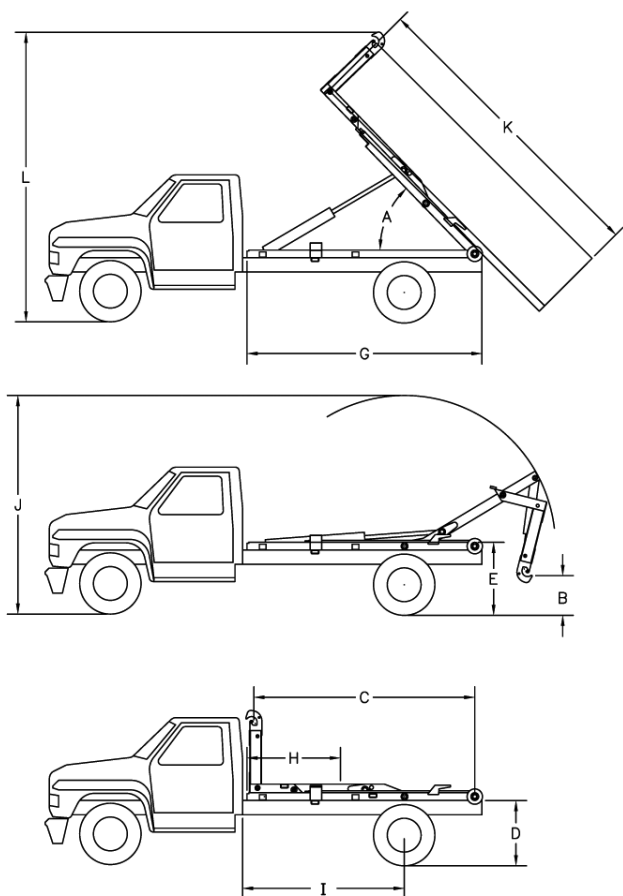
Specifications

ECCR

Lifting capacity	8,000 lbs (3,629 kg)
Dumping capacity*	8,000 lbs (3,629 kg)
Transporting capacity**	8,000 lbs (3,629 kg)
Container sizes	2-10 yd ³
Type of containers	Front and rear load
Rotation	Worm/turntable gear bearings
Stacking capability	2-8 yd ³
Operating pressure	4,500 psi (31 mpa)
GPM	12 (45 lpm)
Hydraulic tank	10-gallon (38 ltr)
Recommended CA	84" to 114" (2,134 to 2,896 mm)
Controls	Inside & outside controls
Bushings and zerks	All pivot and rotation points
Container bumpers	Molded rubber
Hydraulic pump	Bent axis piston type
Valve bank	4-spool cable controlled
Min. chassis GVW	26,000 lbs (11.8 mt)
C/L of gravity	9.25" forward of rear axle
C/L of payload	45" behind rear axle
Shipping weight	3,300 lbs (1,497 kg)

* Front load only

** Truck chassis manufacturer's specific body and equipment weight and center of gravity limitation must not be exceeded. Stellar® Container Carrier installation will require calculation of CG for compliance with Federal Motor Vehicle Safety Standards.



SPECIFICATION INFORMATION

- Will accommodate bodies from 8-feet up to 15-feet long and still retain the maximum rated dump angle on a 41-inch high frame truck. Longer bodies may be accommodated with reduced dumping capabilities.
- 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.
- Ten (10) gallon capacity frame-mounted oil reservoir.
- Hydraulic flow shall not exceed 16-gallons per minute.
- Patented dump/load interface on double pivot models.
- Counter balance valves to prevent cylinder movement in case of pressure loss.
- Mechanical rear body tie-down latches.
- Resettable dump/tilt tabs.
- Hydraulic plunger valve to prevent front tilt movement when the dump frame is raised.
- Pre-lubricated greaseable bushings used at pivot points.
- 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	108-12
Lifting / Dumping Cap.	Up to 16,000 lb. (7,257 kg)
Dump Angle	54°
Effective Length	142" (3,607 mm)
Cab to Axle	108"-120" (2,743-3,048 mm)
Shipping Weight	1,615 lb. (733 kg)
Rec. Body Lengths	12'-14' (3,658-4,267 mm)
Hook Height	35.63" (905 mm)
Min. Truck GVWR	10,500-26,000 lb. (4,763-11,793 kg)

Lift Cylinder: The lift cylinder on a Stellar Hooklift not only lifts the body onto the truck, but it also provides the dumping movement. All Stellar Hooklift 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.

Tilt/Dump Latch:

This unique patented feature is the basis of the Stellar Hooklift system. With a simple mechanical interference between the tilt section and the dump section, the pivot point is changed from the secondary section (loading/off-loading) to the rear of the truck (dumping). Resettable tabs protect the system from out-of-sequence operation.

Rear Rollers:

With the unique Stellar Hooklift design, bodies are loaded and unloaded with a "lift and roll" movement. While unloading a body, the tilt section will lift the front of the body and roll it back. The tilt cylinder will continue rolling the body until the rear of the body contacts the ground.



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

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Government specifications available.

* All specifications are subject to change without notification.

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