



STELLAR<sup>®</sup> CABLE HOISTS

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SI-30/40

[www.StellarIndustries.com](http://www.StellarIndustries.com) | (641) 923-3741



# KEY FEATURES



## STELLAR® CABLE HOISTS

Through innovative design processes, Stellar Industries has made numerous improvements to the standard cable hoist including zinc-plated pins, improved cable routing, and decreased shipping weight to increase payload.

### Reeving Cylinder Enclosure:

- Always covered by structural enclosure
- Decreased exposure to damaging debris

### Dump Cylinder Mounting:

- Mounted above and outside of frame rails
- Offers easier access and stability when dumping

### Bushings and Zerks:

- Greaseless bushings with zerks at all pivot points

### Finish Paint:

- Two-part polyurethane automotive finish paint

### Warranty:

- 36 months structural
- 12 months parts and labor

## NEW STELLAR® SI30/40

The SI30/40 can handle containers ranging from 18 ft.- 22ft. and has a lifting capacity of either 30,000 lbs or 40,000 lbs model based on either a single axle chassis or tandem axle chassis.

- 30,000 lbs or 40,000 lbs capacity
- Mount to a single axle chassis, capable of being built with drop axle
- Improved maneuverability when installed on single rear axle chassis
- Unit weight of 4,950 lbs
- Bronze-bushed 10" O.D. sheave
- 7/8" 6 x 37 EXIWRC cable
- Automatic spring loaded container lock
- Gear type hydraulic pump for 25 GPM and low pressure
- Hoist up alarm
- Counterbalance valves to prevent cylinder movement in case of pressure loss
- Optional pneumatic in-cab controls

## ■ STANDARD SI30/40 EQUIPMENT

<b>Hoisted rated capacity</b>	30,000 lbs for single rear axle chassis 40,000 lbs for tandem rear axle chassis
<b>Main frame</b>	8" x 4" x 3/8" A500 C tubing
<b>Sub frame</b>	4" x 2" x 1/4" A500 C tubing
<b>Front stop</b>	1-1/2" plate
<b>Container lock</b>	Automatic spring loaded
<b>Lift cylinder shaft</b>	2-1/2" solid steel
<b>Rear hinge shaft</b>	2" solid steel
<b>Cable</b>	7/8" (6 x 37 EXIWRC)
<b>Cable sheaves</b>	10" O.D. bronze-brushed sheave
<b>Cable anchor</b>	4 cable clamps
<b>Cable end</b>	Steel casing
<b>Lift cylinders</b>	5" x 72" D.A.
<b>Reeving cylinders</b>	5" x 80" D.A.
<b>Direct mount pump</b>	Gear type 25 GPM
<b>Operating pressure</b>	30,000 lbs capacity 2000 psi (main cylinders) 2500 psi (reeving cylinders)
	40,000 lbs capacity 2500 psi (main cylinders) 3000 psi (reeving cylinders)
<b>Hydraulic valve</b>	2 spool 25 GPM
<b>Hydraulic reservoir</b>	25 gal. 10 micron filter & screen filter
<b>Outside rollers</b>	4" O.D. with bronze bearing
<b>Working points</b>	Greaseable
<b>Safety stand</b>	Factory installed
<b>I.C.C. bumper</b>	Folding, mounting lugs factory installed
<b>Rear bumper</b>	Pre-drilled bolt mount - sealed beam backup, clearance & tail lights
<b>Hoist up alarm</b>	Alerts operator that dump is in elevated position
<b>Cable end</b>	Steel casting, knuckle-type
<b>Rear flange roller</b>	8" O.D. hardened w/2 1/2" c-1045

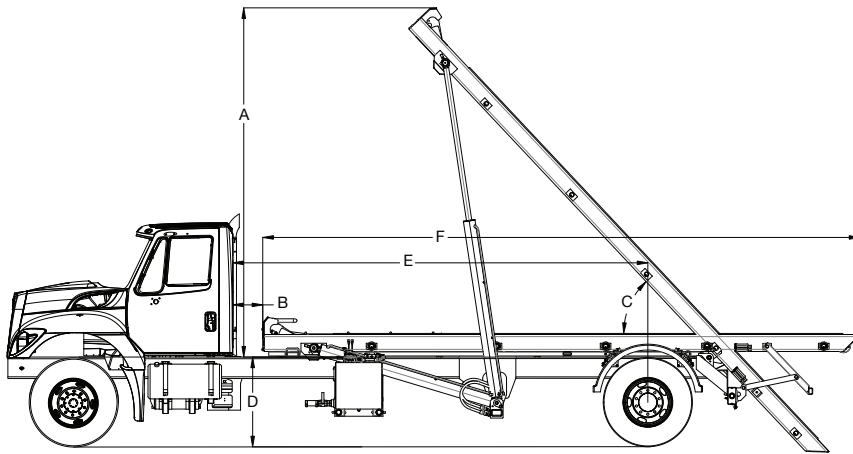
## ■ OPTIONAL SI30/40 EQUIPMENT

<b>Inside controls</b>	Pneumatic
<b>Auxiliary fold down fronts tops</b>	For use with short containers
<b>Full fenders</b>	Tandem or tri-axle, 12 ga. steel or poly
<b>Tarp rack / tool box combination</b>	20" x 16" x 48"
<b>Rear hold down</b>	1" plate located for std. containers
<b>Middle hold down</b>	3/4" plate
<b>Hydraulic valve</b>	3-spool 25 GPM
<b>Hydraulic valve</b>	4-spool 25 GPM
<b>Drop-in stops</b>	For use with short containers
<b>Cab guard</b>	
<b>Lift Cylinder</b>	Boxed-beam double-shear lift cylinder with replaceable stub pins and cross tube for hose routing
<b>Air operated PTO</b>	For use with manual transmission chassis
<b>Hot shift PTO</b>	For use with automatic transmission chassis
<b>Single-acting hydraulic line to rear*</b>	Hydraulic function to rear of container
<b>Double-acting hydraulic line to rear*</b>	Hydraulic function to rear of container
<b>Double-acting hydraulic line to side*</b>	Hydraulic function to rear of container

\*Note: This requires the 3 spool valve option or selector valve.

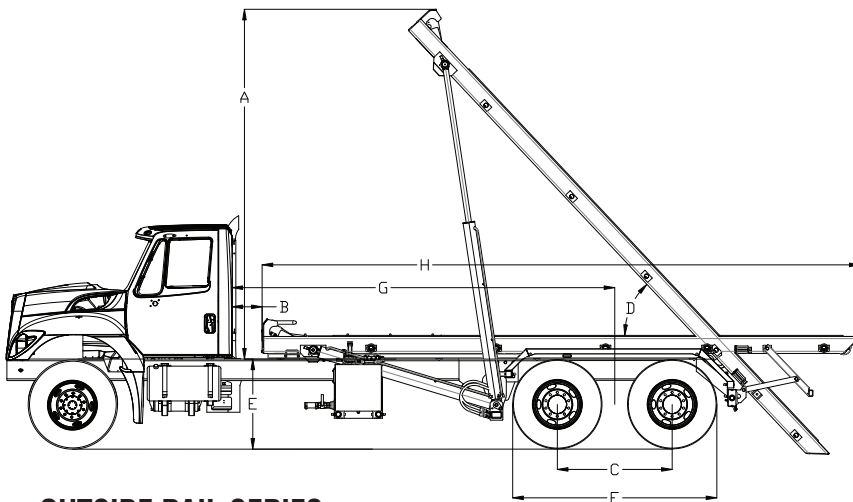
# TECHNICAL SPECIFICATION GUIDE

For more information, including specification sheets for individual models, please visit [www.stellarindustries.com](http://www.stellarindustries.com).



## ■ OUTSIDE RAIL SERIES

Model	A	B	C	D	E	F
SI-30-174OR	166"	5-6"	47"	43" Max	174"	281"



## ■ OUTSIDE RAIL SERIES

Model	A	B	C	D	E	F	G	H
SI-40-174OR	166"	5-6"	51-55"	47"	43" Max	96" Max	174"	281"

## ■ SPECIFICATIONS

Hoist up	34 sec. approx.
Hoist down	26 sec. approx.
Cable in	38 sec. approx.
Cable out	32 sec. approx.
Container Length	18' - 22'
Approximate weight	4950 lbs

### Legend

<b>OR</b>	Outside Rail
<b>ORX</b>	Outside Rail Extendable Tail
<b>IO</b>	Inside/Outside Rail
<b>IOX</b>	Inside/Outside Rail Extendable Tail
<b>ORT</b>	Outside Rail Telescopic
<b>IOT</b>	Inside/Outside Rail Telescopic



Specifications subject to change without notification.  
Government specifications available.

(641) 923-3741 • (800) 321-3741

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