



STELLAR® CABLE HOISTS

SI-30/40

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

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

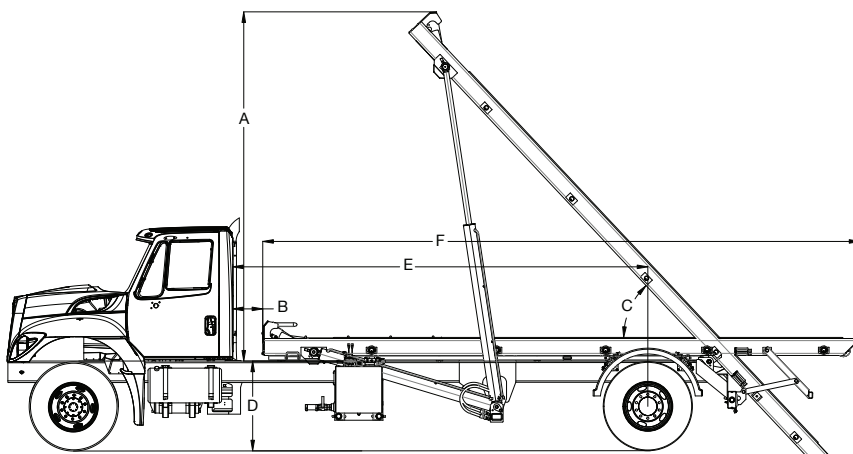
■ OPTIONAL SI30/40 EQUIPMENT

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

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

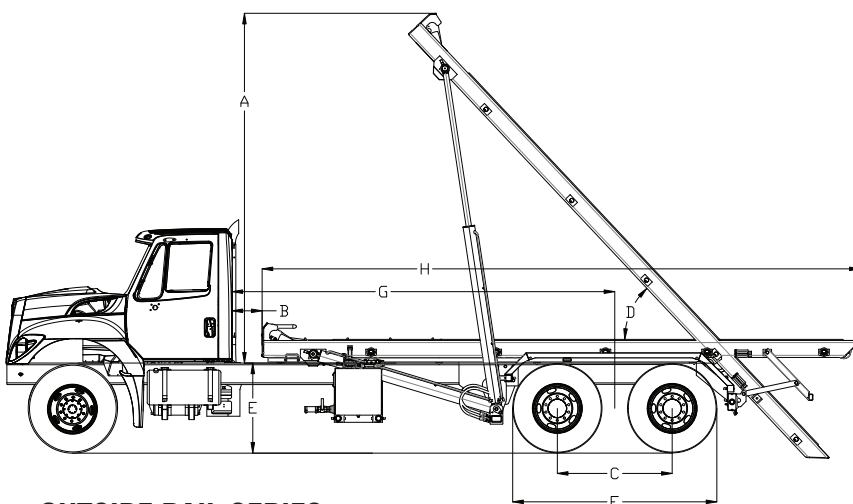
TECHNICAL SPECIFICATION GUIDE

For more information, including specification sheets for individual models, please visit www.stellarindustries.com.



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

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