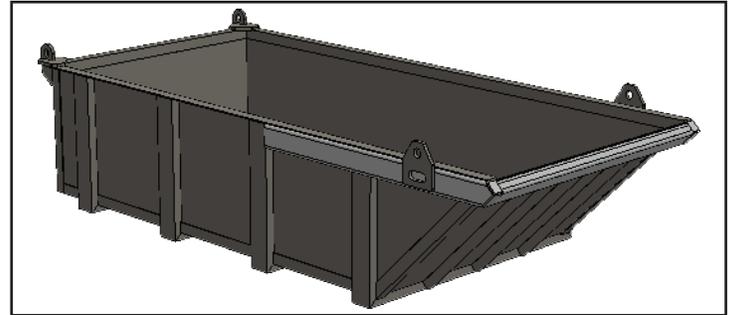




CRANE TRASH SKIP

Operator's Manual

for Models **1446B, 1447B, 1448B, 1449B, 1450B, 1451B**



BEFORE USE, READ AND UNDERSTAND THE COMPLETE OPERATOR'S MANUAL.

If you need clarification or any additional information call your Star dealer or call Star Industries @ 1-800-541-1797 during normal business hours.

SPECIFICATIONS:

- Heavy 3/16" steel plate liner
- Strong 1/4" angle reinforces top edge and corners
- Rugged channel reinforces sides and bottom

Model No.	Dimensions	Max. Volume	Max. Load Capacity	Empty Weight
1446B	2'D X 4'W X 6'L	"40 cft. - Approx. 1.5 cyd."	5,000 lbs.	925 lbs.
1447B	3'D X 4'W X 6'L	"54 cft. - Approx. 2.0 cyd."	7,000 lbs.	1,030 lbs.
1448B	2'D X 4'W X 8'L	"56 cft. - Approx. 2.0 cyd."	7,000 lbs.	1,114 lbs.
1449B	3'D X 4'W X 8'L	"78 cft. - Approx. 2.9 cyd."	10,000 lbs.	1,262 lbs.
1450B	2'D X 4'W X 10'L	"72 cft. - Approx. 2.7 cyd."	9,000 lbs.	1,303 lbs.
1451B	3'D X 4'W X 10'L	"102 cft. - Approx. 3.8 cyd."	13,000 lbs.	1,494 lbs.

ENGINEER APPROVED:

The Star Industries Crane Trash Skips are designed to elevate most any kind of trash or bulk material with a crane. The design has been reviewed and carries an engineer's stamp of approval to meet a 3 to 1 or better factor of safety based on loads evenly distributed across the floor (as specified above). A copy of the engineer's letter is available upon request.

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Customers Who Bought this product also bought



Heavy Duty Jib
 Extend The Reach Of Your Forklift
 Farther, Higher And Over Obstructions



Crane Lift Box -
 Convenient and Safe
 Lift supplies, Materials &
 Small Equipment



Concrete Hoppers -
 Turns Your forklift Into
 A concrete placer.

Visit www.starindustries.com or call us at 800-541-1797 for more information on these and other great products.

RIGGING REQUIREMENTS:

Rigging for the Crane Trash Skips are not included and must be furnished by others. The rigging must have load ratings that equal or exceed the rated load capacity of the Trash Skip plus the Trash Skip's empty weight. A qualified rigging supplier should determine sling size and length. Screw pin anchor shackles are recommended to attach slings to the trash skip.

BEFORE USE:

Make sure the crane operator is well qualified and properly certified under OSHA requirements and that all other associated personnel are well qualified and have any required certifications. Make sure the crane operator and associated personnel have read and understand this manual. Be aware that the information contained in this manual is intended as a guide and does not replace the need for the user to know, understand, and observe all applicable company, local, state, and federal safety codes and or requirements.

Inspect the trash skip to make sure it is in good condition. There must not be any broken welds, deformation of the steel, nor any cracks in the steel. Inspect swivel hooks and shackles to make sure they are complete, are in good condition, and that shackle anchor screw pins are screwed in tight. Inspect the slings for any sign of damage or wear. The slings contact the side of trash skip when lifting so this area of the slings should be monitored carefully for wear or damage. Check that all decals are in place and legible. The following decals are required:

1. "Empty Weight"
2. "Safety Precautions"
3. "Rated Lift Capacity"

Replacement decals are available from a Star dealer. If any defects or damage are found, discontinue use until repairs are made or a safety assessment can be made by qualified personnel.

Make sure personnel involved understand any hand signals that will be required and that all involved personnel understand what will be required of them. Make sure the travel path is clear of obstructions and that adequate clearance will be maintained from all power lines.

WARRANTY PROCEDURE:

Upon notification, Star Industries will advise if the product will need to be returned to Star Industries for inspection and/or repair, or if the Star Dealer, or other entity, can be authorized to make the inspection/repair at their location, or if circumstances dictate other solutions. Dealer or other entity repairs must have prior written authorization. A "cost of repair" estimate will be required prior to authorization. Reimbursement will be at the current "Star Warranty Labor Rate" and will not include reimbursement for off-site travel. A Warranty Claim Form must be submitted within 45 days of warranty repair authorization to receive credit for repair. A return authorization number must be obtained from Star Industries before a product can be returned for inspection and/or warranty and that number must appear on the return shipping label. Upon inspection, Star Industries will determine if the product is defective and if so, whether it will be repaired or replaced. Repair or replacement is at the discretion of Star Industries. Transportation charges to Star Industries are not covered under the warranty and must be prepaid by dealer or customer unless it is within the first two years of warranty. In which case, if evidence acceptable to Star Industries, is provided that the product is defective and the return is from within the continental United States or Canada, Star will arrange for return shipment at Star Industries expense. Products found to be defective within the initial two year period and returned to Star Industries for repair or replacement will be returned to the dealer or customer freight prepaid providing it is within the continental United States or Canada. Warranted products to be shipped outside the United States or Canada and those warranted after the initial 2 years will be shipped freight collect. Unwarrantable products will be returned freight collect at the request of the dealer or customer, otherwise they will be destroyed.

LIMITATION OF DAMAGES:

Star's obligation under this warranty shall not include costs of installation, duty, taxes or any other charges whatsoever or any liability for direct, indirect, incidental or consequential damages or delay. Star's liability for any and all losses and damage to purchaser resulting from any cause whatsoever, including negligence or breach of form of warranty, express or implied by Star, alleged damage for defective goods, irrespective of whether such defects are discoverable or latent, shall in no event exceed the purchase price of the particular goods. Products repaired or replaced under this warranty are warranted only for the remainder of the original warranty. Any improper use including operation after discovery of defective or worn parts not approved by Star or any alteration or repair by others in such manner as in Star's judgment affects the product materially and adversely shall void this warranty.

THE FOREGOING WARRANTIES ARE EXCLUSIVE AND ARE IN LIEU OF ALL OTHER WARRANTIES (WHETHER WRITTEN, ORAL OR IMPLIED) INCLUDING WARRANTIES OF MERCHANTABILITY AND WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE.

STAR INDUSTRIES LIMITED WARRANTY

Star Products are warranted to the original purchaser against defective workmanship and/or materials (when properly installed, used, and maintained) for a period as specified below from date of delivery to the customer by an authorized Star Dealer or direct from Star Industries. This warranty does not cover misuse, abuse, normal wear and tear, or accidental damage.

5 year Warranty:	All Star products except as noted below. (Includes HD Auger Drives & most non-hydraulic products)
2 year Warranty:	Medium Duty Auger Drives
1 year Warranty:	Auger Bits and Auger Accessories (excludes auger drives), Crane Forks, Grapples, Angle Broom, Self Dumping Hoppers, Replacement Forks, and Over the Bucket Forks
6 month Warranty:	Concrete Mixers

WARRANTY CLAIM NOTIFICATION:

Product defects should be reported to the Star dealer from whom the product was purchased or to Star Industries in writing promptly after discovery. Preferably photographs showing the defect should also be provided along with a written report of circumstances involved. Warranty claims not made within 30 days after discovery of the defect shall be null and void.

WARRANTY DETERMINATION:

If a warranty claim is found worthy and made within the warranty period we reserve the right at our discretion to repair existing defects or to replace it with the same or current model free of charge or to issue a credit for the reasonable cost of repair or take possession of the equipment and issue reimbursement for the calculated value.

CAUTION:

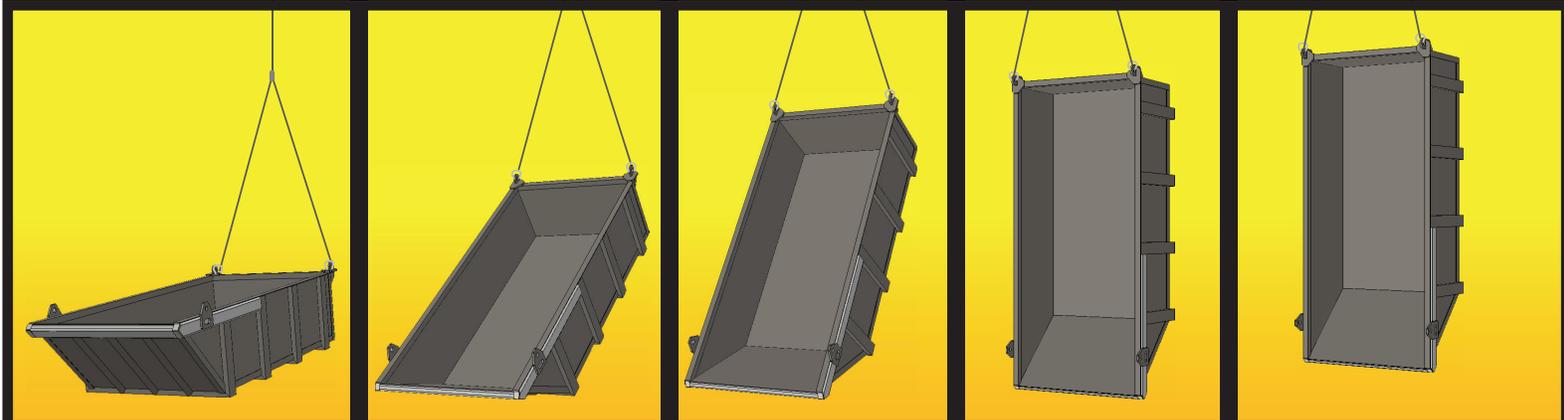
1. Risks are high for serious injury or death when working around suspended loads. The operator must avoid carrying the load over people and it is best to have a 10 foot clear radius. This requires that no one is allowed to be within 10 feet of the area in which the load would fall if a failure occurred.
2. Do not allow anyone to ride in the trash skip nor on the load. **Do not use Trash Skip to elevate personnel.**
3. Do not make any repairs or modifications without written authorization from the manufacturer. Replacement of rigging or decals does not require authorization.

INSTALLATION:

Lifting slings shall be attached with shackles to the four lifting ears located on each side, near each end of the trash skip and the other end to the crane hook. Make sure the rigging has a load rating equal to or exceeds the load capacity rating (12,000 lbs.) of the trash skip.

RATED CAPACITIES:

The Model 1450 Crane Trash Skip is rated for a maximum load capacity of 12,000 lbs. This is based on an evenly distributed load over the floor area. Make sure the crane used is rated for the load that will be carried plus the empty weight of the trash skip (1,100 lbs.) and weight of rigging. The rated capacity for the Crane Trash Skip appears on the data label and load capacity decal. Load should not hang over or extend above the sides.



To dump the skip, the two forward slings are disconnected from the lifting eyes with the lifting line slack. The skip is then lifted with the rear slings still connected, effectively dumping the load from the sloped end.

Operation:

1. Before the load is raised make sure slings, chains, or straps are properly secured and are not twisted around each other or entangled.
2. When lifting a load, guard against shock loading by taking up the slack in slings or straps slowly. Prevent jerking at the beginning of the lift, and accelerate or decelerate slowly.
3. Do not drag or pull the trash skip with the slings.
4. Do not leave suspended loads unattended.
5. Take care that the load does not swing or come in contact with an obstruction. Use tag lines as needed.
6. Keep all personnel clear while the load is being raised, moved, or lowered. Crane operator should be watchful of the load at all times, especially when it is in motion.
7. Never allow more than one person to give signals to the crane operator except to warn of a hazardous situation.
8. Never raise or carry the load higher than necessary.
9. Never allow anyone to work under a suspended load.
10. Never exceed the rated capacity of any part of the lifting system.
11. Never allow anyone to ride in the trash skip or on the load being carried.
12. Dumping the Load. The load can be discharged by first landing the trash skip on a solid level surface adjacent to where the load will be discharged. The crane operator should then lower the crane hook to allow slack in the slings so that the two slings near the sloped end can be unhooked from the trash skip. It is good practice to secure the two loose slings to the other end of the skip to make sure they do not create a safety hazard when dumping the skip. With the two front slings unhooked the other end of the trash skip can be raised to discharge the load. The operator should take up the cable slack slowly and lead the rear of the skip towards the discharge end to prevent dragging on the ground. When the skip is empty it can be landed back on a solid level area on the sloped end. The crane operator will again need to lead it back from the sloped end so it can be set back down level ready to be reloaded. The photos above illustrate the dumping process