MODEL 1450
CRANE TRASH SKIP

Specifications:

- Heavy 3/16" steel plate liner
- Strong 1/4" angle reinforces top edge and corners
- Rugged channel reinforces sides and bottom
- Empty weight - 1,100 lbs.
- 2' High Sides
- 4' wide x 10' long
- 2.75 cuyd capacity
- 12,000 lb. Load Capacity

Engineer Approved:

The Star Industries Model 1450 Crane Trash Skip is 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 2 to 1 or better factor of safety based on 12,000 lb. load evenly distributed across the floor. Copy of engineer’s letter available upon request.
Rigging Requirements:

Rigging for the Model 1450 Crane Trash Skip is 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 – 12,000 lbs. Slings must be a minimum of 10 ft. long measured from the crane hook to the lifting ears on the trash skip. 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 shackles 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: “Empty Weight”, “Safety Precautions” and “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.

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. The Crane Trash Skip must not be used 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.

**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 below illustrate the dumping process.