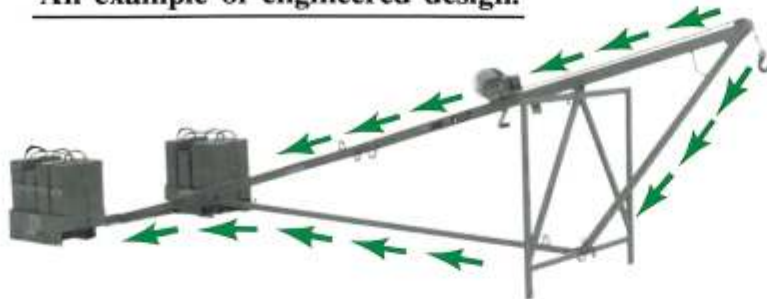


DESIGN QUALITY

Quality construction and engineering are evident at a glance. We took our time and designed this system to assemble easily and last for years with high strength 3" x 3" structural steel support beams, heavy-wall rectangular tube winch frame and 1 1/4" steel tubing guardrails. All components are designed to conform to precise load, safety and performance specifications which in turn offers the contractor a tangible payback both in productivity and increased safety.

An example of engineered design.



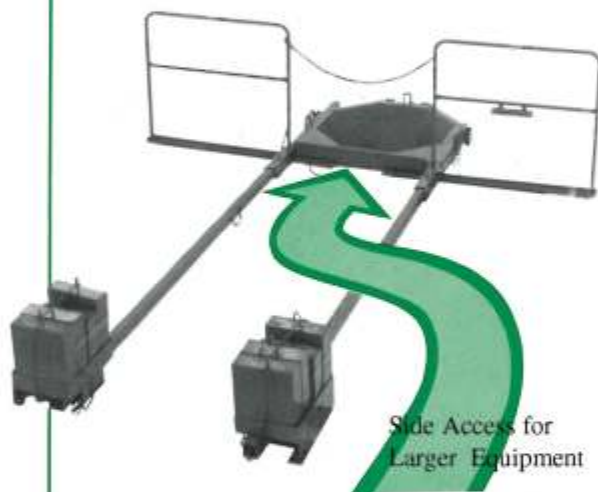
Triangulated Load Transfer

Triangulated Load Transfer refers to transferring the weight of a particular load throughout the entire framework of the system. This process allows for a much more stable system by dispersing load-stresses instead of centering those loads on just one or two components. This is the principle behind the "A-Frame" design on the winch framework. The load is absorbed and transferred immediately from the winch unit, through the support beams and back to the counterbalance weights. This load dispersion process is far superior to a winch system that does not use this design.

Why risk losing productivity and compromising safety by improvising with substandard materials. Call your Garlock representative today and let the Garlock Trash Chute Support System show you the better way.

Specifications

System Weight (less cement counterweight)	647 lbs
Overall Weight (with cement counterweight)	1287 lbs
Width	130"
Height.....	43"
Overall Length	204"
Trash Chute Access Opening	46"
Length of Longest Piece (unassembled)	100"
System Capacity	750 lbs
Winch Cable (7 x 19 IWRC 3/16").....	88 ft.



When installation is complete, the Garlock Trash Chute Support System allows for a 38" wide access path which will accommodate most hand powered equipment. For larger equipment, access can be made from the side using a simple plywood ramp. Capable of supporting up to twenty trash chute sections, our chute support system gives the contractor increased safety, easy installation and another quality Garlock product that will last for years.

Innovative Ideas and Quality Products



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TRASH CHUTE SUPPORT & WINCH SYSTEM

FOR SAFETY AND INSTALLATION EASE

SAFETY

The Garlock Trash Chute Support System offers complete safety for debris removal with trash chutes. The roof edge is no place to take chances with inadequate protection. With falls accounting for a high number of roofing related accidents every year, no contractor should be without the protection benefits of the Garlock Trash Chute Support System. With heavy steel construction, built-in counterbalance system and 43" high guardrails, the Garlock Trash Chute Support System used in conjunction with warning lines or railguard, provides the necessary means of roof edge protection and meets all OSHA requirements for roof access points.

No longer do contractors have to take chances with wooden 4 x 4 supports, roofing materials for counterbalance and 2 x 4's for guardrails. The Garlock Trash Chute Support System is the contractor's complete answer for trash chute hoisting and support, debris off-loading and roof edge protection.

INSTALLATION

The Garlock Trash Chute Support System is designed with strength and durability, a minimum number of components and easy installation in mind. All components have built in lift rings and can be hoisted to the roof with a hand hoist or are compact enough, to be carried up a stairway. Once on the roof, setup can be accomplished by two people in about fifteen minutes. All pieces are connected together with quick pins which are attached right to the system to speed setup and eliminate lost parts.

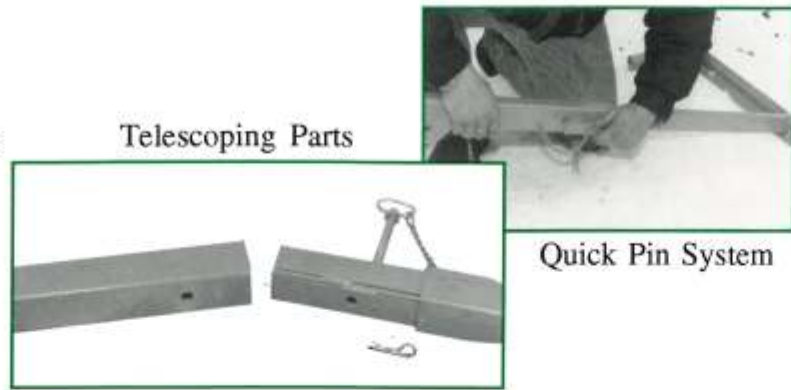
Hoisting trash chutes has never been easier than with the Garlock Trash Chute Support System. The trash chute hopper and trash chutes are hoisted in one operation. There's no fumbling with hoisting the trash chutes, trying to chain them to the support system and then setting the hopper in place like other systems. Everything is accomplished in one clean, efficient operation.



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INSTALLATION SIMPLICITY

Installation simplicity is a key element behind the Garlock Trash Chute Support System. Where possible, all components are designed to telescope together or break apart for easy transport and getting to the roof. In addition, all pieces join together with quick pins which are attached right to the system.



Installation is as easy as . . . 1. 2. 3.



1. Hand winch raises hopper and trash chutes in one efficient operation.



2. Support tubes are extended to support chutes and hopper and winch unit is set aside.



3. Installation is complete and provides trash chute support and a 38" wide access point.



An important feature you're sure to appreciate on the Garlock Trash Chute Support System is the ability to hoist the trash chutes and hopper in one operation. Other systems require separate handling and installation after chutes are hoisted. Garlock's system eliminates this extra handling.

HOW IS IT DONE?

The hopper is hoisted by the Chute Support System just high enough to attach one section of trash chute. Once attached, the hoist is raised to allow the next chute to be attached and so on. The three point hookup on the hopper keeps trash chutes cylindrical, perfectly balanced and supported.

SAFE OPERATION

(Remember! Always use warning lines or guardrails when working next to roof edge as per OSHA requirements)

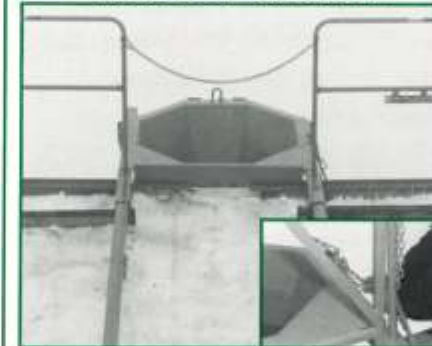
The Garlock Trash Chute Support System is a complete hoisting and trash chute support system that offers more safety features to protect workers than any other system available today.

Consider these safety features . . . then compare!



STOP PLATE
Prevents smaller machines from passing through guardrails.

SAFETY CHAINS



One safety chain holds hopper to system and the other chain guards opening when system is not in use.

BUILT-IN GUARDRAIL



43" high guardrail with mid-rail extends 4' on both sides of trash chute opening.
(Use additional railguard or warning line systems where required)

COUNTERWEIGHT SYSTEM



Eight ballast cans weigh 80 lbs each when filled with concrete and meet OSHA requirements for ballast.

Garlock's unique two-point hook-up between the winch and the hopper allows the winch to be disconnected from the hopper within easy reach of the operator. We even eliminated the need for removing the lifting sling from the hopper. Simply disconnect the hoisting hook and keep the sling attached to the hopper.



Two-point winch hook-up

Why have your crew forced to reach way out over the roof edge when the Garlock system can remove this worry.

Winch uncoupling is within safe, easy reach.



Compare this with other systems!