

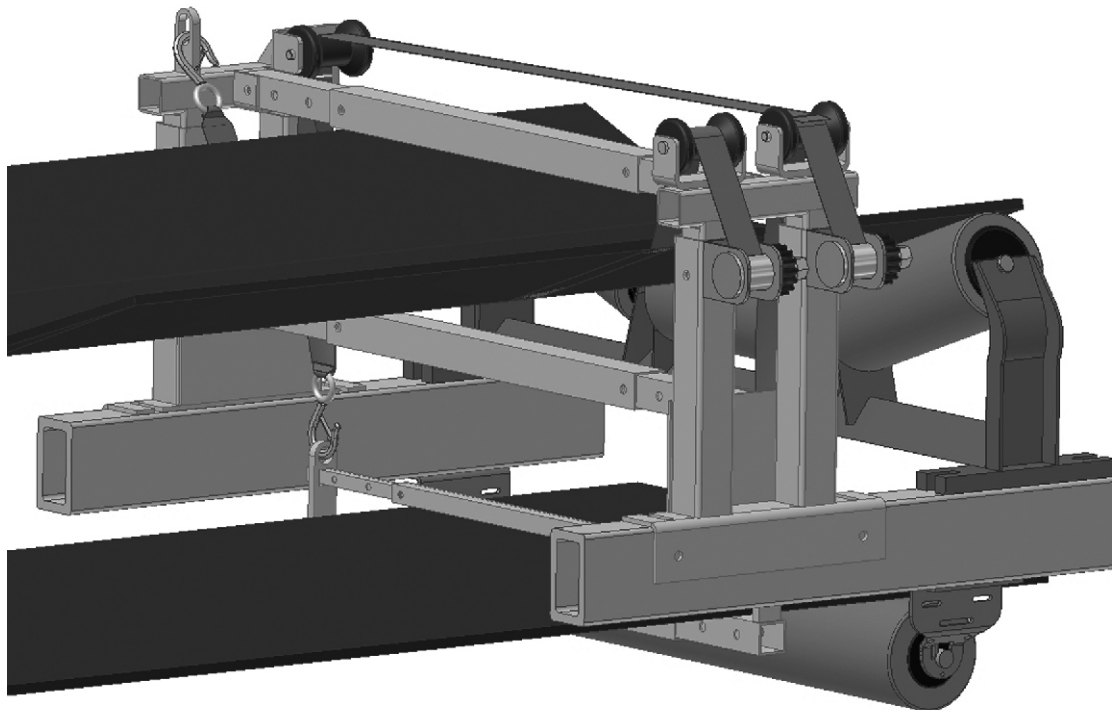


SAFE-GUARD BELT LIFTER™

INSTALLATION, OPERATION & MAINTENANCE INSTRUCTIONS



BEFORE OPERATING THE SAFE-GUARD BELT LIFTER™, USERS MUST READ AND UNDERSTAND THE FOLLOWING INSTRUCTIONS.



Check us out at
www.asgco.com

Customer Service
800-344-4000



24 Hour Emergency
Service and Parts
610-821-0210



ASGCO Mfg., Inc.
301 Gordon Street
Allentown, PA 18102
610-821-0216
FAX 610-778-8991

Safety Notices:

Installation & Safety Instructions Safe-Guard Conveyor Belt Lifter

WARNING

Height		Vertical Lifting Capacity	
in.	mm.	lbs.	kg
0 - 1	0 - 25	3630	1646
1 - 2	25 - 50	3405	1544
2 - 3	50 - 75	3180	1442
3 - 4	75 - 100	2955	1340
4 - 5	100 - 125	2730	1238
5 - 6	125 - 150	2505	1136
6 - 7	150 - 175	2280	1305
>7	>175	2055	932

- Load Must Be Centered
- Do Not Exceed Capacity
- Collapsing Safe-Guard Belt Lifter May Injure or Kill Operators

DANGER

Crushing Hazards: Unexpected belt movement will topple Safe-Guard Belt Lifter™ and create in-running nip points. To prevent serious injury or death, OSHA Lock-out/Tag-out rules must be followed:

- Place individual padlocks on conveyor power source before belt lifting operations.
- Securely clamp belts on sloped conveyors to prevent movement.

WARNING

Lift Collapse Hazard: Severe and Fatal Injuries may occur. To prevent loss of structural integrity:

- Safe-Guard Belt Lifter™ must only be used to lift conveyor belts -Do Not Lift personnel, vehicles, or other equipment with this dedicated lifting device.
- Follow Safe Lifting Capacity Warning
- Safe-Guard Belt Lifter™ loading Must Not Exceed 4000 lb. To reduce or restrict loading:
 - Remove conveyed material
 - Lower belt tension
 - Use short lift heights
 - Restrict torque from drills, impact wrenches, and cheater bars
 - Stay at least 20 ft. (6.2M) away from head or tail pulleys

WARNING

Shear Hazard: Raising and Lowering the Safe-Guard Belt Lifter™ creates squeezing actions that can cut and crush limbs. Keep body parts away from lifter during operation.

CAUTION

Do not overdrive when lowering the unit. Could damage cranking mechanism. Clean and lubricate drive components of lifter regularly to extend optimal performance.

DANGER

Catastrophic Fractures: Do Not Use broken, bent, fractured, or worn belt lifters. Sudden structural collapse will injure or kill the operators. Call the factory for a free "loaner" Safe-Guard Belt Lifter™ and arrange a "Factory Repair" of your Safe-Guard Belt Lifter™. Do Not Cut or Drill the components. Almost all the standard repair procedures will weaken the belt lifter. Examine the belt lifter before each use to assure its integrity. Examine lifting strap, replace if cut or abraded

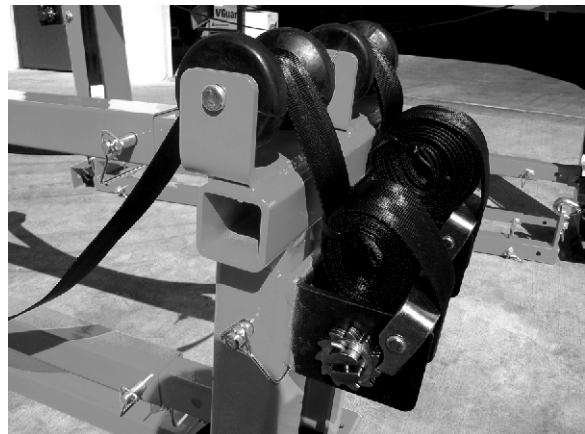
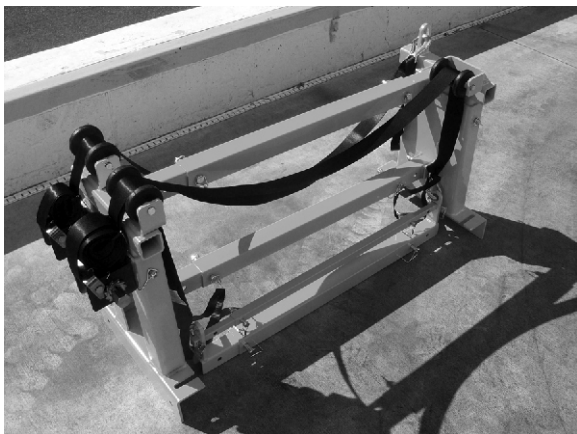
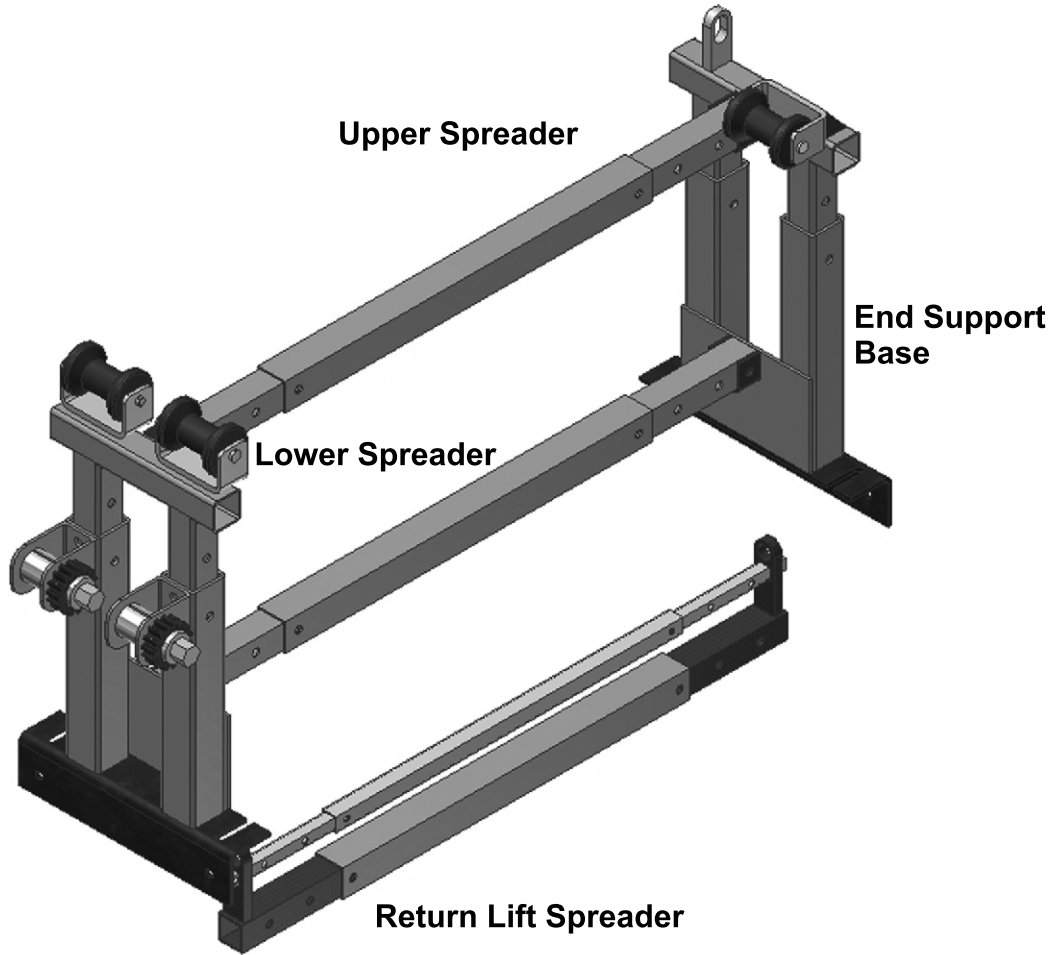
WARNING

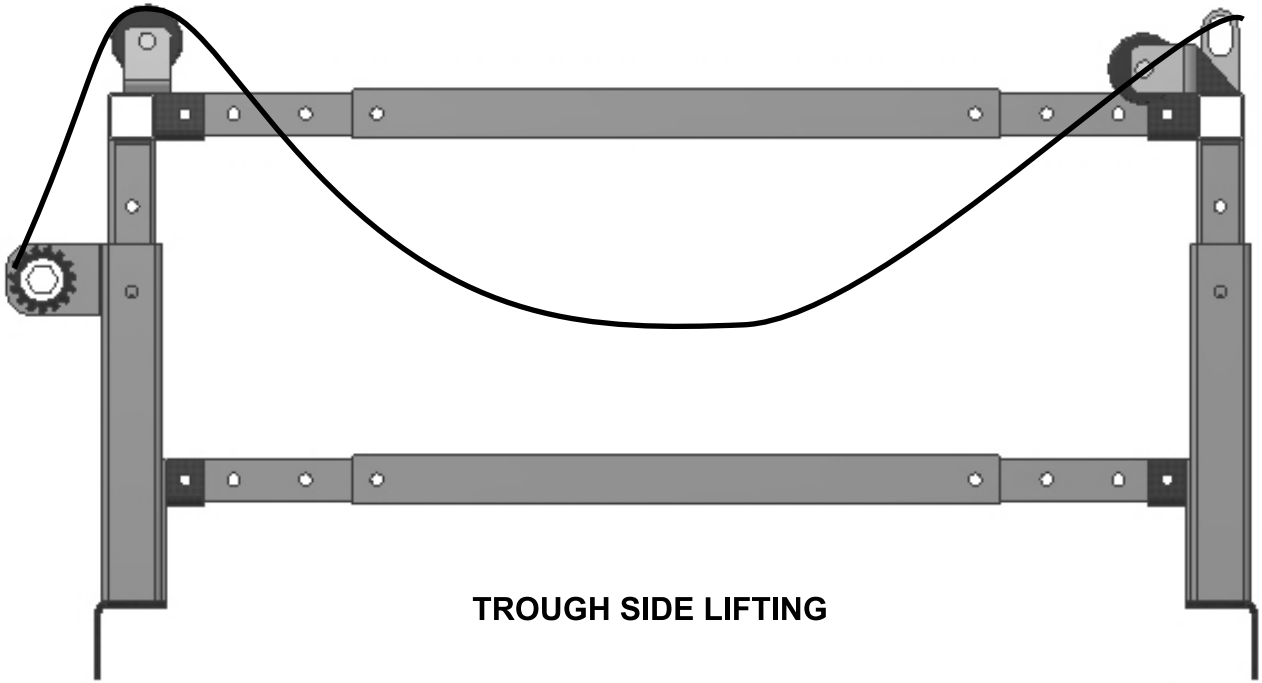
Body Strains: The medium and large Safe-Guard Belt Lifter™ weigh 124 lbs. and 148 lbs. respectively; they are constructed from steel members. Use two workers to deploy and remove the belt lifter from awkward setups to avoid muscular and skeletal injuries.

CAUTION

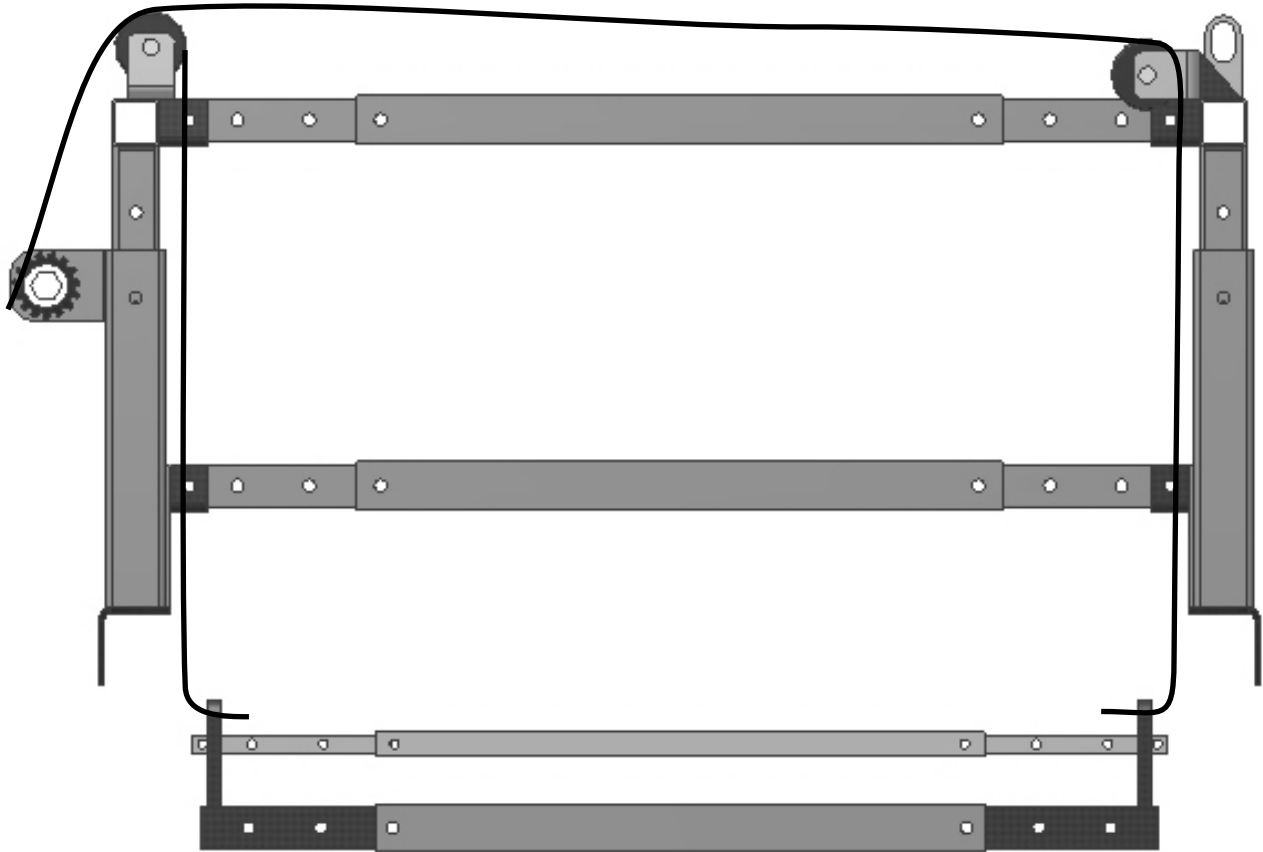
Additional copies of this instruction set are available on-line or through your ASGCO dealer. It is important for user safety to retain these instructions for training and re-training operators.

SPECIFICATIONS			
SIZE	WEIGHT	BELT WIDTH RANGE	
Small	124 lbs - 56 kg	24" - 42"	600mm - 1050mm
Medium	148 lbs - 67 kg	48" - 66"	1200mm - 1650mm
Large	336 lbs - 152 kg	72" - 96"	1800mm - 2400mm





TROUGH SIDE LIFTING



RETURN BELT LIFTING

Set-up Lifter for Belt Width to be Lifted

1. Adjust both "End Support Bases" for the Belt Width to be lifted. Insure that the top of the strap support wheel is a minimum of 12" above the highest point of the trough wing roll that the lifter will be lifting.
2. Adjust the "Lower Spreader" for the Belt Width to be lifted. Extend the spreader so that the "End Support Bases" fit over the edge of the conveyor frame.
3. Place the Lower Spreader into the lower spreader pockets and install the "Bail; Pins"
4. Adjust the "Upper Spreader" for the Belt Width to be lifted. Should be the same length as the "Lower Spreader".
5. Place the Upper Spreader into the upper spreader pockets and install the "Bail Pin"

CAUTION

Do not overdrive when lowering the unit. Could damage cranking mechanism. Clean and lubricate drive components of lifter regularly to extend optimal performance.

Lifting Top or Troughed Side of Belt

1. Place hook end of "Lifting Strap" into "Trough Strap Hanger" on opposite side of lifter from the "Lifting Winches"
2. Thread the other end of the lifting strap through the slot in the lifting winch and pull snug.
3. Rotate lifting winch crank to lift the belt

Lowering Top or Troughed side of belt

1. Rotate winch shaft to relieve pressure from the locking pawl. Release the locking pawl and allow the winch shaft to slowly rotate one or two "clicks" of the pawl, engage the pawl. Repeat above steps until all forces are released from the Lifting Winch.

Lifting Bottom or Return Side of Belt

1. Adjust the "Return Lift Spreader Bar" and the "Return Lift Support" to the proper spacing for the Belt Width that the lift is going to be lifting
2. Place the "Return Lift Spreader Bar" under the belt and the "Return Lift Support" above the belt and put the Bail Pins through the return lift support.
3. Use two straps and thread one strap to the opposite side of the lifter and down to the return strap anchor on the far side of the belt. Thread the other strap over the roller down to the return strap anchor on the near side of the belt.
4. Thread both straps through the center of the lifting winch and pull snug.
5. Rotate lifting winch crank to lift the belt

Lowering Bottom or Return Side of Belt

1. Rotate winch shaft to relieve pressure from the locking pawl. Release the locking pawl and allow the winch shaft to slowly rotate one or two "clicks" of the pawl, engage the pawl. Repeat above steps until all forces are released from the Lifting Winch.