

Custom Designed Material Handling Solutions



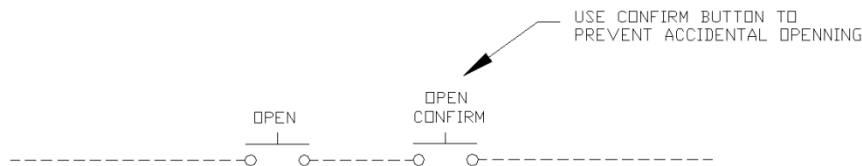
Model M5500 / M5600 Sheetlifter Model M5609 Roll Lifter Operating & Maintenance Instructions

Electrical Interconnection

Lifter is shipped completely assembled except for electrical connections. Electrical interconnection should be done by a qualified person. Refer to supplied wiring diagram for electrical interconnection. It is the responsibility of owner/user to insure that all wiring and protective devices comply with Federal, State, and Local codes. **DANGER** lifter electrical system utilizes **HIGH VOLTAGE** equipment always follow proper Lock Out / Tag Out protocol. Refer to ANSI Standard Z244.1 Control of Hazardous Energy for information regarding appropriate Lock Out / Tag Out procedures.

Operating Instruction I

A second confirm open push button is required on all units to serve as a safety interlock. This second confirm push button insures that the operator intends to open the unit and release the load. This button is provided on all units which include a pendant or remote. On units in which pendant or remote is not supplied it is the responsibility of the owner/user to incorporate the confirm button into the control circuit.



Operating Instruction II

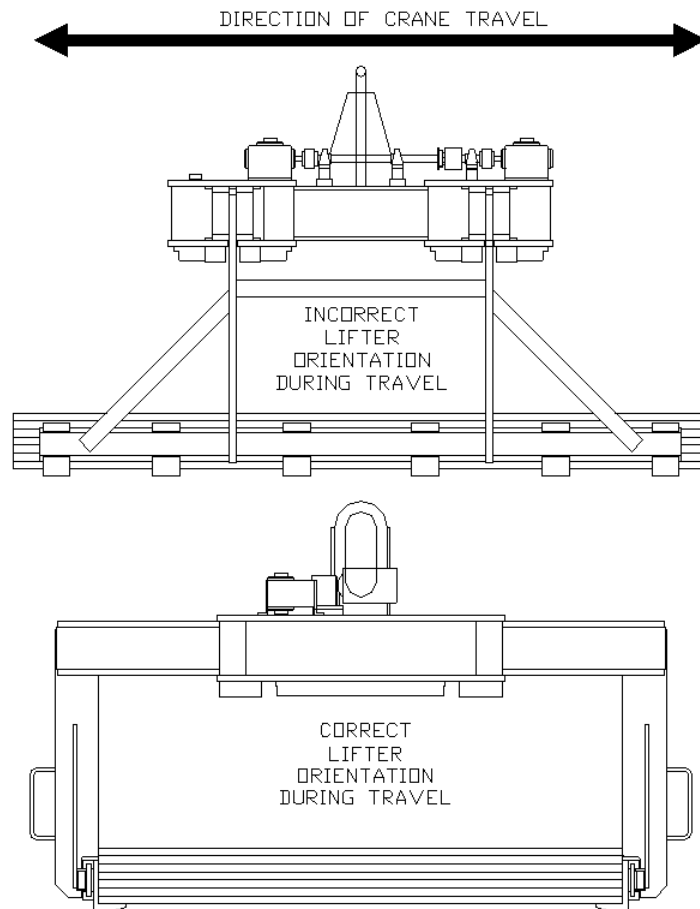
Avoid Pinch points. Never place hands on sheetlifter during operation except on handles designed for this purpose. **Warning! Failure to follow this instruction can result in serious bodily injury or death.**

Custom Designed Material Handling Solutions



Operating Instruction III

Load must be turned broadside (90°) to direction of crane travel to prevent plates from moving or sliding free. **Warning! Failure to follow this instruction can result in serious bodily injury or death.**

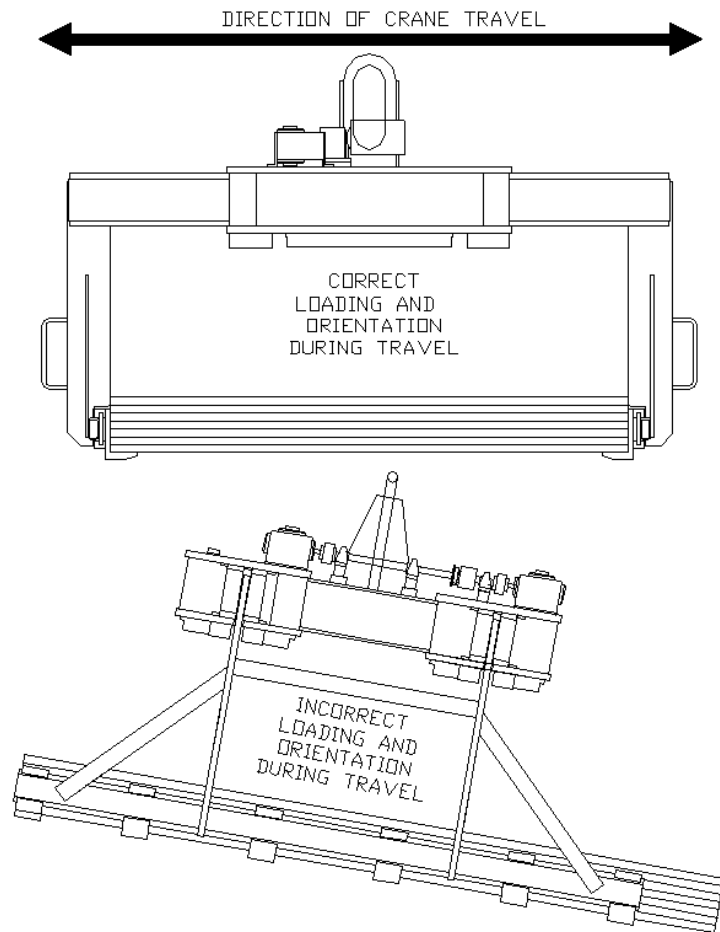


Custom Designed Material Handling Solutions



Operating Instruction IV

Grab must be loaded evenly and operated in a level condition. **Warning! Failure to follow this instruction can result in serious bodily injury or death.**

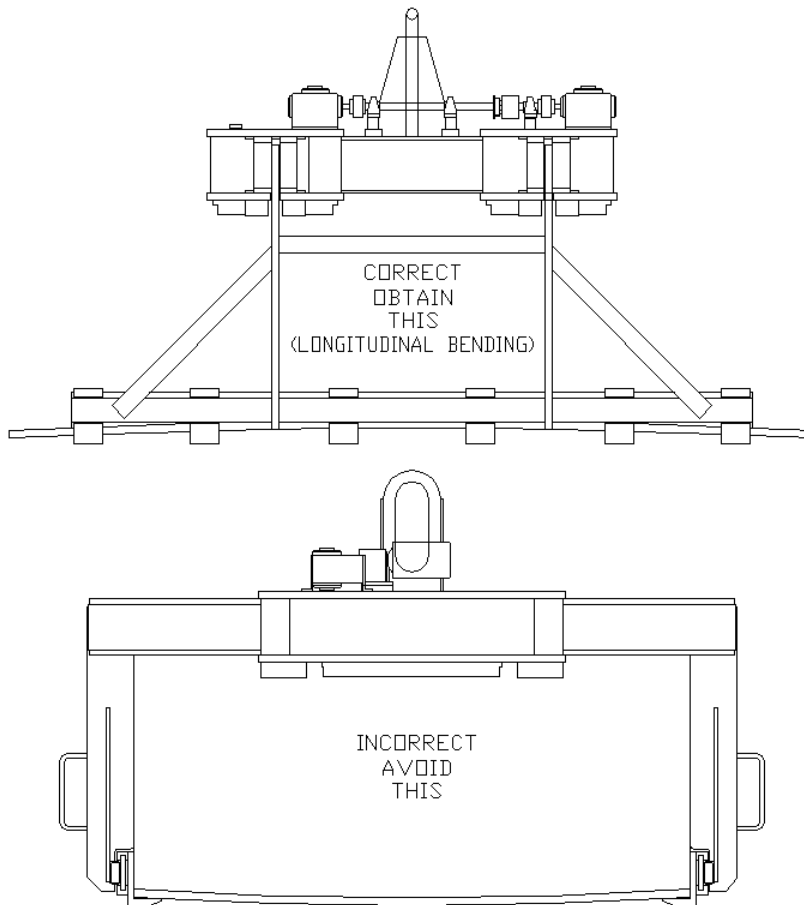


Custom Designed Material Handling Solutions



Operating Instruction V

When handling a limited number of sheets always obtain longitudinal bending to avoid potentially dropping the load. **Warning! Failure to follow this instruction can result in serious bodily injury or death.**



Maintenance - Lubrication

- Coat teeth of rack and pinion every two months with open gear grease Multi-Service No.2.
- Lubricate worm, worm gear, slides and slide ways every two months with Molykote Type G or equivalent.
- Lubricate bronze bushings and thrust bearings with SAE 30 oil when required.
- Check reducer oil level every two months. Use lubricant specified by manufacture. Refer to supplied manufactures document.

Inspection

Inspect unit daily for the following:

- Structural fatigue. Inspect the general frame, bail area, vertical members and drop legs. Contact Bushman AvonTec if any signs of fatigue are detected.
- General wear
- Loose bolts
- Damaged labels (Refer to: Identification & Safety Standards document)
- Damaged electrical wiring and components
- Bail wear. Inspect saddle portion of bail (area that contacts the hook) for wear. **Do not use if the top section (Dimension "A") measures less than 80%**, or 4/5 of original dimension. Refer to Certified Dimensional drawing for the dimensional value of "A".

