



## **OPERATING INSTRUCTIONS**

### **WARNING**

Before using this deck system, please read the following operating instructions. It is most important that you read and understand the following instructions and warnings. All must comply or failure to do so could lead to serious, system damage, product damage, trailer damage, personal injury and/or loss of life if not use properly.

### **Decking/shoring per beam capacity:**

- **Decking**-Standard Beam is 2,200 LBS. (1,000 KGS) Working Load Limit (WLL)/ **Shoring** is 2,200 LBS. (1,000 KGS) Working Load Limit (WLL)
- **Decking**-Heavy-Duty Beam is 3,000 LBS. (1,360 KGS) Working Load Limit (WLL)/ **Shoring** is 2,500 LBS. (1,134 KGS) Working Load Limit (WLL)
- **Decking**-Wide Top Beam is 4,000 LBS. (1,814 KGS) Working Load Limit (WLL)/ **Not recommended for shoring applications due to the wide flange on the beam. Not a smooth surface for bracing/blocking.**
- **Above Working Load Limits should be reduced by 50% to account for dynamic G-Forces.**

### **The WLL limit is for evenly distributed load across the entire beam.**

- For both decking and shoring applications, do not overload and stay well under the WLL capacity.
- Concentrated or point loading should not be done. Beam may fail sooner than the WLL capacity.
- Store all beams to the highest position within the trailer ceiling when not in use.
- Check all sidewalls, beams, beam heads, track, beam stops and track fasteners for damage before using.
- When positioning the beams at the height needed for decking make sure all beams are level. Do not use angle beams when loading.
- Heavier loads must be placed on the deck flooring to avoid any top heavy or an unstable trailer.
- Beam stops are in place to stop the beam from coming out of the track. Do not rest or place beam foot assembly on beam stop when loading
- Do not use fork lifts, tow motors, or anything else to raise or lower the beams accept for the proper Unlocking Rod made specifically for this system.
- Do not try to raise or lower the beams while products are positioned on the beams.
- Do not stand underneath beams while raising or lowering them into position.

### **Raising the beam to its home/stored position.**

- Make sure you have good personal footing before attempting to raise the beam.
- Make sure the area is clear underneath the beam before attempting to raise the beam.
- Make sure there are no products or pallets on the beams before raising.
- Stand to the side of the beam when using the Unlocking Rod to disengage the trigger on the foot assembly and push all the way to the top of the trailers home/stored position.
- Release Unlocking Rod from the beam foot assembly. Beam is in the stored position.

### **Lowering the beam into position.**

- Make sure you have good personal footing before attempting to lower the beam.
- Make sure the area is clear underneath the beam before attempting to lower the beam.
- Make sure there are no products or pallets on the beams before lowering.
- Stand to the side of the beam then use the Unlocking Rod to disengage the trigger on the foot assembly and lower to desired decking position.

### **Inspection and/or maintenance on the deck system:**

- Check the trailer walls, track fasteners and each component of the system before use.
- Make sure the beams raise and lower in the track before using.
- Check beams and track to make sure there is no damage to them before using.
- Repair or replace any component as needed.