

# GLOBAL TRUSS<sup>®</sup>

## A M E R I C A

### ST-132 CRANK STAND PRODUCT DESCRIPTION

Thank you for choosing an ST-132 light stand from Global Truss America. This stand has been designed to have a low loading height, obtained by a multi-mast configuration. The telescopic masts are made of treated steel and have been sized in order to obtain maximum rigidity. The top mast has been designed with a 1-3/8" diameter steel tube which is standard in the industry for lifting and supporting pro audio speaker cabinets. Special attention has been placed on security. The spring loaded safety pins guarantee extra security when operating the stand. As a third safety device, each mast can be secured with a tension knob.

The ST-132 is equipped and shipped with:

- Adjustable metal tripod base with telescoping leg
- Large tension knobs
- Manual cable winch with built in safety brake
- Safety spring loaded pins
- 4 light Lighting T Bar (Not Shown)

**(STSB-005 TRUSS ADAPTOR SHOWN IN THE PICTURE IS NOT INCLUDED)**



**ST-132 Technical Specification**

Maximum load:	100kg	220lb.
Maximum height:	4.0m	13`1.5”
Minimum height:	1.75m	5`9”
Footprint:	1.6m	5`3”
Unit Weight:	25kg	55lb
Transport size:	1.75m	5`9”
Material:	Treated Steel	
Finish:	Epoxy Black Paint/ Electro-Galvanized	

**SETTING THE BASE**

- 1): Place the stand in the Vertical Position. Unlock Pin (1) and Knob (1)
- 2): Raise the centre post until the tripod base is fully extended. Lock Pin (1) and Knob (1) in the lowest hole.
- 3): Ensure the ground is firm enough to prevent the stand from sinking. The stability of the stand is os prime importance for secure operation. For outdoor use on a soft surface, 3/4" plywood pads under each foot is recommended
- 4):When using the stand on a slopped surface, use the adjustable leg (Pin (A) & Knob (A)) to level the stand. Once the stand is levelled, release the spring loaded safety pin into the positioning hole and tighten the tension knob.

**INSTALL THE LIGHTING BAR**

- 1): Install the lighting bar, and tighten the knob on the lighting bar
- 2): Install the desired lighting fixtures.

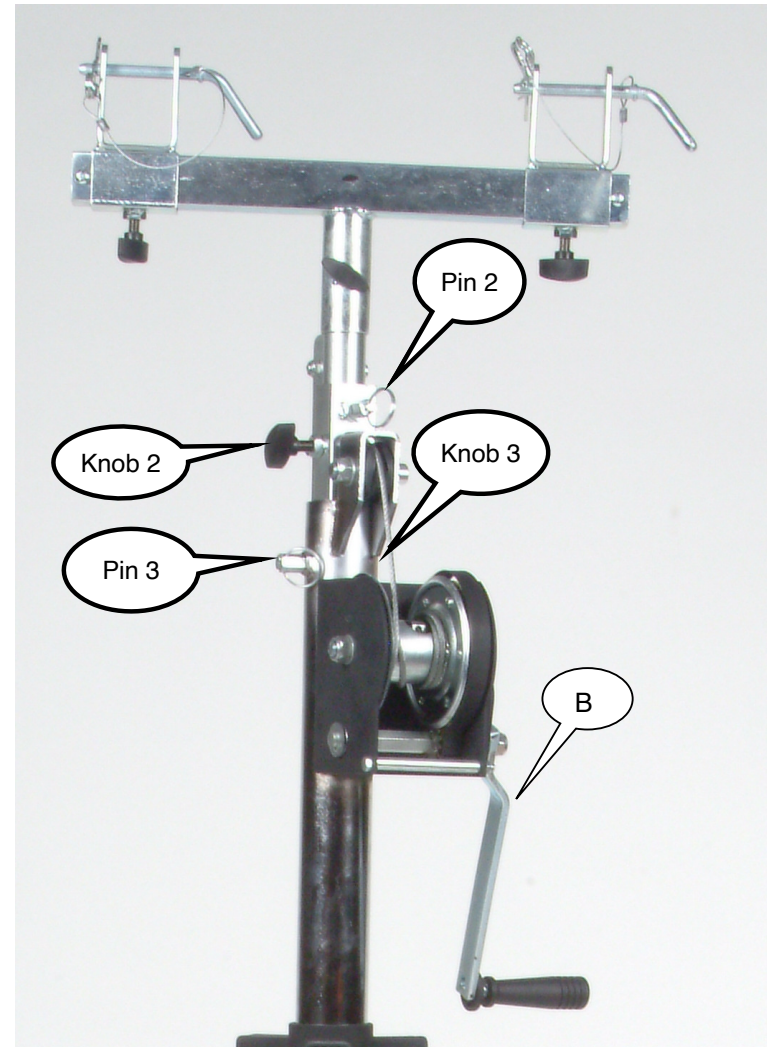


### **RAISING THE MASTS**

- 1): Loosen the tension knob (2) on the top mast.
- 2): Tighten all other tension knobs to ensure that the stand is lifting the top masts only. The top mast must be raise first, followed by the second mast in sequence.
- 3): Pull the safety spring loaded pin (2) to unlock the top mast.
- 4): Turn the winch crank (B) clockwise to raise the top mast. When the desired height has been reached, release the safety spring (2) loaded pin into the positioning hole on the mast.
- 5): Tighten the tension knob (2) to secure the mast and to avoid any lateral movement and further lifting.
- 6): Repeat steps 1-5 with on the 2<sup>nd</sup> mast. Loosen the tension knob (3) and release the safety spring loaded pin (3)
- 7) Once the desired working height has been obtained and all spring loaded pins have been locked and the tension knobs have been tighten, turn the winch crank handle (B) a 1/4 turn counter clockwise to release tension from the cable.

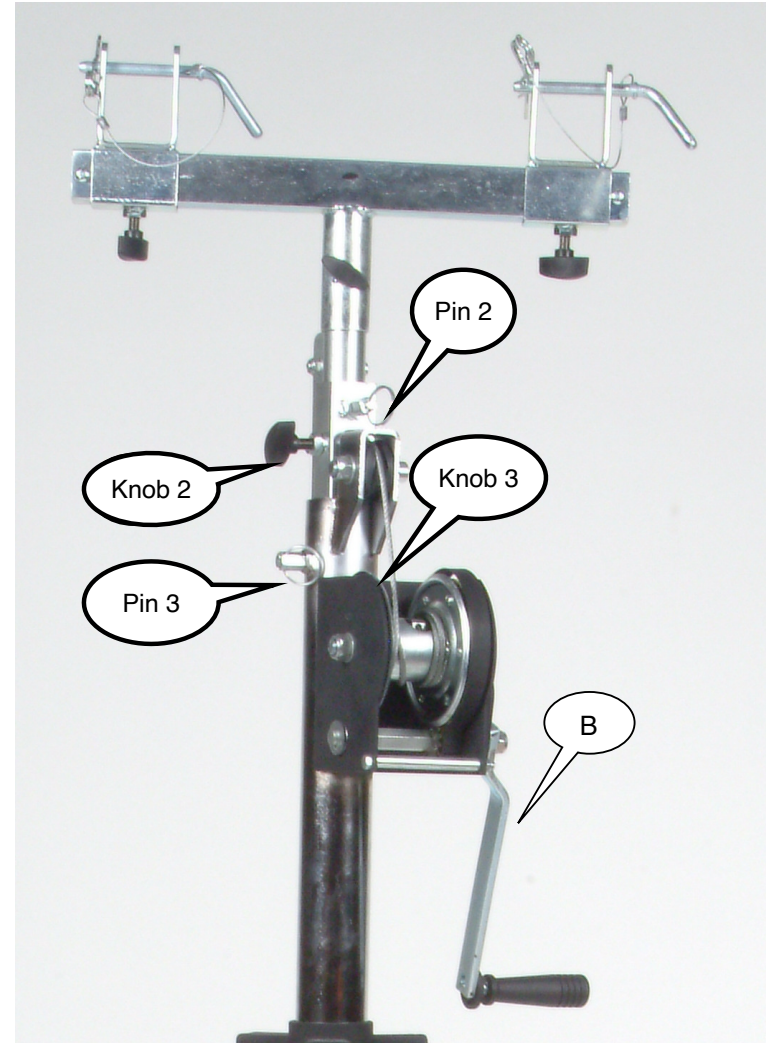
### **IMPORTANT**

- 1) All equipment that is being raised by the cranks should be secure with Global Truss TUV rated clamps and safety cables prior to raising the mast to the desired working height.
- 2) One operator per stand is required when using the stands in pairs to lift trussing.
- 3) Keep hands and fingers clear of the steel cable and mast when lifting or lowering the mast.



### **LOWERING THE MAST**

- 1) Turn the winch crank handle (B) a 1/4 turn clockwise to add tension to the cable. Reverse the lifting the mast steps 1-6 to lower the masts. All of spring loaded safety pins (1 and 2) must be locked into the lowest positioning hole and tension knobs must be tighten (1 and 2)
  - 2): Fold up the tripod base and make sure that the spring pin is locked and the tension knob is tighten. Release the (A) Pin & Knob from the levelled leg if used
  - 3): Turn the winch handle (B) until the cable is tight.
  - 5): Your stand is ready for transport.
- ✧ The steel cable must be correctly and completely rolled on the winch to avoid crushing the fibers.
  - ✧ The stand can be transported in a vertical or horizontal position.
  - ✧ Place the stand into the storage bag for transport



### **SAFETY NOTES**

- 1) Carefully inspect all parts before each use.
- 2) Do not exceed the load limitations provided in this guide. The weight of the truss and the equipment on the truss must be accounted for as load being supported by the stand. The load must be evenly distributed on the stands
- 3) Adequate safety measures must be taken when personnel is working underneath the loads carried by the truss and the stands. Safety cables and TUV rated clamps must use on all equipment being supported by the stands.
- 4) All electrical devices hung on the stand or by the stand must conform to the technical codes concerning electrical devices.
- 5) The stand must only be operated in the vertical position.
- 6) All moving parts on the stand should be checked regularly for damaged and wear and tear.
- 7) The steel cable should be checked regularly for fraying.
- 8) Do not use the stand if the welds or materials are cracked or if the unit has been dropped. The structural integrity may be compromised.
- 9) Do not move the stand when it is loaded.
- 10) Do not use the stand to lift people.
- 11) Do not lean ladders on the stand.
- 12) Do not use the stand in extreme outdoor weather conditions.
- 13) Do not allow the stand to be used on soft surfaces.

### **DISCLAIMER**

- 1): The use of trussing and lifting equipment in temporary or mobile applications is the sole responsibility of the operator.
- 2): During the warranty period, Global Truss or one of our authorized service centers will repair the stand if the damage is attributed to faulty materials or manufacturer defects.
- 3): The warranty does not cover damage due to negligent handling, overloading or parts subject to normal wear and tear.
- 4): The use of parts not supplied by Global Truss America or modifications to our design by third parties will void all warranties.