
DIVEQUIP Freestanding Spotting Rig

(Item # DIVEQUIP PortSpotRig)

SPECIFICATIONS:

- The DIVEQUIP Freestanding Spotting Rig is the finest freestanding spotting rig available for purchase in the United States. It can be used over a trampoline, dryland diving board, landing pit, mat or other gymnastic or diving equipment. It can be used indoors or outdoors**.
- The DIVEQUIP Freestanding Spotting Rig features our EXCLUSIVE built-in “Double and Triple Failure Protection”. If one of the pulleys or one of the clips that holds a pulley should ever fail, the attached steel cable loop(s) will “catch” the falling rope and pulley and not allow the diver to crash into the trampoline bed or landing mat.
- The Freestanding Spotting Rig is 18’ high, 12’ wide and has two 12’ long bases.
- The Freestanding Spotting Rig uprights are constructed of 2-inch 11-gauge tubular steel. The slide joints are constructed from 2½-inch 7-gauge steel.
- The Freestanding Spotting Rig is painted with red oxide primer using an electrostatic process. Most customers paint the spotting rig with their school or club colors. NOTE: Prior to any use outside or in a swimming pool environment, the spotting rig MUST be painted with a Rust-o-leum type finish coat.
- The Freestanding Spotting Rig itself weighs approximately 585 lbs. and ships unassembled in 3 packages that are wrapped in shrink-wrap via ground freight. The pulleys, spotting ropes, pulley attachment quick links, swivel belt clips and assembly instructions and intended use / warning statements are shipped separately via Fed Ex Ground.

PARTS LIST:

- Two (2) 18’ Vertical Uprights
- Two (2) 12” long Triangular Bases.
- Two (2) Top Corner Pieces (To attach crosspiece to uprights).
- One Horizontal Cross Piece with exclusive built in “triple and double failure protection”. In addition, there are two more welded-on loops approximately three feet down on the vertical uprights to be used for the optional addition of a double and single pulley. (To be used when additional pulley width is desired)
- Four (4) 14’ galvanized steel aircraft cables with attached turnbuckles. The cables are already attached to the uprights (These cables run from the top of the spotting rig to the four edges of the spotting rig bases to add stability to the rig.)
- One (1) high load 3” single sheave rescue pulley with oilite bushing.
- One (1) high load 3” double sheave rescue pulley with oilite bushing.
- Three (3) heavy duty “Quick Links” for attaching spotting pulleys to spotting rig.
- One (1) piece 45’ long ½” NFPA Certified nylon / poly static spotting rope.
- One (1) piece 60’ long ½” NFPA Certified nylon / poly static spotting rope.
- Two (2) zinc plated spotting belt swivel clips (for attaching spotting ropes to spotting belt)
- Assembly Instructions and intended use statements.

WARNING:

Any activity involving motion or height creates the possibility of catastrophic injury, including permanent paralysis and even death. YOU assume a risk of serious injury in the use of this equipment, but this risk can be significantly reduced by always following these simple rules:

- 1) Use this equipment ONLY under the close and careful supervision of a trained and qualified instructor. We recommend instructors certified by United States Diving, Inc. (USD), United States Gymnastics Safety Association (USGSA) or United States Gymnastics Federation (USGF).
- 2) KNOW YOUR LIMITATIONS AND THE LIMITS OF THIS EQUIPMENT. Follow USD, USGSA or USGF, guidelines and progressive learning techniques. ALWAYS CONSULT YOUR INSTRUCTOR.
- 3) This equipment MUST be used with proper spotting equipment and qualified spotters SUITABLE to the skill or trick being learned. ALWAYS CONSULT YOUR INSTRUCTOR.
- 4) Prior to each use, INSPECT this equipment for loose fittings, damaged pulleys, damaged quick links or frayed spotting rope. Be sure to check for proper tightness and positioning of the spotting belt.
- 5) TEST STABILITY of spotting rig before each use.

TOOLS NEEDED FOR ASSEMBLY:

- Adjustable wrench or 9/16" box wrench or 9/16" socket wrench
- Small container of "Loc-Tite Red" Brand (Found at most hardware or home improvement stores)

FREESTANDING SPOTTING RIG ASSEMBLY INSTRUCTIONS:

NOTE: AT LEAST **FOUR ADULTS** ARE REQUIRED TO SAFELY ASSEMBLE (OR DISASSEMBLE) THE FREESTANDING SPOTTING RIG.

STEP 1: Make sure that you have all parts and tools listed above including assembly instructions and intended use / safety warnings. If any parts, pieces, instructions or warnings are missing or damaged, please contact DIVE Cincinnati, Inc. at 1-513-697-9509.

STEP 2: CAREFULLY read this entire specification sheet, parts list, safety and intended use warnings and assembly instructions BEFORE beginning to assemble or use this equipment.

STEP 3: If you plan to paint the Freestanding Spotting Rig with your school or club colors, we recommend using "Rust-o-leum" brand paint and we recommend that you paint before assembling your rig. If this spotting rig will be used outdoors or in an indoor pool environment, it is imperative that it be painted right away to prevent rust damage.

STEP 4: Lay the two 18' vertical uprights on the ground parallel to each other and with approximately the width of the horizontal crosspiece between them.

STEP 5: Attach the two Top Corner Pieces to the top of the Vertical Uprights. Make sure the Top Corner Pieces slide completely onto the Vertical Uprights. Tighten the setscrews that hold the Top Corner Pieces to the Vertical Uprights using wrench or socket. In the same manner, attach the Horizontal Crosspiece with built-in exclusive “Double and Triple Failure Protection” device to the two Top Corner Pieces and tighten the setscrews that hold it in place.

STEP 6: Attach the single sheave pulley to the welded-on loop at the top corner of the spotting rig using one heavy-duty quick link. Then, using two heavy-duty quick links, attach the double sheave pulley to the horizontal cross piece making sure that each quick link is attached to a separate welded-on attachment loop. NOTE: Make sure that the double sheave pulley is on the side of the spotting rig where the spotter will stand. Tighten the quick links using a wrench. (We recommend that you use Loc-Tite Red on the quick links to prevent any accidental unscrewing of the quick link during use.)

STEP 7: Install the spotting ropes through the now attached high load pulleys. The long rope (60’ section) should go over the double pulley, through BOTH exclusive built-in “Double Failure Protection” cable loops as it runs across the Horizontal Cross Piece of the spotting rig and down over the single pulley. The short rope (45’ section) should go over the double pulley and down through the exclusive built-in “Double Failure Protection” cable loop. **CAUTION: Make very certain that the long rope is fed through BOTH exclusive built-in “Double Failure Protection” cable loops – the one located near the double sheave pulley and the other one located near the single sheave pulley. Make sure that the short rope, after being inserted through the double pulley, goes down through the exclusive built-in “Double Failure Protection” cable loop that is located around the double sheave pulley.** NOTE: The short rope should only go over the double pulley. NOTE: It does not matter which sheave of the double pulley is used for each rope.

STEP 8: With at least FOUR ADULTS, attach the Triangular Bases to the Vertical Uprights by lifting the bottom of each Vertical Upright up high enough to attach the Triangular bases. Make sure the Vertical Uprights are completely inserted into the Triangular Bases. With all four adults, carefully lift the spotting rig to a standing position. Tighten the setscrews that hold the Vertical Uprights in place in the Triangular Bases.

STEP 9: Attach the four cable wires from the Vertical Uprights to the Triangular Bases located at the corners of the Freestanding Spotting Rig Bases. Attach cable wires to the Triangular Bases by inserting the turnbuckles to the welded-on loops of the bases.

STEP 10: Remove any slack in the cable wires by tightening the turnbuckles that attach the cable wires to the Freestanding Spotting Rig Base.

STEP 11: TEST THE SPOTTING RIG BEFORE USING. To do this, have one adult stand on underneath the Freestanding Spotting Rig and tightly hold each of the ropes at the swivel clips – one in each hand over their head. Have another adult pull (not jerk) on the spotting ropes from the ground in order to apply as much tension as possible to the ropes, pulleys, clips and spotting rig without causing injury to the person holding on to the ropes. Once you are satisfied that the freestanding spotting rig has been properly assembled and tested, you can now begin spotting your athletes.



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NOTE: Both the manufacturer and marketer of this product encourages, recommends and advises all persons using this or any trampoline spotting rig to attend, understand and successfully complete a "Spotting Certification Course" as presented by United States Diving, Inc. – the National Governing Body for the sport of springboard and platform diving in the United States. Visit the U.S. Diving website at www.usdiving.org for more information detailing dates and times of a clinic in your area.

ADDITIONAL WARNING: Great caution and care should be exercised when dismantling the freestanding spotting rig. This endeavor should NEVER be attempted alone. AT LEAST FOUR ADULTS are required to safely dismantle the freestanding spotting rig.