



THE LIGHT SOURCE INC

UTP Universal Truss Pick, Mill

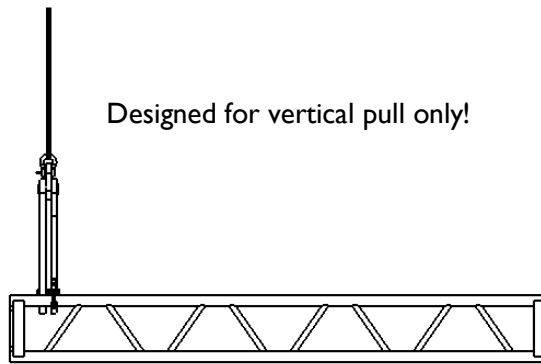
UTPB Universal Truss Pick, Black



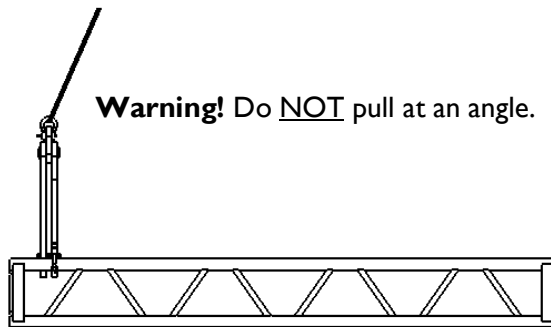
The Universal Truss Pick may be fastened onto either the top or the bottom chords of the truss as determined by the truss manufacturer. Because of the length of the Universal Truss Pick, the truss is stabilized in rotation about its long axis. Each arm of the Universal Truss Pick is designed to support one ton of truss load in a vertical pull. Use standard derating charts that incorporate the pivoted angles for the truss size used. The Universal Truss Pick is not designed for twisting load vectors along the long axis of the truss.

The Universal Truss Pick is similar in nature to a 2-leg Basket Hitch. With basket hitch rigging, it is possible for both legs to be vertical (90°), which results in a full working load limit condition. The Universal Truss Pick connects the two legs via a steel pivot link which creates an angle between horizontal and either one of the legs. Since there are two equal length legs, the angles are equal.

Following published rigging guidelines for lifting slings, the design load is inversely proportional to the width between horizontal truss chords. The greater the distance, the lower the rating as the sling angle factor is applied. The resulting design load ratings are shown on the right.

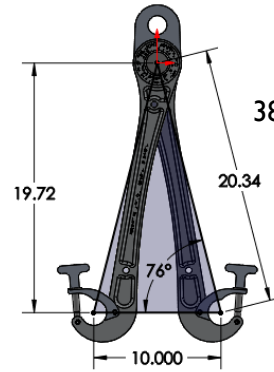


Designed for vertical pull only!

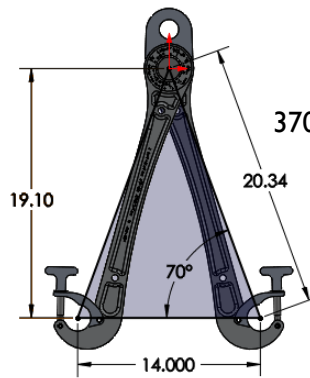


Warning! Do NOT pull at an angle.

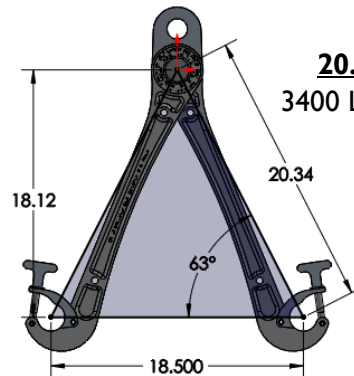
Design Load by Truss Size



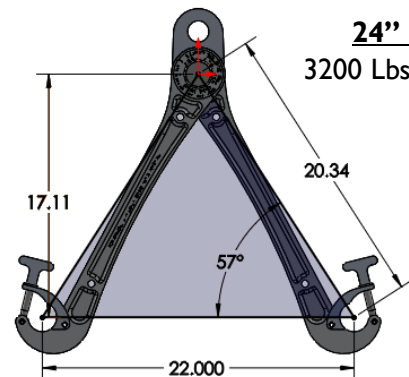
12" Truss
3800 Lbs / 1723 Kg



16" Truss
3700 Lbs / 1678 Kg



20.5" Truss
3400 Lbs / 1542 Kg



24" Truss
3200 Lbs / 1451 Kg