

# Synthetic Equalizer Block User Manual



## WARNING

Use only with Twin-Path® slings. Synthetic Equalizer Block can fail if damaged, misused, overloaded, or improperly utilized. Inspect Synthetic Equalizer Block and Twin-Path® slings prior to use. Do not use a Twin-Path® sling that is wider than the stated maximum sling width for the size of the Synthetic Equalizer Block being utilized. Do not exceed rated capacity of the Synthetic Equalizer Block. Read and follow Manufacturer's Instructions before use. Use only if trained. Inspect before use.

**Death or Injury can occur from improper use or maintenance**

## Slingmax® Synthetic Equalizer Block Intended uses:

The Synthetic Equalizer Block is used to maintain equal tension on all legs of a Twin-Path® sling during a lift. It will automatically adjust itself when pressure is put on the device from the sling and equalize loading on any pick point.

This also makes the Synthetic Equalizer Block a great tool for adjusting from Horizontal to Vertical planes.

## Why the Synthetic Equalizer Block only works only with Twin-Path® Extra Covermax® Slings

The Twin-Path® sling's two path design allows the load bearing core yarns to spread out along the valley of the patented sheave. The Twin-Path® Sling also allows full working load limit of the sling and the block to be compatible due to low D/d ratios with the Twin-Path® Sling.

The Covermax® Cover is the most abrasion resistant cover in the industry. This translates into a high coefficient of friction that enables adhesion to the sling and sheave when a load is applied. This adhesion is only possible with Twin-Path® Slings.

## Hitch Type for the Sling in the Block

The Twin-Path® Sling should be used in an inverted basket hitch with one part of the body directly on top of the other. Warning indicators should be at least 18" away from attachment points with the load.

The Inverted Basket Hitch can be used anywhere between 45° - 90° from the horizontal angle - Rigging below a 45° horizontal angle is not recommended.

- **Please be aware** - when loading the sling less than 90° the tension in the legs of the basket changes and need to be calculated so you do not overload the sling.

- **Please be aware** - when using only one block - The load should be rigged so that it is stable and the Center of gravity cannot rotate.

- **Please be aware** - The footprint of the Synthetic Equalizer Block is the inside width between the walls of the sheave.



The Synthetic Equalizer Block is designed to accommodate rigging on both the bow or the pin of a shackle.



Flatten the body of the Twin-Path® Sling.

Feed the Twin-Path® Sling through the bail of the Synthetic Equalizer Block.

## Manufacturer's Warning!

Do not rig within 18 inches of the tag area. This NO RIG ZONE is typically indicated by orange fabric.





Do not use a Twin-Path® Sling that is wider than the footprint of the Synthetic Equalizer Block sheave.



Only use Twin-Path® slings that properly fit the footprint of the synthetic Equalizer Block's sheave.

## Horizontal Sling Angles

