

*"From Creative Concepts Come Ideal Solutions"*

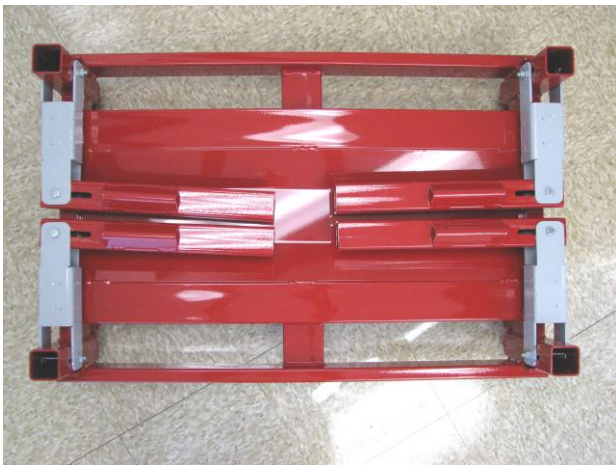
### **Improvements in Corner Post Functionality**

Corner posts on steel shipping racks have been in existence for many decades. They perform the basic function of allowing products placed on the rack deck, protection from vertical load damage when the racks are stacked. The basic designs have been rigid, folding, or removable.

The option of folding or removing the corner posts provides an improvement in the number of racks that may be efficiently moved or stored. This is ideal for returning the racks in closed loop situations and has increased the usage of steel racks in many markets. Folding is preferred over removable corners which can lead to lost corners.

The NEW- TRINGE™ 3 way folding corner post, will allow the corner to be positioned in 3 different planes, while staying attached to the rack:

**1<sup>st</sup> position is with the corner post folded onto the deck surface**



**2<sup>nd</sup> position can fold the corner outward from the deck, parallel to the deck length**



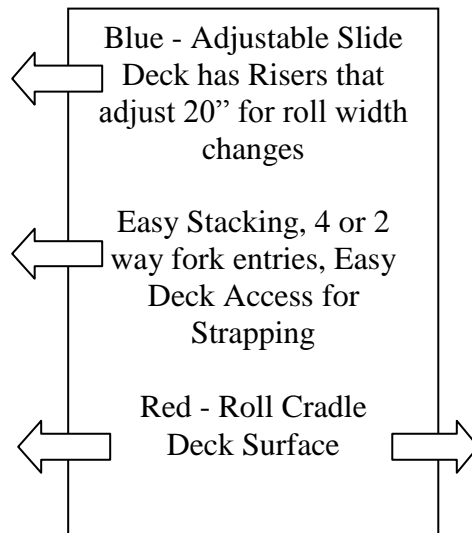
**3<sup>rd</sup> position is vertical for product protection when stacked**



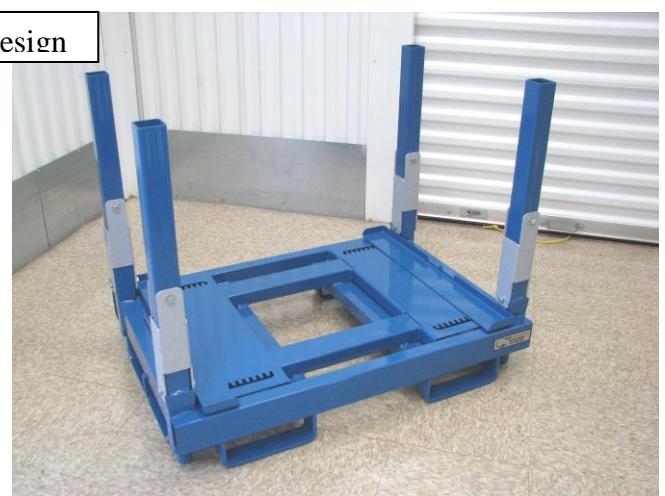
The deck can be designed for almost any product needing to be moved from one place to another, or stored in warehouse. The deck surface is totally available for design. Load sizes can be “pushed” to the max of the deck size extreme and the corners will be clear for loading. Once loaded the TRINGE stands up for shipping.

1. Folding the TRINGE™ Corner along the deck length eliminates lifting over the corners
2. No vertical load is applied to the product being shipped
3. Safely stacks folded or loaded with alignment pins that insert to the open top of each corner
4. Deck can have locations for components such as: engines, axles, tanks
5. The deck may also be designed to hold rolls of material in cradles
6. Rolls of material suspended on wood or plastic end boards, easily adjust for width via adjustable deck risers
7. Steel end boards are designed to suspend rolls, lighter and cleaner than wood
8. Bulk bagged materials stack safer with less chance of puncture when used with TRINGE™ Corner.

The above rack configurations are the beginning of what is sure to be a long list of applications to benefit from the newly developed TRINGE™ CORNER. TRINGE™ is the acronym for the 3 planes used by the Patent Pending hinged system.



Slide Deck Design



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