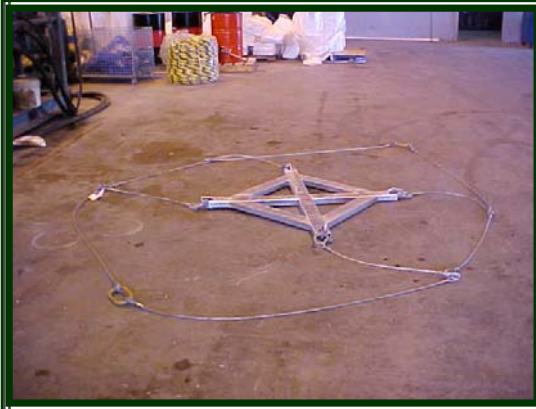


PROLINE SYSTEMS, INC.

Bulk Bag Cradle

Phone: (337) 369-3343

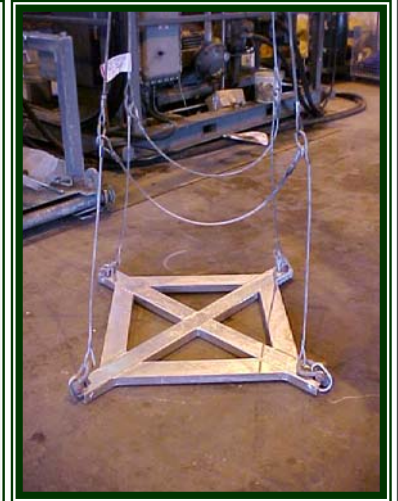
Email: prolinesys@cs.com



Empty Bag Cradle



Top Rig of Tackle



Empty Cradle



4000# Bulk Bag of Salt

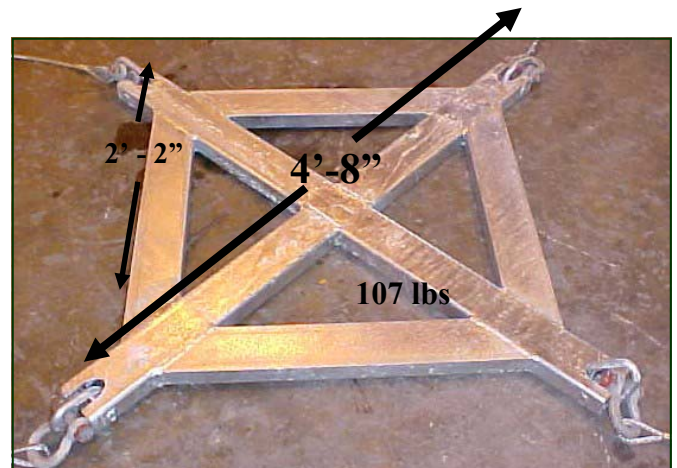


Bottom of Bulk Bag Cradle

Proline Green Bulk Bag
50 Cubic Feet
48" W x 52" H (full)
24" W x 24" L (empty)

Dynamic Load Bag Cradle For 50 cu ft Bags

Object is to design a basket cradle for the 50 ft³ Proline bags so that the cradle and rigging are used under dynamic conditions with no involvement of the bag web slings involved in the load transfer. The basket cradle to be provided with four lift rings and designed for 8000lbf loading.



PROLINE SYSTEMS, INC.

Bulk Bag Cradle & Basket

Cradle Basket for Proline Bag Cradles

In the subject matter the basket and 24 each cradles weigh slightly less than 6000 lbs., requiring a test load of 15,000 lbs. This test load produces stresses on the order of 63% of yield in framing of the basket. This stress level would be normal for design of cargo gear in accord with the American Bureau of Shipping Appendix C.



Basket holds 24 each of the cradles

Cradle Basket 4 ' 6" x 12 ' 6"

