



# BRICKING SOLUTIONS

A DIVISION OF **BROKK**<sup>®</sup>

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Made in U.S.A. by:  
**BRICKING SOLUTIONS,**  
A DIVISION OF **BROKK**

Formerly Known As:  
**Pneumat-O-Ring International**

1144 VILLAGE WAY  
MONROE, WA 98272 U.S.A.  
360-794-1277 \* PHONE  
360-805-2521 \* FAX  
800-621-7856 \* TOLL FREE IN USA & CANADA  
[WWW.BRICKINGSOLUTIONS.COM](http://WWW.BRICKINGSOLUTIONS.COM)  
[WWW.BROKKINC.COM](http://WWW.BROKKINC.COM)



# WARNINGS

1. The proper and correct use of this equipment is absolutely essential for the safety of personnel.
2. The Bricking Solution's protective cage system is designed to protect personnel from "limited" falling of coating or damaged refractory brick.
3. The steel mesh top covers will only catch and deflect materials greater than 2 inches (50 mm) in size. Therefore all personnel using this system MUST wear hard hats to protect them from smaller falling material.
4. When properly installed and setup this system is designed and tested to catch and deflect a maximum weight piece of coating of 250 lb. (114 kilograms) falling from a maximum distance of 2 ft. (600 mm).
5. If the users environment has characteristic coating fall of the maximum size or larger, DO NOT use this system and DO NOT enter the kiln until all coating has been removed using remote controlled equipment.
6. The proper use of this system requires that the cages be installed as high and close to the coating in the top of the kiln as possible.
7. The maximum clearance between the top of the inspection cage and the coating in the top of the kiln shall be 16 inches (400 mm).
8. The recommended clearance will reduce both the possible height of falling coating and increase the clearance and distance over the heads of personnel in the system.
9. This system may sustain damage from falling materials. If damage occurs, components sustaining the damage MUST be replaced or repaired prior to further use of the system.
10. All aluminum components of this system are fabricated from 6061-T6 aluminum and welding complies to AWS -D-12. Prior to every usage of this system, all components shall be visually inspected for any damage and during installation all members noted for proper fit and alignment. It is absolutely essential that all components in this system be in good condition and properly installed with recommended clearances to ensure the maximum safety of the personnel.



# WARNING LABELS & PARTS LIST



Cage fully assembled



Carrying the Cage



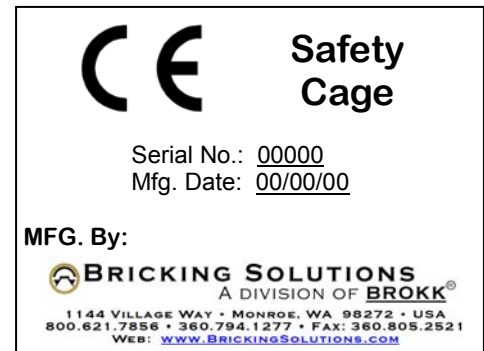
Disassembled Cage



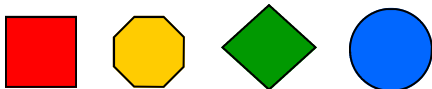
WARNING:  
Pinch point



DANGER! Keep head below this point



CE Certification Label



Color Coding for easy assembly

## The Safety / Inspection Cage :

- I. The cage is made up of the following parts:
  - 2 Top Side Panel Assemblies - color coded
  - 2 Bottom Side Panel Assemblies with 1 adjustable post each - color coded
  - 1 Truss Cap
  - 2 Horizontal Truss Connectors
  - Chain-link Mesh Covers
  - Various Hardware

For comments, questions, or technical support call:

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# ASSEMBLING THE CAGE



Lock cross braces



Attach the upper side panels. All are color coded



Insert bolts



Attach the top truss connectors.



Roll the wire mesh across the top.



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Attach the bottom side panels.  
These are color coded.



Insert bolts to each side.



Connect the combo safety bar  
and lifting handles..



Insert bolts to each side.



The handles should bend towards the  
center of the cage for carrying.



To disassemble the cage ,  
reverse the assembly instructions.

If any of the parts are damaged in shipment or on the job they must be replaced to secure the integrity of the cage.



# EC-DECLARATION OF CONFORMITY CERTIFICATE

We  
**Bricking Solutions, Inc.**  
declare under our sole  
responsibility that the product

**Safety / Inspection Cage  
Serial Number 0000**

Technical data: See Marking Plate  
to which this declaration relates, is in conformity  
with the requirements of the Council Directive of  
14 June, 1989 on the approximation of the laws of the  
Member States relating to machinery (98/37/EC)  
Self-certified under NIST SP 951

Bill Barraugh / President

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