

FARADAY CAGE SLIDING DOOR
GLOBAL EMC SYSTEM

Global EMC produce a high performance smooth running Faraday Cage sliding door - see YouTube video:
<https://www.youtube.com/watch?v=HMgU0tTx4IU>

There are Automatic motion and manual versions available.

The mechanism mechanical interfaces are all on roller bearings for smooth X and Y motion of the door away from the chamber and sliding across the chamber opening.

The latching is caused by a parallel acting carriage having an up & down motion, this ensures the four point latch always keeps the door normal to the frame so that miss-alignment is negated.

The safety feature is that the door has external mechanism so that if mechanical damage occurs (say via collision with a forklift) the external latches can be unscrewed and the door will push open.

The size of the door can be up to 6m x 6m and auto ramps can be integrated.


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