

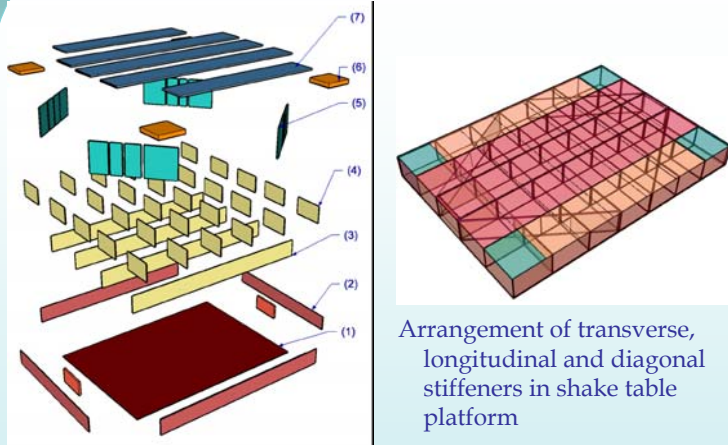
Assembling of Shake Table at IIT Kanpur

Shake Table & Servo-hydraulic Actuator

Department of Civil Engineering, Indian Institute of Technology Kanpur

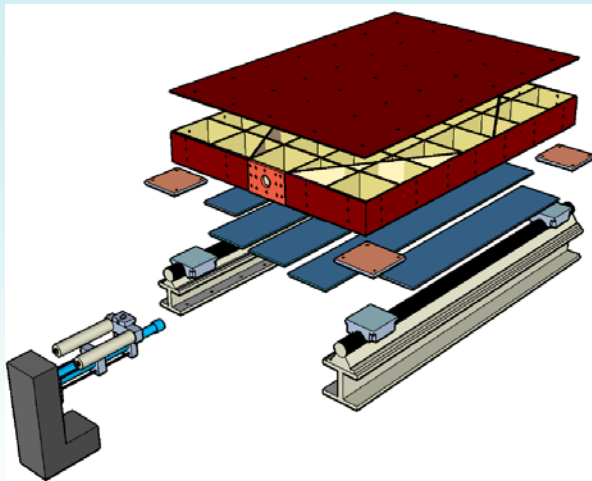


Exploded view of Shake Table Platform



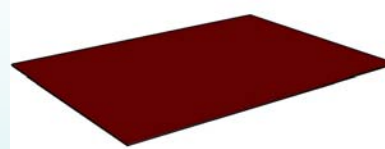
Arrangement of transverse, longitudinal and diagonal stiffeners in shake table platform

- Prepare all individual components by cutting, machining and grinding. The individual members are shown in the explosion Fig.



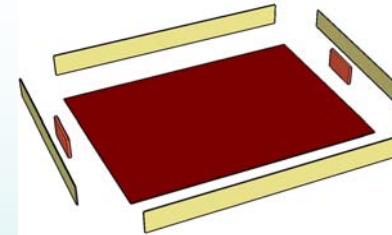
Various components of shake table

Assembling of Shake Table



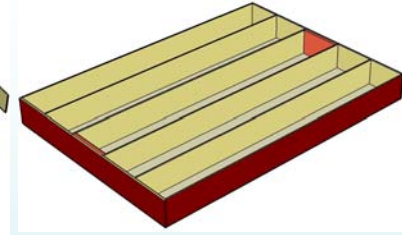
The top plate held on the ground before the side plates are welded

(1)



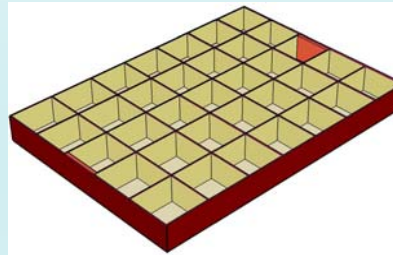
Four Side Plates welded along with Top Plate

(2)



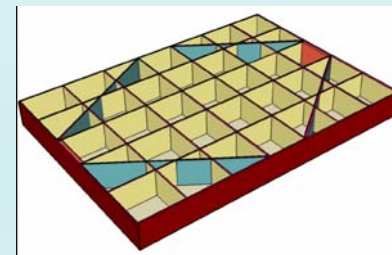
The longitudinal plates welded on the top plate

(3)



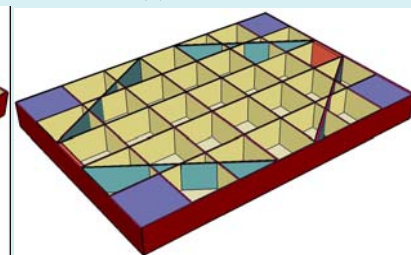
The transverse square plates welded to the longitudinal plates

(4)



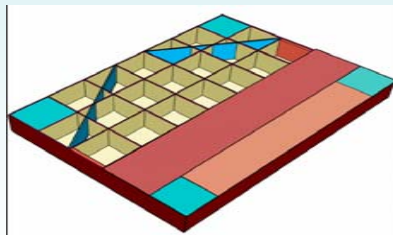
The diagonal stiffeners welded to the horizontal and vertical stiffeners

(5)



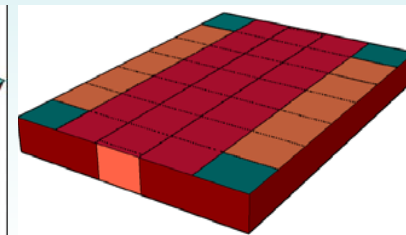
The pillows being welded on top of the horizontal and vertical stiffeners

(6)



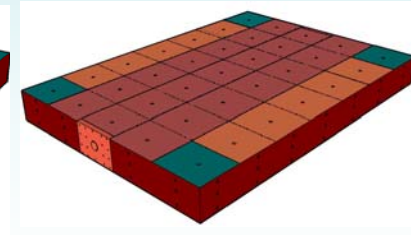
The pillows being welded on top of the horizontal and vertical stiffeners

(7)



The bottom plates were welded

(8)



Shake table with holes drilled at specified locations

(9)