

## Salient Features:

■ Customized orthotropic beams designed precisely for the purpose of truck scale application. These orthotropic beams are a global norm today and world-leaders are aggressively using these designs across Europe and America. The only reason that such a design is reaching late to Indian customers is that, it requires precise designing tools and a very large upfront investment in the form of state of the art machinery. Being a company committed to providing value to our Esteem Customer's, we have invested in state of the art machinery to bring the best (in weighbridge structures) to you.

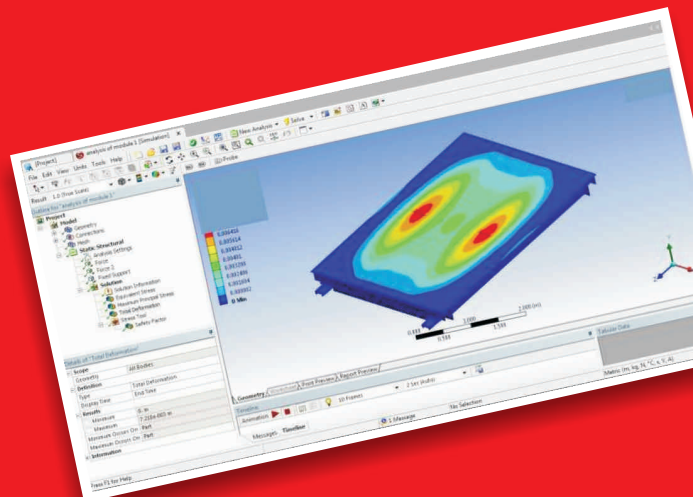
■ The structure incorporates epoxy based paint technology with dual paint coats to give a superior finish and long life to the structure to give excellent results in the long run. This is very different from cheap black bituminous paint coated on run of the mill truck scales manufactured in India. Although a little expensive, this paint compensates for its long life and outstanding performance.

■ The structure is a machine for vehicle weightment and not a bundle of steel beams and plates made by any local fabricator without the basic knowledge of weighing technology. Having invested time, effort and money in designing superior structures with precise designing using latest CAD and CAE procedures, we are committed to deliver a machine, not just steel.

## Closed Orthotropic Weighbridge

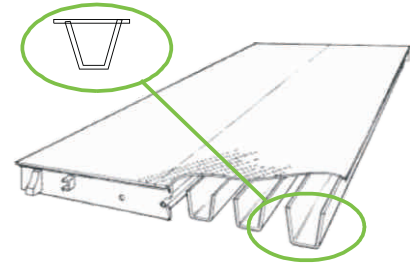


## Sample analysis using CAE software:



Tested and analyzing using actual industrial loads to ensure a robust product. Heavy duty fabrication using branded high UTS steel. Non Destructive Test methods used to test the strength of EACH fabricated structure in actual loaded condition.

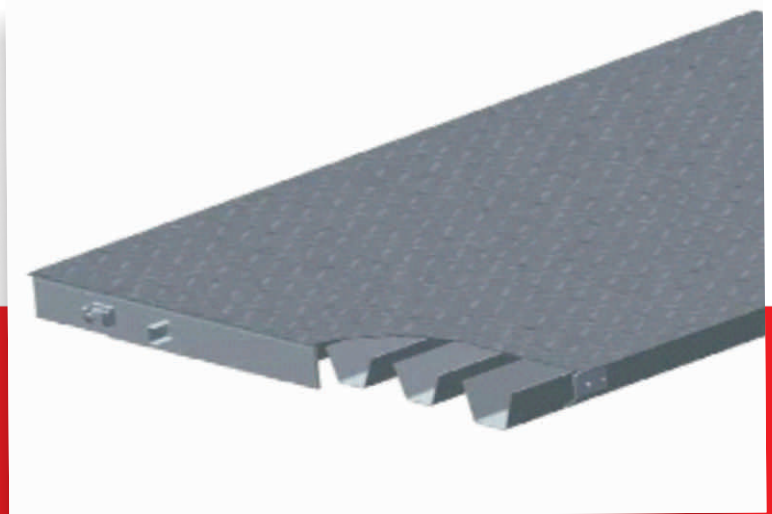
All of our steel deck designs are supported by orthotropic ribs with fully automated, continuous welds. Every rib is pressure tested to ensure an airtight seal that eliminates the potential for rusting



**DIGI WEIGH** has invested the time and money to develop and manufacture the industry's premier vehicle scale weighbridge. If you have questions about our weighbridges or about any of the information in this data sheet, please do not hesitate to contact us for clarification.

### Digi Weigh Private Limited

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When engineers design bridges, their goal is to provide a structure that will be strong enough to meet the needs of public safety and reliable enough to last for many years. We designed weighbridge to meet the same purpose.



The Rail Over bridge of Delhi metro is also orthotropic design, the goal is to provide a structure which is strong enough to meet the public safety and reliable enough to last long.

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