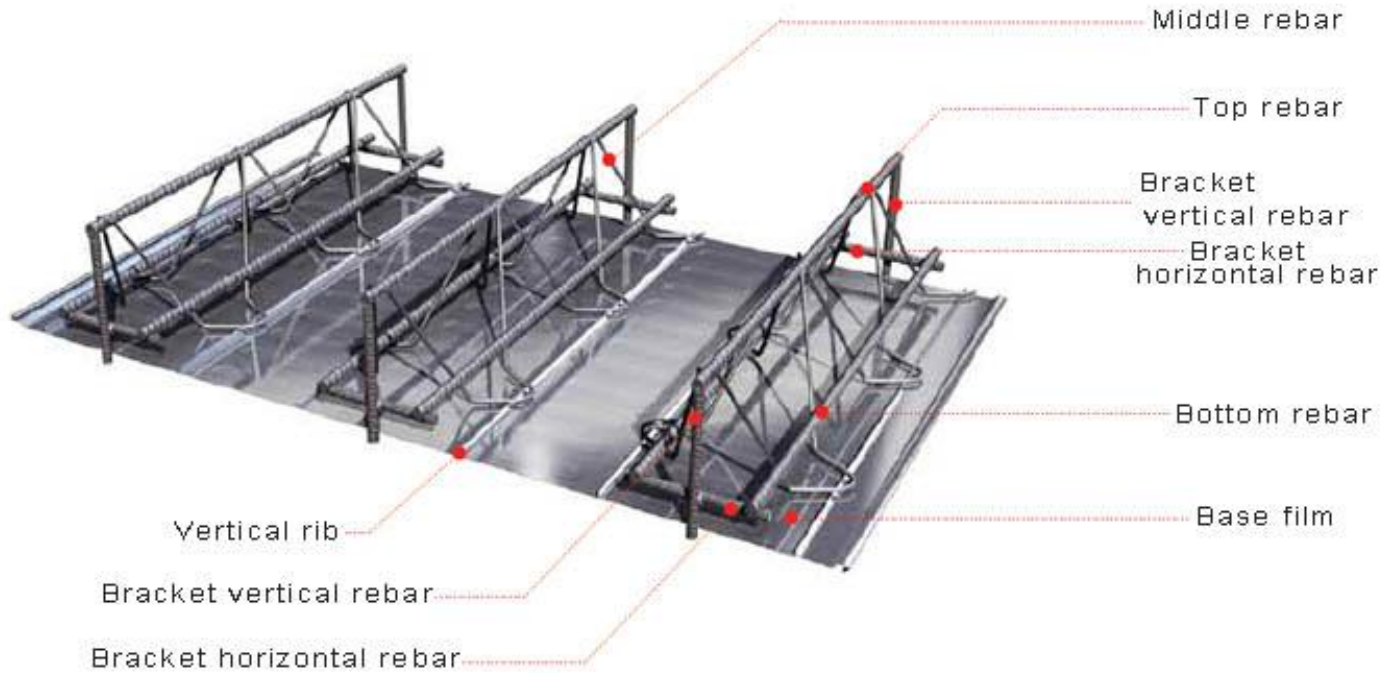


Steel structure board is processed by the truss board with the imported equipment of the factory and to make welding, so that the galvanized steel and the board will be integrated to make a weight enduring particle and it can be used as the side support during the implementation of the project.

The concrete and the steel truss will work together to endure the weight, when we use the integrated board.

The steel structures use hot rolled ribbed bar HRB400 or cold rolled ribbed bar HRB400 on top and bottom.

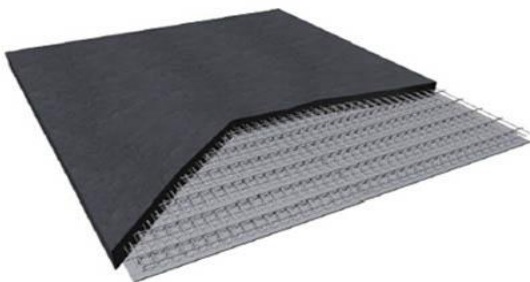
And it uses cold-rolled round bar in the middle part. The bottom mode uses galvanized steel board with a thickness of 0.5mm. Amount of double-sided galvanized is no less than 120g/m<sup>2</sup>.



## Implementation Area

BRD Truss Deck has been applied in multi-layer building. Slab of reinforced concrete structures and precise reinforced concrete floor. Meanwhile, they have been widely used in irregular buildings (rounded, oval and other shapes) construction buildings, big lead structure, lower board structure, thick board structure, leaning roof, housing steel structure and other construction areas.

### Floor with concrete and truss deck



Height of H truss option:

70~270mm

C lower protective layer thickness option:

15/20/25/30/40mm

## Features Advantage

### ● Economy

The mode of this truss is reasonable with low price and has an obvious advantage in this area.

It can be designed as double-sided.

The steel height and diameters can be adjusted to meet the requirements of big leap buildings.

### ● Convenient

The onset package will save 60-70% amount of shorten the project implementation time.

The reasonable structure of the truss will enhance the strength and reduce the temporary support power.

### ● Security

The features combine the tradition and the current, so the resistance against cracking is good.

The fire-resistance quality is equal with the traditional board, and is better than the pressed steel integration board.

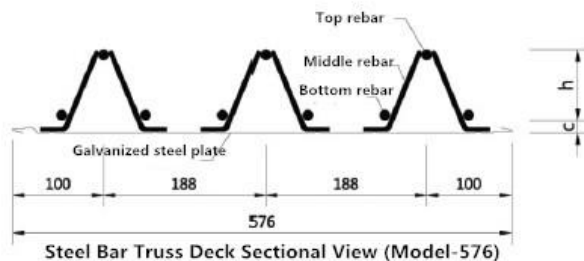
The bottom mode does not take part in the phase pressure, so there is no need to consider the fire proof, and anti-rusted problems.

### ● Reliability

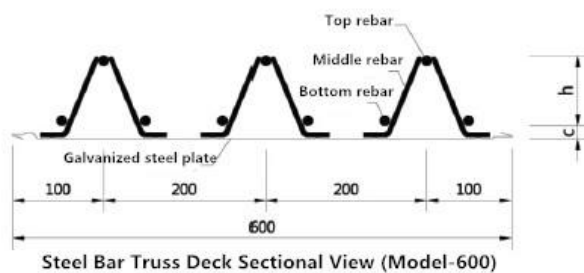
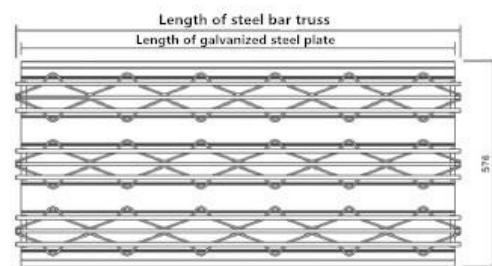
The arrangements of the steels can enhance the reliability of the distance between the top and bottom and the thickness of the protection layer.

The endurance of the two sides of the board are similar to each other and this resemblance is good for the building's resistance against earthquake.

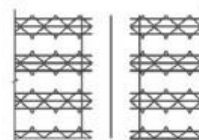
In this way, the welding quality of the nails will be assured.



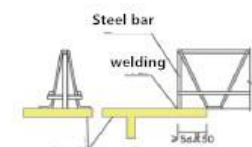
Plan View of Truss Deck



Layout drawing



The connection between truss deck and beam



note:  $\phi$  is the diameter of steel bar