



## Our Tower Cranes are fully prepared to support the precast building sector



Everest Engineering, with its vast experience, professional skills and prompt services, has been able to achieve higher levels of growth during the past two years. Apart from standard solutions to fit customer requirement, Everest experts can offer customised solutions in tower cranes for 200m and above heights, passenger hoists to fit inside the lift shaft, and high speed passenger hoists for 200M – 600m heights to suit the customers' special and specific requirement. **P V RAMDEV, MD, EVEREST ENGINEERING EQUIPMENT PVT LTD** shares his views on the increasing usage of tower cranes in the precast building sector.

India is coming up with huge volume of low cost economic apartments through precast buildings in all major cities. Precast building constructions are being done with highly mechanized technology, which will finish the entire 10-12 storey building in all respect within 5-6 months of time. It is proven to be safe, long lasting, and very fast in construction. In this precast construction tower cranes are playing a vital role to handle the precast segments in the yard and during the erection of these segments in the building.

The speed, wind control, and accuracy of placements, are the essential requirements in precast buildings, along with all standard safety features of tower cranes. The wind acting on the tower crane as well as the big precast segments need to be strictly controlled for proper placement. A small collision may lead to fatal accidents or may

damage the segments leading to heavy losses and delay in project. We are supplying these tower cranes with inbuilt safe load indicators (SLI) and anti collision systems. So safety, selection, placement, and reliability, of tower cranes are very important in timely completion of Precast buildings.

We have supplied 86 flat top tower cranes of 6t capacity with rail travel arrangement to BG Shirke Construction Technology Pvt Ltd for their DDA project in Delhi in 2014, 2015, and 2016, to construct about 900 precast buildings, ranging from 4 floor to 13 floor height.

We also supplied them for MHADA's Mumbai projects, three different projects in Pune, one project in Chennai, and two projects in Bangalore. Since our customised tower cranes are proven to be economic, safe, and reliable, BG Shirke has again ordered 32 flat top tower cranes of 12 t capacity this

year for their new DDA project in Delhi as well as three different projects at MHADA Pune, ranging from 18 floor to 24 floors height.

Since the precast buildings are very economical, safe, long lasting and very fast in completion, most of the government projects will be in precast type and there is a tendency from the private sector also to move towards precast buildings. In China we have seen thousands of precast buildings starting from 20 floors to 100 floors of height constructed by developers. The same system will be coming up in India soon and we are fully prepared to support the precast building sector.

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