



# Hoisting to New Heights

Since its inception, Jaypee India has continuously upgraded its portfolio with its diverse offerings.



Jaypee India is a one-stop solution provider for all construction engineering needs. The company has manufacturing units in Kolkata and Taloja, Navi Mumbai, where it has a dedicated R&D division to facilitate technological changes and modifications using state-of-the-art equipment.

Jaypee is launching its brand new range of passenger and material hoists, as a part of man and material handling solutions for the infrastructure industry, at the bc India 2013.

The passenger and material hoist can lift up to 8,000 kg, and has an impressive lifting speed of up to 96 m per minute and an attainable maximum erecting height of 450 m.

The hoist can be used in various construction sites, power projects, metallurgical, mining, oil, chemical industries and steel plants. Jaypee has a dedicated after-sales service team, which offer the clients a 24-hour service. The company also provides high-quality operator training that involves the latest technological knowhow.

## Product features

The new material and passenger hoists adopts the most advanced VF speed control device and microcomputer programmable logic controller. It has a stepless speed control that helps eliminate the concussion during start-up and braking, steadies the operation and ensures automated levelling. The low speed positioning of the hoist also avoids slipping during stopping while moving downward. Moreover, it also adopts open loop VF control; the speed precision can reach  $\pm 2\sim 3$  per cent.

The VF system has current restriction function, ensuring lower current in motor start-up and reduces the concussion to power supply. This reduces the energy consumption on site. The steadiness during operation, mitigates concussion to mechanical parts, reduces wears of rack, pinion and the brake, prolonging the life of these parts. The VF system also has the over voltage and low-voltage protection, over-current, overload and anti-stalling protection functions.

## Modern designs

The hoist is available in single and twin cage configuration, offering innovative design and excellent comfort. The electric cabinet, made of stainless steel, is inside the cage. Also, there is an optional dual entrance at base landing level and a wide range of functions and optional equipment. Available in various types – high speed variable frequency hoist, curved and inclined hoist, and mini hoists – these hoists are made with durable materials. High quality steel is used for weight reduction; cage walls and doors cladding are made of perforated steel sheeting or aluminium sheeting with mast sections of hot dip galvanised steel. All electric cabinets and landing control boxes are made of stainless steel for longer durability.



**Kumar Mehta**, Director,  
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**Visit the company at Booth no. H2 Q8/R05 (Indoor)**

