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**October Photo** - At what is believed to be Lexington Dam south of San Jose, California, circa 1952-1953, three International TD-24s and pull scrapers and two Cat D-8s are at work in a confined area under close supervision. Contractor Guy F. Atkinson Company had a sizeable fleet of TD-24s in the early and mid 1950s. (Image courtesy of Edgar Browning)

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# Cattaneo CM 221

Cattaneo is an Italian manufacturer of self-erecting tower cranes, its CM 221 has a maximum capacity of 1.8 tonnes at 8.9 metres radius. The maximum jib length is 22 metres with a tip capacity of 600kg.

This 1:50 scale model of it first appeared at Bauma last year and is in high quality engineered plastic, with the metal parts limited to the counterweight filling and small mechanical parts. The accompanying Mercedes-Benz Actros tractor unit featured with the review model here is made by Holland Otto and is a diecast model. A simple instruction sheet describes the crane model.

The Actros is a fairly simple model with purely functional steering, the same tyres all around and detailed wheels. The cab has a decent looking grille and there are Cattaneo graphics on the doors.

The CM 221 looks good with the engineered plastic allowing some more detailing compared to diecast metal. The outrigger beams are complete mouldings with no height adjustment at the pads. The counterweight blocks slide the

Cattaneo name moulded into them and are filled with metal to add weight. The folding mast has some precise model engineering with support cables accurately modelled for length.

The jib looks realistic with full triangulation of the lattice on all sides, and a Cattaneo sign board is included. The trolley and hook are plastic with tiny metal wheels.

The crane can be displayed in transport configuration connected to the Actros tractor or it can be separately parked on a landing leg fitted to the tower. The counterweight blocks slide from the transport position to the operating radius.

The crane can be erected with the jib folded for short radius work, or extended for maximum radius, but there seems to be no easy way to display the jib at an angle for extra height. The trolley can be positioned anywhere along the jib by hand and the hoist can be operated using a supplied key.

Overall, this is a realistic looking tower crane model and the use of plastic allows some precision work which is matched by the mechanical parts. The Actros tractor is not the best quality, but it pairs well to make a transport configuration.

The crane without the Actros tractor is available from the ModelMarris web shop for around €99.

visit [www.cranesetc.co.uk](http://www.cranesetc.co.uk)

## Cranes Etc Model Rating

Packaging (max 10)	7
Detail (max 30)	21
Features (max 20)	15
Quality (max 25)	19
Price (max 15)	12
Overall (max 100)	74%

Folded jib configuration



c&a

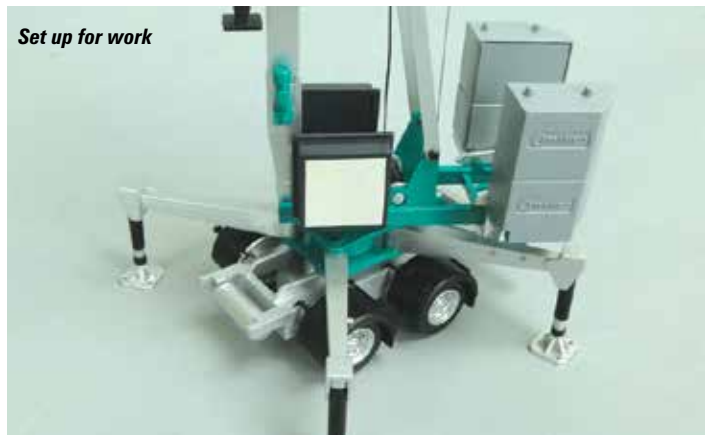
models



On the road



Sliding counterweight in the travel position



Set up for work



At work skipping concrete