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On the road



Tiny graphics add realism



Deck access ladders



The swingaway extension posed with offset angle

TADANO AC 4.080-1

The 80 tonne Tadano AC 4.080-1 All Terrain crane has a seven section 60 metre main boom, with a 6.5 metre heavy duty swingaway extension for a maximum tip height of almost 70 metres.

This 1:50 scale model is made by IMC Models and comes with an excellent build manual. Good quality tools are supplied to assemble and operate it.

The chassis is very good with the transmission and suspension fully detailed. The two axle pairs are linked, although on the real crane the rear axles can steer independently of each other. There is also a sprung suspension system on each axle.

The carrier cab has nice beacon lights, and there is excellent detailing around the cab doors. Tiny graphics add realism. Behind the cab, ladders on the carrier deck can be rotated and lowered, and an extra ladder clips on the carrier deck for transport.

The single stage outrigger beams have visible screw threads as jack cylinder rods which is a little old fashioned. Nice metal spreader plates are included with the model.

The superstructure cab is very detailed and the separate counterweight pieces have chevron markings.

The main boom lift cylinder is a metal part and extension is locked by tightening a grub screw. Detailing on the boom includes a spooling drum, silvered highlights and work lights, and the boom sections have a two tone decoration. Each boom section can be locked at maximum and approximately 50 percent extension. The sheaves appear to be metal painted white to resemble the nylon ones used on the real crane.

The metal extension can be stowed on the side of the boom and can also be attached to the boom nose and set in line or at offset angles - on the real crane it offsets by up to 50 degrees. A single three sheave hook block is included with a Tadano plate load to keep tension on the hoist rope.

Overall, this model is well made and very good quality. There is excellent detailing and most of the features work well enough. It is also a very well presented model and costs €189 at the Tadano webshop.



Long main boom

CRANES ETC MODEL RATING

Packaging (max 10)	9
Detail (max 30)	27
Features (max 20)	16
Quality (max 25)	20
Price (max 15)	11
Overall (max 100)	83%

To read the full review of this model visit www.cranesetc.co.uk