

# Sennebogen 690 HD

The Sennebogen 690 HD is a 90 tonne capacity heavy duty cycle crawler crane designed for repetitive work with some degree of dynamic loading. It has been modelled by ROS of Italy in 1:50 scale and comes with a diaphragm wall grab used for excavating forms for concrete foundation and water retention walls.

It comes in a rather large branded box because the model is fully assembled and reeved. An instruction sheet with photos describes the main features of the model.

The metal tracks roll reasonably well and are mounted on detailed track frames that do not have moving rollers. The track frames are also retractable, so they can be set up in a narrow transport configuration.

The cab is plastic with a mirror and slightly fat grab rails. There is plastic step plate outside and the internal detail is good. Flexible plastic handrails surround the roof and the walking areas have an extremely fine textured surface. At the rear the counterweights are detailed with sharp graphics applied.

To gain access to the winches a side panel is removable and this is far better than having holes in the bodywork. Inside the panel there are a couple of large keys which can be used to operate any of the three working winches.

The boom is metal with a plastic walkway, while the boom pendants are an unusual pliable plastic which are fixed in length. At the boom head the brass sheaves would have looked better painted. The boom luffing winch works although the boom cannot be fully raised as the boom pendants are probably over-length.

The diaphragm walling equipment is a combination of metal and plastic. The grab can be raised and lowered and opened and closed using the two main winches. One practical difficulty is that the whole grab assembly starts spinning if it is raised off the ground.

There is no ability to reconfigure the boom as it is permanently riveted in the delivered configuration. Similarly the counterweight is fixed in place and this means that the model cannot be posed as transport loads.

ROS has produced a model which can be taken out of the box and displayed without the need for any assembly. However the compromise is that the model is not flexible as it cannot be broken down for transport

loads or used in crane or other configurations. However it does look very good and can be obtained from the Sennebogen web shop for €129.

To read the full review of this model visit [www.cranesetc.co.uk](http://www.cranesetc.co.uk)



Good detailing with some tiny graphics



Handrails are plastic but look fine



Brass pulleys would look better painted



Ready to dig

### Cranes Etc Model Rating

Packaging (max 10)	8
Detail (max 30)	22
Features (max 20)	13
Quality (max 25)	18
Price (max 15)	11
Overall (max 100)	72%



The grab looks good