

The BTR, Whip Crane - 1/24 scale.

The actual Whip Cranes appear throughout the state of Queensland, example photos follow.



This one is at Mooloolaba, QLD on a Wharf.



The friction brake mechanism is simple.



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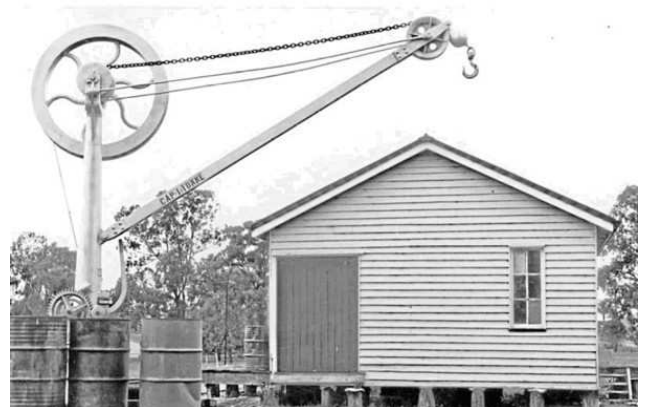
These cranes were made by Haslam & Co. Ltd. Engineers of Derby, England.



The crank handle could be located at several positions.

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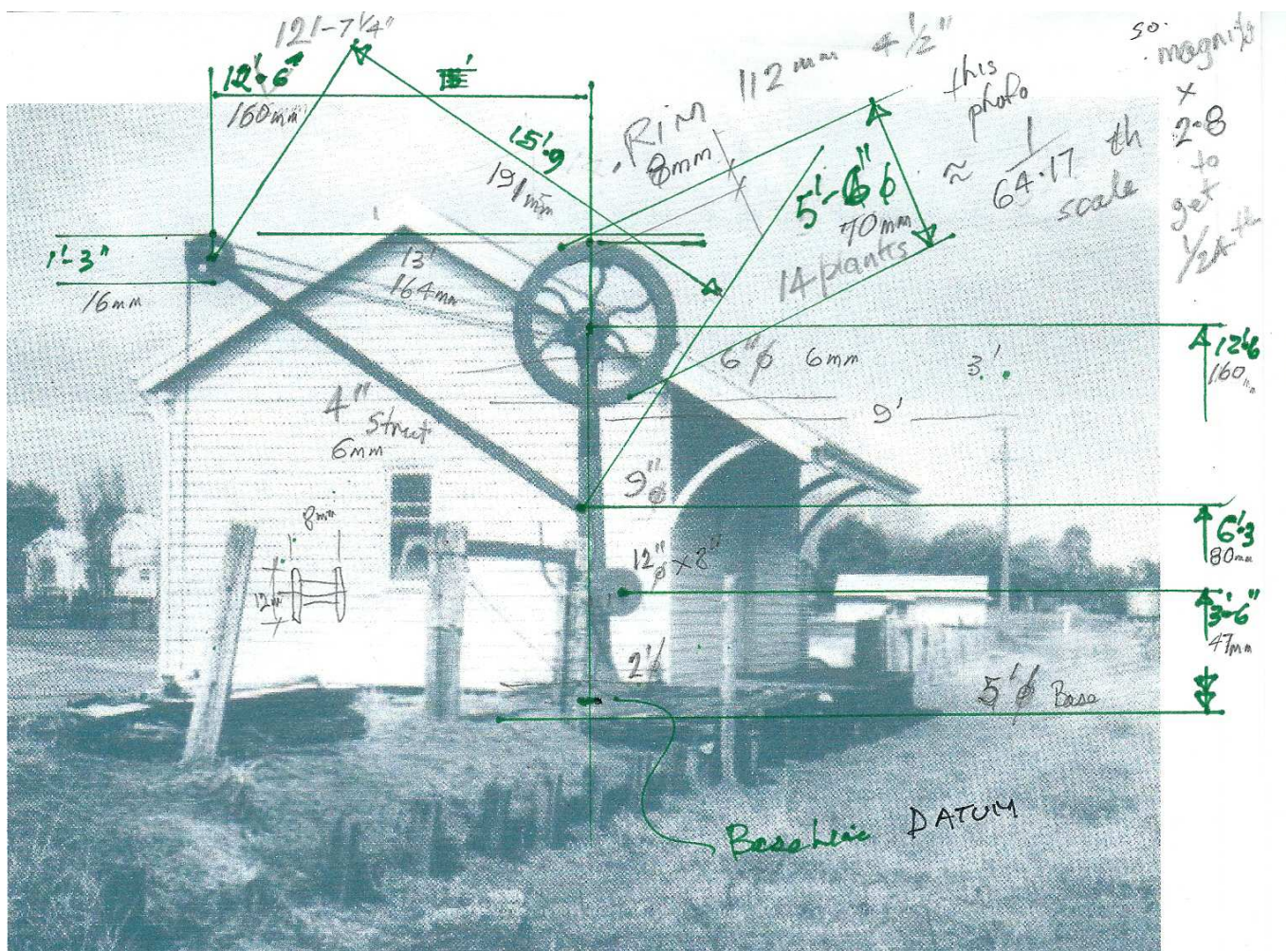


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The photo below was "sketched over" and proportioned to get approximate dimensions as a drawing could not be found while the modeling was being undertaken.



Geof could not find any drawings of this type of crane, so had to work from photographs to get the right 'look'. The sketch above has been 'proportioned' off the photo and has to be taken as 'indicative' only.

Following are photos taken during modeling.



The tapered Pedestal was made by Greg Hunter on his wood turning lathe.

Geof fabricated all other parts from copper and styrene.

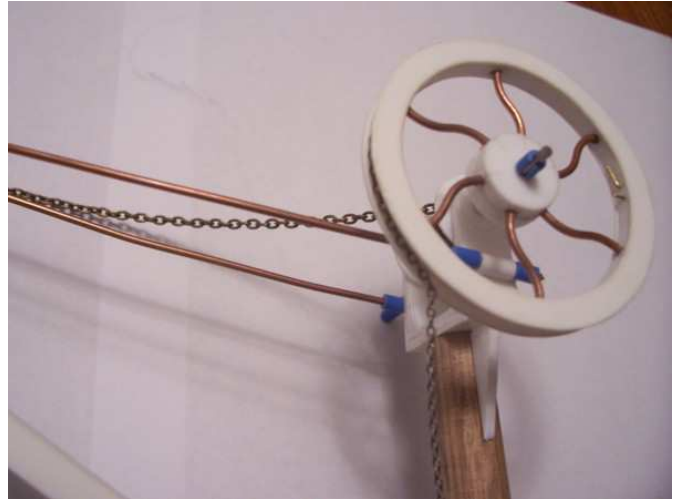
More photos of the model under construction on following pages.

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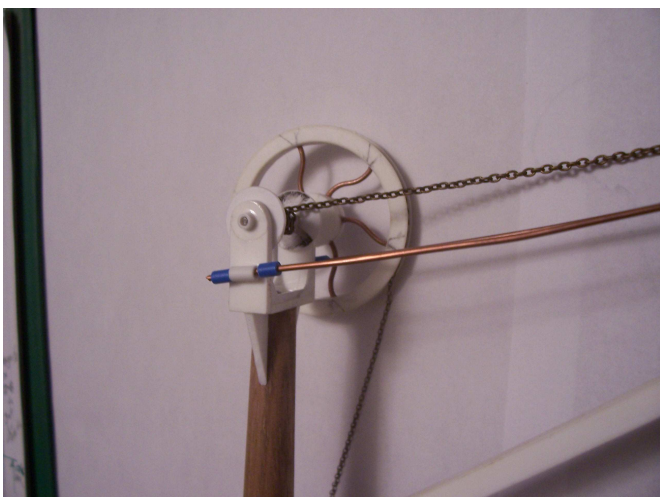
The model under construction.



The Whip wheel spokes are curved copper wire.



The first Whip (Flywheel) was out of proportion [small], so a bigger improved version was made.



All components were made to work just as the prototype worked.

The fiddy bit was the crank and gearing to raise and lower the Hook.

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Modelling continues.



The Hook



The completed model.



The completed model entered service on BTR on 2nd April, 2012. [2/4/2012]

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