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NEWSLETTER

<http://home.vicnet.net.au/~bmbg/>

Ensign's report 1st February 2013

Is this the most notorious model boat photo of all time?



Taken in 1933 and purporting to show the Loch Ness monster, it fooled many experts for decades. Only on his deathbed, sixty years on, did the perpetrator reveal that it was in fact a model submarine, to which had been added the sculpted likeness of a plesiosaur's head and neck. Strangely, some still dispute this.

Model Portraits -8

This is my own commuter *Vamoose* in a patriotic setting.



Wanted - Vintage motor

THAT'S SPEED - THAT WAS

and only **8/6** Post Free

You've got to see this **MOTOR BOAT ENGINE** working to appreciate the speed it develops. It's a racer! Just the sort of thing you want. Runs quite cheaply from an ordinary Torch or Flash Lamp Battery. Send for one before you forget. Easy to fix. Can also be used for driving Meccano Models.

Postage abroad 1/- extra.

L. WILKINSON, 8, City Road, London, E.C.

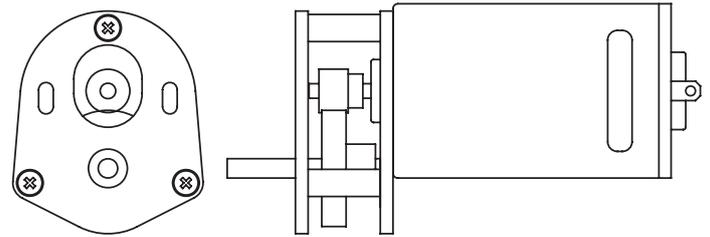
Does anyone have one of these pre-war Wilcodyne motors? I'd like one for my vintage motor collection and am prepared to pay more than the original eight shillings and sixpence asking price! By "Easy to fix" I presume they meant easy to mount...

Computer aided modelling 4 - CAD

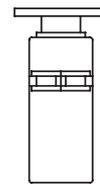
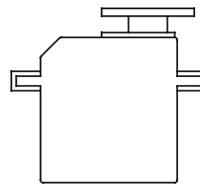
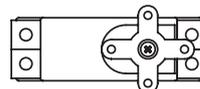
Part 1

I am sometimes asked what CAD (Computer Aided Drafting) software I use for my model design and drawing. Having tried a few, I settled for ProgeCAD, a clone of the AutoCAD software I was familiar with from my working days. The main difference is that it is about \$6,000 cheaper, costing around \$600 in the Professional version. ProgeCAD may be downloaded as a 30-day trial version from: <http://www.cad-dit.net/auto-cad/AutoCAD.php?gclid=CJ-Z04Si-5YCFRs-awod-WXrOXw>

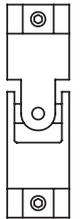
Any CAD package is bewildering at first as there are hundreds of commands. For basic drawing, however, you can get by with just a handful, mainly LINE, CIRCLE, FILLET, TRIM, EXTEND, OFFSET, DELETE, COPY, MOVE, MIRROR, ROTATE or their equivalents. If you're designing houses, this may be all you need, but ships have a lot of non-geometric curves and so you will also need to be familiar with POLYLINE and its associated commands. In the 'good old days' of drawing boards, you needed a set of sweeps or railway curves to draw the hulls of ships. These were plastic templates that came in a fitted wooden box with a little brass nameplate and cost an eye-watering amount of money. On top of this you needed your cedar drafting table, stand and machine, set of ink pens, compass set, lettering stencils and lots of other expensive gear.



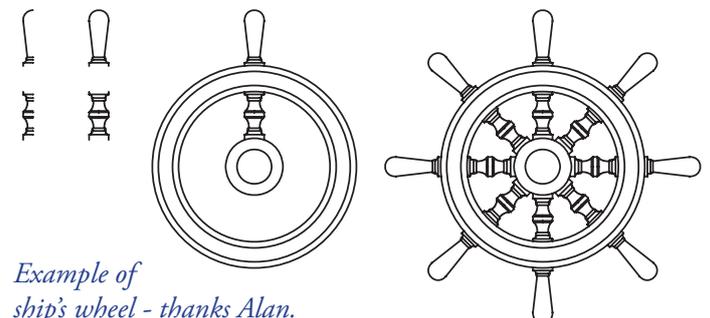
Standard components drawn in CAD: geared motor (top), servo (left), coupling (right)



These may be inserted as blocks into any drawing



It is best to start drawing simple shapes, such as fittings or standard components, when learning CAD. These can be saved as a library of parts to use on any drawing - in CAD, you should never have to draw the same thing twice. If an object is symmetrical, you only need draw the basic parts and MIRROR, COPY and ARRAY them to complete the object.



Example of ship's wheel - thanks Alan.