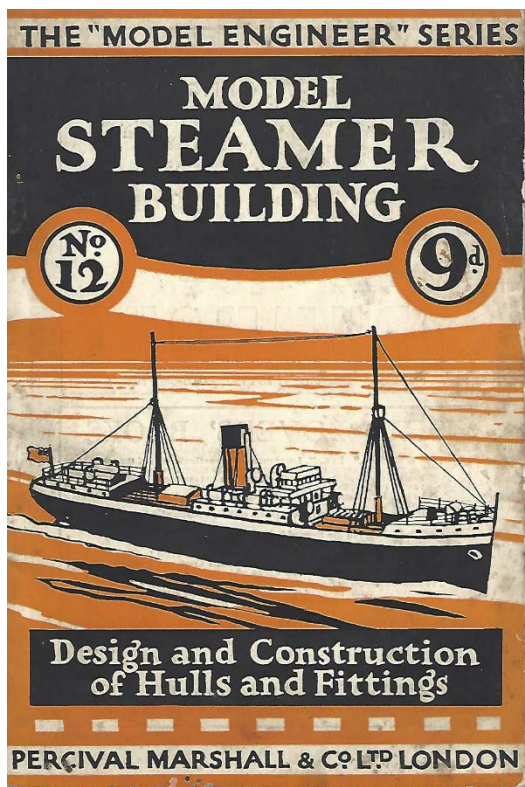


Book Review Nr 3

I am pleased to report that last month's reviews tempted another member to borrow one of the reviewed books. Hopefully this month's reviews will bring a similar response after all that is what the library is for. During the last 4 weeks Peter Fuller has donated a batch of books which need to be logged. However, to make things easy for myself I have selected two books from Peter's donation. April has flown by and I chose two of the smallest books. Remember we would welcome members' views on any books they borrow.

The two books this month are short paperbacks. The first is from The "Model Engineer" Series and the second is in fact a catalogue.



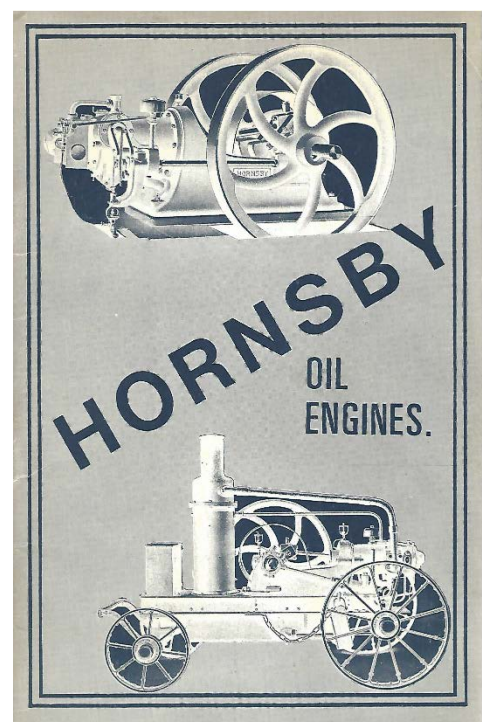
The "Model Engineer" Series comprised a series of 55 short books covering a comprehensive list of model engineering subjects including telephones and X-Rays. The book reviewed here is No12 in the series; **Model Steamer Building-Design and Construction of Hulls and Fittings**. The book is 40 pages long and is divided into six chapters. These are The Design of Hulls, Power Required for Different Types and Building Methods, The Construction of a 2 foot "Ship-Shape" Boat, Building a Launch on the Plated System, Model Saloon Passenger Paddle Steamer and Fittings for Model Torpedo Boats. As you will appreciate this is not a detailed manual but is an aid for the novice designer in building the hull and provides designs for those who do not feel sufficiently skilled in that part of the work. The book does not cover the power train but does provide a few chapters on propeller size and drive shaft speeds.

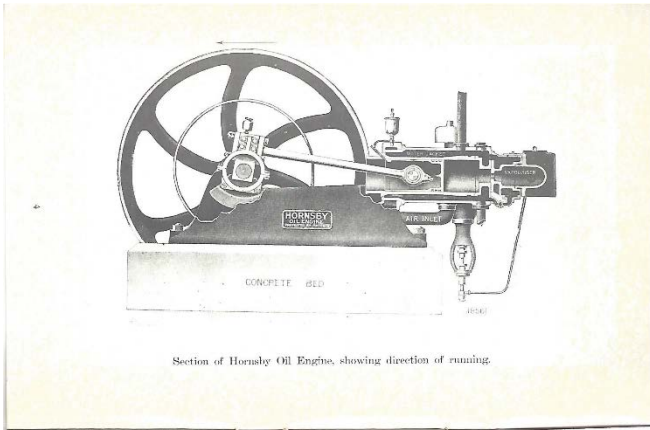
I see this book as a first port of call for those considering constructing a model steamer. It provides not only construction techniques but the wide selection of materials, including wooden knitting needles, appropriate for construction.

The second book is a 20 page catalogue of which the first 6 pages provide sections and information on the workings of oil engines. The title is **Hornsby Oil Engines**. The oil engine was invented by Herbert Akroyd-Stuart, patented in 1886 and manufactured by Richard Hornsby & Sons of Grantham on their 80acre site. The catalogue is post decimalisation.

Accompanying the sectional drawings which show the engine, the oil pump and cam drive, the skew gear oil bath, oiling for the main bearing and the crankshaft, are chapters covering How it Works, The Governing, Fuel Consumption, and oils used as Fuel and Lubrication.

Basically, once the engine starts it runs off its own heat generation.





Without foundry facilities and skills to match, to make a replica model would seem impossible; it is unlikely castings could be purchased. However, it might be possible to adapt castings from the Stuart Turner range to achieve a running oil engine model similar to something in the catalogue.

To avoid any confusion, Stuart Turner Ltd was founded in 1906 by Sidney Marmaduke, Stuart Turner producing model steam engines.

If you want to borrow either of these, or any book in the library, please contact me.

As regards The "Model Engineer" Series, of the 55 published the book reviewed above is the only issue we have. If any member has any other issues they wish to donate, please contact me.

Reviewed by Clive Reynolds. May 2021

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