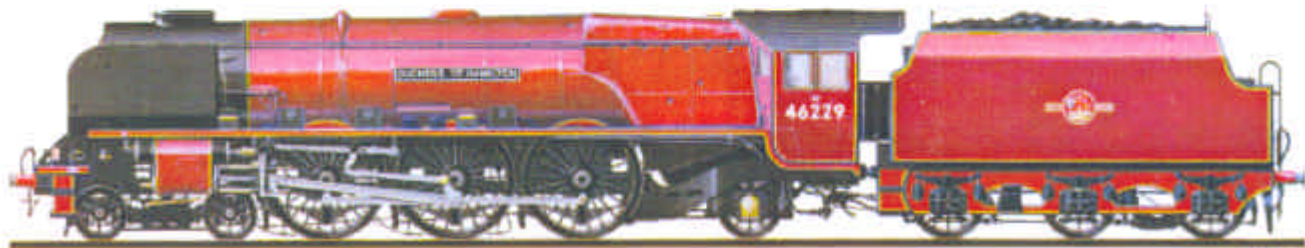


Build this magnificent 5" gauge live steam 4 cylinder locomotive

'The Duchess'

All parts fully machined, no model engineering skills required



The Coronation Class pacific locomotives popularly known as the Duchesses were designed by Sir William Stannier to haul heavy passenger trains from London to Glasgow for the LMS over the difficult West Coast mainline. They are regarded as his masterpiece and are the largest and most powerful British passenger steam locomotives ever built. They were initially streamlined starting with Coronation 6220 built at Crewe in 1937, which hauled a distinctive rake of blue coaches with silver stripes.



This locomotive briefly held the world speed record, and may well have retaken it from LNER A4 Mallard had it had the opportunity on the right track. In 1939 Duchess of Hamilton in maroon and gold livery was shipped across the Atlantic to the New York World Fair and for this changed names with Coronation.

Some later versions were non-streamlined and after World War 2, those with streamlining had it removed to simplify maintenance and at the same time smoke deflectors and double chimneys were added. There remains controversy over the value of streamlining, but with or without it they were impressive magnificent machines. Currently Duchess of Sutherland 6233, owned by the Princess Royal Locomotive Trust at the Midland Railway Butterley is in steam and Duchess of Hamilton 6229 owned by the National Railway Museum York is being re-streamlined to her original form and in 2006 will fill a gap in the preserved steam locomotive collection. The Duchesses were derived from the Princess Royal Class with several improvements. They have a larger boiler with more superheat. The driving wheels are 3in larger making them 6ft 9in diameter

(2.06m). The four cylinders have only two sets of valve gear, with the inside valves activated by rocking levers from the outside gear. The tractive force is 40,000lbs (18,140kg) and the total weight is 108tons (110,000kg).

In addition to Duchesses the total class of 37 included the names of the King and Queen and most of the Cities they served. During the war the locomotives were painted drab black, but following nationalisation in 1948, under British Railways colours re-appeared with maroon the most popular, but also smart green and blue versions were in evidence.

ModelWorks are therefore pleased to announce that we are planning to go into production of this classic tender locomotive during the autumn of 2006. In developing our model we have drawn on the knowledge and experience gained from producing other 5" gauge locomotives during the last 5 years.

Our kits contain every component necessary to complete and run the finished locomotive. Each kit also contains detailed instructions along with isometric drawings and colour pictures to guide you through your build. All components are fully machined and we will be building a control model ourselves from the production run to ensure your satisfaction. The locomotive frames are precision cut and the plate work is pre-formed, leaving only some hand-finishing to produce a model that will take pride of place in any company. The copper boiler comes fully constructed, silver soldered throughout and superheated. At key stages the control model is tested on air and then test steamed. At all times your build will be supported by our technical service helpline and we will air test your model at our factory if you require.

'I am thoroughly enjoying myself and I now move on to fitting the boiler etc with confidence' (quote from customer who had been concerned about his lack of steam experience).

The Duchess model is designed for construction in just 360 hours – a fraction of the time involved in a traditional build.

Components are paid for and despatched monthly so you can build as you buy, sensibly spreading the cost and workload. A brochure will be available shortly detailing the kit composition and providing information on our affordable instalment terms.

We are currently supplying a number of other classic locomotives as bolt-together kits and these have proven to be very popular.

'The model was a delight to build' (quote from customer with a completed model from ModelWorks).

The Duchess is available as 24 separate monthly kits.

Production will be strictly limited and deposits are currently being taken on a first come first served basis.



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