

TLRS Models Collection

This document details the models from the TLRS Models Collection that are on loan to The Transport Museum Wythall.

1. Large scale Birmingham tram.



This beautifully scratchbuilt 1:16 scale model was built by Pop Lawson. It doesn't represent a particular Birmingham tram.

2. Large scale Llandudno tram.



Llandudno & Colwyn Bay cars 1 – 14 were built in 1907 by the Midland Railway Carriage & Wagon Co Ltd at Shrewsbury. The line closed on 24th March 1956.

This 1:16 scale scratchbuilt model was built by Pop Lawson

Pop Lawson was the Superintendent of the Kyotts Lake Road Tramcar Repair Works at Birmingham City Transport and wrote the Birmingham Corporation Tramway Rolling Stock book. He was also fundamental in saving the preserved Birmingham car 395 and all the Birmingham shelters traction poles that went to the National Tramway Museum at Crich in the early days.

3. Birmingham Corporation Tramways Permanent Way Department car 6



This works car was built by Birmingham Corporation Tramways in 1910 as a rail grinder – used to smooth out the rails. It was initially unnumbered though it was later allocated number PW6 but the number was never applied to the tram and it was always known as the “Blue Grinder”

This OO gauge model was scratchbuilt by Ralph Price (RVP) in 1985 and uses a BEC motor.

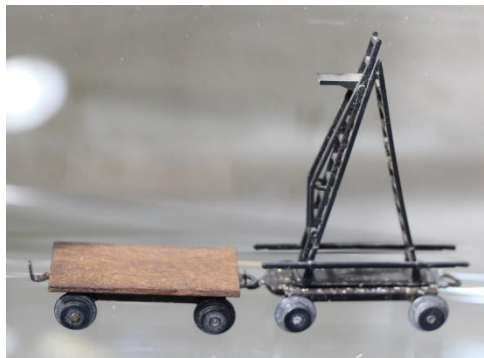
4. Leeds Railcoach in Birmingham colours



This model of car 845 shows what might have happened if Birmingham had not scrapped all of its trams in 1953.

The OO gauge model was built by RVP from a Tramalan kit using BEC motors.

5. Birmingham Welding Car



Welding vans 13-16 were used to repair the track. They were built by BCT in 1920 and were originally numbered 1-4.

This OO gauge model was scratchbuilt by David Voice (DGV) and is accompanied by a flat trailer and ladder.

6. City of Birmingham Tramways Co Ltd Steam Locomotive and Trailer



Steam trams started running in Birmingham in 1882.

The City of Birmingham Tramways Co ran steam trams until the end of 1906. Locomotive number 5 was built by Kitson & Co Ltd of Leeds for the Birmingham &

Aston Tramways Co Ltd in 1882-3 and leased to CBT in 1903. Steam Trailers 16-24 were built by the Falcon Engine & Car Works in Loughborough in 1884.

These OO gauge models are Tramalan kits built by Ralph Price. Loco has a BEC motor.

7. Birmingham 401



Trams 401-450 were built by Dick Kerr & Co Ltd in 1905-6 at their Preston works with bodies by UEC. They were built as balcony cars to give upper deck passengers some protection from the weather.

Tram 401 was fitted with a snowplough during 1913-14 and was finally scrapped in 1949.

The model was built from a Keil Kraft plastic kit by RVP.

8. Birmingham 244



Trams 221-300 were built by Dick Kerr with UEC bodies in 1907-08 as open top cars. Balcony top covers were fitted between 1911 and 1925, and driver vestibules in 1923-1928. 244 survived until July 1947.

The model is a modified Keil Kraft kit built by RVP.

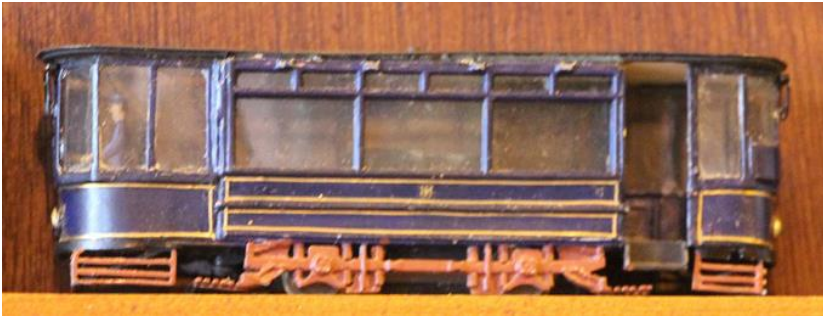
9. Birmingham 827



This was one of a batch of 30 enclosed cars built by Short Brothers of Rochester, Kent in 1928-9. They were the first tram bodies built by the company. The trucks and brakes were supplied by Maley & Taunton Ltd of Wednesbury.

This converted white metal kit was built by RVP. Ref no 4885.

10. Birmingham PW car 8



Permanent Way (Works) car 8 was a rail scrubber that was built in 1920 from car 505.

This model was made from a modified plastic kit and was built by RVP.

11. Birmingham PW car 8



The second Permanent Way (Works) car 8 was also a rail scrubber that was built in 1930 from car 266, which had been built in 1907 as an open top car by UEC.

This model was made from a modified white metal kit and was built by RVP.

12. Birmingham 451 and Trailer 509



451 was an open top car built for CBT in 1903 and was numbered 178. It was acquired by BCT in 1911 when it was renumbered as 451. It was converted to a single deck car in 1917. 509 was originally CBT 166 built as an open top car in 1901. 509 was converted to a single deck trailer in 1916. In 1926 451 was converted into a double deck balcony top car and 509 became PW9.

The models are converted from Keill Kraft plastic kits and were built by RVP in 1987

13. Dudley & Stourbridge / Kinver Light Railway car



The 'Cradley Bogies' were large capacity single deck combination cars built by Brush in 1902. They were numbered 52-59. They had a 5 window "non-smoking" section in the middle and a two window "smoking" section at each end, separated by sliding

doors. In 1924/5 they were converted to Front Exit design with enclosed cabs. The Dudley & Stourbridge system connected to the Birmingham Corporation Tramways system at Dudley.

The OO gauge model was scratchbuilt by Malcolm Till.

14. City of Coventry 71



Balcony top cars 69-73 were the last batch of cars ordered by Coventry Corporation Tramways. They were built by Brush in 1931. The system closed on 14th November 1940.

This model is built from the Keil Kraft Birmingham kit. The model maker is unknown. Ref no 232.

15. Walsall Corporation Tramways 16



Walsall cars 1-28 were built by Brush as open top cars in 1903. They were all fitted with top covers between 1904 and 1912.

This model is built from a modified BEC white metal kit by Malcolm Till.

16. Leicester Water Car 180



Water cars were used to wash the tracks to remove dirt and dust from the grooves. The Leicester water cars were specially designed for the job and were built by UEC in 1904, 1905 and 1909. They were originally numbered 100, 142 and 143, then were renumbered 151 - 3 in 1912 and finally 179-181 in 1920.

This model was built from the Tramalan white metal kit by David Voice (DGV).

17. Dudley & Stourbridge "Tividale"

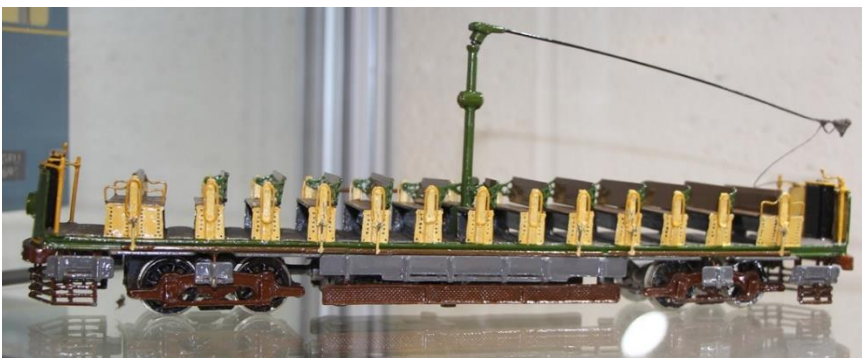


now at the Black Country Museum.

Dudley, Stourbridge and District 5 entered service in 1920. At just over 32 feet long it accommodates 34 seated passengers and has two manually operated doors at each end. Withdrawn in 1930, it was sold for secondary use as a summer house before eventually being preserved in 1973. It is

The model is built from a Tennents kit and is fitted with a BEC motor.

18. Llandudno & Colwyn Bay 20



L&CBER toastrack cars 19-22 were built in 1920 by English Electric. They are known as toastracks because their shape looks like a rack for toast.

This O gauge toastrack model was scratchbuilt by Stan Webb. Ref no 111

19. European Water Car 51



O Gauge scratchbuilt model

20. Bendigo tram



The W2-class was introduced in Melbourne in 1927 and remained in service until its final withdrawal in mid-1987. The 406-strong class was the backbone of the MMTB's vast fleet during their heyday from the 1940s to 1960s. The trams featured two enclosed saloon areas at either end of the tram and an open "drop-

centre" section in the middle. A trademark feature of these vehicles until the 1970s was their uncomfortable wooden bench-style seats.

Ex Melbourne W2 tram as run at Bendigo. The model is built from wood by George Cob. Ref no 892

21. Huddersfield coal tram 71



Huddersfield coal trams 71 & 72 were built in 1904 by Milnes Voss. They were used to carry coal from sidings at the tram terminus at Outlane district to three mills nearby as well as coal for the tramway's own power station. They could carry up to 10 tons of coal.

O gauge model scratchbuilt by DGV 15th May 2006

22. European bogie car 7



An O gauge tram, possibly a model of a Lisbon car.

23. City Tramways Steam Tram 3 & Trailer 37



Although not named as being from a particular town, steam trams and trailers were used in many UK towns and also around the world.

O gauge scratchbuilt model built by L Hulbert.

24. Grimsby and Immingham 11



The Grimsby & Immingham Electric Railway was an electric light railway, primarily for passenger traffic, linking Great Grimsby

with the Port of Immingham in Lincolnshire, England. The line was built by the Great Central Railway (GCR). Cars 1-4 and 9-16 were designed by the GCR and built by Brush. They were by far the largest British trams until modern times. They had a central luggage and goods compartment and handled milk, produce, and small consignments. The cars were painted in BR 'electric green' after 1951

OO gauge model built from 2 Bachmann models by DGV.

25. Sunderland 54



Sunderland 54 is an example of one of the more modern cars. It was built in 1936 by Sunderland Corporation Tramways and had upholstered seats and centre entrances to improve loading times.

The model is made from a Hadfields Blackpool Balloon kit with a Tramalan conversion kit. It was built by Alan Kirkman.

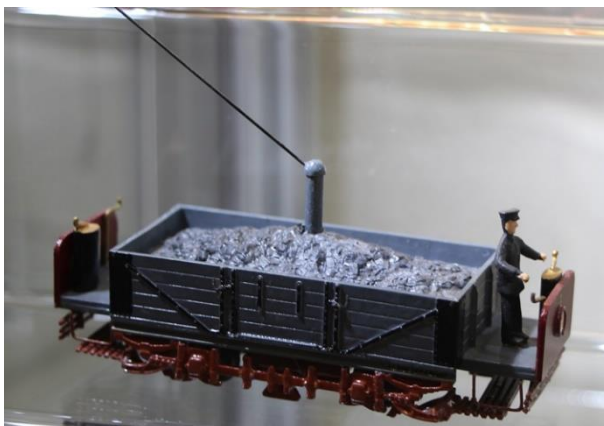
26. Hellingly loco



The Hellingly Hospital Railway was a light railway owned and operated by East Sussex County Council, used for transporting coal and passengers to Hellingly Hospital, a psychiatric hospital near Hailsham. The railway was constructed in 1899 and opened to passengers on 20 July 1903. The passenger service stopped in 1931, but the freight service continued until 1959. The line used a small 0-4-0 electric loco to haul the coal trucks.

Roxey "Minnie" kit built by DGV in 1999. Ref no 1176

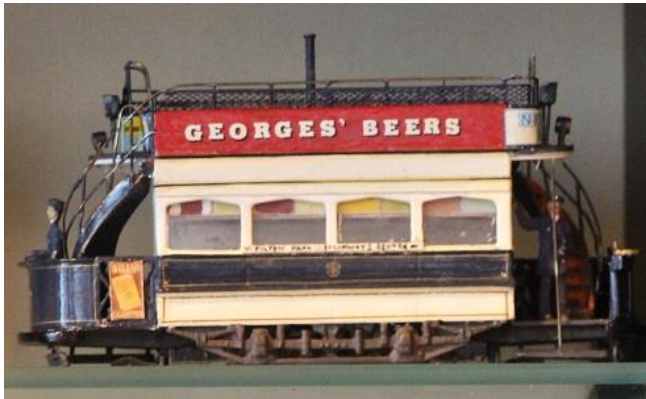
27. Huddersfield Coal Car 2



The Huddersfield coal cars as described in 21 were renumbered 1 & 2 in 1909.

OO gauge model scratchbuilt by DGV using a PC Models motor 12/9/96. Ref no 982.

28. Bristol 220



Bristol Tramways & Carriage Co trams 1-232 were all very similar and were built by four different manufacturers between 1895 and 1901. Cars 203 to 232 were built by Bristol Tramways themselves.

KW Trams kit with BEC motor

29. Swansea & Mumbles car



The Swansea and Mumbles Railway had 13 of these very large trams which were built in 1928 / 1929. They had seats for 106 passengers in each car and usually ran in pairs, making them amongst the largest capacity trams in Britain.

Scratchbuilt by DGV Sept 1981. Motorised using Bachmann bogies. Ref no 25

30. Leeds National Savings tram



Many towns and cities decorated trams for special occasions. The majority of these included simple changes to the tram such as adding lights, bunting, swags of foliage and banners, but sometimes they changed the shape of the tram as seen in this model advertising National Savings.

Scratchbuilt model, sadly not completed.

31. Leeds Snowbroom 3



Snowbrooms had spinning brushes at the front and rear to sweep snow off the tracks.

Tramalan kit built by DGV 14th May 2002 using a BEC motor.

32. Leeds 599



Although Leeds never had a car number 599, this model shows what might have happened if they had bought more cars second hand from other undertakings.

Model built from the Tennents kit using a BEC motor.

33. Mickey Mouse cable car



Pull and go commercial model made in China.

34. Green continental tram and trailer toy.



This model was produced by Aurora in the USA in the 1970s under the snap-a-roos name. It was the only tram model they made. It is similar to a number of USA trams and is approximately N gauge.

35. Paisley car



This diecast model was produced by Lledo in a variety of liveries. Ref no 794

36. Takara toy tram.



This plastic commercial model was produced by Takara Co Ltd China.

37. Kato N gauge loco



This tiny motorised Pocket Line model is beautifully made and detailed. Ref no 250.

38. Hong Kong 45



This model is a modified version of an O gauge plastic model

39. Hong Kong green tram



This is the unmodified version of the O gauge Hong Kong car. This one has an advert for the Crich Tramway Museum on the side.

40. Hong Kong tram – Sevens

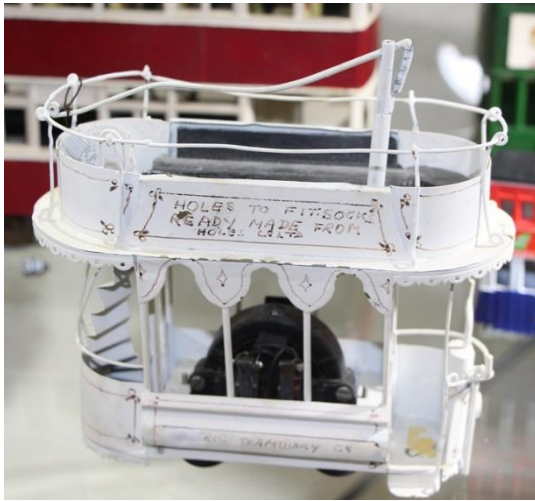
41. Hong Kong tram – Lee Kum Oyster Sauce (yellow)

42. Hong Kong tram – Dunlop (green)



These 1:89 scale models were produced by WJB in Hong Kong in the early 1980s.

43. Emmet tram



This scratchbuilt metal tram is in the Emmet style of trams and trains being very tall and narrow. It was built by Syd Naish and is 7mm scale but runs on OO gauge track. Underneath it is marked SYD GX5. Rowland Emmet went to school in Birmingham and then studied at Birmingham School of Arts and Crafts.