# ROUNDHOUSE

Est. 1982

## Living Steam Railways

## Model Steam Locomotives for SM32/45 & G Scale Garden Railways

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## If you are new to live steam locomotives the following may help to clarify a few technicalities.

16mm scale narrow gauge railways combine the convenience of realistically sized models with the capability of running on track with tight curves down to 2’ (600mm) radius. There are a number of different scales and gauges which all come under the same heading of garden railways and this can be a little confusing at first glance, so lets have a look at what they are.

**SM32** (sixteen millimetre scale/32mm gauge), or 16mm narrow gauge as it is sometimes known, is built to a scale of 16mm to 1 foot (1:19) and runs on 32mm track, uses lighter rail and is built to the much smaller scale of 7mm to 1 ft.
**SM45** is also built to 16mm to 1ft scale but runs on 45mm gauge track. This is not the same a gauge ‘1’ which, though running on 45mm gauge track, uses lighter rail and is built to the smaller scale of 10mm to 1ft.
**‘G’ scale** (e.g. LGB, Bachmann etc.) is built to a scale of approx. 14mm to 1ft (1:22.5) and runs on 45mm gauge track. Because ‘G’ scale models are usually of larger prototypes, the slightly smaller scale brings them to the same loading gauge as SM32 and SM45.

**ROUNDHOUSE** models are built mainly to 16mm. They are all quite compatible with each other or with any other SM32, SM45 or ‘G’ scale equipment and most are capable of changing quickly between 32mm and 45mm gauge.

**Boiler Duration**
This is the length of time a locomotive will run on one fill of water and gas. Gas will normally run out before all the water in the boiler has been used to give a margin of safety.

**Valve-gear**
A mechanism that controls steam flow in the cylinders and enables the locomotive to change direction.

**Regulator**
A valve which controls the flow of either steam or gas. The steam regulator controls the speed of the locomotive and the gas regulator controls the heat of the gas burner.

**Pressure gauge**
A gauge fitted in the cab which indicates the pressure of the steam in the boiler.

**Safety valve**
A device fitted to all boilers which automatically releases excess steam above normal working pressure.

**Displacement lubricator**
This take scare of oiling the internal parts of the cylinders automatically whilst the locomotive is running.

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# Atlantic

***'Classic Series'***

The Campbeltown & Machrihanish Light Railway was a 2ft 3inch gauge line that ran six miles across the Kintyre Peninsular on Scotland's west coast. It was built originally to carry coal from the mines to the port of Campbeltown and later, goods and passenger traffic were added. The railway had five locomotives over its 26 year history, the first three being small 0-4-0 and 0-4-2 engines. In 1906, Andrew Barclay Sons & Co. built a new 0-6-2 side tank locomotive for the line named 'Argyll' and the following year, a sister engine named 'Atlantic'. These were pretty large engines by narrow gauge standards and were an impressive sight in their Gamboge livery, hauling the elaborate balcony ended, panelled bogie coaches. Both loco's operated up to the closing of the railway and were finally cut up in 1935.

**Technical specifications for 'Atlantic'.**

- Internal gas firing using our 'FG' type burner.
- Fully sprung 0-6-2 outside framed chassis with two double acting slide valve cylinders operated by simplified Walschaerts type valve gear.
- Water top-up system and water gauge.
- Controls fitted as standard are :- steam regulator, safety valve, pressure gauge, displacement lubricator, gas regulator and reversing gear.
- Glazed cab windows.
- Dimensions are (loading gauge), Length 375mm, Width 115mm, Height 160mm.
- Weight 4 Kg. (with Radio Control fitted).
- Full radio control is available for both regulator and reversing valve gear using 2.4GHz R/C.
- A gauge conversion kit is available separately to allow changing between 32mm and 45mm gauge. Please state gauge when ordering.
- Fitted with insulated wheels as standard.
- Available in any standard ROUNDHOUSE colour.

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# Bertie

***'Basic Series'***

Bertie is the third locomotive in our 'Basic Series'. Offered in a ready to run form as illustrated above, this simple, skip-eccentric, internally gas fired model can be easily enhanced by the customer, using our accessory packs. Saddle tanks were probably the most common type of small locomotive found on British narrow gauge railways, and Bertie is typical of this style.

**Technical specifications for Bertie.**

- 0-4-0 inside framed chassis with double acting slide valve cylinders operated by slip eccentric valve gear.
- Internal gas firing.
- Controls fitted as standard are:- steam regulator, safety valve, displacement lubricator and gas regulator.
- Overall dimensions are:- length 280mm, width 118mm, height 145mm, weight 2.1kg.
- 32mm or 45mm gauge (non adjustable). Please state gauge when ordering.
- Accessory packs available are:- pressure gauge, water top up system, polished brass dome, brass chimney cap and radio control fitting kit.
- Available in any standard ROUNDHOUSE colour.

*Please note that insulated wheels are NOT available on this locomotive, and that a long gas filling adaptor is required.*

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# Billy

***'Classic Series'***

Based on a design by Arthur Koppel and found in large numbers throughout Europe, locomotives were also built to this design by Andrew Barclay in Scotland and found on narrow gauge lines around the British Isles.

This really is a locomotive that will look at home on any railway around the world.

**Technical specifications for 'Billy'.**

- 0-4-0 outside framed chassis with two double acting slide valve cylinders.
- Simplified Walschaerts valve gear.
- Internal gas firing.
- Controls fitted as standard are :- steam regulator, safety valve, pressure gauge, displacement lubricator, gas regulator and reversing gear.
- Overall dimensions (loading gauge), length 285mm, width 125mm, height 156mm
- Weight 2.90 Kg. (with r/c).
- Full radio control is available for both regulator and reversing valve gear.
- The wheels are adjustable between 32mm and 45mm gauge.
- Also available with insulated wheels.
- Available in any standard ROUNDHOUSE colour.

# Charles

***'Classic Series'***

The Penrhyn Hunslets have long been a favourite with narrow gauge modellers and 2012 is a special year for them, as it is 50 years ago that the line closed. 2012 is also the 130th birthday of Charles, first of the three 'main line' Hunslets. To celebrate this, we have re-introduced Charles to the *'Classic Series'* range of locomotives.

The radio controlled model now has all of the equipment fitted on-board the locomotive so, unlike our earlier model, it does not require the separate coal truck to house battery and receiver.

**Technical specifications for 'Charles'.**

- Internal gas firing using our 'FG' type burner.
- Outside framed 2-6-4 chassis with two double acting slide valve cylinders operated by Roundhouse inside valve gear.
- Water top-up system and water gauge.
- Controls fitted as standard are :- steam regulator, safety valve, pressure gauge, displacement lubricator, gas regulator and reversing gear.
- Dimensions (loading gauge) are, Length 300mm over buffers, Width 105mm, Height 140mm.
- Weight 3.1 Kg. (with Radio Control fitted).
- Full radio control is available for both regulator and reversing valve gear using 2.4GHz R/C.
- The wheels are adjustable between 32mm and 45mm gauge.
- Available with insulated wheels.
- Supplied with etched brass name and works plates.
- Available in any standard ROUNDHOUSE colour.

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# Criccieth Castle

***'Diesel Series'***

Criccieth Castle is the first in our new range of battery powered diesel outline locomotives. The engine was built by the Ffestiniog Railway from parts supplied by Baguley - Drewry and entered service in 1995.

This model has been designed and built to be equal in performance to our steam models. It features a beefy motor and drive-train and at almost 3 kg is quite a heavyweight with performance to match.

**Technical specifications**

- 0-6-0 outside framed chassis with high quality Buhler motor and precision made steel and bronze gear set.
- Dimensions are :- length 275mm, width 110mm, height 150mm, weight 2.92 kg.
- Full radio control for both speed and direction (and sound if fitted).
- Rechargeable NiMh batteries (8 on loco) for excellent running time complete with fast charger for in-situ charging.
- Directional head lights and colour side lights
- Gauge adjustable between 32mm and 45mm gauge.
- Insulated wheels as standard.
- Fully glazed windows and removable roof to access detailed interior.
- Available with optional sound system featuring engine sound, air brakes and horn.
- Available in any standard ROUNDHOUSE colour.

# Darjeeling 'B' class

***'Classic Series'***

The Darjeeling Himalayan railway is probably one of the most famous narrow gauge railways in the world. Situated in India, this engineering masterpiece which rises a total of 6,850 feet over its 50-mile length, was constructed between 1878 and 1881. The railways main motive power were the famous class 'B' 0-4-0 well tank/saddle tank engines designed by Sharp, Stewart & Co of Manchester and Glasgow. Between 1889 and 1929 the DHR purchased a total of 33 of this class of locomotive from Sharp Stewart, North British Locomotive Co and Baldwin Locomotive Works as well as building 3 in its own workshops. Loco's dating back to 1892 are still in use today!

The Roundhouse Class B is typical of the locomotives that are currently in operation on the railway and features a wealth of detail to augment the legendary Roundhouse performance and reliability.

**Technical specifications for the Darjeeling 'B' class.**

- 0-4-0 outside framed chassis with two double acting slide valve cylinders.
- Full radio control is available for both regulator and reversing valve gear.
- Internal gas firing using the Roundhouse 'FG' system.
- Controls fitted as standard are:- steam regulator, safety valve, pressure gauge, displacement lubricator and gas regulator.
- Water gauge and boiler top up system fitted as standard.
- Available in any standard ROUNDHOUSE colour.
- Overall dimensions are:- length 365mm, width 115mm, height 170mm, weight 3.5kg.
- Also available with insulated wheels.

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# Fowler

***'Classic Series'***

This is a model of works number 16255 built in 1924 by John Fowler & Co. Ltd. of Leeds for the Inisfail Tramway in Queensland, Australia.

The model features a wealth of detail, particularly rivet and pipework. On Radio Controlled models, miniature servo's are used to keep the cab as uncluttered as possible. Batteries, receiver and off/on switch are housed in the tender.

**Technical specifications for 'Fowler'.**

- 0-6-2 outside framed chassis with two double acting slide valve cylinders.
- Simplified Walschaerts type valve gear.
- Internal gas firing using our 'FG' type burner.
- Controls fitted as standard are :- steam regulator, safety valve, pressure gauge, displacement lubricator, gas regulator and reversing gear.
- Overall dimensions (loading gauge) length 555mm, width 120mm, height 155mm.
- Weight loco - 3.30Kg, tender - 1.25 Kg (with r/c).
- Full radio control is available for both regulator and reversing valve gear.
- A gauge conversion kit is available separately to allow changing between 32mm and 45mm gauge. Please state gauge when ordering.
- Available in any standard ROUNDHOUSE colour.
- Also available with insulated wheels.

# George

***'Classic Series'***

Taking design features from many locomotive manufacturers, this freelance model of a medium sized 0-4-0 tender engine will look at home on any garden railway. Built for hard work, it's short wheelbase allows it work on the tightest track radius without problem.

**Technical specifications for 'George'.**

- 0-4-0 outside framed chassis with two double acting slide valve cylinders operated by simplified Walschaerts valve gear.
- Internal gas firing using our 'FG' type burner**.**
- Controls fitted as standard are :- steam regulator, safety valve, pressure gauge, displacement lubricator, gas regulator and reversing gear.
- Dimensions are :- length (over buffers) 450mm, width 125mm, height 156mm, weight 3.9kg ( with r/c).
- Full radio control is available for both speed and direction.
- A conversion kit is available to change between 32mm and 45mm gauge.
- Also available with insulated wheels.
- Available in any standard Roundhouse colour.

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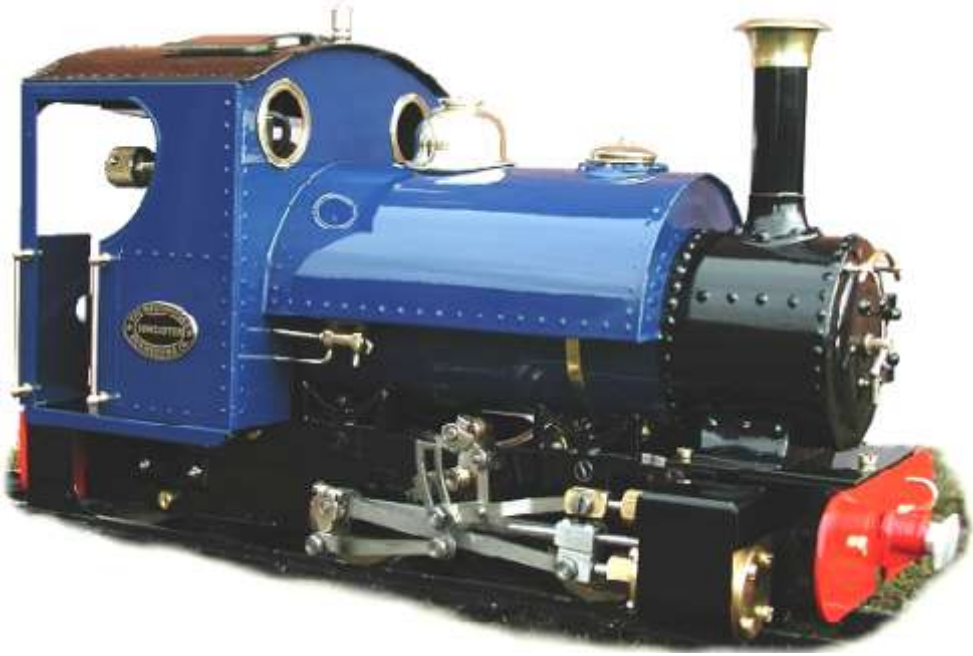
# Katie

***'Classic Series'***



Katie is of typical narrow gauge saddle tank locomotive design. Though not a model of any particular engine, she draws inspiration and features from a number of famous builders like Hunslet, Bagnall and Pecket etc.

**Technical specifications for 'Katie'.**

- 0-4-0 outside framed chassis with two double acting slide valve cylinders.
- Simplified Walschaerts type valve gear.
- Internal gas firing.
- Controls fitted as standard are :- steam regulator, safety valve, pressure gauge, displacement lubricator, gas regulator and reversing gear.
- Overall dimensions (loading gauge) length 290mm, width 124mm, height 156mm.
- Weight 3 Kg (with r/c).
- Full radio control is available for both regulator and reversing valve gear.
- The wheels are adjustable for both 32mm and 45mm gauge.
- Available in any standard ROUNDHOUSE colour.
- Also available with insulated wheels.

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# Lady Anne

***'Classic Series'***

Although freelance in design, Lady Anne is typical of a medium sized narrow gauge tank locomotive and borrows design features from many well known locomotive manufacturers. This is an excellent all round workhorse for your railway.

**Technical specifications for 'Lady Anne'.**

- 0-6-0 outside framed chassis with two double acting slide valve cylinders.
- Simplified Walschaerts type valve gear.
- Internal gas firing.
- Controls fitted as standard are :- steam regulator, safety valve, pressure gauge, displacement lubricator, gas regulator and reversing gear.
- Overall dimensions (loading gauge), length 320mm, width 124mm, height 153mm.
- Weight 3.35 Kg (with r/c).
- Full radio control is available for both regulator and reversing valve gear.
- The wheels are adjustable between 32mm and 45mm gauge.
- Available in any standard ROUNDHOUSE colour.
- Also available with insulated wheels.

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# Leek & Manifold

***'Classic Series'***

The Leek & Manifold Valley Light Railway was a 2ft 6inch gauge line that ran from Waterhouses to Hulme End in Staffordshire and opened in 1904. Although a private concern, it was originally operated by the North Staffordshire Railway but in 1923 came under the control of the LMS Railway. It closed to traffic in 1934. The railway had two large 2-6-4 tank locomotives built by Kitson & Co. of Leeds in 1904. Numbered 1 and 2, and bearing the names E. R. Calthrop and J. B. Earle, they were both scrapped shortly after the line closed though some of the impressive name plates still survive.

This is a large locomotive and is not suitable for small railways with tight curves. It will require a minimum of 3' (900mm) radius to operate effectively.

**Technical specifications for 'Leek & Manifold'.**

- Internal gas firing using our 'FG' type burner.
- Outside framed 2-6-4 chassis with two double acting slide valve cylinders operated by simplified Walschaerts type valve gear.
- Water top-up system and water gauge.
- Controls fitted as standard are :- steam regulator, safety valve, pressure gauge, displacement lubricator, gas regulator and reversing gear.
- Glazed cab windows.
- Dimensions (loading gauge) are, Length 430mm over buffer beams, Width 120mm, Height 155mm.
- Weight 5 Kg. (with Radio Control fitted).
- Full radio control is available for both regulator and reversing valve gear using 2.4GHz R/C.
- A gauge conversion kit is available separately to allow changing between 32mm and 45mm gauge. Please state gauge when ordering.
- Fitted with insulated wheels as standard.
- Supplied with etched brass plates for both E. R. Calthrop and J.B.Earle.
- Available in any standard ROUNDHOUSE colour.

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# Mildred

***'Classic Series'***

This freelance 0-4-0 is a typical medium sized tank locomotive as built by many of the well known names of old. Built for hard work, it's short wheelbase allows it work on the tightest track radius without problem.

**Technical specifications for 'Mildred'.**

- 0-4-0 outside framed chassis with two double acting slide valve cylinders operated by simplified Walschaerts valve gear.
- 0-4-0 outside framed chassis with two double acting slide valve cylinders operated by simplified Walschaerts valve gear.
- Internal gas firing using our 'FG' type burner.
- Controls fitted as standard are :- steam regulator, safety valve, pressure gauge, displacement lubricator, gas regulator and reversing gear.
- Dimensions are :- length (over buffers) 280mm, width 125mm, height 156mm, weight 2.9kg ( with r/c).
- Full radio control is available for both speed and direction.
- The wheels are adjustable between 32mm and 45mm gauge.
- Also available with insulated wheels.
- Available in any standard Roundhouse colour.

# Millie

***'Basic Series'***

'Millie' was the first of our range of low cost locomotives. This simple, slip-eccentric, externally gas fired model can be easily enhanced with a number of separately available accessory packs.

**Technical specifications for 'Millie'.**

- 0-4-0 inside framed chassis with two double acting slide valve cylinders operated by slip eccentric valve gear.
- External gas firing using the ROUNDHOUSE 'FX' gas system.
- Controls fitted as standard are :- steam regulator, safety valve, displacement lubricator and gas regulator.
- Overall dimensions (loading gauge), length 280mm, width 108mm, height 145mm.
- Weight 2.2 Kg.
- 32mm or 45mm gauge (non adjustable). Please state gauge when ordering.
- Accessory packs available are:- full cab, polished brass dome, pressure gauge with siphon, water top up system including water gauge, radio control fittings only kit and dummy brake handle for gas regulator.
- Available in any standard ROUNDHOUSE colour.

*Please note that insulated wheels are NOT available on this locomotive and a long gas filling adaptor is required.*

# ROUNDHOUSE Mountaineer

***'Classic Series'***

Mountaineer was one of 100 locomotives built by American Locomotive Company (Alco) at their Cooke works in 1916 (works number 57156) for the British War Department Light Railways (WDLR). It worked as number 1265 in France during the First World War. Little is known of the engine's early history but it moved to the Ffestiniog Railway on 2nd Nov 1967, where she was steamed and entered service the following weekend. She has been rebuilt several times into a reliable locomotive with oil firing (1972), super-heating and piston valves, and fitted with the new SB3 boiler in 1983. February 2006 saw her last weekend in service on the FR and she is now stored, waiting the money and time to overhaul her back to her former glory. The loco is named after one of the original England engines and the nameplates are replicas of the originals. The bell from the original Mountaineer also survives and is fitted on special occasions.
Our model depicts her as running just prior to removal from service in 2006.

Technical specifications for 'Mountaineer'.

- Internal gas firing using our 'FG' type burner.
- Outside framed 2-6-2 chassis with two double acting slide valve cylinders operated by simplified Walschaerts type valve gear.
- Water top-up system and water gauge.
- Controls fitted as standard are :- steam regulator, safety valve, pressure gauge, displacement lubricator, gas regulator and reversing gear.
- Glazed cab windows.
- Dimensions (loading gauge) are, Length 370mm over buffers, Width 110mm, Height 145mm.
- Weight 3.9 Kg. (with Radio Control fitted).
- Full radio control is available for both regulator and reversing valve gear using 2.4GHz R/C.
- A gauge conversion kit is available separately to allow changing between 32mm and 45mm gauge. Please state gauge when ordering.
- Fitted with insulated wheels as standard.
- Supplied with etched brass name and works plates.
- Available in any standard ROUNDHOUSE colour but also in the grey WD livery with white markings and number.

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# Russell

***'Classic Series'***

'Russell' is based on the well known 2-6-2 tank locomotive still running today on the Welsh Highland Railway in North Wales. Built by The Hunslet Engine Co. Ltd. of Leeds in 1906, it has undergone a number of changes over the years and the model depicts it as running in the early 1920's and as it currently appears.

**Technical specifications for 'Russell'.**

- 2-6-2 outside framed chassis with two double acting slide valve cylinders.
- Simplified Walschaerts type valve gear.
- Internal gas firing.
- Controls fitted as standard are :- steam regulator, safety valve, pressure gauge, displacement lubricator, gas regulator and reversing gear.
- Overall dimensions (loading gauge), length 356mm, width 115mm, height 150mm.
- Weight 3.5 Kg.
- Full radio control is available for both regulator and reversing valve gear.
- An optional gauge conversion kit is available which allows changing between 32mm and 45m gauge. Please state gauge when ordering.
- Available in any standard ROUNDHOUSE colour.
- Also available with insulated wheels.
- 'RUSSELL' name and works plates are available as an optional extra.

# Sammie

***'Basic Series'***

'Sammie' is the second locomotive in our 'basic Series'. Offered in a ready to run form as illustrated above, this simple, slip-eccentric, internally gas fired model can be easily enhanced using our accessory packs.

Though freelance in design, 'Sammie' takes his styling from the small to medium sized saddle tank locomotives produced by a number of US manufactures such as Baldwin and Porter.

**Technical specifications for 'Sammie'.**

- 0-4-0 inside framed chassis with two double acting slide valve cylinders operated by slip-eccentric valve gear.
- External gas firing.
- Controls fitted as standard are :- steam regulator, safety valve, displacement lubricator and gas regulator.
- Overall dimensions (loading gauge), length 280mm, width 118mm, height 145mm.
- Weight 2.1 Kg.
- Available in any standard ROUNDHOUSE colour.
- 32mm or 45mm gauge (non adjustable). Please state gauge when ordering.

*Please note that insulated wheels are NOT available on this locomotive, and that a long gas filling adaptor is required.*

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# Silver Lady

***'Classic Series'***

2007 was the 25th Anniversary year of Roundhouse and to mark this occasion, we introduced 'Silver Lady', a deluxe version of the venerable Lady Anne locomotive which has been in production since our first year. This new design includes a host of features and extra detailing including sprung chassis, water top up system, simulated cylinder drain cocks and much more. The engine styling is still recognisable as 'Lady Anne', but with many subtle differences that make it something special. Notice the extra rivet detail, twin slide bar cylinders with dummy combination levers, glazed spectacles, copper capped chimney, ornate polished brass steam dome and a whole host of other detailing items. The model is fitted with special commemorative etched nickel silver works plates. A pair of matching SILVER LADY name plates are supplied loose in case you prefer to name her yourself.

**Technical specifications**

- 0-6-0 outside framed fully sprung chassis with two double acting slide valve cylinders operated by simplified Walschaerts valve gear.
- Water top up system and water gauge.
- Working simulated cylinder drain cocks (manual or r/c).
- Internal gas firing using our 'FG' type burner.
- Controls fitted as standard are :- steam regulator, safety valve, pressure gauge, displacement lubricator, water gauge, gas regulator and reversing gear.
- Water gauge and top-up system fitted as standard.
- Dimensions are:-length 325mm, width 125mm, height 150mm, weight 3.3kg (r/c).
- Full radio control is available for both speed, direction and simulated drain cocks.
- Gauge adjustable between 32mm and 45mm gauge.
- Available with Insulated wheels.
- Available in any standard ROUNDHOUSE colour.

# S.R. & R.L. #24

***'Classic Series'***

#24 was built by Baldwin at their Philadelphia works in 1919 for the Sandy River and Rangely Lakes Railroad in Maine, USA. It was the last locomotive bought by the railroad, was over 46 feet long, weighed an impressive 43.75 tons and had a tractive effort of 10,115 lbs. Despite the fact that it was considered an excellent piece of motive power, it was sadly scrapped in 1936 along with the rest of the railroad. This superbly detailed model is of the locomotive as running in the 1920's. Although measuring 28" (700mm) long, it will still negotiate track down to 600mm (2') radius, thus allowing operation on all LGB track. A water top-up system is incorporated into the model with water gauge on the boiler allowing continuous steaming for long periods and a fully sprung chassis is used on the locomotive with compensated bogies on the tender.

**Technical specifications for 'S.R. & R.L. #24'.**

- 2-6-2 outside framed chassis with two double acting slide valve cylinders.
- Walschaerts type valve gear. Internal gas firing.
- Controls fitted as standard are :- steam regulator, safety valve, pressure gauge, displacement lubricator, water gauge, gas regulator and reversing gear.
- Water gauge and top-up system fitted as standard.
- Fully sprung locomotive chassis and compensated tender bogies.
- Dimensions are :- length 700mm, width 120mm, height 150mm
- Weight 4.25 Kg - loco, 1.75Kg - tender (with r/c).
- A gauge conversion kit is available separately to allow changing between 32mm and 45mm gauge. Please state gauge when ordering.
- Insulated wheels are fitted as standard.
- Supplied in black livery with/without silver grey smokebox and red oxide roof unless otherwise stated.
- Also available in any standard ROUNDHOUSE colour.

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# Taliesin

***'Classic Series'***

Taliesin is a single Fairlie running on the Ffestiniog Railway in North Wales. Although the original locomotive was built in 1876 by the Vulcan Foundry, our model is based on the re-build/new-build, constructed at Boston Lodge, that entered service in 1999. The FR Fairlies, both single and double, have always attracted a lot of interest due to their unusual appearance and the fact that they are articulated locomotives. This detailed model captures the look of these distinctive engines and has the usual outstanding performance that Roundhouse customers have come to expect.

**Technical specifications**

- 0-4-4 single Fairlie with two double acting slide valve cylinders operated by Roundhouse inside valve gear.
- Internally gas fired using our 'FG' type system.
- Controls fitted as standard are :- steam regulator, safety valve, pressure gauge, displacement lubricator, water gauge, boiler top up valve and gas regulator.
- Two channel radio control fitted as standard for both speed and direction.
- Available in all standard Roundhouse colours.
- Available for 32mm or 45mm gauge (not adjustable).
- 45mm gauge locomotives will negotiate 600mm track radius.
- For 32mm gauge the recommend minimum track radius is 2ft 6inches.
- Dimensions are :- length 342mm, width 113mm, height 134mm.
- Insulated wheels are available on this model at an additional cost.

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# Tom Rolt

***'Classic Series'***

The prototype was designed at the Talyllyn Railway Pendre works, and built using parts from a 1948 Barclay 3' gauge locomotive as well as many new items. The project took over 20 years to complete and the loco entered service in 1991 as No.7, TOM ROLT. It is named after the transport history and engineering author, L. T. C. Rolt who inspired the rescue of the Talyllyn Railway by volunteers and was the TR's first general manager after preservation.

In the last 19 years, the loco has undergone a number of minor changes and our model is based on the engine as originally built.

**Technical specifications for 'Tom Rolt'.**

- 0-4-2 inside framed chassis with two double acting slide valve cylinders operated by simplified Walschaerts valve gear.
- Internal gas firing using our 'FG' type burner.
- Controls fitted as standard are :- steam regulator, safety valve, pressure gauge, displacement lubricator, water gauge, gas regulator and reversing gear.
- Water gauge and top-up system fitted as standard.
- Dimensions are :- length (over buffers) 300mm, width 98mm, height 136mm, weight 2.75kg ( with r/c).
- Full radio control is available for both speed and direction.
- Gauge is not adjustable but the model is available in both 32mm and 45mm gauge versions. Minimum radius on 32mm gauge is 2' 6" and for 45mm gauge, it is 2' (LGB R1) .
- Supplied with both standard Roundhouse centre buffers plus, hook coupling and buffers as per Talyllyn railway (as illustrated).
- Insulated wheels fitted as standard.
- Available in any standard Roundhouse colour.

# WELCOME TO ROUNDHOUSE

## And the nostalgia of live steam.

In the enclosed pages we hope to arouse your enthusiasm for live steam railways. If you are looking for something more alive than the traditional electric layout then this is for you. Whatever the size of your garden, from the handkerchief lawn to the average rambling mansion with several acres, the sight and sound of sizzling steamers can be outside your door.

ROUNDHOUSE evolved from a long-standing love affair with steam trains, which turned a hobby into a manufacturing business. This together with our sound designs and a dedicated team of workers have earned us a reputation for reliability that few can match.

We pride ourselves on our personal and friendly service, and are always available to discuss your needs. All locomotives are manufactured and extensively tested in our factory. They are sturdily constructed and have a real appetite for hard work.

GUARANTEE
All Roundhouse products are guaranteed against faulty parts or workmanship.
Our after sales service is second to none and friendly advice is only a phone call away.

Please note that the colours in this e-catalogue are not a true reflection of the actual colours used on our models. Variations between cameras and lighting at the time the photograph was taken can make a difference to the colours. Also, different monitors or printers will also change the colour of the photographs. The only way to observe the true colours is to actually view the models. Even so, slight variations can also occur between different batches of paint!

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