

ROUNDHOUSE

Established. 1982

Living Steam Railways



Model Steam Locomotives
For
SM32/45 & G Scale
Garden Railways

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 right outside your door.

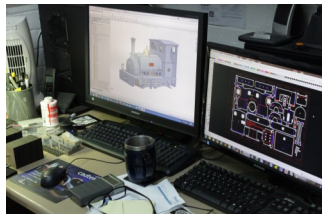
ROUNDHOUSE evolved from a long standing love affair with steam trains, which turned a hobby into a leading manufacturing business. This, together with our sound designs and a dedicated team of workers, has earned us a reputation for reliability that few can match.

We pride ourselves on our personal and friendly service, and are always available to discuss your needs.

All locomotives are manufactured and thoroughly tested in our factory. They are sturdily constructed and will provide a lifetime of joy.

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.



How To Find Us

Address:

Roundhouse Engineering Co.Ltd.
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Churchill Road
Wheatley
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DN1 2TF

On Churchill Road, follow signs for New Bodies Gym and Independent Fishing Tackle & Bait Shop.

You are most welcome to visit us in person to discuss your needs or even drive one of our demonstration models. Our showroom is open 8:30am to 5:00pm Monday to Thursday and 8:30am to 2:00pm on Fridays.



How To Contact Us

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Or follow us on our [Facebook](#) page

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' (600m) 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 let's look at what they are.

SM32, (16mm scale/32mm track gauge), or 16mm narrow gauge as it is sometimes known, is built to a scale of 16mm to 1ft (1:19) and runs on 32mm gauge track. This is not the same as 'O' gauge, which, though running on 32mm gauge track, uses light rail and is built to a much smaller scale of 7mm to 1ft.

SM45, is also built to 16mm to 1ft but runs on 45mm gauge track. This is not the same as gauge '1' which, though running on 45mm gauge track, uses light 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 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 times 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 the steam flow in the cylinders and enable the locomotives 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 takes care of oiling the internal parts of the cylinders automatically whilst the locomotive is running.



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.

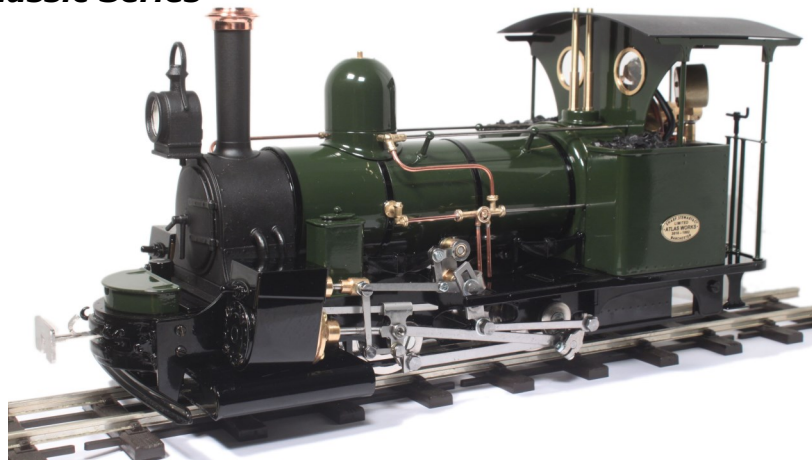
Technical specifications for 'Billy'.

- 0-4-0 outside framed chassis with two double acting slide valve cylinders.
- Simplified Walschaerts valve gear.
- Internal gas firing using our 'FG' type burner.
- Controls fitted as standard are :- steam regulator, safety valve, pressure gauge, displacement lubricator, gas regulator and reversing gear.
- Exhaust Enhancer fitted as standard.
- 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.



Darjeeling 'A' class

'Classic Series'



In total eight Darjeeling A Class locomotives were supplied to the Darjeeling Himalayan Railway by Sharp Stewart of Manchester between 1882 and 1883. Sharp Stewart contracted the Hunslet locomotive company to produce four of the eight, who in turn contracted the Fowler engine builder to produce some components for these four; meaning that this engine represents the work of a number famed British narrow gauge engine builders!

Overall they proved more successful than the previous design provided to the DHR and, with a few modifications down the years, most stayed in service until 1911. Engine No.9 was the longest lasting, remaining in use up till 1954! They would have worked alongside their perhaps more well known siblings the B Class which was introduced in 1888.

This long awaited loco completes the Darjeeling alphabet in the Roundhouse classic series range.

Technical specifications for the Darjeeling 'A' class.

- Internal gas firing using our 'FG' type burner.
- 0-4-0 outside framed chassis with two double acting slide valve cylinders operated by a simplified Walschaerts type valve gear.
- Exhaust enhancer.
- Water top-up system and water gauge with new striped backing.
- Controls fitted as standard are :- steam regulator, safety valve, pressure gauge, displacement lubricator, gas regulator and reversing gear.
- Dimensions (loading gauge) are :- length 315mm over buffers, width 113mm, height 138mm, weight 2.9 Kg.
- Full radio control is available for both regulator and reversing valve gear using 2.4GHz R/C.
- Rechargeable battery pack with onboard charging port
- Currently only available in R/C, with manual control in development.
- The wheels are adjustable between 32mm and 45mm gauge.
- Available with insulated wheels.
- Minimum radius 2'.
- Available in any Standard Roundhouse Colour, shown here in Deep Bronze Green



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 railway's 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.
- Exhaust Enhancer fitted as standard.
- Overall dimensions are:- length 365mm, width 115mm, height 170mm, weight 3.5kg.
- Also available with insulated wheels.



Darjeeling 'C' class

'Classic Series'



In 1913 two 4-6-2 'Pacific' style locomotives were ordered from the North British Locomotive Company in Glasgow for the use on the 70 mile Kishenganji branch of the DHR. Initially numbered 37 & 38, these locos saw extensive use on this branch line and were largely unmodified throughout their lifetime. After Indian independence in 1947 moves were made to replace the branch line with metre gauge track and by 1950 the 'Pacifics' were relegated to working the section between Siliguri and Sukna; unsuited as they were to the curves and gradients on the rest of the DHR. They were numbered 807 and 808 by Indian Railways from this point. By 1969 both locos were laid up at the New Jalpaiguri shed until being rescued for preservation as static exhibits.

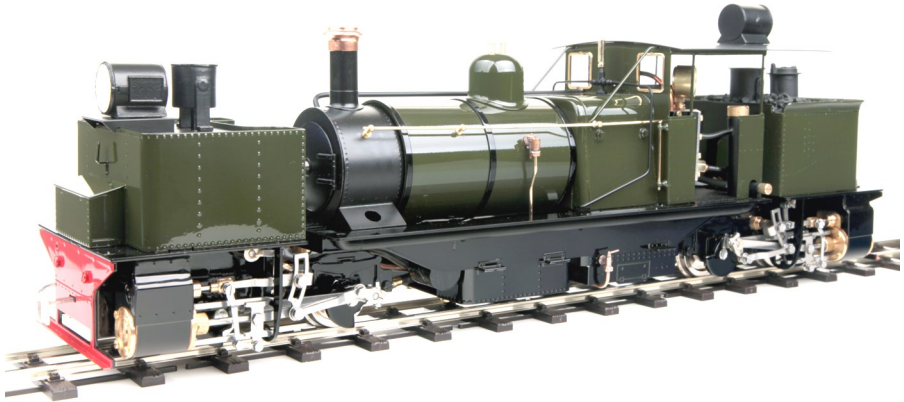
Technical specifications for the Darjeeling 'C' class.

- Internal gas firing using our 'FG' type burner.
- 4-6-2 outside framed chassis with two double acting slide valve cylinders operated by simplified Walschaerts type valve gear
- 8 wheel bogie tender
- Exhaust enhancer
- 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 spectacles
- Dimensions (loading gauge) are :- length 711mm over buffers, width 112.5mm, height 148mm
- Full radio control is available for both regulator and reversing valve gear using 2.4GHz R/C.
- Regaugeable between 32mm and 45mm without the need for a gauge conversion kit.
- Insulated wheels as standard.
- Recommended for use on minimum 3ft radius curves.
- Available in any Standard Roundhouse Colour



'Classic Series'

Darjeeling 'D' class Garratt



Built by Beyer Peacock & Co Ltd. At their Manchester works, the Garratt locomotive was delivered to the Darjeeling Himalayan Railway in 1911 and was put into service on the 30th of June. It was assigned by the DHR as Class 'D' and given the running number 31. The locomotive was thought to have carried the name 'Highland Chief' for a short period in the 1920s and was regularly seen working between Tindharia and Darjeeling. It finally earned its keep on the extension lines hauling loads of 200 tons, and was eventually scrapped in 1954.

Technical specifications for the Darjeeling 'D' class Garratt.

- Internal gas firing using our new 'FG2' type burner.
- Outside framed 0-4-0+0-4-0 chassis' with four double acting slide valve cylinders operated by simplified Walschaerts 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 532mm over buffers, Width 116mm, Height 170mm, Weight 5.20 kg
- Full 2.4GHz radio control for both regulator and reversing valve gear.
- Fitted with insulated wheels as standard.
- Exhaust enhancer fitted as standard.
- Available in any standard ROUNDHOUSE colour.

Please note that this model is not available with manual control.



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.

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.
- Exhaust Enhancer fitted as standard.
- 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.



Harrogate

'Classic Series'



'Harrogate' was built in 1944 by Peckett & Sons of Bristol for the Harrogate Gas Works Railway. In 1957 the locomotive was sold the Ffestiniog Railway for use as a mainline loco with the intended name of 'Volunteer'. Unfortunately the loco was never fully restored and ultimately proved unsuitable for the FR. The loco was sold to the Bredgar & Wormshill Light Railway in 1987 where it was restored to running order. However it was again proved unsuitable for the line and was sold once more in 2004 to the then private Statfold Barn Railway. Here it played an integral part in the early development and subsequent growth of the line. Harrogate is still running today on the now publically accessible Statfold Barn Railway.

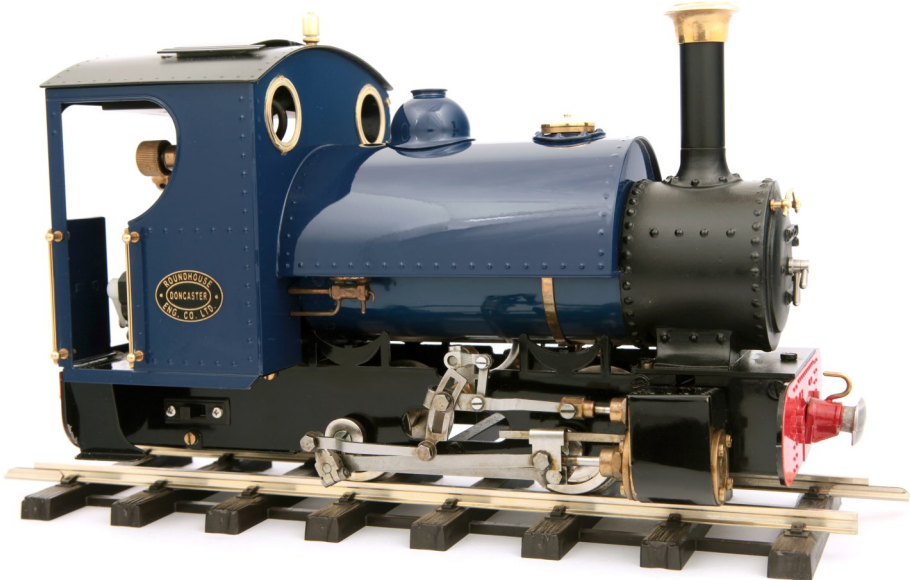
Technical specifications for 'Harrogate'.

- Internal gas firing using our 'FG' type burner.
- 0-6-0 outside framed chassis with two double acting slide valve cylinders operated by internal Walschaerts type valve gear.
- Exhaust enhancer.
- Controls fitted as standard are :- steam regulator, safety valve, pressure gauge, displacement lubricator, gas regulator and reversing gear.
- Full radio control as standard 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.
- Available in any Standard Roundhouse Colour



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 using our 'FG' type burner.
- Controls fitted as standard are :- steam regulator, safety valve, pressure gauge, displacement lubricator, gas regulator and reversing gear.
- Exhaust Enhancer fitted as standard.
- 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.



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 using our 'FG' type burner.
- Controls fitted as standard are :- steam regulator, safety valve, pressure gauge, displacement lubricator, gas regulator and reversing gear.
- Exhaust Enhancer fitted as standard.
- 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.



Lilla

'Classic Series'



'Lilla' was designed and built in 1891 by the Hunslet Engine Company for use on the Cilgwyn Slate Co Quarry at Nantlle before moving on to the Penrhyn Quarry in 1928. After being restored by Bernard Latham in 1963 she was first displayed at the Winter Garden Railway in Hertfordshire in 1972, then at the Kew Bridge Steam Museum in 1987 and then on the Bala Lake Railway in 1991. She eventually found her way onto the renowned Ffestinog railway in 1993 and is still in active use to this day.

Technical specifications for Lilla.

- Internal gas firing using our 'FG' type burner.
- Outside framed 0-4-0 chassis' with 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.
- Glazed cab windows.
- Dimensions (loading gauge) are, Length 284mm over buffers, Width 108mm, Height 114mm, Weight 2.9 kg.
- Full 2.4GHz radio control is available for both regulator and reversing valve gear.
- Rechargeable battery pack and charger supplied.
- Wheels are adjustable for both 32mm and 45mm gauge.
- Also available with insulated wheels.
- Exhaust enhancer fitted as standard.
- Available in any standard ROUNDHOUSE colour.



Linda

'Classic Series'



'Linda' was designed and built in 1893 by the Hunslet Engine Company for use on the Penrhyn Quarry Railway. She worked at the quarry until 1962 and then entered service on the Ffestiniog Railway very shortly after. A part of the Ffestiniog Railway has actually been named 'Linda's Leap' where Linda jumped the tracks later in 1962. Despite this early set back she has been a staple of the FR loco roster and has been through several conversions, alterations and rebuilds down the intervening decades. In 2021 her boiler certificate expired and she has once again been stripped down for another restorative overhaul. Our version of Linda represents the 0-4-0 loco pre-1970.

Technical specifications for 'Linda'.

- 0-4-0 outside framed chassis with two double acting slide valve cylinders.
- Internal gas firing using our 'FG' type burner.
- 0-4-0 outside framed chassis using ROUNDHOUSE inside valve gear.
- Exhaust enhancer.
- Controls fitted as standard are :- steam regulator, safety valve, pressure gauge, displacement lubricator, gas regulator and reversing gear.
- Water gauge and top up system as standard.
- Dimensions (loading gauge) are :- length 460mm over buffers, width 105mm, height 130mm.
- Weight: 3.66kg (with tender and R/C)
- Full radio control is available for both regulator and reversing valve gear using 2.4GHz R/C.
- Also available with manual control.
- Featuring glazed cab windows
- Includes 4 wheels tender with resin coal load.
- Rechargeable battery pack and 240V charger supplied.
- Insulated wheels available at additional cost.
- Supplied with etched brass works plates.
- Minimum radius 2'6".
- Available in any Standard Roundhouse Colour, shown here in Mid Brunswick Green.



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 using our 'FG' type burner.
- Controls fitted as standard are :- steam regulator, safety valve, pressure gauge, displacement lubricator, gas regulator and reversing gear.
- Exhaust Enhancer fitted as standard.
- Overall dimensions (loading gauge), length 356mm, width 115mm, height 150mm.
- Weight 3.58 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 included.



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.
- Exhaust Enhancer fitted as standard.
- 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.



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.
- Exhaust Enhancer 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.



Taliesin

'Classic Series'



Our Taliesin Mk2 has had a complete redesign and detailing overhaul to bring the model up to our current production standards and improving prototypical accuracy. Taliesin is the third loco to be named as such on the Ffestiniog railway. This 0-4-4T steam locomotive was built in 1999 and was the fifth engine to be built at the Boston Lodge Works. A popular engine with engine crews and the public alike, this loco is still in service today on the Ffestiniog and Welsh Highland Railway.

Technical Specifications for Taliesin

- Internal gas firing using our 'FA' type burner.
- Inside framed 0-4-0 chassis with Roundhouse Internal Walschaerts valve gear.
- Exhaust enhancer.
- 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 spectacles.
- Dimensions (loading gauge) are, Length 360mm over buffers, Width 110mm, Height 130mm, Weight 3.9 Kg.
- Full radio control for both regulator and reversing valve gear using 2.4GHz R/C.
- Available in 32mm or 45mm
- Optional insulated wheels available
- Available in any of the standard Roundhouse colours.



Bulldog

'Diesel Series'



Bulldog is another freelance design typical of a powerful small yard shunter and, though it shares the same chassis with Little John, it has a more purposeful look and features extra detail and a working head lamp. This model has been designed and built to be equal in performance to our steam models.

Technical specifications for 'Bulldog'.

- Weight 1.4kg.
- Long running time.
- 0-4-0 outside framed steel chassis.
- Dimensions: Length 179mm (over Coupling), Width 80mm, Height 139mm.
- Fitted with a High-Powered Motor and tough Nylon Gear set.
- Working head lamp..
- Full radio control - Stop, Start and Speed in both directions using our powerful and highly reliable Roundhouse 'LocoGlyde' Electronic Speed Controller (ESC).
- Powered by 6 AA NiMh rechargeable batteries for excellent running time complete with fast charger for in-situ charging.
- Gauge adjustable between 32mm and 45mm gauge.
- Insulated wheels fitted as standard.
- Buffer Beams - Choice of Plain Red or Yellow/Black Chevrons.
- Available in any standard ROUNDHOUSE colour.



Darjeeling NDM-6

'Diesel Series'



Built by Suri and Nayar (SAN) Engineering & Locomotive Company, Bangalore, this locomotive is currently operated by the Darjeeling Himalayan Railway. The loco is a 2-axle, air-braked unit, weighs in at around 17.5 tonnes and is powered by a Kirloskar-Cummins engine with 335 hp continuous output. The NDM-6 is the fourth in our series of battery powered diesel models.

Technical specifications for the Darjeeling NDM-6

- Weight 3.5kg.
- Long running time.
- 0-4-0 outside framed steel chassis.
- Dimensions: Length 309mm (over Coupling), Width 110mm, Height 145mm.
- Fitted with a two high-powered motor and precision made steel helical gear set.
- Front and rear working directional headlamps.
- Full radio control - Stop, Start and Speed in both directions using our powerful and highly reliable Roundhouse 'LocoGlyde' Electronic Speed Controller (ESC).
- Powered by 10 AA NiMh rechargeable batteries for excellent running time complete with fast charger for in-situ charging.
- Gauge adjustable between 32mm and 45mm gauge.
- Insulated wheels fitted as standard.
- Fully glazed windows and removable roof to access interior.
- Available with optional sound system featuring engine sound and horn (extra cost)
- Available in any standard ROUNDHOUSE colour.



Conway Castle

'Diesel Series'



Conway Castle was built in 1958 for the Royal Naval Armament Depot at Ernesettle in Devon. It arrived on the Ffestiniog Railway in 1981 and was rebuilt by Boston Lodge with a Gardner 6LXB 180hp bus engine. During the late 80s and early 90s it was used for Push-Pull duties before being transferred to the Welsh Highland Railway in 2000 for use in the Dinas yard. The loco was withdrawn from service in 2013 and plans are in place to rebuild the sections of the loco to make it more suitable for works trains and shunting.

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

Technical specifications for Conway Castle

- 0-4-0 outside framed chassis with high quality 12V motor and precision made nylon worm & gear set.
- Four wheel drive with chain driven rear axle
- Dimensions are :- length 260mm, width 105mm, height 150mm, weight 2.75 kg.
- Full radio control for both speed and direction (and sound if fitted).
- Working directional headlights
- Rechargeable NiMH batteries for excellent running time complete with fast charger for in-situ charging.
- Fitted as standard with insulated wheels.
- The wheels are adjustable between 32mm and 45mm gauge.
- Fully glazed windows and removable roof to access interior.
- Available with optional sound system featuring engine sound and horn at extra cost.
- Minimum radius 2'.
- Available in any [Standard Roundhouse Colour](#), shown here in Deep Brunswick Green.



'Diesel Series'

Harlech Castle



Now available with up to date bodywork

Built by Baguley-Drewry of Burton-on-Trent, Harlech Castle is the third in our series of battery diesel locomotives. Originally destined for Mozambique, the order was cancelled and she eventually found her way to the Ffestiniog Railway in 1988 where she is used by the Permanent Way Department.

This model has been designed and built to be equal in performance to our steam models. It features a powerful 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 (10 on loco) for excellent running time complete with fast charger for in-situ charging.
- Gauge adjustable between 32mm and 45mm gauge.
- Insulated wheels as standard.
- Fully glazed windows and removable roof to access interior.
- Available with optional sound system featuring engine sound and horn.
- Available in any standard ROUNDHOUSE colour.
- Available in FR livery (Vinyl Transfer).



Hercules

'Diesel Series'



Hercules is a freelance design based on typical narrow gauge shunter engines found in small yards and industrial settings. The open cab with driver seat make this a perfect loco to add figures to for that realistic touch.

Technical specifications for 'Bulldog'.

- Weight 1.4kg.
- Long running time.
- 0-4-0 outside framed steel chassis.
- Dimensions: Length 179mm (over Coupling), Width 80mm, Height 139mm.
- Fitted with a High-Powered Motor and tough Nylon Gear set.
- Working head lamp..
- Full radio control - Stop, Start and Speed in both directions using our powerful and highly reliable Roundhouse 'LocoGlyde' Electronic Speed Controller (ESC).
- Powered by 6 AA NiMH rechargeable batteries for excellent running time complete with fast charger for in-situ charging.
- Gauge adjustable between 32mm and 45mm gauge.
- Insulated wheels fitted as standard.
- Buffer Beams - Choice of Plain Red or Yellow/Black Chevrons.
- Available in any standard ROUNDHOUSE colour.



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 using our 'FG' type burner.
- 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.



Jennie

'Basic Series'



Jennie is our latest 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. The loco comes with an attractive four wheeled tender which is available separately for use behind any of our budget locos.

Technical specifications for Jennie.

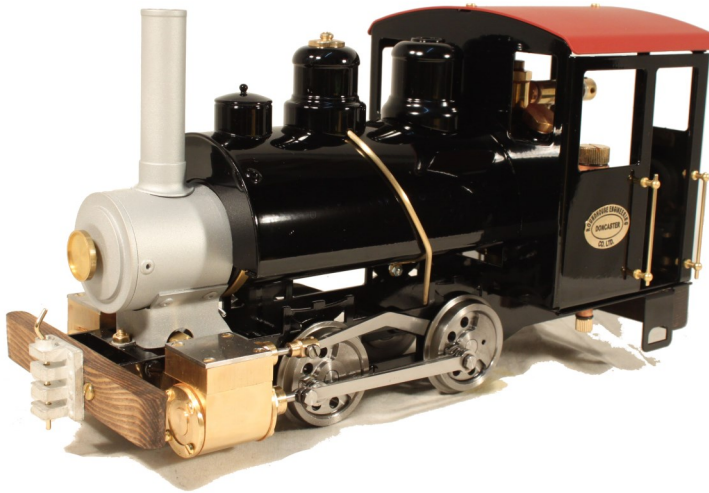
- 0-4-2 inside framed chassis with double acting slide valve cylinders operated by slip eccentric valve gear.
- Internal gas firing using our 'FG' type burner.
- Controls fitted as standard are:- steam regulator, safety valve, displacement lubricator and gas regulator.
- Loco overall dimensions are:- length 270mm, width 107mm, height 155mm, weight 2.4kg.
- Dimensions of the tender are:- length 150mm over buffers, width 107mm, height 105mm, weight 0.8Kg
- The loco is available in either 32mm or 45mm gauge (non adjustable). The tender is adjustable with an additional conversion kit.
- Accessory packs available are:- pressure gauge, water top up system, polished brass bonnet 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.



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.
- Internal gas firing using our 'FG' type burner.
- 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.