



*Established. 1982*

## **Living Steam Railways**



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

**I**n 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.

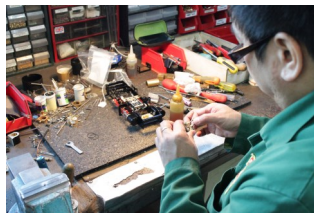
ROUNDHOUSE evolved from a long standing love affair with steam trains, which turned a hobby into a leading manufacturing business. This, together with our sound designs and a dedicated team of workers, has earned us a reputation for reliability that few can match.

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.



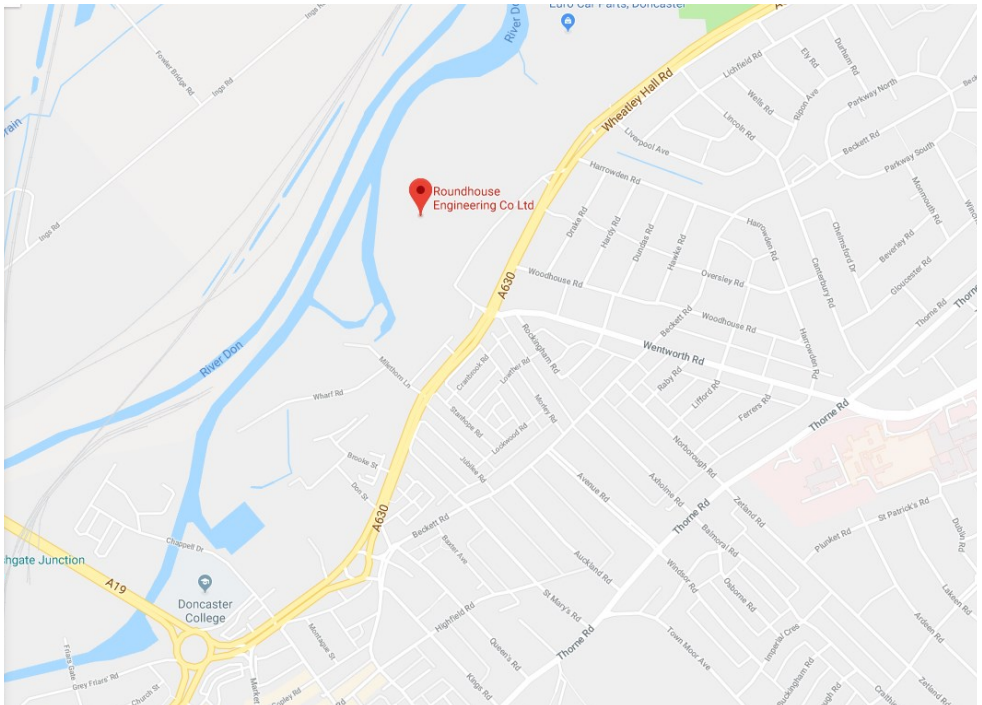
## **How To Find Us**

Address:

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Churchill Road  
Wheatley  
Doncaster  
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.





# Clarence

***'Classic Series'***



'Clarence' is a new Roundhouse freelance design loosely based on steam trams prevalent across Britain and Europe during the early 1900s. Some of its features draw direct inspiration specifically from examples used in Yorkshire during this period.

### **Technical specifications for 'Clarence'.**

- Internal gas firing using our 'FG' type burner.
- 0-4-0 outside framed chassis with two double acting slide valve cylinders operated by simplified Walschaerts type valve gear.
- Fitted with exhaust enhancer as standard.
- Controls fitted as standard are :- steam regulator, safety valve, pressure gauge, displacement lubricator, gas regulator and reversing gear.
- Dimensions (loading gauge) are :- length 305mm over buffers, width 130mm, height 176mm, weight 3.95 Kg (with r/c).
- Available with 2.4 GHz Radio control
- The wheels are adjustable between 32mm and 45mm gauge.
- Also available with insulated wheels.
- Comes with two cast loco lamps and advertising decals to be fitted at the customers discretion.
- Removable roof.



# ALCO

***'Classic Series'***



Alco was built by the American Locomotive Company at their Cooke Works for use in France during the First World War. Our model is of the locomotive as running in preservation on the Chemin de Fer Froissy-Cappy-Dompierre (CFCD).

### **Technical specifications for 'Alco'.**

- 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 spectacles.
- Exhaust Enhancer fitted as standard.
- 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 in WD grey with black boiler and domes unless otherwise requested, and lettered either WD or RL1257 (please state preference at time of ordering)



# 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.



*'Classic Series'*

# Darjeeling 'B' class



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



*'Classic Series'*

# Darjeeling 'C' class



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 Kishanganji 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.
- Supplied with etched brass works plates.
- 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 30<sup>th</sup> 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.**

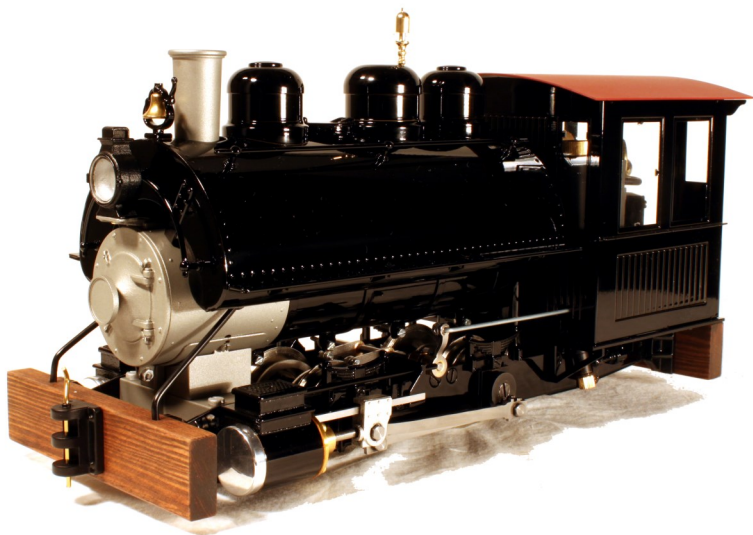
- Internal gas firing using our new 'FG2' type burner.
- Outside framed 0-4-0+0-4-0 chassis' with four double acting slide valve cylinders operated by simplified Walschaerts valve gear.
- Water top-up system and water gauge.
- Controls fitted as standard are: - steam regulator, safety valve, pressure 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.



# Davenport

*'Classic Series'*



The Davenport Locomotive Works started producing these, 0-4-0 saddle tank locos in the early 1900s for industrial uses. While the majority of these engines were built for American clients they found their way all over the globe to places such as: Australia, New Zealand, Philippines, Cuba and Europe.

Because dozens of these locos were produced for a variety of purposes we have designed this loco to be our interpretation of prototypical examples.

#### **Technical specifications for the Davenport.**

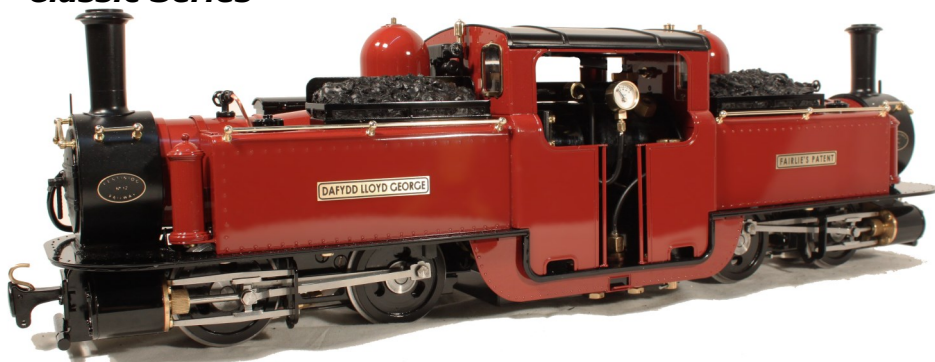
- Internal gas firing using our 'FG' type burner.
- Outside framed 0-4-0 chassis with Roundhouse Internal Walschaerts valve gear.
- Exhaust enhancer.
- Water top-up system and water gauge.
- Glazed cab spectacles.
- Dimensions (loading gauge) are, Length 310mm over buffers, Width 115mm, Height 165mm, Weight 3.4 Kg.
- Full radio control is available for both regulator and reversing valve gear using 2.4GHz R/C.
- Gauge adjustable between 32mm and 45mm
- Optional insulated wheels available
- Available with a choice of matt black or silver smokebox, matt black or red oxide roof and the bodywork in any of the standard Roundhouse colours.





**'Classic Series'**

## **'David Lloyd George'**



'David Lloyd George' was the fourth locomotive to be built by the Festiniog Railway Company in its own workshops at Boston Lodge and the sixth FR Double Fairlie. It was completed in 1992 as a modern locomotive but with a traditional outline. As originally built it burned fuel oil and was running on a pair of old bogies with some parts dating back to the Victorian era. It has recently been rebuilt with coal firing and a pair of brand new bogies to the latest specification.

Developed and tested over the course of two years, 'David Lloyd George' represents another leap in precision model engineering. Featuring a wealth of detail, coupled with our legendary reliability, this locomotive will be the pride of any garden railway.

### **Technical specifications for 'David Lloyd George'.**

- Minimum 3ft radius curves required.
- Available in either 32mm or 45mm gauge. The gauge is unadjustable, please state preference when ordering.
- Inside framed 0-4-4-0T chassis with four double acting slide valve cylinders operated by Roundhouse inside valve gear.
- Exhaust enhancers fitted as standard.
- Insulated wheels available at additional cost.
- Controls fitted as standard are :- steam regulator, safety valves, 1/2" pressure gauge, displacement lubricator, gas regulator and reversing gear.
- Glazed cab spectacles.
- Highly detailed lost wax castings.
- Seven channel radio control fitted as standard for both speed and direction.
- Water top up system and water gauge fitted as standard.
- Internal gas firing using our 'FA' type burners.
- Rechargeable battery pack and charger supplied.
- Dimensions (loading gauge): Length - 501mm over buffers, width 108mm, height 135mm, weight 5.7kg.
- Supplied with etched brass works plates.
- Available in any Standard Roundhouse Colour, shown here in Crimson Lake - BS473 (current WHR livery as verified by Boston Lodge Works).



# Fowler

***'Classic Series'***



This is a model of works number 16255 built in 1924 by John Fowler & Co. Ltd. cZ@YYXg 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.



# 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 Peckett 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.



# Leek & Manifold

**'Classic Series'**



H.V. Lee & 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.
- Exhaust Enhancer fitted as standard.
- 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.





# 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.



# Palmerston

*'Classic Series'*



A prototypical reproduction of Palmerston as it is preserved today. The loco will also be supplied with nameplates for the other Small England locos, Prince and Princess, as these locos passed through similar configurations during the 1920s. This loco will only be available in 32mm gauge. Orders are being taken from the 1st January 2021

Built in 1863, and rebuilt a number of times down the years, Palmerston was one of the Ffestiniog Railway's original locomotives. Palmerston was in continuous use up till the mid 1930s before being considered beyond restoration. A private group of engineers bought the loco in 1974 and after a complete overhaul it was returned to service on the FR in 1993.

## **Technical specifications for Palmerston - Small England**

- Internal gas firing using our 'FA' type burner.
- Inside framed 0-4-0 chassis with Roundhouse Internal Walschaerts valve gear.
- Exhaust enhancer as standard.
- 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 355mm over buffers, Width 89mm, and Height 124.5mm.
- Available with R/C, full control for both regulator and reversing valve gear using 2.4GHz R/C.
- Also available with manual control.
- Available in 32mm only
- Insulated wheels available at additional cost.
- Available in any of the standard Roundhouse colours.





# 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 45mm gauge. Please state gauge when ordering.
- Available in any standard ROUNDHOUSE colour.
- Also available with insulated wheels.
- 'RUSSELL' name and works plates are included.



***'Classic Series'***

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



#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 ffl#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.



# Merseysider

***'Diesel Series'***



'Merseysider' is a 0-4-0 diesel electric locomotive built in 1964 by Ruston & Hornsby for the the Park Gate steelworks in Rotherham. It was acquired by the Talyllyn Railway in 1969 and used up until 2016. It operated under loco number No.8 during it's time on the Talyllyn Railway.

## **Technical specifications for Merseysider**

- Length over buffers: 229.50mm
- Width: 91.50mm
- Height from railhead: 132.50mm
- Sealed 6 NiMh AA cells (7.2 volts)
- Available with optional sound system featuring engine sound and horn at extra cost.
- Working headlights
- 2.4GHz radio control as standard
- Smart charger
- Worm gear drive
- Chain drive to rear axle
- Regaugable between 32mm and 45mm
- 4 Axle bearings
- Removable roof
- On/off switch situated in cab
- Onboard charging port
- Glazed cab windows
- Comes with both prototypical buffers and Roundhouse centre buffers to be fitted at customer discretion.
- Available in any Standard Roundhouse Colour





# Harlech Castle

*'Diesel Series'*



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.*



# 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'.**

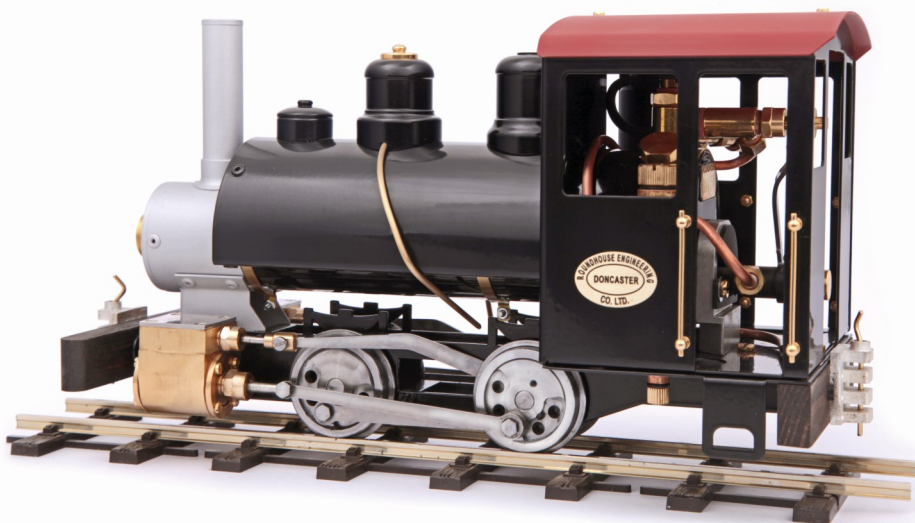
- 0-4-0 inside framed chassis with two double acting slide valve cylinders operated by slip eccentric valve gear.
- External gas firing using the ROUNDHOUSE 'FX' gas system.
- Controls fitted as standard are :- steam regulator, safety valve, displacement lubricator and gas regulator.
- Overall dimensions (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.
- 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.*



# 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.*



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