



L&M Lion

as preserved



Thunderbolt

Titfield Thunderbolt version

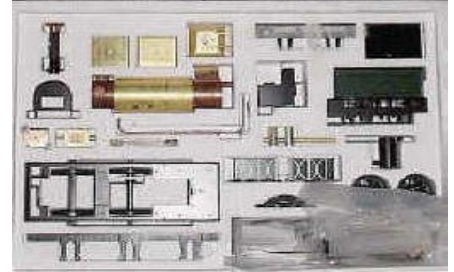
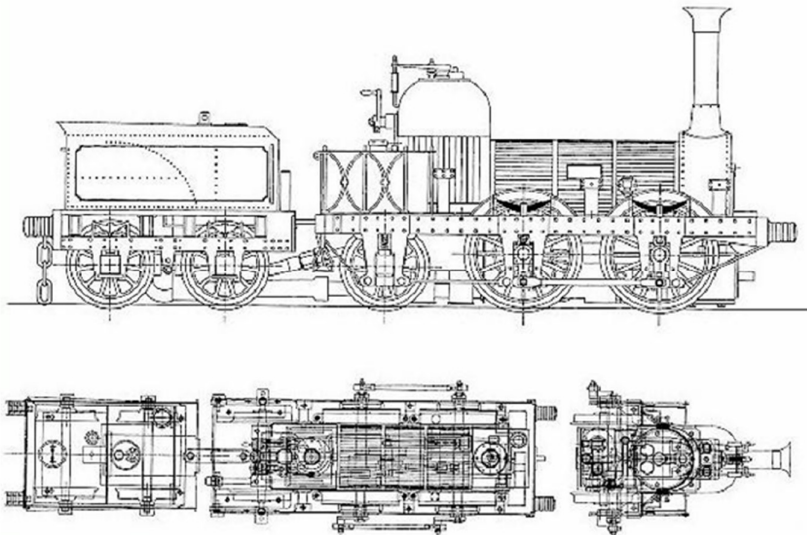
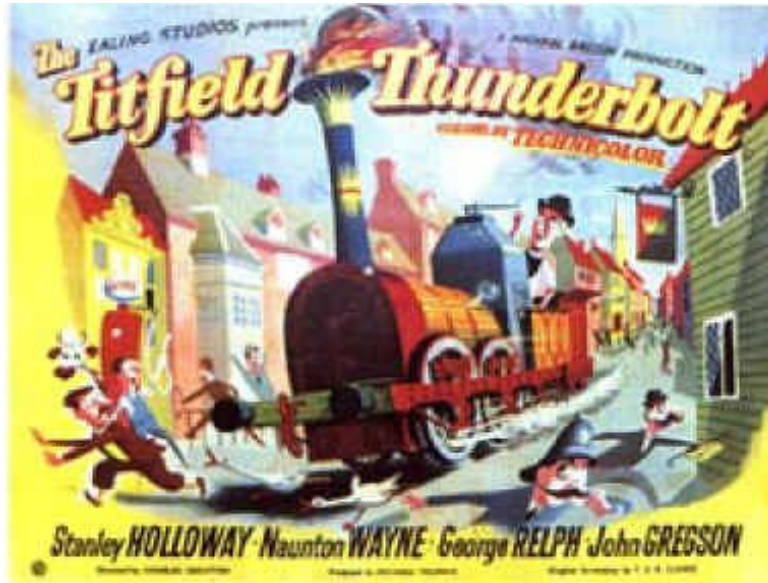


LION 0-4-2

The Lion, a 0-4-2 type locomotive, is one of the world's oldest active steam locomotives. Manufactured in 1838 by Todd Kitson & Lehr of Leeds for the Liverpool and Manchester Railway, it was sold 21 years later to Mersey Dock along with other older locomotives, where it operated as a stationary pump locomotive for the next 70 years.

The Lion was subsequently forgotten but was accidentally rediscovered in 1927. It was then rescued and transported to the Crewe Works of the London, Midland and Scottish Railway, where it underwent an overhaul and restoration, returning to as close to its original condition as possible. Since then, it has participated in various railway commemorations and appeared in numerous films.

While the Aster Lion kit is priced very affordably, it's not the best choice for live steam beginners. This kit is more suited to experienced builders. The low number of parts means everything must be assembled exactly as designed. Be careful. However, this small locomotive, which is similar to the "Grasshopper" in both size and originality, is available in two versions: one in "preserved condition" and another with the paint scheme that appeared in the 1953 Ealing comedy film "Titfield Thunderbolt"



Specifications

Scale/Gauge: 1/30, 45 mm (No. 1 Gauge)

Weight: 5.6 kg (3 1/2 lbs)

Dimensions:

Length: 325 mm (13 inches)

Width: 93 mm (3.1/2 inches)

Height: 130 mm (5.12 inches)

Wheel Arrangement: 0-4-2

Driving Wheel: Dia 46 mm

Trailer Truck Wheel. Dia. 34 mm

Tender Wheel: 34 mm

Engine: A single cylinder with D-Slide Valve. Bore 10 mm x Stroke 14 mm.

Valve Gear: Valve Travel 4 mm, Cut-Off 75%

Boiler Type: C Type Boiler

Water Capacity: 60cc at 70% Full Working Pressure 3-4 kg/cm.

Alcohol Tank: 56 cc. Water Inlet if fitted in the tender.

Two Wick: Tube Alcohol Burner

Minimum Radius: 1.2 m (4 feet)