

TRACTION ENGINE WAGON TRAILER



1:35
SX-35002

3D-PRINTED
MODEL KIT

Builder's Guide



MEET THE DESIGNERS

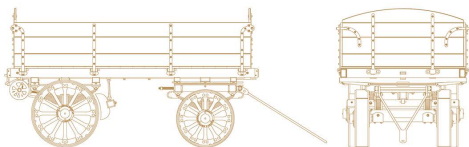
David and Amanda Jones are an experienced husband-and-wife design team. David, an aircraft mechanical technician, handles the 3D scanning and digital engineering, drawing on decades of kit building and design experience.

Amanda is a competitive, award-winning modeller and published photographer with a relentless eye for detail and historical accuracy.

SteamX began as a passion project in 2025, designed across borders while David was working abroad. It combines David's innovative 3D workflow with Amanda's skilled 3D sculpting, test building and quality assurance.

Together they are designing a range of steam era kits that balance intricate engineering with artisan authenticity.





HISTORY

Clayton and Shuttleworth were famous British engineering firm founded in 1842, based at Stamp End Works in Lincoln, Lincolnshire. They were best known for producing traction engines, threshing machines and steam wagons. They displayed their new inventions at the famous Great Exhibition in London and exported their products widely across Europe, with branches in Vienna, Pest, Prague, Cracow and Lemberg (modern day Lviv).

At the outbreak of World War 1 Clayton and Shuttleworth secured a war department contract, and transport demands were so immense, that almost all of their traction engine wagons built between 1914 and 1916 went to supply the demands of the military.

Their traction engine wagons were advertised for use in road making and the transport of road material. They were made in 4 sizes to carry 4, 6 8 or 10 tons of coal, minerals or agricultural produce.

The bed and frame were made of well seasoned oak and the sides of red deal. Strong hinges were fitted to the sides so each side can be let down along the whole length. The ends were also can removable for when timber or stones were carried. They were mounted on wrought iron wheels and designed so that up to three of them could follow a single traction engine. The two hand wheels at the back were used to apply the brakes, one for each side, to prevent accidents.

Buyers of a new wagon would also have to assemble their own wagons and they arrived new! In the time period it was common to employ sign writers so signage on these trailers was often quite precise and applied with a craftsman's skill.

GETTING STARTED

Thank You for Choosing SteamX

This highly detailed 3D printed resin scale model kit was developed with a focus on historical authenticity, fine craftsmanship, and faithful representation of the original wagon trailer.

We recommend carefully reviewing the instructions and familiarising yourself with the parts before beginning assembly.



Safety notice



Resin dust may be hazardous to health. Assemble the model in a well-ventilated area and avoid inhaling dust generated during sanding or cutting. Wet sanding and the use of a protective mask are strongly recommended.



This product is a scale model kit intended for experienced modellers and is not a toy. Contains small and delicate parts. Keep away from children under 3 years of age.



For ages 14 years and over.

Before You Start

Ensure you have the necessary tools before beginning assembly:

- nippers
- a sharp hobby knife
- tweezers
- sanding tools
- a JLC-style micro saw
- and cyanoacrylate (CA) glue, preferably gel type.

Handle small and delicate parts with care. Most support structures are designed to be removed by hand with minimal effort; however, the use of hobby tools such as nippers or a sharp hobby knife is strongly recommended for clean and safe removal.

Some larger components feature more substantial support structures required to preserve dimensional accuracy during the printing process. Their removal may require additional time and patience. Work carefully to avoid damaging fine details.

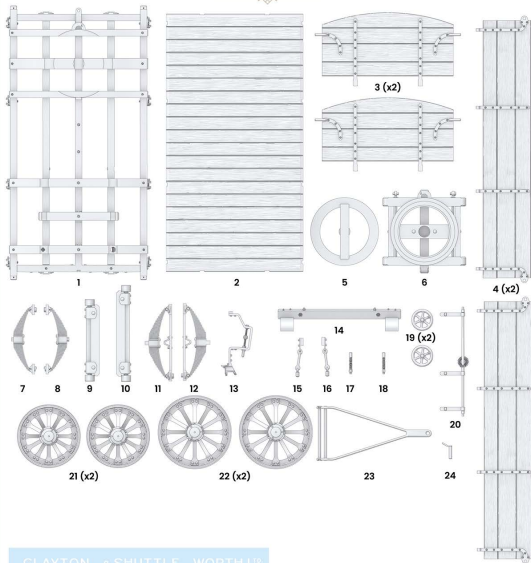
Always test-fit parts before gluing. Certain larger components may require minor adjustment due to the nature of resin materials and the manufacturing process.

WALKAROUND PHOTOS



Scan the QR code to access the complete high-resolution walkaround archive of Wagon Trailer from the personal collection of Amanda and David Jones.

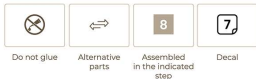
KIT CONTENTS



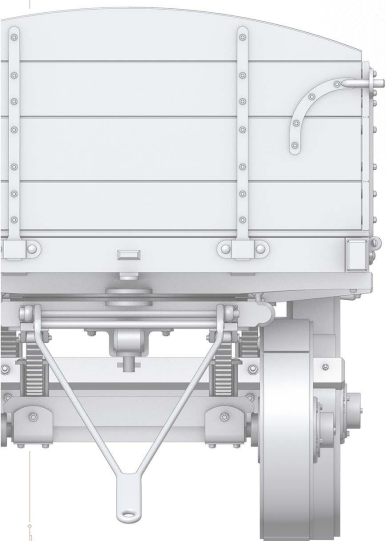
01	CLAYTON & SHUTTLE	02	WORTH.L
03	CLAYTON & SHUTTLE	04	WORTH.L
05	LINCOLN ENGLAND	06	CLAYTON
07	LINCOLN ENGLAND	08	CLAYTON
09	& SHUTTLEWORTH	10	LINCOLN.
11	& SHUTTLEWORTH	12	LINCOLN.

ScaleX SX-35002
Traction Engine Wagon Trailer

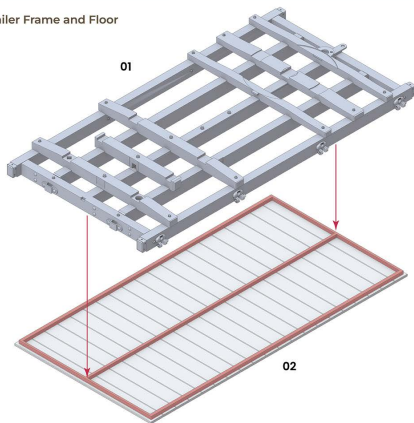
SYMBOLS USED IN INSTRUCTIONS



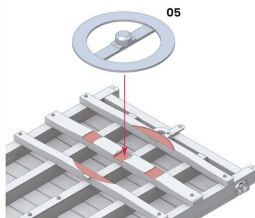
MODEL ASSEMBLY



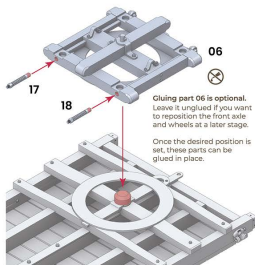
1 Trailer Frame and Floor



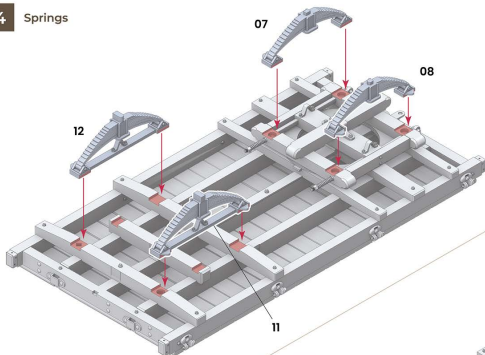
2 Pivot



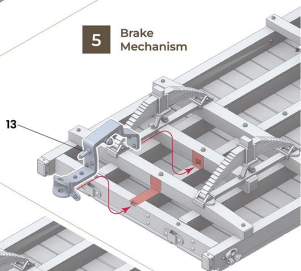
3 Bogie



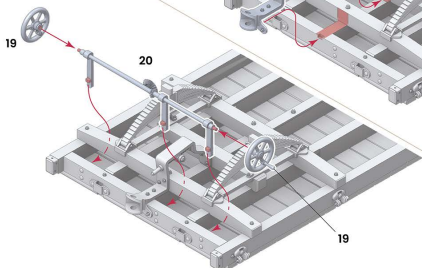
4 Springs



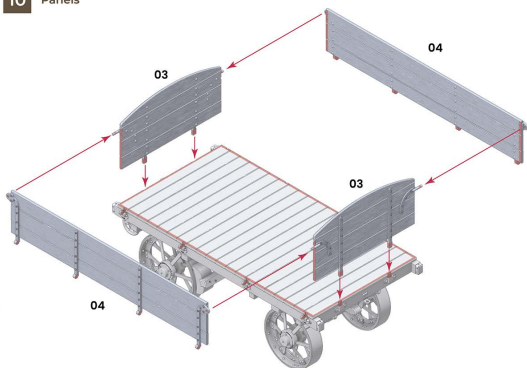
5 Brake Mechanism



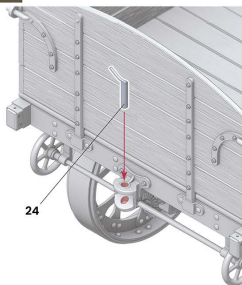
6 Brake Winch



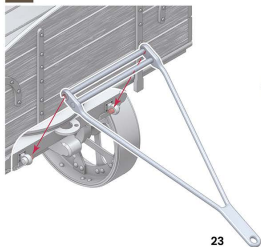
10 Panels



11 Tow Pin



12 Tow Bar



⊗ Gluing part 23 is optional.
Glue after positioning the tow bar at the desired height, or leave it unglued.

PAINTING GUIDE





Olive Green / Maroon

The colour references in this section are based on Colour Scheme A. Parts that differ between the two colour schemes are marked with two colours ■ / ■ in the legend, indicating the available colour options.

The colour schemes shown in the Builder's Guide are not the only possible options. Historically, these trailers were often repainted by their owners and could appear in a variety of colours. Feel free to choose a different colour scheme or create your own finish.

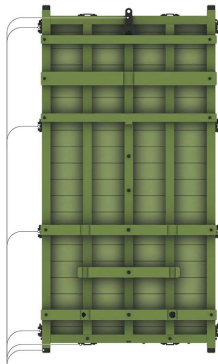
1 Trailer Frame and Floor



Olive Green / Maroon



Dark Metal



Gloss Black

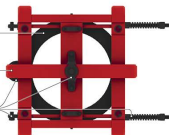
2,3 Pivot, Bogie



Dark Metal

Red

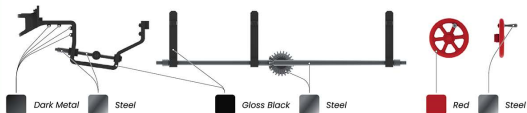
Gloss Black



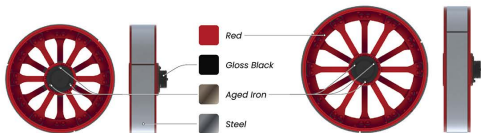
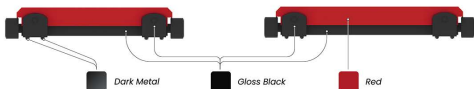
4 Springs



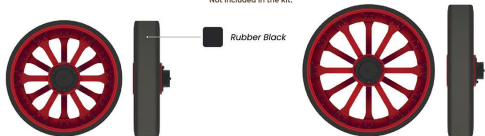
5,6 Brake Mechanism, Brake Winch



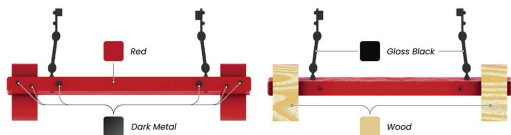
7 Axles and Wheels



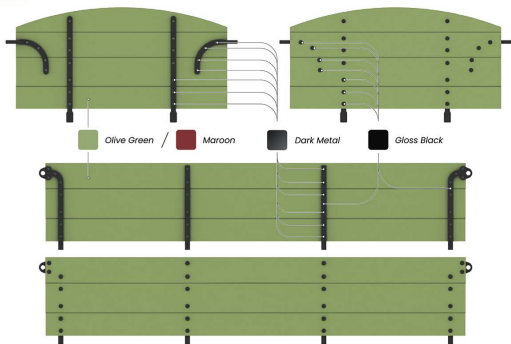
Painting Reference — Optional WS-35002 Wheel Set
3D-printed resin wheels with rubber-look covers, available separately from SteamX as an optional add-on.
Not included in the kit.



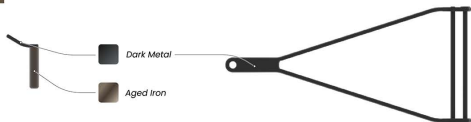
8,9 Brake Ties and Brake Arm



10 Panels



11,12 Tow Pin, Tow Bar



REFERENCE COLOURS

Colour	AK 3GEN Acrylics	Mr. Hobby Aqueous
 Olive Green	AK11149 + AK11147 Mix Ratio 2:1	H422
 Maroon	AK11096	H466
 Red	AK11089	H23
 Gloss Black	AK11029	H2
 Dark Metal	AK11212	H18
 Steel	AK11210	H8+H18
 Aged Iron	AK11198	H76
 Wood	AK11030	H27
 Rubber Black *	AK11027	H77

*** Optional colour**

Required only for painting the rubber-look covers on the 3D-printed resin wheels from the W5-35002 add-on. These wheels are available separately and are not included in the kit.

Colours and colour schemes

The colour schemes shown in this guide are based on historical examples. Trailers were often repainted throughout their working life, so other authentic colour combinations are possible.

Adjust the final finish to suit the desired condition of the trailer. Working examples may benefit from a more weathered and subdued appearance.

Painting Philosophy

The colours shown in this guide are indicative only. Different paint combinations, mixing ratios, and finishing techniques may produce varied and often more realistic results than the use of single base colours alone.

We encourage you to use the paints and techniques you trust most to achieve the desired appearance.

PARTS REPLACEMENT

If any parts are missing or damaged, please scan the QR code below to access the replacement parts request form.

Please include the kit name, SKU number, and photographs of the affected parts when submitting your request.



<https://scalex.art/en/contact-us/>

ABOUT STEAMX



SteamX is a dedicated division of ScaleX focused on the research, development, and production of historic steam engine models for scale modelling enthusiasts and collectors.

 shop.scalex.art  [/ScaleXart.ua](https://www.facebook.com/ScaleXart.ua)  [/ScaleXart.ua](https://www.instagram.com/ScaleXart.ua)

 info@scalex.art  [@ScaleX-art](https://twitter.com/ScaleX-art)  [/ScaleX-art](https://www.youtube.com/ScaleX-art)

© 2026 SteamX / ScaleX. All rights reserved.
Produced in collaboration with David and Amanda Jones.

Original research, design, and model development by David and Amanda Jones.

Executive production by SteamX.

Colour Scheme A — Olive Green Finish

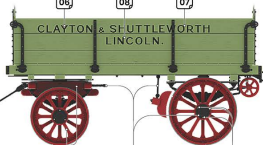
Decal Placement & Final Appearance

For detailed painting instructions and colour references, please refer to the Painting Guide section.

Olive Green Gloss Black Dark Metal



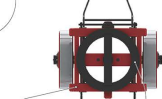
06 08 07



Dark Metal Red Gloss Black Aged Iron Steel Aged Iron



Olive Green



Gloss Black



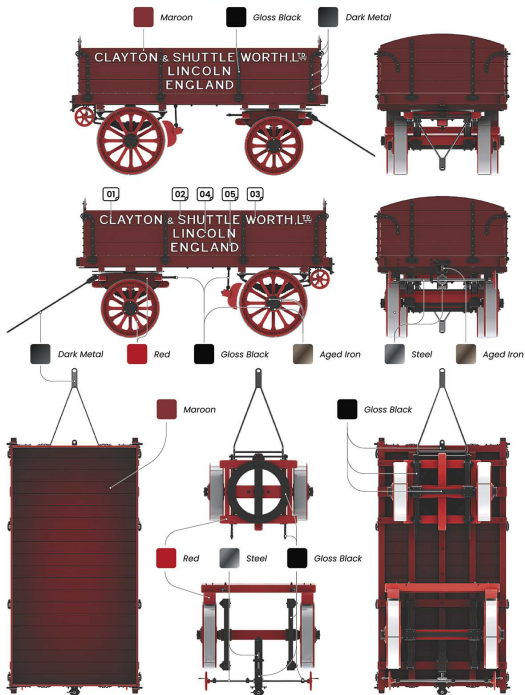
Red Steel Gloss Black



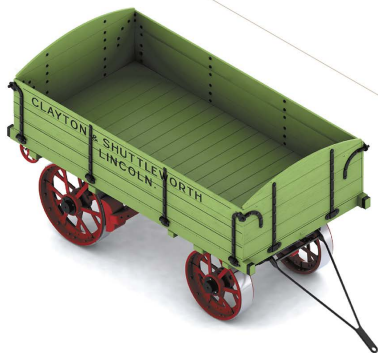
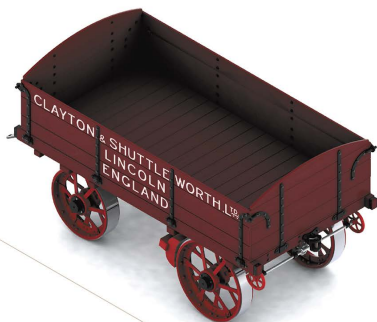
Colour Scheme B — Maroon Finish

Decal Placement & Final Appearance

For detailed painting instructions and colour references, please refer to the Painting Guide section.



FINISHED MODEL



THE HERITAGE COLLECTION • 2026



The Traction Engine Wagon Trailer is designed to complement SteamX's 1901 Burrell Compound Traction Engine (SX-35001), available separately. Together, they evoke the steam-powered road haulage of a changing era.

Traction engines hauled goods for farms, contractors and businesses, often with one or more trailers in tow. Pair the trailer with the Burrell, or use it to bring a touch of working history to tractor dioramas from the First World War era onward.

**1:35
SCALE**



Traction Engine Wagon Trailer
SX-35002



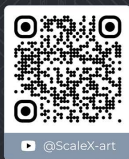
1901 Burrell Compound Traction Engine
SX-35001

**1:16
SCALE**



1901 Burrell Compound Traction Engine
SX-16001

**THANK YOU FOR
CHOOSING STEAMX**



Visit ScaleX official YouTube
channel for product reviews and
assembly videos

© 2026 SteamX / ScaleX. All rights reserved.
Produced in collaboration with David and Amanda Jones.

Original research, design, and model development
by David and Amanda Jones.

Executive production by SteamX — a dedicated division of
ScaleX devoted to bringing historic steam engines to life
in scale form.