



WELCOME TO YOUR

Fulgurex News

◆ *Our Latest News:*



Our new premises in Rolle are ready to welcome you!

Dear enthusiasts, dear friends of the House,

We are pleased to welcome you back for this new edition, dedicated to discovery.

Today, we are delighted to unveil our new model: the Swiss electric locomotive BTB Fc2x2/2, now available. The result of highly precise workmanship, this creation embodies the exacting standards and craftsmanship that define each of our productions.

We invite you to discover this exceptional piece, and we sincerely thank you for your loyalty and trust.

We wish you an enjoyable read.



In this newsletter, you will find:

New projects, fairs, exhibitions, and much more !

Now available!

THREE-PHASE ELECTRIC LOCOMOTIVE
SWITZERLAND
BTB FC 2X2/2

H0
1/87^e



We are pleased to confirm the immediate availability of this new model. The first shipments to our pre-order customers have already begun.

A creation that faithfully reflects the exacting standards and craftsmanship that define every Fulgurex piece.



- Réf. 2283 | BTB Fc 2x2/2 (Ce 4/4) n° 3, green, c. 1915, short body.

@fulgurex_precision_models | info@fulgurex.ch

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#02/06

FULGUREX is proud to offer this historic locomotive, never before reproduced.

Entirely handcrafted, this exceptional creation is strictly limited to **100 units**.

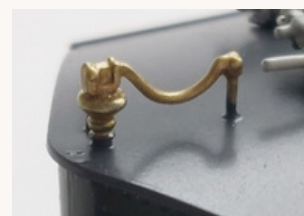
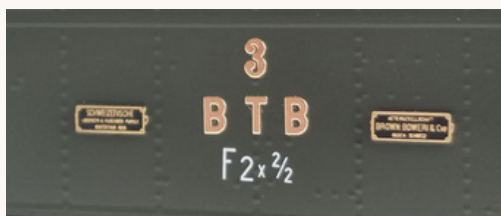
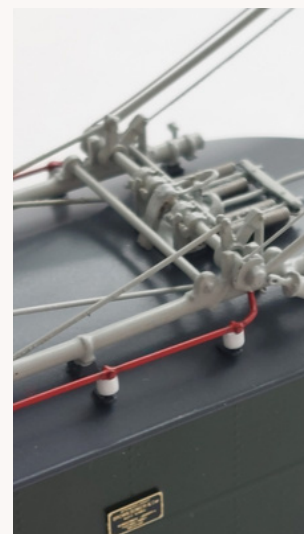
Each locomotive is equipped with a state-of-the-art **LokSound Micro V5 decoder** and stands out with an outstanding level of detail, enriched with numerous refinements faithful to the Fulgurex spirit.

The minimum curve radius required is **R2 (420 mm)**.

Station	Kilometer	Höhen der Stationen über Meer.
BURGDORF	192	199
Sternhof (Haltepunkt)	181	200
Überburg	170	200
HASLE-RÜFSCHAU	157	200
Scharnhausen	138	200
Bigenhölz	127	200
Werklingen	116	200
Biglen	105	200
Grossschäferstein	94	200
KONDLINGEN	83	200
Salden-Dorf	72	200
Obendiesbach	61	200
Brenzlikofen	50	200
Heinberg	39	200
Sternburg	28	200
THUN	17	200



Réf. 2284 | BTB Fc 2x2/2 (Ce 4/4) n° 4, green, c. 1929, long body.



strictly limited to 100 pieces !

To ensure the availability of one of these exceptional models, we invite you to contact us as soon as possible: info@fulgurex.ch

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#04/06

Now available!

THREE-PHASE ELECTRIC LOCOMOTIVE
SWITZERLAND
BTB FC 2X2/2

H0
1/87^e



A glimpse into history...

Commissioned in 1859 by the Swiss Central Railway (SCB), the Berthoud–Thun line—renamed BTB in 1899—linked Berthoud to Thun via Konolfingen, and was later extended to Olten.

From its inception, it stood out for its three-phase electric traction system, supplied via overhead line at 750 V – 40 Hz, making the BTB, from 1899 onwards, one of the first electrified railway lines in Switzerland, over a 40 km route.

In 1910, the BTB ordered from Brown, Boveri & Cie. (BBC) and Schweizerische Lokomotiv- und Maschinenfabrik (SLM) its first major locomotive: the Fc 2x2/2, a three-phase electric machine considered one of the earliest forms of the “crocodile” type in Switzerland.

While its appearance recalls certain Italian locomotives from the Simplon route or the Fb 3/5 units of the Swiss Federal Railways (SBB/CFF), its design was simpler and entirely unique, featuring two motors driving the bogies via coupling rods—an efficient and innovative solution for its time.



With an output of 580 hp (425 kW), it was capable of hauling 170 tonnes on gradients of up to 25 ‰ at 60 km/h, without imposing excessive mechanical stress.

The second locomotive, No. 4, was even lengthened to accommodate the installation of a standard pantograph and to allow for future adaptation to the electrical system of the Swiss Federal Railways (SBB/CFF).

Additional details !

BUGATTI WLG RAILCAR
- 400 PS

HO
1/87^e

FULGUREX is pleased to announce the launch of its new model: the Bugatti railcar WLG - 400 hp in HO scale (1:87), a flagship piece for collectors and railway modelling enthusiasts.



We have received many questions about this model. Here are some key answers:

- Minimum curve radius: For all versions, the minimum radius is **R3 (483 mm)**.
- Number of motors: In line with the prototype, the model is fitted with **two motors**, located in the bogies.
- Livery of the AL network versions: This aspect proved to be a genuine challenge, as available sources are limited to black-and-white photographs, while Bugatti archives remain extremely scarce on the subject. We therefore called upon specialists and historians, who kindly supported us in this research.
 - For the short version (Art. 2288): dark green / light grey.
 - For the extended version (Art. 2290): light metallic grey / white / Bugatti blue lining.

Where do we stand today? *The technical drawings have been approved, and prototype production has begun. We are currently finalising the livery schemes, which will be presented to you shortly, and are now actively working on the sound design.*

With our best regards from Rolle. The Fulgurex Team !

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#06/06