

International Edition

Cost-free,
electronic magazine
for railroad enthusiasts
in the scale 1:220
and Prototype

Trainini

German Magazine for Z Gauge

www.trainini.eu

Appears monthly
no guarantee

ISSN 1867-271X



Ready for the island

Report from the International Toy Fair
Small series manufacturers' plans

Introduction

Dear Readers,

Sometimes model railroads are shown at various exhibitions, which do not fit into the usual view of our beautiful hobby, but radiate a certain different charm.

The respective builders are usually separate from all conventions and create their own small, but special, worlds.

Then it may well happen that, only occasionally, but, let's be honest, rather rarely, a moving element from a dark corner of the plant emerges. A train! It's a railroad!

In this way, these exhibits are first and foremost an exquisite and consistent landscape design.

The viewer is often so captivated by the small scenes that the already mentioned "standstill" only becomes noticeable after some time. There is "so much" to discover in these layouts.

If then, as in our case, a "Schweineschnäuzchen" (pig nose) in a quite unusual colouring approaches a pier, so they have now arrived in the small world of the layout "Kniephaven."

For the first time, this North Sea factory and its annexes will be shown in a German magazine. Let's go... No, Off! Or better: Get rid of the leash!

But we do not want to throw the anchor so fast into the Z gauge by the sea, but to continue sailing directly to Nürnberg for this year's Toy Fair.

For **Trainini®**, as in the many previous years, Editor-in-chief Holger Späing extensively visited the exhibition stands and reports on the new items in the scale 1:220. New tools, design materials and accessories, some suitable for various track widths, were, of course, included.

Finally, we would like to look at the new items 2018 from the small series manufacturers, which are gaining more and more importance and coverage in this magazine. But also, what is not yet to be found and, at best, implied deserves attention: the curtain will soon be lifted, because, as the meeting in Altenbeken occurs soon, and traditionally, many new items are presented or demonstrated in Altenbeken for the first time.

In this context, the last part of the messages failed this time. The number of letters received by the reader alone is extensive. For this we thank cordially, it is for us editors an important connection to you, our readers.

Now I wish you much pleasure with the current issue.

Her-Z-lich,

Dirk Kuhlmann



Dirk Kuhlmann
Editor

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Date of publication of the German language version of this issue: 26 February 2018

Cover photo:

The Borgward LT 4 of SVG is ready to go on the investor of Kniephaven, to take tourists from excursion boats and to transport them in the direction of their accommodation. The beautiful model comes from Z-Modellbau.

Impressionen from the North Sea

Welcome to Kniephaven

The silence, the yearning, the freedom, the sea and a track lost in the wide dune landscape are the ingredients for a small wangerooze in the rough North Frisian Sea.

What sounds so contemplative here, unfortunately, no longer exists in reality today. Sylt introduced its rail transport (1,000 mm gauge) in 1970, Amrum (900 mm gauge) in 1939! On some East Frisian Islands alone, the narrow gauge traffic has been able to keep operating today with a high utility value.

Let's just assume that the railroad technical history would have been different on the two above mentioned islands. The people may, by the way, take out this freedom at any time and build up its plants more or less according to the model. Consequently, a fictitious history must justify the continuation of the railroad:

The S.V.G. (Sylter Verkehrs-Gemeinschaft) had already taken over the almost bankrupt Amrum's operations in all areas at the end of the 1930s. Early on, the tourism value of this means of transport was well recognized and promoted. In the fifties the line was even rebuilt in standard gauge, and in the following years locomotives and wagons, coming from the mainland, found a new home. We are now in Epoch III from 1968 to 1974.



“Who knows if decades later not exactly Wangerooze with its historical trains would have attracted railroad friends from all corners of the world?”

Preparation

The island of Amrum provides the scenic starting point of the design, with bonds from the very famous Kniepsand, the sand dunes and the blooming heath areas.



Many other scenes, partly those taken from literature, and also based upon questioning of contemporary witnesses, including their own photographic documentation, complete the harmonious overall picture of a privately held island railroad.



Special thanks to Dr. Sven Rohmann, his childhood memories of the North Frisian Islands of the sixties completed the many common, small everyday scenes. Of course, there is an extensive collection of sketches and plan drawings.

It should also not be concealed that some buildings from the East Frisian area are valid here. The visually wonderful Ostbake auf Wangerooge, which no longer exists, alone supports the appeal of this exhibit.

If the viewer now feels reminded of one of his North Sea holidays, the goal of this special landscaping would be achieved.



The name of the exhibit is derived from the “real” Kniephaven that was located northwest of Norddorf on Amrum. The railroad ended here, the harbour could be used by larger vessels and was used for regular traffic to Sylt. Later, the port was abandoned due to continuous build-up of silt.

The built-out hidden station (70 x 30 cm) on the opposite side has the name “Wittdünn Hafen” and this represents the other end of the line. Here, there can even be an additional part to meet the requirements of the investor for the car ferry on Amrum.



Finally, the part "Blidsel" (100 x 70 cm) was completed, representing again a free interpretation of the southern tip of Sylt.



The intermediate word

If you are missing the usual text passages under the pictures, the real description comes from the photos themselves. Just look at them closely.



Operating concept

The trains consist of railcars of the series VT 133 ("Schweineschnäuzchen" or pig nose), a steam locomotive ML 2/2 with the axle arrangement B, bought from the Dutch state railroad, two-axis Sisk diesel locomotives are on the road, a V 36 (formerly DB), as well as some passenger and freight wagons from various other private railroads.

A Kittel steam-driven car, which was acquired from southern Germany, has recently been available as a reserve. The biggest eye-catcher, however, is always the Borgward Lt 4, the "Sylter railbus."

Cargo handling is quite high for this island, because everything has to be transported in by ship.

Urgent goods often come with the passenger or car ferry. Similar to the smaller ports on the mainland, a little more peace occurs here beginning in September. Only with the arrival of the ferries and cargo ships is there increased activity.



It should be noted that on the dike of the embankment towards Mole the trains are declared as a pure shunting run due to the operating regulations of the railroad. For safety reasons, the freight trains are pushed from behind by the locomotive (in the case of steam engine smoke chamber) to the pier.



Opposite the Wittdünn Terminal station is the small factory of a typical private railroad. Here you will also find the recently re-introduced "rolling bath (changing) cabins" which, as before, go out on the beach to the tourists to Kniepsand (sandy beach on Amrum).

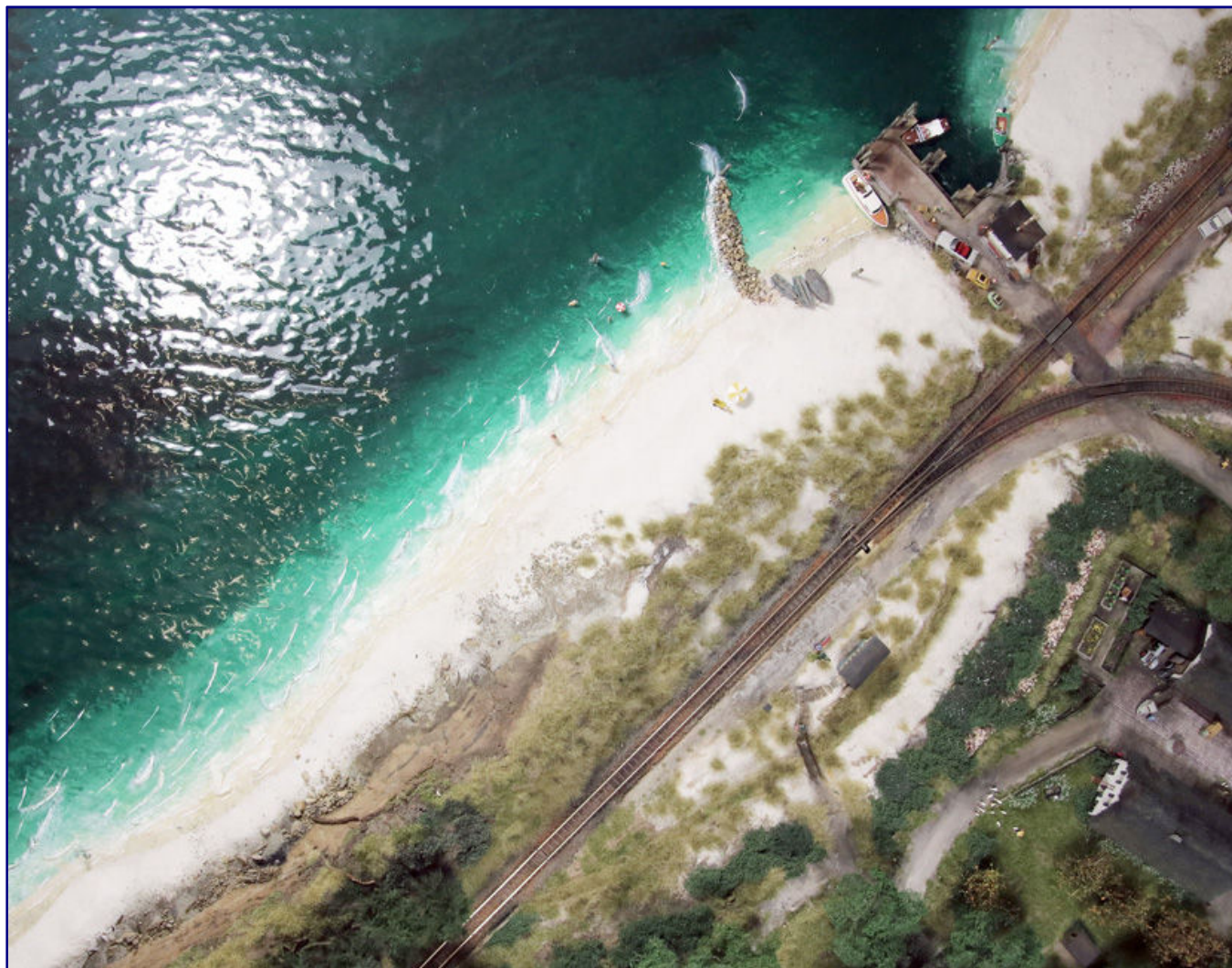


A 600-mm runway, with its depot located directly at the large dike, serves as a means of transport for work on flood protection of the island. On one of the stone dams (designed to be effective against flooding) are the tracks leading towards the Wattenmeer (Wadden Sea).

Track planning, electrical wiring and substructure

The visible track systems are kept simple and clearly arranged by the private railroad. Basically, the track layout corresponds to a turning loop with storage possibilities behind the backdrop and a passage in the direction of the approach areas, the well-designed hidden station, and "Blidsel."

"Drive" the track with your fingers! It is quite incredible what can be done on the move.



By the way, the Märklin track system is used, and the turnouts for optical reasons have under-floor drives. The rails are on 10 mm Beech boards and 3 mm cork strips. The plastic sleepers are painted with leather brown paint; rails and small irons are finished with "rust colour."

The gravel material of Koemo is again the first choice, because of the profile height of the Märklin products, but from the N gauge offerings (diabase-gravel dark, old stones, type DD). Powder colours completed the image of a track system long exposed to the saline air. Jörgen-Entkupplungsmagnete (uncoupling magnets), almost invisible, are installed in various places.

It should be noted that the supply of rolling stock and track for narrow gauge in scale 1:220 is of course, very limited, therefore only standard Z gauge is used here. In the main, the symbiosis between landscape and railroad should be consistent. By the way, the field railroad (Saller & Railex) is not functional.



The system has completely analogue operations through a classic control panel. A switch to digital operations is not foreseen for the modest rail traffic.

Design

Do you remember the East Frisian Harbour Railroad “Helenensiel,” published in Trainini® 7/2013? These experiences naturally flow into the implementation of the new layout. It was based on frame construction with 10 mm thick beech wood, the ground base consists of hard foam plates and wood putty.



Various real earth and sand varieties find their repeated use as a sub-reason for the later electro-statically applied grass.

The materials of "Mininatur", "Polak," "Anita de-Cor" and "Woodland Scenics" are the first choice. Finished landscape mats cannot be used here, because the uniqueness of the specific landscape can be modelled in other ways.

Trees and shrubs are also hand made creations, made with the typical tools, such as wire and even mixed "wood stem colour."



This way the selected region will be highlighted even more visually.

The water design with woodchips, dispersion paints and boat paint has been known to many readers for years. If, however, with a little illusion painting, depth, waves and surf are faked and everything is sealed with a few layers of the very high-gloss lacquer, the impression at an optimal viewing angle of the layout is already considerable.

Buildings

Since most manufacturers prefer the southern German buildings, "kit bashing" or even complete scratch building is the only possibility for this North Sea theme. The inclined hobbyist can no longer complain about the basic choice of kits at the present time, but also in the scale 1:220.



The design of the “thatched roofs” is, of course, noteworthy. Kibri workers' houses are generally the basis, and the roofs are lengthened slightly with plastic plates and the ridge is rounded. A filler paint is applied to the roof surface and then coated with an ochre dispersion paint. The reed is nothing more than 2 mm grass fibres applied with an electrostatic device.

Grey and brown colours, in the “Drybrush” process, provide a weathered result. Some homeowners may now be able to place buckets in the rooms.

One of the most characteristic buildings on the site is the Bock windmill from Archistories. The prototype was once in Toftum auf Föhr. In the end, buildings of plastic, resin, metal, wood and hard cardboard are used here. A final delicate painting and aging do not allow the original materials to come into the foreground, and a certain total harmony occurs.



Background and lighting

Kniephaven is again a layout on the viewing-box principle. This closed system is quickly built up and also protects the layout. A panoramic picture drawn on both sides with typical scenes of Northern Friesland gives a fine and very bright layout design.



For realistic illumination a fluorescent lamp with daylight temperature as well as side-mounted LED strips are used. The attachment parts are also illuminated accordingly. It should be noted that due to the many green and yellows in the landscape a light colour of 4000 k is used to soften the famous colour cast.

Rollmaterial und Schiffe

Three manufacturers from the small series sector should/must be mentioned here, who would like to take the challenge of making one-off items for this layout.



Dr. Scheibe builds and transforms in an inimitable way his well-known, fine products, such as the extremely popular "Schweinschnäuzchen" (pig nose; VT 133) into a typical vehicle of the S.V.G. or the Borg-Ward LT 4.



This also applies to Mr. Besenhardt with his wonderfully detailed Kittel steam railcar, which first appeared in the year 2015. The vehicle in blue-beige colouring will probably take some getting used to, but also it is unique and fits into Kniephaven.



Third in the league is Mr. Peter Nolan from the United States of America. What he produces as a long-term ship modellers, does not really need any more words-here pictures say everything! The crab cutter or even the Amrum car ferry in the correct scale 1:220, built of plastic and metal according to the corresponding prototype.



Final word

With Kniephaven in its final stage of expansion, the journey to the German North Sea is now complete. At the ONTRAXS! 2017 in Utrecht, this exhibit could be viewed for the first time to its full extent.



360 cm in scale 1:220 are not exactly a little model train. Many visitors viewed the layout, and thus the scale 1:220 showed its greatest strength: credible wide landscapes, paired with a small amount of track.

Corresponding websites:

<http://www.archistories-shop.de>
<http://www.helenensiel.com>
<http://www.koemo.de>

<http://www.nscaleshps.com>
<http://www.n-tram-shop.de>
<http://www.z-modellbau.de>

Grenzenloser Modellbahnspaß in 1:220

**7. Internationales
Spur-Z-Weekend**



ALTENBEKEN

14. und 15. April 2018

Samstag: 10.00 - 18.00 Uhr

Sonntag: 11.00 - 17.00 Uhr

Eggelandhalle, Gardeweg 8

33184 Altenbeken



Z-Freunde International e.V., Moselpromenade 34, 56856 Zell/Mosel

www.z-freunde-international.de

Note for English readers: The literature section that follows is not translated into English because the original text of the books involved are in the German language. The original German is left here for information purposes only.

Alte Elektrolokomotiven 1968 bis 1988 Heuwender und andere Fossilien

Schon der erste Band, der die für Reisezüge vorgesehenen Baureihen 104 bis 145 behandelte, wusste uns zu begeistern. Nun liegt auch der Folgeband für den Güterverkehr vor, der, beginnend bei der Baureihe 152, die Altbaulokomotiven bis zu den deutschen Krokodilen behandelt, ohne einen Stilbruch zu begehen. Nahtlos schließt er an, wo Teil 1 endete und vollendet das Wissen seines Lesers.

Frank Lüdecke
Die letzten Altbauelloks der Deutschen Bundesbahn
Band 2: Die Baureihen 152, 160, 163, 169, 175, 191, 193, und 194

EK-Verlag GmbH
Freiburg (Breisgau) 2017

Gebundenes Buch
Format 29,7 x 21,0 cm
248 Seiten mit 408 teilweise farbigen Abbildungen

ISBN 978-3-8446-6027-2
Best.-Nr. 6027
Preis 49,90 EUR (Deutschland)

Erhältlich direkt ab Verlag
oder im Fach- und Buchhandel

Schon der erste Band dieses Zweiteilers über die elektrischen Veteranen aus der Länder- und Reichbahnzeit entpuppte sich als wertvolle Quelle hilfreichen Wissens für jeden technikbegeisterten Eisenbahnfreund oder auch Modellbahner.

Wer sein 40. Lebensjahr noch nicht überschritten hat, hat die im nun vorliegenden, zweiten Buch vorgestellten Maschinen vermutlich gar nicht mehr im Planbetrieb wahrgenommen, zumal ihre Einsatzgeschichte auch stark auf den Süden beschränkt blieb. Ausnahmen sind Läufe der Baureihe 194 bis ins Ruhrgebiet oder auch eine kurzfristige Beheimatung der Baureihe 191 als Verschublok im „Revier“.

Und so taucht Autor Frank Lüdecke mit dem Leser wieder ein in eine Zeit, in der noch kreisende Treibstangen und Blindwellen, bewohnte Bahnwärterhäuser, Blumenkästen an Bahnsteigen und Dienstgebäuden, dreiachsige Umbauwagen und rustikale Führerstände zum Alltag vieler Menschen gehörten.

Diese zweite Dokumentation widmet sich den Baureihen 152, 160, 163, 169, 175, 191, 193 und 194 der DB und damit einigen Vorbildern, zu denen es entweder Spur-Z-Modelle gibt oder diese auf den Wunschlisten der Zetties stehen. Der thematische Schwerpunkt liegt wieder auf dem Zeitraum zwischen 1968 und dem Einsatzen im Jahr 1988.



Das bedeutet folglich nicht, dass alle jemals geschaffenen Altbau-Konstruktionen in diesem Buch behandelt werden! Beispielsweise die Baureihe E 95 befand sich im fraglichen Zeitraum nicht mehr im Dienst und wäre hier also vergeblich zu suchen. Der Fokus richtet sich auf eine Zeit, die im Bereich der Modellbahn als Epoche IV definiert wird. Viele Erkenntnisse sind sicher auch für die noch beliebtere Epoche III verwertbar.

Ziel des Titels ist ein angemessenes Erinnern an die Altbau-Elektrolokomotiven der Deutschen Bundesbahn, die uns im Rückblick wie Fossilien der Technikgeschichte vorkommen müssen. Im Vergleich zur modernen Traktion werden die immensen Fortschritte im Ellokbau nur allzu deutlich; kein Wunder, liegen doch die Ursprünge der im Buch behandelten Baureihen teils über 100 Jahre zurück.

Der Stangenantrieb vieler dieser Baureihen zeigt die Nähe zur Antriebsweise der Dampflok, der wuchtige Vorbau ebenso vieler Vertreterinnen spricht eine heute nicht mehr bekannte Formensprache. Elektrische Rangierlokomotiven erwiesen sich eher als Irrweg und so gibt es nur wenige Gemeinsamkeiten zu dem, was uns heute auf der Schiene begegnet.

Frank Lüdecke dokumentiert diese ausklingende Epoche geradezu perfekt mit der Einsatzgeschichte ab 1968, wichtigen technischen und statistischen Daten (Maße und Leistungskennzahlen, Fabrikdaten, Beheimatungen, Ausmusterung und Verbleib). Der Schwerpunkt der Beschreibungen liegt, wie schon beim ersten Teil, auf denjenigen Baureihen, zu denen kein EK-Baureihenbuch angeboten wird.

Bekannt gut ist auch die Qualität des umfangreichen Bildteils, zu dem viele bekannte Bildautoren geeignete Motive beigesteuert haben. Motivwahl, Bildqualität und die reproduzierte Wiedergabe erfüllen dieselben hohen Ansprüche wie wohl jeder andere Band aus Freiburg, den wir bislang vorgestellt haben.

Damit wird dieses Werk auch zu einer geeigneten Informationsquelle für alle diejenigen, die sonst vor dicken Baureihenportraits mit ausführlichster Entwicklungs- und Einsatzgeschichte zurückschrecken.

Verlagsseiten und Bezug:
<http://www.eisenbahn-kurier.de>
<http://www.ekshop.de>

Reise auf der Marschbahn

Zurück nach Westerland

Die Fahrt über den Hindenburgdamm wurde stets als Erlebnis der besonderen Art dargestellt, unabhängig von der Bespannung der Züge durch V 200, die Baureihe 218 oder auch die Ödampfer der Baureihe 012. Unvergessen bleiben zudem die Leichtbautriebwagen der Sylter Verkehrsgesellschaft, die auf einem umgebauten Borgward-LKW basierten. Im vorliegenden Buch gibt es ein Wiedersehen mit vielen Bekannten.

Manfred Diekenbrock und Daniel Michalsky

Die Marschbahn

Auf Kursbuchstrecke 130 unterwegs zwischen Altona und Sylt

Sutton Verlag GmbH

Erfurt 2017

Gebundenes Buch

Format 24,0 x 17,0 cm

128 Seiten mit ca. 164 überwiegend farbigen Abbildungen

ISBN 978-3-95400-852-0

Preis 20,00 EUR (Deutschland)

Erhältlich direkt ab Verlag

oder im Fach- und Buchhandel

Westerland auf Sylt ist mehr als nur ein beliebter Urlaubsort und das seit Jahrzehnten! Für Eisenbahnfreunde gehört auch die Marschbahn von Hamburg über den Hindenburgdamm untrennbar zur Faszination, die Deutschlands Insel an der Grenze zur Dänemark ausmacht.

So oder ähnlich muss es auch Daniel Michalsky und Manfred Diekenbrock gegangen sein, als sie die Arbeiten am vorliegenden Titel aufnahmen. Privat oder beruflich hat es beide schon nach Sylt verschlagen, wegen der Liebe zur Eisenbahn liegt hier die Quelle der im Buch gezeigten Aufnahmen. Verbunden sind sie einander über die Zusammenarbeit als Mitglieder der Eisenbahnfreunde OnWheels e. V.

Zusammen veröffentlichten der studierte Jurist und der pensionierte Lehrer bereits die DVD „Lebendige Eisenbahngeschichte“ sowie zahlreiche Artikel und Zugbegleithefte zum Thema Sonderzugfahrten.

Eröffnet werden die Textpassagen des Buches mit einer Geschichte der Marschbahn, die eng mit dem Ziehen der Grenze zwischen Dänemark und Deutschland wie auch der preußischen Annexion verbunden ist.

Beim Betrachten der 237 km Eisenbahnstrecke (in fünf Etappen) fällt der Blick auch nach links und rechts: Bahnhöfe, Lokomotiven, Züge und Brücken sind Gegenstand der Erläuterungen und vor allem auch Aufnahmen. Obwohl der Fokus eher auf der Gegenwart und jüngeren Vergangenheit liegt, freuen wir uns über Bilder des historischen Betriebs.

Zu diesen gehört auch der Inselbahnbetrieb der SVG mit dem schon legendären Leichttriebwagen Borgward LT 5. Einen großen inhaltlichen Schwerpunkt macht neben den Marschlandschaften neben den Trassen selbstverständlich auch die Reise über den Hindenburgdamm aus.



Über 160 durchweg gut wiedergegebene Fotografien machen das Lesen und Anschauen des Werkes zu einem wahren Genuss. Aber auch Technikfreunde kommen angesichts des dargestellten Betriebsalltags auf ihre Kosten. Doch vergessen werden auch die Freunde musealen Verkehrs nicht – es scheint für jeden Geschmack etwas dabei zu sein.

Dabei erhebt der Titel schon angesichts seines Umfangs nicht den Anspruch einer vollumfänglichen und tiefgreifenden Dokumentation über mehr als hundert Jahre Bau und Betrieb. Hier liegt eine große Stärke nicht nur dieses Buches, sondern vieler weiterer aus dem Sutton-Verlag, die wir bereits besprechen durften.

Die Lektüre wird dadurch erheblich kurzweiliger, teilweise auch bunter, und dürfte so auch der Mehrheit unserer Leserinnen und Leser sehr entgegenkommen. Gelungen finden wir auch die Kurzchronik der Marschbahn am Ende des Buches, die einen Geschichtsabriss nahezu in Stichwortform bietet.

Verlagsseiten und Bezug:

<http://www.suttonverlag.de>

<http://www.verlagsgaus24.de>

The trade fair news for our gauge Z

Shrinkage at the Toy Fair

The Nuremberg 69th Toy Fair, which was shortened by one day, from 31 January to 4 February 2018, a trend of the prior years continued. The aisles became wider, and the number of participating model railroad manufacturers decreased. Although all major manufacturers were still represented, the salt in the soup is increasingly lacking with the small suppliers who rely more on direct sales. We viewed, talked to the manufacturers and gathered interesting information about the new Z gauge offerings.

2018 should probably be the last year in the usual line-up. Hall 4a has had to give more areas to other toy segments and has finally become too big for model railroads alone. Next year model railroads will move to Hall 7a, but also about a merger with other model building divisions in Hall 7 or parts of it could occur. But it is a fact that a move is expected.

The latest edition has always offered exciting topics and this began with the opening ceremony on January 30: Still, with its newest Z gauge Model railroad cases, was in the final selection for the Award "Toy Award" in the adult category, which began in Year 11.



The 69th Toy Fair also officially began with an impressive performance at the opening ceremony. Shortly thereafter, the highly anticipated awards of the products and manufacturers followed in different age categories. Nominated this year was a Noch Z gauge model railroad case.

Although the prize ultimately went to Schuco for a remote-controlled model of the VW T1 van, which will be able to drive freely over H0 layouts in the future, it remains a respectable success at all to have come this far. And it also shows us that model railroading and related topics have not been written off.

Märklin would also like to have a decisive influence on this, because licenses soon could be obtained for the soon-to-be-released feature film "Jim Knopf and Lukas the Locomotive Driver." They are likely to be expensive, but also attract attention and hopefully give many children a new railroad, which hopefully will also ensure the continuation of our hobby.



"Emma" runs on track with a 16,5 mm gauge (nominal size H0), but is more likely to be seen as a narrow-gauge machine in O scale. It is part of a starter pack with figures from the main players and the junior locomotive "Molly" that appears at the end of the first band.

Märklin presented the "Island with Two Mountains" at the exhibition stand as a model railroad and next to it the steam locomotive from the original film scenes, at which the railroad administration "1/4 12" is written. This "one quarter before (the number) twelve" refers to King Alfons of Lummerland. With this exhibit and the associated theme, the Göppingen traditional manufacturer had the most attention in Hall 4a.

We hope that the reckoning rises, and that it will take effect beyond the film. Then certainly not only will the new items presented below be well received.

+++ Acrylicos Vallejo +++

New to Vallejo is the colour series "Mecha-Colors" for robotic figures, and also for model-making applications in the field of excavators, hydraulics, and other machines or even cars. In this product segment you can find special metallic shades and various aging agents for authentic operating colours in known Vallejo quality.

www.acrylicosvallejo.com





+++ Artitec +++

The Dutch accessory specialist is operating at an impressive tempo.

Derived from the larger gauges, the caterpillar bulldozer in the scale 1:220 should also appear in yellow (art.-No. 322,019) and the red Massey-Ferguson combine harvester MF 830 (322,018), which was also used in Europe.

Surprisingly, with the load of an AEG transformer (322,021), a perfect looking cargo for the heavy-duty

wagons from Märklin (SSym 46) and trains @ ENKay-Design (SSy 45) was added.

We would not have expected to have a horse and plough (322,023), whose tiny size and filigree can only be seen in direct comparison to the models of the larger scales and a one cent coin.

www.artitec.nl

+++ Artmaster +++

Norbert Schuh also announced Artmaster's new items for Z gauge in Nürnberg. They all are for maritime scenes and complement each other with the ideas of other providers. The sandstone quay wall also includes an integrated stair system down to the water surface.



Bulldozers (image on top left) and combine harvesters are to be available in the near future. Both images: Artitec

The jetty has its prototype in the port of Bremen. In front of it, the engine and a steam tug can be on the road, while the police or customs boat provides for order on the waterways or in cross-border trade.

www.das-kantoor.de



"Horse and Plough" (art.-No. 322.023; in the picture at the far right) in a size comparison to the other track widths and a one cent coin.

+++ Badger Air-Brush +++

Badger also has a similar new item focus like that of Vallejo. "Metalsmith" is the central new item from the United States, and it is also aimed at the reproduction of various metallic shades.

Under the motto "Real metal. Real easy!" have twice as much of the basic liquid with metal pigments and five shades for mixing the desired metal colour, each in 30 ml vials. Those who plan more extensive alterations or who want to have various stages of ageing, can obtain a larger package with 10 filled and two empty vials and three pipettes.

The PU primers we presented last year are now available in further shades: matt pink, matt blue, two skin tones and glossy black.

www.badger-airbrush.com

+++ Beli-Beco +++

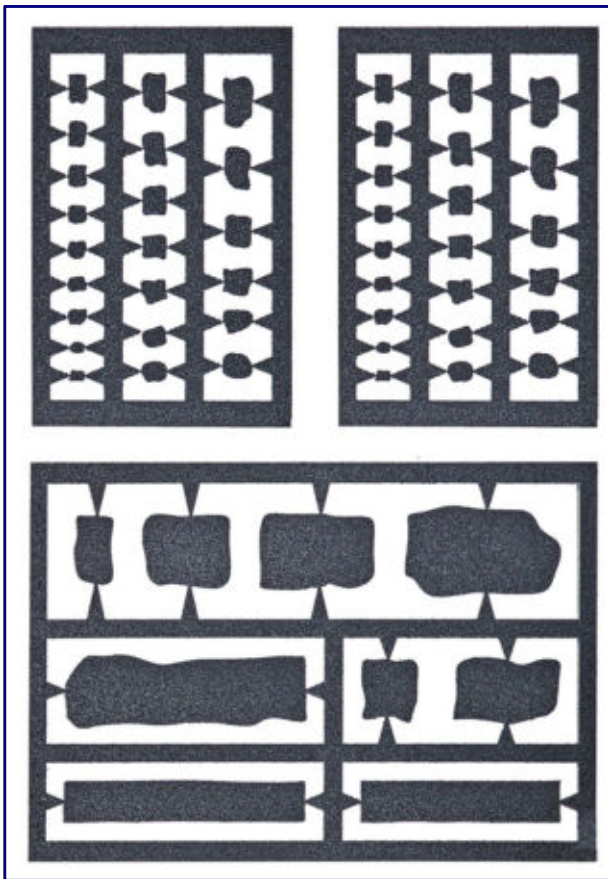
At Beli-Beco, new wooden mast lights with outriggers for sizes down to N were introduced. For scale 1:220, they actually don't seem fine enough for us. However, the offer is that this manufacturer will also meet the needs of Zetties in the event of a corresponding demand.

In addition, Mr. Bräuer explicitly stated in the trade fair interview that the followers of the smallest gauge should be particularly attentive next year, because then there will be something for them again!

www.beli-beco.de



The sunflowers will be reprinted in a pack of 48 copies (art.-No. 9787). Due to actual heights of up to 4 m and possible shortening, the N gauge kit can also be easily altered so that it is suitable for scale 1:220. Photo: Busch



The street Patches (7198) can also be helpful in improving the track-Z traffic routes. Photo: Busch

It can be customized very individually and thus meets ambitious, but also very exclusive wishes. A straight or slanted light box ensures good lighting conditions, the sliding doors are made of safety glass. While the cabinet parts are made of powder-coated aluminium, steel is used for the perforated grid walls.

www.ci-line.com

+++ ESU Electronic Solutions Ulm +++

The new ABC braking range adapter for switch pilot extension (art.-No. 51808) is offered in two versions for four brake sections. The adapter boards are connected to the connection terminals of the aforementioned expansion module and facilitate the construction and the cabling of ABC braking distances clearly.

The technology works with the ESU-V4 decoders (such as LokPilot Micro v 4.0 DCC) and also has increased reliably. The triggering of functions during the stop on the signal and also the operating noise of sound decoders were retained.

+++ Busch +++

The accessory specialist from Viernheim celebrates its 60-year anniversary, after having made its appearance in recent years with innovative and visually impressive plant refinements. And so the newly added 48 sunflowers (art.-No. 9787) for N gauge can also be easily be used for scale 1:220.

The 30 fir-trees (9778) with heights from 40 to 110 mm and the more effective 24 fir trees with root bases (9779), which have heights of up to 135 mm, are inexpensive.

The modeller should not blindly follow the scale recommendations of the manufacturers and make their own conversions and their own evaluations. Also, the thin, self-adhesive Street Patches (7198), which with over 50 copies from 2 to 40 mm in size, allow us to alter our roads to mogul slopes.

www.busch-model.com

+++ CiLine Vitrinen- und Ladenbau +++

For the first time last year, we pointed out these showcases suppliers, who are primarily interested in the owners of retail stores. A new case with perforated wall systems was presented.



The 24 Noble fir trees with root base (9779) serve simple design demands. Photo: Busch

The signal adapter for switch-pilot (51809) allows the connection of light signals in which the cathode is coupled (e.g. Viessmann) to the in-house decoder.

www.esu.eu

+++ Faller +++

The most important new item in the Z gauge programme is the town hall Quakenbrück (art.-No. 282774), which combines the laser cutting technology with the advantages of digital and 3D printing. The cornices, the corner stones and the windows and door frames of the hard-cardboard kit, which contrast with the white façade area of the two-story administrative building, are separately printed.



The Town hall Quakenbrück (art.-No. 282774) including the staircase and the Warrior Monument is the most important new item 2018 for the Z gauge from Faller.

With the new item the 200-year anniversary of the neoclassical town hall of a Lower Saxony municipality is rendered. It is characterised by two-sided staircase, dormer and spire light. In front of the building stands the 3D printed Warrior Monument of a figure on a pedestal.

One of the first navigable cast iron bridges is the Laasan bridge (282916). The structure is marked for road-crossing and consists of five parallel segment bridges that form the structure. Railings and stone abutments complete the model.



An eye-catcher is also the cast iron Laasan bridge (282916), which embodies the architectural style of bygone times.



Large Servo with JR plug (180727) and accessories.
Photo: Faller

We also found the tree programme, although Faller itself sees the products suitable only down to the gauges TT or N. We have orientated ourselves to scale converted heights and we call what is suitable under this aspect also for nominal size Z: 10 (181531), 25 (181532) or 50 sorted deciduous trees (181533) with heights between 35 and 120 mm and mixed forests of the same number (181534 to 181536), where the coniferous trees reach up to 150 mm.

Fir trees of the same quality from 50 to 150 mm height are also available in packages of 10 (181537), 25 (181538) and 50 (181539). Smaller trees from 35 to 90 mm in height include the compositions of 25 mixed forest trees (181540) and 25 firs (181541). As snow-covered specimens are 18 winter firs (181580) with heights from 100 to 140 mm.

In the premium series are packages of three (181170; 70 – 135 mm) or five deciduous trees (181171; 70 – 100 mm/181172; 50-55 mm) among the new releases. In the latter case, two specimens have white or pink flowers.



The 50 sorted deciduous trees (181533) have a height between 35 and 120 mm, which allows them to reproduce the vegetation on a Z scale trees. Photo: Faller

The design material also brings new colours or much-needed material back into the programme: Leafy foliage in the colours light green (181615), dark green (181616), multi-coloured ((181617) and summer green (1818618), reed blades (171015) in bristle form, 8 mm long grass in a four-composition (170769) and 6 mm long grass tufts bright (171395) and dark (171396), as well as grass strips (171397 & 171398).

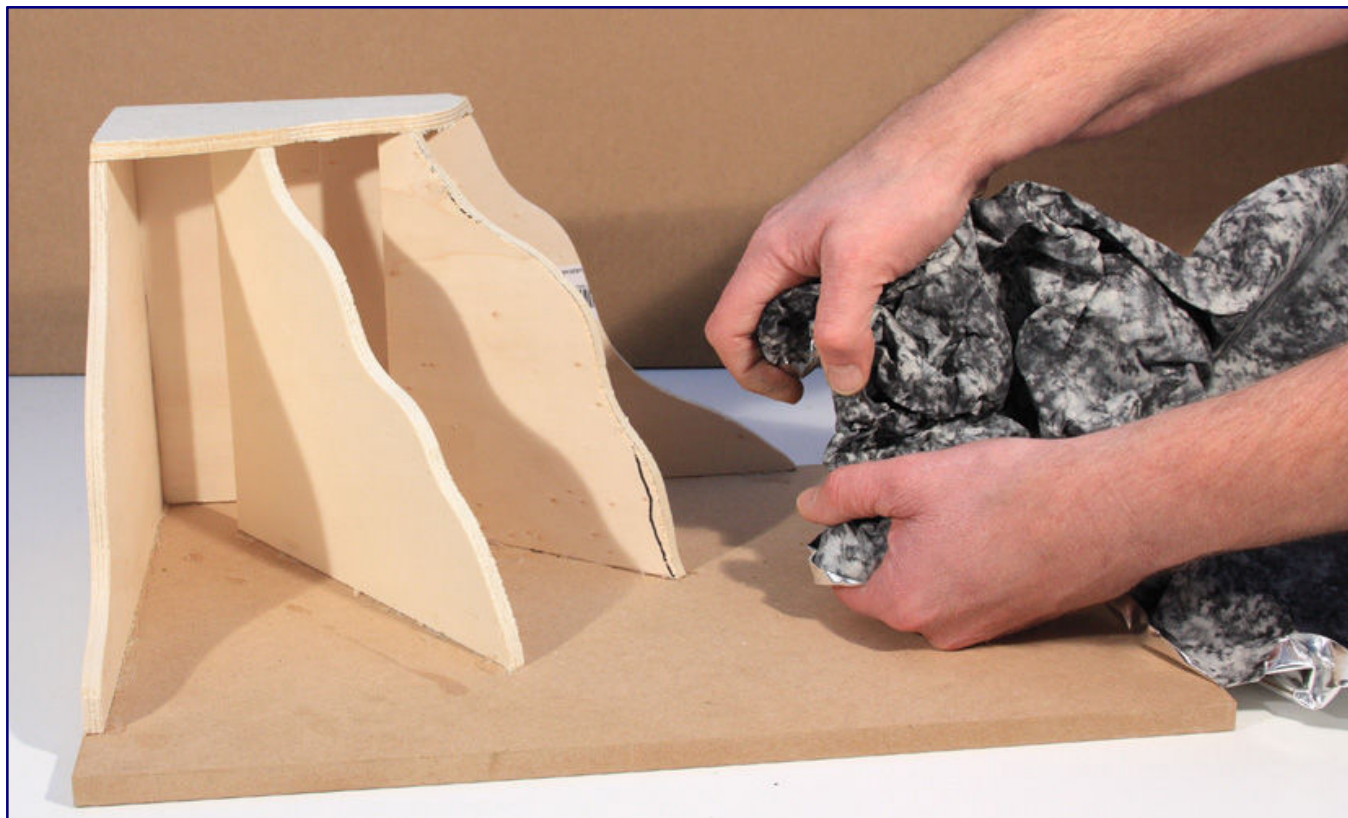
The foliage material “summer-mix” (181388) and “autumn-mix” (181389) are available in five colours, the scattered material charcoal (170301) and beige gravel (170302). For gravel and dirt roads, Faller has put together further scattering materials “quarry stones, granite” (170303), “river stones, beige” (170304) and “dirt track/field” (170305).

Modern drive modules now additionally include a large servo (180727), while the LED illumination sockets with a larger dispersion angle are now available in warm white (180667) and cool white (180668) in Faller’s assortment.

Faller also is offering a large (170546) and a small diorama base (170547) with the external dimensions 408 x 290 x 54 mm or 273 x 200 x 54 mm. The tool range is served with 6 modelling spatulas (170545), (blunt) dosing needles in five sizes (170530), five plastic pipettes (170531) and a grinding block (170532).

For the hobby knife with 20 blades and a soft handle (170540), there are replacements and extensions by alternating blades in the form of straight (170541) and curved scalpels (170542) as well as saws (170543) and fine saws (170544). Each of these is available in packages of five pieces. The suitable cutting mat (170513) has the format Din A6.

www.faller.de



It is so simple to use the new Heki landscaping foil “Form’it” (here art.-No. 3512): Crumple up, pull apart, randomly repeat as needed and put on a scaffold frame, fix it with hot glue – done! Photo: Heki

+++ Gabor Modelle +++

New ideas are probably not the issue with this manufacturer, but the ability to deliver remains the big issue from the customer's point of view. New models or patterns were not shown in Nürnberg, but a complete overview of the plans is provided in the folder „In Vorbereitung“ (“under development”) under the tab for Z Gauge automobiles.

www.gabor-modellbau.de

+++ GamesOnTrack +++

The ultrasonic transmitters of this provider could be reduced to 5 x 5 mm and thus remarkably close to our needs. They offer a locating calibration range of up to five metres.

www.gamesontrack.de
www.gamesontrack.com

+++ Hack Brücken +++

Old bridge models have been partially rebuilt. There were new designs, but they were no longer of interest without concrete orders.

www.hack-bruecken.de

+++ Harder & Steenbeck +++

The airbrush manufacturer from Norderstedt offers an option for individualists to assemble the spray tool according to their individual wishes and to have it manufactured in this configuration as well as the chosen colours. 3,648 combination possibilities result from their offerings, which are also likely to convince the biggest individualists.

www.harder-airbrush.de
www.build-an.airbrush.de

+++ Heki +++

The new landscaping film “Form ' It”, which is available unprinted (art.-No. 3510) or in the designs “sandstone” (3511) and “granite” (3512) to choose from, is as innovative as its manufacturer. The inspired nature of the Rock Replicas, which Atelier Dietrich (see small series manufacturers section) introduced a few years ago as a “kneading rock” has become well established. It was followed by Woodland Scenics and Noch last year with comparable new items.

An essential feature of this design alternative is an aluminium foil, which is unilaterally provided with a textile layer, in order to be able to absorb paints or orders such as plaster. The structure of the film, which is wrinkled and pulled apart again, is used to model rock formations. It requires a supporting framework and at least one final opaque colour as well as a sealing coat.

Each 50 g of grass fibres with a length of 4.5 mm in shades of light green (33501), dark green (33502), autumn colours (33503) and olive (33504) complement the new offerings. The new stone gravels



4.5 mm long grass fibres have been made available in packages of 50 g each in different pure shades, here light green (33501; above) and dark green (33502; below). Photos: Heki

have grits from 0.1 to 0.6 (fine), 0.5 to 1 (medium) and 1 to 2 mm (coarse) and are therefore suitable for scale 1:220 mainly for use away from the track ballast, for example in river beds of mountain streams.

You can choose between the mixtures sand colours (33100/-110/-120), reddish brown (33101/-111/-121), earth colours (33102/-112/-122), grey (33103/-113/123) and black (33104/-114/-124).

www.heki-kittler.de

+++ Herpa +++

The main new item 2018 is the Airbus A350-1000 with six wheeled main landing gear, which is to be delivered as a new model shortly before the middle of the year. The first execution of this stretched version carries the ID F-WMIL and the factory colours of the manufacturer (art.-No. 559171). Due to its model length of more than 35 cm, it is likely to blow up the available surfaces of many layouts and to hover above it as if it is in flight.

Catering vehicles for the Airbus A380, which can also supply its upper deck, were announced and shown as a model. For Z gauge, they may appear to be interesting as base vehicles for scratch built truck construction, including possibly viable base models for the Z-car system of the KK Produkcja.

The aforementioned size problem also applies to the Norwegian Boeing 787-9 Dreamliner "Babe Ruth" (559140) and the Tupolev Desing Bureau Tupolev Tu-144S (559126), which was the first experimental and demonstration aircraft to have nearly production standards.



The Bombardier CS300 "Swiss Romandy/Spruce" of the Swiss International Air Lines (art.-No. 559133), which is part of Lufthansa's subsidiaries, is elaborately designed. I'm sure there's no way to miss it. Photo: Herpa

An earlier epoch is served by the Austrian Airlines Vickers Viscount 800 "Anton Bruckner" (559065). The Eurowings Europe Airbus A320 "Eurowings Holidays" (559157) and the Swiss International Air Lines Bombardier CS300 "Swiss Romandy/Spruce" (559133), which are also registered in Austria, are for contemporary aviation enthusiasts.

For the military models, the Air Force Transall C-160 "50th Anniversary" of the LTG 61 (559201) in a special painting. We have not listed any aircraft whose role models are not or were not found in Europe.



Among the snap-fit models in flight, the Airbus A320 "last Flight" by Airberlin (611923) is particularly noteworthy, which unfortunately has become a rather sad celebrity. Photo: Herpa

Three aircraft of the Russian charter company vim were announced in the segment of the snap-fit models with the Boeing 777-200 (611640), Airbus A319 (611657) and Airbus A320-200 (611664). The Airbus A320 "Last Flight" by Airberlin (611923), which has become a sad reality with the bankruptcy and the end of the second largest German airline, is also included

Herpa has also proposed models of the Boeing 777-8 and 777-9 and other bombers (without naming the model) for the current year.

www.herpa.de

+++ Lenz Elektronik +++

For the LH101 hand controller announced last year (see **Trainini®** 2/2017, page 20), Lenz Elektronik now offers an attractive exchange offer for its predecessors. After 25 years, the central amplifier combination is reworked and the LZV200 joins the race.

Software updates can then be recorded at home via a USB outlet and up to 2,048 magnetic articles can be addressed. 9,999 locomotives with up to 29 functions can be controlled. The address 0 is provided for analogue models. The new product also has an interface for the home computer as well as a Railcom detector and can read CV registers during operation. Voltage and maximum current are adjustable.

The "Silver Mini + v2" was introduced as a new decoder for the small tracks. In its version with cable (art.-No. 10310-03). It certainly also finds applications in Z gauge. Additional options compared to its predecessor are as follows:

- Maximum speed for forward and backward driving separately adjustable (interesting for models with trailing tender steam locomotives)
- Maximum speed can also be adjusted separately for shunting operations
- Operating hours counter for determining maintenance intervals

www.digital-plus.de

+++ Lux-Modellbau +++

The "Staubhexe" (Dust Witch) announced last year is expected to be finished in the autumn of 2018 and will then be delivered. New products relevant to Z gauge were not presented in Nürnberg.

www.lux-modellbau.de

+++ Märklin +++

The Märklin Insider Club is celebrating its 25-year anniversary in 2018.

This anniversary is therefore also commemorated in the trade fair present, which was given to dealers who visited the Toy Fair and ordered from Märklin.

It is an old-style tank wagon with a brake-platform (art.-No. 80128) in what was one of the Toy Fair's most appealing gifts.

After 25 years of club membership customers can order this new product.



This year's trade fair gift in the form of an old style tank wagons with an anniversary design for the Märklin Insider Club (art.-No. 80128) is very appealing.



The Class 01 is only a special model for the Insider Club for the 25-year anniversary of the steel blue paint job. Photo: Märklin

This is a glass tank with the Jubilee logo, closure cork and brake house (86025), the 01 146 of the Deutsche Bundesbahn (88012) comes in a unique fictional edition for all members with steel blue boiler, driver's cab and tender construction. This colouring is based on some machines of the class 0310, which were temporarily painted this colour before receiving the new boiler.

The annual car for the members of the Insider Club (80328) is based on the basic model of the DB sliding roof wagon Hbis 299, which has been available for many years, and bears two Miele advertising statements for use in Epoch IV. Compared to the predecessor from the wagon pack 8215 of 1995, it is painted a stronger brown, which much better fits the model.

The only new form among the spring new items is the Insider Model of the E 41 012 (88353) in steel blue paint. The first models were still in service in the shade defined for the locomotives used for F-trains. This was at the start of the "Knallfrosches" (pop frog) for more than 110 km/h fast electric locomotives, but the border was soon set at 10 km/h higher, which meant for the subsequent E 41s were in green paint.



The only new form new item was the E 41 012 (88353) in steel blue for Insider Club members. The pattern shown in Nuremberg appeared to be ready for production.

With this new item, Märklin closes a big gap, because the E 41 is not only the last electric locomotive of the first generation in the programme, but with a number of 451 copies also one of the most important in operation. In urban transport, it determined traction for almost 50 years.

And the long wait should also be worthwhile for Insider Club members, because the model has some details, which were otherwise only reserved for the small series: fine details, including metal isolators attached to the roof lines, as well as running handle rods separately attached to the guide stand, and free-standing retaining rods rising to the driver's cab, both made of metal.

Despite the statement made at the beginning, however, there are not only pure colour variants in the further new items programme. The recognizable focus is on chassis re-workings, with which many models have been adapted for the new bell anchor motor. This also applies to the 103 107-9 (88544) for Epoch IV, which appears as an MHI edition.

After the last revisions almost five years ago, the adjustment screw for the catenary operation was moved to the inside and the driver's front windshield with silver-coloured frames were upgraded, there are now further revisions: the skylights of the engine room receive window inserts and LED lighting.



For the 90-year anniversary of the Rheingold train, the Class 103 (88544) receives further product care and is re-launched with matching coaches (87269) exclusively for the MHI.

Warm white, direction-dependent headlights are of course further standard; on the roof sit shear pantographs from the early service period of the class 103. This makes it the ideal locomotive for the TEE Rheingold, which appears as a part of the five-piece MHI Wagon Pack (87269).

It consists of two compartment wagons Avümh 111, as well as an open seating car Apümh 121, a view car ADümh 101 and a humpback restaurant wagon WRümh 131 – all painted in the purple-red/beige colour scheme, including around the car corners, which is not yet reflected in the hand-made models shown.

The occasion for this train pack is the 90th anniversary of the first Rheingold, which debuted in 1928 for the Reichsbahn against the luxury trains of the CIWL. This is also reminiscent of a uniquely laid-out train pack (81332), which is composed of a steam locomotive of class 184 and five identical cars from 1990 (8133).

The new drive of the locomotive, its LED lighting, larger buffer plates and the detail controls make the difference. The replica of a locomotive manufacturer's board is part of the train, which is packed in a book cassette.

A small surprise is the new starter pack "Museum Passenger Train" (81871). It includes a track oval, controller with power supply, two Donnerbüchsen (one of them as a red restoration car WRi) and a matching familiar baggage car. Unexpected, however, was an old V 60, which is included as a museum locomotive of the Dampfbahn Fränkische Schweiz to maintain (the locomotive in) Märklin's product line.



Now the V 60 is also undergoing a revision and will be re-launched in a starter pack as a Museum train (81871). Photo: Märklin

With it the second undercarriage with the stationary motor is reworked similar to that of the steam locomotives BR 24/74. However, a flywheel motor for better power consumption is not planned. Apparently, the switcher from the starting assortment of 1972 will continue to serve as an entry-level model.

After the revisions of 2017, the "Beautiful Württemberger" follows as a Class C for epoch I in the 1915 operating state, of course with the proper tender suspension.

The express steam locomotive package includes five platform wagons from the package "Württemberg" (87009) for the K. W. St. E., in which all models are delivered individually packaged, which allows the retailer to sell the wagons separately.



A particular feature of these red and grey passage cars Di wü 04 (2 copies, 4th Class), Di wü 08 (2 copies, 4th Class) and Ci wü 05 (1 copy, 3rd Class) are interior fittings and attached gas containers on the bottom of the wagons.

Also the class 24 with a cross-country tender (88031) now has detailed controls.

In addition to the aforementioned Rheingold, the following Epoch II is still served with a freight train package "DRG Fluid Transport" (82318), two privately-set acid-pot wagons and a private two-axis tank wagon. All three have a brake house. Generously considered, as probably every year, is the most popular



A suitable, four-part car pack is dedicated to the Prussian compartment wagons (87040; picture above) in earlier Epoch III design. Two of the Prussians were converted to 2-axles (pictures at the bottom left and right).

Epoch III. The beginning is an open-area car GL Dresden with Märklin advertising label (82267) in the style of a Leig-unit. From the museum car 2009, the applied repair stains and aging marks were removed.

Since the class 24 tender steam locomotive shares the chassis with 74 as a model, it also benefits from the model updating of that locomotive (88031). It is coupled with the longer tender of the fifties and bears the operating number 24 061.

Märklin's three-axis Prussian is a suitable passenger car. You will now get a paint job in the then usual bottle green, and do not wear the DB's emblem properly. As a special feature of the four-part compilation (87040) with a package wagon, two compartment wagons receive a very effective modification: as with the example, they lose their centre axle.

In between the remaining two axes, Märklin inserted a truss to stabilize the frame of the model. This is how they mutate into a BC PR 21 (2nd/3rd class with Brakeman's compartment) and C PR 21 (3rd class without brakeman's compartment). All three passenger wagons have new interior fittings in common.

The V 200 052 (88203), like the blue-beige sister locomotive from last year, is powered by the bell anchor motor. It is, however, the first Epoch III replica of the locomotive of the first series of Krauss-Maffei, which carried a pointed and thus harmonious V on the front.



The V 200 is converted to the Bell Anchor Drive and appears for the first time as a locomotive from the first Krauss-Maffei-Lot (88203, not yet visible on the pattern). In tow she has the wagons mentioned in the text on the subject of steel transport. Photo: Märklin

Additionally, Märklin presented its various freight wagons with loads from steel production: Wagons R 10 with brakeman's platform and structural steel mats (82102), heavy truck SSym 46 with load T-profile (82341), slightly aged thermal cover (82342) or round profiles (82343). This year, the open freight wagon Omm 52 without a brakeman's platform receives a scrap load (86237).

The four-part car pack "Starkstromzug" (high powered train) (82101) for catenary construction, cable drum (based on the R 10), material storage (ex g 10) and crew car (former Württembergischer through aisle wagon) was received to great enthusiasm after its announcement. The typical construction parts are produced by the laser cutting process and are made of wood.

Since last year the steam locomotive of the class 64, which is now being offered for the first time for Epoch IV (88742), has been remodelled for the bell anchor drive. It seems that this time the front edge of the round and the access ladder are also red.

The heavy diesel locomotive of the DRG Class 232, which is once again installed in a Railion version (88135) of Epoch V, must be satisfied with the old drive. The four-axle container carrier of the type SGS 693 of the Deutsche Bundesbahn (82662) unfortunately misses its epoch by a few years, which is not noticeable in view of the 20-foot sea containers from MSC and Hamburg Süd.



Also without a revision of the drive, the traffic red Class 143 (88437) of the Deutsche Bahn AG, which has the older head form and bears the NVR operating number 91 80 6 143 274-9 D-DB.



Also in the east, E 94 056 (88227) had its home. The "Iron Pig," which also benefits from the reworks of last year, the DR continues the series of Museum locomotives.



Museum locomotive e 94 (88227; Picture above), Easter car (80418; Picture Centre) and Green Cargo articulated tanker (82532; Picture below).

A collector's theme is served by the annual Easter car (80418), the base of which is a heat protection wagon according to association design drawing A2. The Easter design wagon is once again packed in a transparent plastic Easter Bunny, in an Easter basket.

The early spring new items in the field of rolling stock are to be rounded off with remodelling of foreign role models: the V 100 was also in Austria after its service period, where the use of a reliable second-hand machine was temporarily compared with was rated as more favourable. It is assigned the 2048 series (88218) and was painted in the Valousek colour

scheme. The operating status is approximately 1992 (Epoch V).

The colourful articulated tanker wagons of the genus Zacns, which are in the striking and pleasing design of Green Cargo, are come from Sweden and are hired by Ermewa SA. They are delivered in a double pack (82532) with short couplers.

Swiss themes are handled by the "Gotthard Panorama Express" train package (81594) with three panoramic coaches in current Gopex design and a red locomotive of type RE4/4^{II}.



RH 2048 of the ÖBB in Valousek Design (88218) continues the success story of the V 100. Photo: Märklin



Together with the Gotthard Panorama Express (81594), the RE 4/4II appears after its product maintenance, and it will later be converted to the Bell anchor drive. Photo: Märklin

The locomotive also receives a product maintenance and new rail spacers. In the future, it will also be driven by the Bell anchor motor. It can also be used in front of the gas tanker wagons from a Wascosa-composition (82531), which is striking because of the blue base colour and it contrasts with the red of the locomotive.



The Duisburg Harbour Crane (89769) can be seen here together with the new Wagon R 10 (82102), loaded with structural steel mats.

This year's range of accessories is negligible. It is limited to a harbour crane from the Duisburg Inner Harbour (89769), for the loading and unloading of bulk materials. The model can be assembled from a kit, which is made of stained hard cardboard, for Epoch IV.

www.maerklin.de

+++ MBR Model +++

The Polish supplier of fine design materials has added 15 x 15 cm mats to its programme, from which small shrubs varying sizes can be plucked. They are offered in dark (art.-No. 50-5001) and light green (50-5002) as well as yellow (50-5003), white (50-5004), blue (50-5005), pink (50-5006) and blooming violet (50-5007).

New grass mats are available in sizes L (20 x 30 cm) and XL (30 x 30 cm) and fibre lengths from 2 to 4 mm and 4 to 8 mm in length. The latter are only partly usable for the Z gauge and would have to be shortened in some instances. We therefore only count the shortest version in the two sizes: 1L (55-0001) / 1XL (50-1001), 2L (50-0002) / 2XL (50-1002), 3L (50-0003) / 3XL (50-1003), 4L (50-0004) / 4XL (50-1004) and 5L (50-0005) / 5XL (50-1005).

Unfortunately, the product names do not allow conclusions on the multi-coloured compositions of the fibres used. On the manufacturer's website, however, they can be easily judged and then individually selected for the customer's specific needs.

www.microrama.eu

+++ Microrama Model Decor +++

This manufacturer from France has already surprised us with his impressively realistically implemented grass laying and greening with the electrostatic device, which outperforms the products of almost all other manufacturers.



The difference to other electrostatic techniques is the ionising resin, which is seen here as a black layer on the test strip. It is now also possible to produce trees, which can be made in the same way. Photo: Microrama Model Decor

There were also demonstrations this year and significant difference to other products are the ionising-resin underground and the well-conductive fibres ("Magigras"), which allows the use of a spray adhesive, and also with several layers different fiber colours can be applied on top of each other so that they appear to grow to a prototypical height.

New trees were introduced that consist of the same material as Magigras and continue the revolution in the design. There are still Magifloc (flakes) and Magiflor for the reproduction of flowers and leaves.

www.microrama.eu
www.microrama.online

+++ MKB-Modelle +++

The four-track platform Hall Stern Hill (art.-No. 220224) from last year's new items became available at the Toy Fair. This kit is intended for larger installations with urban motifs and is not only an eye-catcher there, but also invites you to observe the views through the large station windows and allows a view of the platforms.

www.mkb-modelle.de

+++ Modellbaukompass +++

Since Heinz Wagner has not been able to obtain colours for a long time, he has opted for the changed company name "Modellbaukompass." In addition to model making and the range of colours offered, it offers, for example, orientation (and advice) for the furnishing of domestic varnishing bays places including training courses.

New in the offer are two books on demanded modelling themes, which can also give help to model railroad friends. For realistic landscaping (in military model building), this is the English-language title "Landscapes of War" with step-by-step representations and contrasts of model and template – both of which blur the reader's amazement.

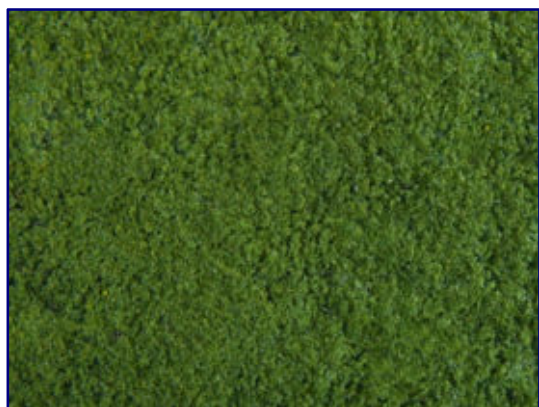
In the band "Rust & Chipping" The reader is also guided step by step, but here on the topic of the patina. However, some techniques for realistic ageing and signs of wear can certainly also be adapted to Z scale.

Under the brand Gabbert + Wagner, the popular and proven Triplex sprayers have been manufactured in Germany for some time now and are also sold here. The permanent discount for **Trainini®**-readers in the amount of 10% will be retained for all orders placed in the electronic shop and in whose text the keyword "**Trainini**" is inserted.

www.modellbaukompass.de

+++ Noch +++

New foliage material also helps the model railroader with future landscaping. Fine foliage for the remake of ground coverings, low vegetation and moss is offered in the colours bright (art.-No. 07270), dark (07271) and olive green (07272). The same colours are available for wild grass foliage (07280 to 07282).



Fine foliage in a dark green shade (art.-No. 07271).
Photo: Noch

Shorter fibres have been processed on the meadow foliage in yellow-green (07290), medium (07291) and dark green (07292). The foliage foliage in medium (07300) and dark green (07301) is intended for bushes and trees.

The "mini-start-set landscaping" (60803) with classic building materials such as cork bark, grass mat and Iceland moss is to support the entry into the model construction. The professional snow fir (21965 & 21966) reach heights of up to 44 m and are therefore only limited for the Z gauge. This will be easier with the illuminated Christmas tree (22110) and its 10 LEDs at a height of 5 cm.

Very large but still exemplary forest trees can be reproduced with the following conifers of the professional series (brackets respectively the height): Nordmann fir (21819; 12 cm / 21823; 14.5 cm / 21824; 18.5 cm), spruce (21829; 12 cm / 21833; 14.5 cm / 21834; 18.5 cm), pine (21911; 12 cm / 21914; 15 cm), weather

spruce (21919; 10,5 cm / 21922; 14,5 cm) and high-stem weather spruce (21924; 14,5 cm / 21927; 18,5 cm).

A new way of designing roads offers a new road structure colour that accepts and retains the tool used for application. Noch offers in the colours "asphalt grey" (60825) and "asphalt anthracite" (60826) in bottles of 250 ml, each. For optimal and recommended application, the road-building colour roller (60829) with 50 mm width and spare roller is useful.



Grey asphalt forms the road structure colour (60825; left). It is best applied with the road-building paint roller (60829) or a comparable tool. Photo: Noch

Noch in Wangen is also focusing on water design this year. The Model Water XL (60874) has a larger packing unit with 500 ml and now also a lower shrinkage degree. This helps to fill deeper waters even with 1 cm in a train.

With "Waves & Ripples" (60861) in an easy to dispense container, water movements can be modelled: applied, put on for 30 minutes and finally shape with a spatula, toothpick or coarse brush. "Foam & Spray" (60862) makes water movements much more realistic than just white colour.

"Waves and Ripples"(60861) for the design of water effects. Photo on the right: Noch



The model railroad cases already mentioned in the introduction are available in two designs with illuminated buildings and each in summer as well as winter design with either Märklin or Rokuhan track:



Model railway Case "Meran" with Märklin tracks and Summer motifs (88300). Photo: Still

"Meran" with Märklin track (summer; 88300),
"Meran" with Rokuhan track (summer; 88301),
"Interlaken" with Märklin track (winter; 88305),
"Interlaken" with Rokuhan track (winter; 88306),
"Serfaus" with Märklin track (summer; 88310),
"Serfaus" with Rokuhan track (summer; 88311),
"St. Anton" with Märklin track (winter; 88315) &
"St. Anton" with Rokuhan track (winter; 88316).

As grassed or white hand-coloured hard foam pieces, the inserts are also available individually. With summer landscapes these are the finished area "Meran" (87000) and "Serfaus" (87010), with winter Design "Interlaken" (87005) and "St. Anton" (87015).

Part of the suitcase layouts is also a new electronic controller, which is also offered as a kit (88163) individually. It has two knobs for two independent circuits, a potentiometer, four on-off switches and a battery compartment. The suitable plug-in power supply with 9 volt output current is available separately (88171).

www.noch.de

+++ Proses +++

The Turkish manufacturer presented an aluminium re-railer track called "Powered Railer" in Nürnberg, which is also in preparation for the Z gauge. On it the locomotive is placed without any wheel alignment. It then receives power from the two metallic trace substrates on each rail side and is intended to drive independently towards the track.

The re-railer tapers until the locomotive it is safely guided onto the track. The return journey onto this re-railer should also be possible.

www.proses.com

+++ Roco +++

The new smartphone-/Tablet-app "Z21 mobile" should not be missed by Z Gauge model railroaders who control their digital models with Roco's central control unit. Now a detailed library with all the specific data such as address, driving stages and maximum speed has become available. It now also contains a zoom-capable grid for the track image control panel. The programme is also available free of charge for the iOS and Android operating systems.

www.roco.cc
www.z21.eu

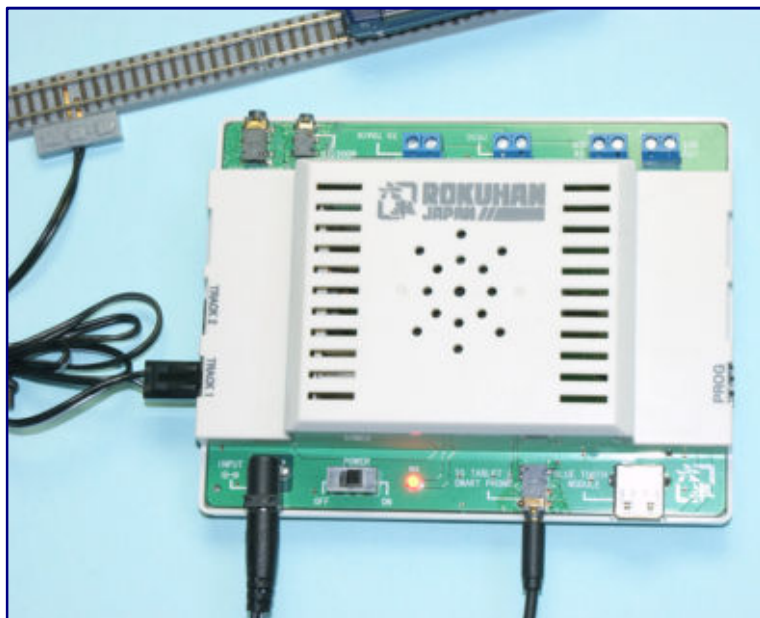
+++ Rokuhan +++

The digital central "E-Train controller" (Noch art.-No. 7297307) will also be offered in Germany from February/March 2018. We published a detailed test report in the December 2017 issue.

Furthermore, Rokuhan strongly relies on its "Z-shortys," extremely shortened car units and locomotives, which are needed for use in the available Japanese living space. In this implementation they act like small children's toys. Housing will be offered for a three-part Shinkansen E5 (7297900), the KIHA 52 (729901) and the EF 66 (7297902).

The chassis is standardized and fits under each of these models. It is available with black and grey bogies in motorized (7297903/7297904) and unmotorized versions (7297905/7297906). The chassis is interesting for the construction and modification of various vehicles in scale design.

These offerings are intended to be rounded off with a shortened re-railer (7297907) and a special miniature oval 7297908; 45 mm radius).



The digital central "E-Train Controller" (7297307) will also be offered in Europe soon.

www.rokuhan.de

+++ Schreiber-Bogen Kartonmodellbau (Aue-Verlag) +++

New in the Z gauge close scale 1:200 is the beautiful Limburger Dom (art.-No. 770), whose paper kit also allows construction of a less detailed version, if the modeller has less experience or a quickly completed model is required.



The mockery because of the "most expensive bathtub in the world," which was built in the nearby Bishop's rectory, does not take away from the beauty of the cathedral and its impact as a model on your layout.

www.schreiber-bogen.de

Picture on the left:
Limburger Dom (art.-No. 770) as a paper kit in scale 1:200.
Photo: Schreiber-Bogen Kartonmodellbau

+++ The Cool Tool +++

The jaws of the Unimat vise now have four screw threads which are adjusted when fixing otherwise difficult to handle workpieces. For the Unimat-Metalline tools, a drilling sled with an enlarged lever is offered. A new controller for the CNC system, planned for the summer of 2018, controls up to six axes.

www.thecooltool.com

+++ Silhouette Modellbau +++

After the death of its founder the company Albert, the vegetation specialist happily has continued its operations. Renamed, the supplier was again seen at the Toy Fair, but consistently has presented only tree new items for the larger gauges.

www.mininatur.de

+++ Uhlenbrock Elektronik +++

The digital and sound decoder test station with CV programming is the new "Digitest". It is connected to a computer with a USB cable. A digital control panel is not available for your required operations. It enables the testing of (sound) decoders and sound modules, the reading and programming of CV settings, as well as the import of new software versions in Intelli-Drive 2 decoder. All these functions can be monitored and executed with a PC.

www.uhlenbrock.de

+++ Unique Scenery Products +++

This manufacturer should also be remembered by Zetties. A few years ago, the Dutch specialist for design materials took over the Minitec product line and is also expanding it further. The high-quality gravels belong to the core assortment of this supplier and are dust free, which is why they should not be darkened.

With a wink, the owner said that he would rather sell the dust separately, pointing his finger at the imaginary shovel for the different Z gauge gravels.

www.sceneryproducts.eu

+++ Viessmann +++

In a conversation with our journalist colleague Peter Pernsteiner, Matthias Viessmann said that the new headquarters Commander II will be introduced to the market next year. The design of the inner workings and the programmes was close to completion. In the summer the parts for the housing should be made. The unit will be operated with rotary knobs and touch surfaces as well as hand controls.

For the sound module "Schmied" (art.-No. 5576) with internal loudspeaker and connection possibilities for an external there is not a suitable figure in your own programme, but this could certainly fix the figure specialists of our size. With some skill, a movement of the arm could also be integrated.

The new Power Module (5225) provides a stable and powerful switching current for up to 200 LEDs and a digital decoder with separate voltage input. At the AC voltage input up to 24 V can be connected, at the output it can handle a load of up to 5 A and is protected against overload.



The sound module „Schmied“ (Art.-Nr. 5576) Without the separately available H0 figure, to which it was designed, can be used across the track. Photo: Viessmann

The Mono-Stable relay 2 x 2UM (5226) houses two relays with two switching contacts, which are controlled by positive switching pulses or continuous current, alternating voltage or digital current. They have no limit switch. The changeover contacts can each be loaded with 2 A.

www.viessmann-modell.de

+++ Woodland Scenics +++

The in-house lighting system is expanded with a “sequencing light hub,” with which four dimmable light outputs are switched in sequence at a set speed.

woodlandscenics.woodlandscenics.com

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www.faszination-modellbahn.com



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Waiting for Altenbeken

Small Series News 2018

This report is becoming more and more important because not only the small series manufacturers and model railroad providers such as MTL or AZL have traditionally exhibited the toy fair. Even manufacturers who used to fill the halls, we were allowed to move gradually into this article. But one thing is also true this year: those who produce especially for the Z gauge are holding back so far and await the important meeting in mid-April in Altenbeken with its surprises.

+++ Álvaro Cortes +++

The Portuguese car model designer Álvaro Cortes has sent us an overview of his current models, which have their main focus on vehicles that are common in North America. But also lovers of European vehicles come will also be pleased.

Particularly worth mentioning are the Swiss police patrol car, which is also striking in the model with its attached decals, as well as a Porsche, also with noteworthy decals.



Probably the most important car models for the European market are the Fiat 500 (pictured at the top left), the Mercedes-Benz E-Class as a Swiss police car (pictured at the top right) and the semi-trailer Mercedes-Benz Actros (pictured below, left) and MAN TGX (right). Photos: Álvaro Cortes

The small Fiat 500 is a current retro vehicle, the model of which was first introduced in 2007. The Swedish sports car Koenigsegg Regera is ten years younger. From the year 2003 came the Land Rover Defender with five doors and the commercial vehicle icon Mercedes-Benz Actros, in which the tractor was reproduced both with and without side panels.

With the MAN TGX, which was introduced in the market 2007, the company has a competitive tractor range. The metallic coatings on some truck models, which represent a true enrichment of street scenes, are well chosen and particularly attractive.

Both here and across the Atlantic the Aston Martin DBS (2010), Jaguar F-Type (2014) and the much more common Mazda 6 ("Atenza") combi (station wagon) of 2016 are popular. It is particularly important to note that the roof rails are free standing.



A freestanding roof rails also appears on the Mazda 6. Photo: Álvaro Corte

In Europe, the Ford Crown Victoria (2003), the Corvette Stingray C7 (2014) and the Chevrolet Brookwood ("Impala station wagon") of 1959 have returned to the programme at a customer's request. The time before World War II is represented by the Ford Model A 5 is a coupe (1930) and the Bugatti Type 50 T coupé de Ville (1932).

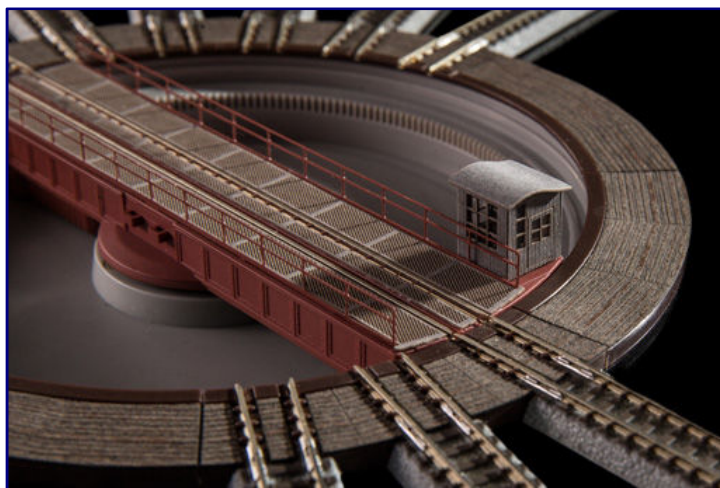
[Acortes\(at\)leya.com](mailto:Acortes(at)leya.com)

<https://www.facebook.com/pages/My-Z-scale-models/1648628058694887?ref=hl>



+++ Archistories +++

The building specialist remains busy and works continue on own novelties, but also exclusively for third-party models produced. After the electric locomotive shed (see **Trainini®** 11/2017) and the cooling towers for the Sanders factories (see **Trainini®** 1/2018), the support framework for the second half of the year, presented in Altenbeken a few years ago, is now in place.



Picture above:

With the accessory kit Rokuhan's turntable can be visually improved and approach the German prototype. The roof of the control house is inspired by the BW Gelsenkirchen-Bismarck.

Picture on the left:

The conveyor frame has four pulleys. Photos: Archistories

By contrast, a ready-made kit for the visual enhancement of digital Rokuhan turntable S037 (103161), which includes in addition to real-looking wooden planks fine gratings and a replacement control house with curved roof for the turntable. It is only available directly from the manufacturer.

www.archistories.com

www.archistories-shop.de

+++ Atelier Dietrich +++

The supplier of the so-called kneading rocks, whose idea for the design of rock has also taken up Heki this year, offers as a new item a modular backdrop of the Alps with up to 18 parts. It is capable of covering at a nominal size in Z at 0,34 m meter high and a maximum length of 10,80 m.



18 modules comprise the backdrop of the Alps, which together bring it to 10.80 m in length and can serve every mountain system. The picture shows the Module 7, which does not only look on the horizon on mountain formations. Photo: Atelier Dietrich

The printout is done with pigment inks on 180 g heavy paper with a barrier layer, and on special customer request, also on self-adhesive vinyl film or wallpaper files.

www.atelier-dietrich.at

+++ Avantgarde Modellbau +++

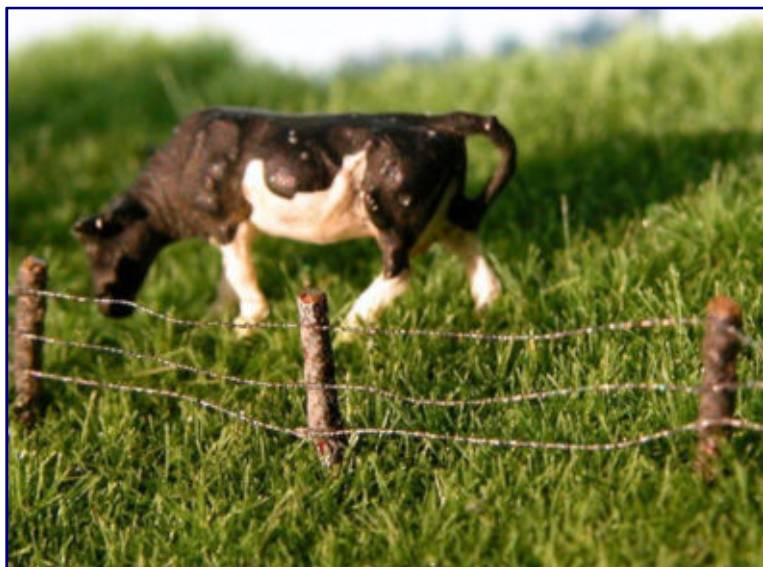
The main new item is a self-developed foliage that will be used in the future for its own tree programme and which brings with it detailed improvements, for example, the foliage visible in tufts on the ash or more natural shades for oak and beech. It is also to be offered as foliage for your own hand made trees.



More covering and very natural-looking shades were a major development goal. It is not based on wool fabric or a plastic net which makes it more easily useable, allows for easy tearing apart and prevents visible threads.

It is at the same time thicker and fuller, but also somewhat more translucent than the material of Silhouette. The domestic flowering ash is likely to benefit from this new item.

The meadows and fields that have been announced for some time now are to be delivered one by one, starting with cattle pastures and grain fields.



Depending on the type illustrated, the grain spikes should even show the typical ears of corn or other grains, which even in the larger scales have not experienced any such replicas. New is also a realistically appearing barbed wire for the fencing of cattle pastures and other areas.

Other new items include plants for the garden area, American vegetation such as cotton fields, Virginia oaks with Spanish moss, and Arizona's typical desert scrub. Also meadows in different manifestations are on the development list.

Matching trees are also announced: American Plane tree, Blue oak, life oak, Sitka spruce, Loblolly pine, Weymouth Pine, American elm and Tamarisk.

Variety among the trees brings the flower ash (pictured above). Grazing areas can soon be fenced with barbed wire (pictured below). Photos: Avantgarde Modellbau

The assortment also included some Mediterranean trees such as the stone and Italian oak, Mediterranean pine and juniper, French tamarisk, an Aleppo pine and appropriate bushes. Together with the olive trees, cypresses and cedars that have been offered for a long time, a lot of holiday atmosphere can be put into the layout.

www.avantgarde-modellbau.de
[motewe\(at\)gmx.de](mailto:motewe(at)gmx.de)

+++ AZL (American Z Lines) +++

Already in the last edition we had announced some more detailed descriptions of the Kraus-Maffei ML-4000, which AZL as a limited model in brass construction. The prototype models had only a very short service period from 1961 to 1968; only one locomotive was retained and is currently being worked on.

Their successors were the SD40 and SD45 of EMD and the series U30C and U33C of General Electric with large procurement figures. Thanks to their unusual design for us conditions, the two Maybach-16-cylinder engines, equipped with 3,540 horsepower, are nevertheless interesting models for US model railroaders.

The front apron with clutch is pluggable, inside a bell anchor motor. The direction-dependent illumination is based on light periods. The "Auto latch" called AZL Standard is installed as a coupling.

The series of nostalgic paint finishes of the GE ES44AC is continued and extended to ten painting forms. A further variant is to follow each month. The black-red-yellow version of Kansas City Southern de Mexico with two operating numbers (62406-1 / -2) is a standard coating.



This also applies to the designs of the EMD GP38-2 for the Chessie system, whose role models are set at the B&O (62522-1 / -2) and C&O (62522-3 / -4). 89-foot flat wagons with DODX addresses are available, loaded with tanks M1 of the US Army, in reddish brown (911023-30 / -3S) and yellow (911024-3S). The letter at the end of the item number indicates the colour of the chain vehicle with olive green or sand colour.



From the very simple Budd-RDC of the Jersey central lines with black roof (62216-1 / -2) two operating numbers were placed. The covered 40-foot wagons with visible exterior struts are this month in the reddish-brown Pennsylvania version under the deliveries. A single car (903105-1), a double (903175-1) and a four-pack (913105-1) are offered.



EMD GP38-2 „Chessie System“ of the B&O (Art.-Nr. 62522-1; pictured above), C&O (62522-3; pictured in the middle) and Budd-RDC of the Jersey Central Lines (62216-1; pictured below). Photos: AZL / **Ztrack**

The high 60-foot Gunderson wagons are now also individually packaged in BSNF design, converted to the current coupling, and newly offered (91404-1 to -4).

In the pre-order phase is the 4-8-4 Class J steam locomotive of the Norfolk & Western. The different locomotives can be obtained individually or with seven matching coaches in Powhatan arrow design.

For the California Zephyr train, four different sets of eleven cars each are in preparation. There will be one of the PRR coaches of the same type. Suitable diesel locomotives of the type EMD F3 for the railroad companies CB&Q, D&RGW and WP will be added.

www.ztrack.com/AZL/amerzlines.html

+++ Bahls Modelleisenbahnen +++

Bahls new rolling stock to be released during 2018 and consists of etchings and castings. The model for this is a crane locomotive, built in 1900 by the Maschinenfabrik Esslingen for the Friedrich-Krupp-Germania-Werft, which was located on the eastern shore of the Hörn in Kiel-Gaarden Ost. Their crane arm rotated, it could be raised or lowered (within limits), and had a lifting capacity of 3,000 kg.



Crane loco of the Maschinenfabrik Esslingen with the main dimensions of the Prussian T 2. Photo: Michael Bahls

The main dimensions of the locomotive correspond to the Prussian and Oldenburg tank engine genus T 2. If Sol-che machines were a rare feature on mainland Europe, they were more popular in the United Kingdom.

Some have been preserved. In Germany, the Guillaume works in Neustadt-Haardt had a further crane locomotive from Esslinger production, while the Baden State Railroad operated one imported from England.

www.lokomotiven-bahls.de

+++ Creativ-Modellbau Klingenhöfer +++

The early-year new items consist of a donkey cart with rubber tyres, which underlines a core competency of C-M-K with

the replica of animal figures. When spring arrives, the various recreational boats in the new items programme will find rapid distribution on the waters of scale 1:220.



The new donkey cart has got rubber tires and a colour matching the grey animal. Photo: Creativ-Modellbau Klingenhöfer



The sport boats are offered in six different colours (pictured above), while the character scene speaks for itself (pictured on the left). Photos: Creativ-Modellbau Klingenhöfer

The figure duo "Man makes his dream girl a marriage proposal" needs no further description in view of its name, but the depicted scene can also be interpreted differently and inserted into landscaped scenes. It can also be a romantic scene for Valentine's Day, which should be a fresh memory when this issue is released.

www.klingenhoefer.com

+++ D&H Doehler und Haass Steuerungssysteme +++

Important information, which also has an impact on the production of the Velmo decoder board, we put at the beginning of the line-up: D&H sound decoders are now available again.

As new products are announced vehicle decoder PD06A for miniature engines (formats SX1 / SX2 / DCC) as versions without (art.-No. PD06A-0) and with six connecting wires (PD06A-3). They are designed as a special solution for small motors with an operating voltage of 3 and 6 volts and, despite their smaller size, technically comparable to the decoder DH06A.

It is functionally equivalent to the PD05A and is designed for a total load of 300 mA. The voltage on the track must not exceed 18 volts, which should not be a problem for use in Z gauge.

The vehicle sound Module SH05A for Susi is announced as a version without connecting wires (SH05A-0), with Susi connection cable and two connecting strands (SH05A-2) as well as with six connecting strands (SH05A-3).

The new vehicle sound module SH05A relies technically on the proven SH10A. By two-sided assembly and slightly reduced buffer capacity, its dimensions are to shrink to about 14 x 9 x 3.4 mm.

The multi-Protocol vehicle sound decoder SD05A dominates SX1, SX2, DCC and MM and will be available without connection wires (SD05A-0), with ribbon cable for NEM 651 plus two connecting strands (SD05A-1) and with eight connecting strands (SD05A-3).

The vehicle sound decoder SD05A combines the excellent driving characteristics of our super-soft-drive motor control and control with the extensive sound characteristics of our sound modules. Total load capacity 500 mA, maximum driving voltage 18 volts. Slightly reduced buffer capacity compared to the proven SD10A, targeted measurements 17 * 8 * 3.4 mm. Exact dimensions and EIA will be available later.

A newly developed feedback sensor replaces the previous occupancy detector of D&H. It is intended to take over the most important features: eight track sections, occupancy report in conjunction with all digital systems, adjustable release delay and updating capabilities.

Unlike its predecessor, it also supports the SX1-lok number feedback with almost all digital systems capable of SX1 data packet output from the track. In the same way, DCC-locomotive addresses of Railcom-capable decoders can also give feedback back with existing technology. Thanks to galvanic separation between the track sections and the SX bus connection, an independent feedback system can also be built together with a third-party digital system.

www.doehler-haass.de

+++ Freudenreich Feinwerktechnik +++

Freshly delivered and already sold out by the manufacturer, a freight wagon of the FS (art.-No. 39.012.02) was limited to just 32 sets. The set is composed in an oxide red freight car of the Type E in UIC steel construction and a lighter brown painted, covered peak roof wagon of the type Ghms (ex series F). The bodies were made by plastic injection moulding; the chassis is made of metal.

The Swedish passenger coaches of the type "1960 Talsvagn" continue this year. This applies not only to the delivery of pre-ordered wagons of already known design variants, but also to other model versions.



Travel coaches of the type "1960 Talsvagn" in dark green paint with Veolia addresses. Photo: FR Freudenreich Feinwerktechnik

Matching the 2017 produced compilation of "Netrail" appears a supplemental "Netrail/Veolia" with each car in dark green and white/red. The Epoch V version in blue/anthracite is also to follow this year.

After the striking electric locomotive Ra987 four years ago, the time now seems ripe for an execution as the Ra994 of SJ in the later colour scheme orange/white with the smaller Marshall headlamps introduced in the 1970s. An analogue and a DCC version of this model will be available.

For the Rc-locomotive family, new color schemes will follow this year: Rc3 1040 of the Ofotenbahn and the Rc3 1041 of the Tågakeriet I Bergslagen. Matching passenger coaches are also planned.

For the SBB friends, the new bulkhead wagon Xas 73 appears in a two-pack. The grey wagons carry repair patches and are slightly aged. For the Z gauge weekend in Altenbeken a special FR model will appear, about which details the manufacturer is still silent.

www.fr-modell.de

+++ Full Throttle (WDW) +++

New from William D. Wright is a version of the open 100-ton Schütt good car with outer box struts and 3 exhaust funnels of the Susquehanna (art.-No. FT-8016). The yellow-lacquered models are made up of two different double packs.

www.wdwfullthrottle.com

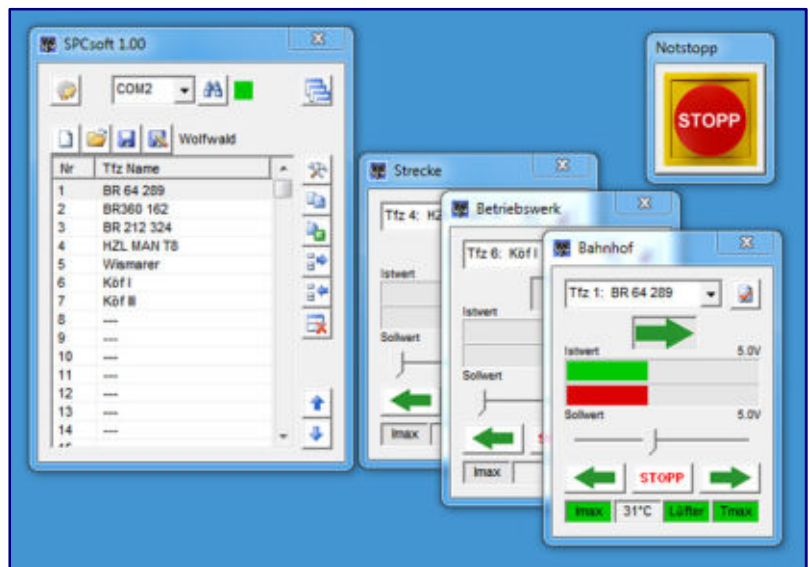
+++ Heißwolf Modellbahnzubehör +++

Bernd Heißwolf introduces a new speed controller called SPC2200, which is a descendant of the model SFR2000. Since it is intended for operation with a PC, it does not use a control unit.

Via a USB interface, the in-house Windows programme SPCsoft can be operated with up to eight control knobs on the screen. But also the software "Analogcontrol" by Schmidt Electronic can control the speed controllers.

As used by Heißwolf, the type and shape of the output voltage for each locomotive can be adjusted in such a way that the best possible driving characteristics are taken out of it. This new item is therefore equally well suited for all Bell anchor drives as well as iron anchor motors.

www.modellbahn.heisswolf.net

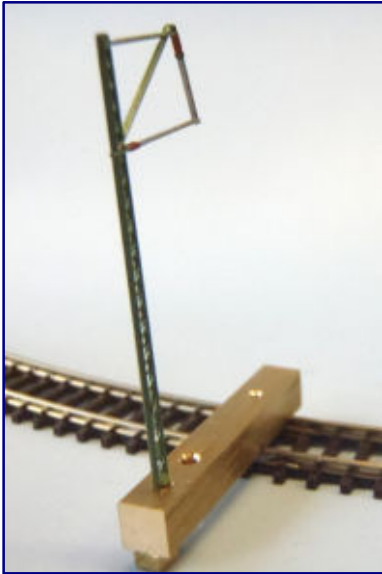


Power section of the SPC220 (picture above) and the corresponding user interface from "SPCsoft" (picture below). PHOTOS: Heißwolf Modellbahnzubehör

+++ High Tech Modellbahnen +++

In a conversation with Achim Grob, he told us that the turntable control with sound is now progressing. It should now appear in the summer of 2018 after the delay has been resolved.

www.z-hightech.de



+++ HOS Modellbahntechnik +++

In spring, the complete catenary will be available in new silver, from which we were previously able to gain and impart our own impressions in the framework of diorama construction last year. The corresponding mounting gauge is practical, and greatly facilitates the installation of masts with short and long outriggers.

In the future, two different line masts will be offered in Reseda green (art.-No. OL01, plug OL02), four different long wires (OL07 / OL08), tower poles (also with light units or hand tightening wheel; OL03 to OL05), transverse structures (OL08 / OL09) and of course the transmission line signals of the DB (SI19 to SI26).

Behind the scenes there appears to be a close cooperation between Heinz O. Schramm and Frank Drees (Archistories), because there are also helpful new items for the BW kits: engine shed doors with brass axles in brass bearings, which allow a functional upgrade with door opening mechanisms. A similar upgrade for the Märklin-locomotive shed (hard cardboard kit) will follow a little later.



Some other products are currently under development. As soon as they reach production readiness, we will inform you in separate reports.

www.hos-modellbahntechnik.de

Track mast with mounting gauge (picture on top left) and tower mast tip with light unit (picture at the bottom left). Photo: HOS Modellbahntechnik

+++ JSS-Elektronik +++

The revisions from last year have been diligently continued and so we have found some new products on the pages. For Märklin's family of the E 10 series, there is the multi-protocol locomotive decoder WIDEC 13 (art.-No. 140013-Mul), and for the "Ludmilla" from Göppingen there is a multi-protocol locomotive decoder WIDEC 24 (140024-Mul), both for the data formats MM and DCC.

The following new items are not identical to those mentioned in the previous year, as can be seen from the manufacturer's article numbers and descriptions:

Turnout decoder "4 turnouts" with eight outputs (360800),
Switching decoder led with 10 outputs "10 x Switching" (361060),

Light decoder led with 10 outputs "neon lamp/welder" (361004),
Light decoder led with 10 outputs "welding light" (361002),
Light decoder led with 10 outputs "traffic light circuit" (361010),

Light decoder led with 10 outputs "gas lantern" (361001),
Light decoder led with 10 outputs "fire flicker/fire" (361009) and
Light decoder led with 10 outputs "house lighting" (361008).

Similar to the offered light decoders is a "Barrier Control" (361011), that, like prototype the controlled half-barriers of the model close first only on the right side of the road, and then with some delay then on the opposite (left) side.

Also new is a programmable "IOT-LAN-button" with four function keys, which is offered in a matching plastic housing.

www.jss-elektronik.de

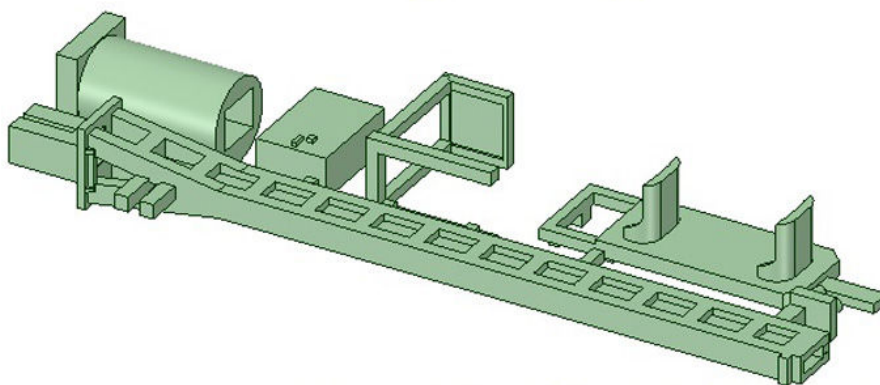
+++ Kastenbahner +++

Andreas Herzog from Vienna has nice signals according of both DB and ÖBB types in his programme – so far only in scale 1:160. This could change, however, if there is a corresponding demand, because on a customer inquiry he was not averse to such offerings.

Andreas Herzog has already scaled down an N gauge model to scale 1:220 and adjusted it to the required extent. Due to the currently very heavy load, he can only offer the home signal as a pure 3D printing kit in a double pack.



Einfahrtsignal - Spur Z



www.kasteNbahner.com

For the time being, a lead-in signal for Z gauge can only be offered as a 3D printing kit, as shown in the CAD representation (image above right). Assembled and equipped with LEDs, it looks similar to the pattern for N gauge (image above left). Photos: Kastenbahner, Andreas Herzog

It remains up to the customer to obtain wired SMD LEDs of the 0402 type with resistors, but this should certainly be the least of the problems. However, it is important to note at this point that the concept has not yet been printed. For the time being, residual risks still remain in the implementation.

www.kastenbahner.com

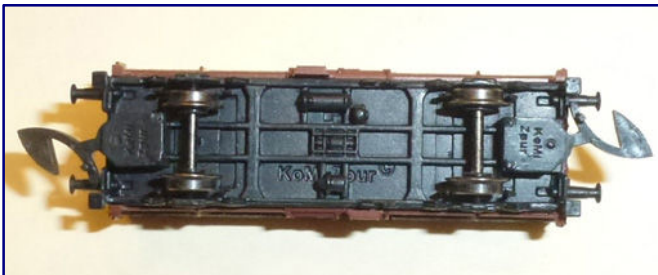
+++ KoMi-Miniaturen (Zpur®) +++

Currently, the specialist for fine detailing and fine detailing sets has no new items to announce. However, there are some studies that we may be able to inform you about because new offerings may result from these.

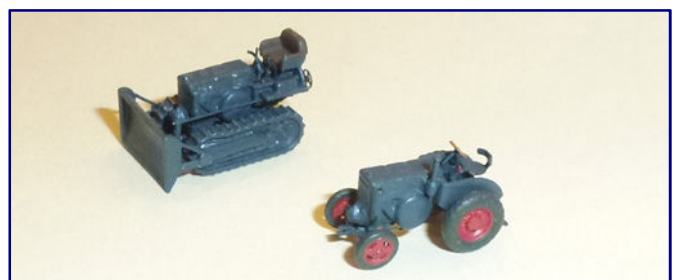
For example, at this point we are showing a study for a new metal chassis for Märklin's KMMKS 51-type freight wagons without a brake house (ANR 86238), which eliminates compromises that we had once pointed out in the test report.

It is suitable for the variant of this wagon with brakeman's house. For the latter, brakeman's cabs and railings have been in the programme for a long time. However, the stage for the platform extension of the stem stage is not yet finished and also etched replacement parts were required for the operator's platform at the end of the wagon.

The provider would first like to wait to determine the demand and then decide whether a kit or a fully pre-assembled chassis will be offered. All other parts and decals required for complete fine detailing are available in the programme. The same detailing kit will also be available for Märklin's new OMM 52 (ANR 86237/86238).



The newly developed chassis also has good detailing on the underside (pictured at the top left) and adds the Kmmks 51 to the missing details (image at the top right). Further feasibility studies are the road construction Caterpillar Lanz HRK and the Lanz Ackerluft tractor HR8 (image on the right). Photos: KoMi-Miniaturen



It is still unclear whether a brakeman's platform stage for the four-axle gas boiler vessels of Märklin, which will be shown in Altenbeken, is to be offered for sale. The resonance in Altenbeken will also depend on whether the feasibility studies for the road construction Caterpillar Lanz HRK and the tug Lanz Ackerluft HR8 lead to a small series run. They are both based on the first Lanz model of KoMi-Miniaturen.

Otherwise, it is necessary to replenish assortment gaps, to prepare orders and to complete projects that have started, if this can still be accommodated in the time available.

www.komi-miniaturen.de

+++ Kreativ3.de +++

Creative model builders, who design buildings themselves or who extensively modify (kit bashing) purchased kits are often found at this manufacturer. Many building materials that you need for your projects are offered at Kreativ3.de as a laser cut or engraved graphic boards.

New for Z gauge are "pointed angle slate" (MK 66203), also called Diamond Cover, "honeycomb cover slate" (art.-No. Mk 66205), "fibrous cement rhombus" (MK 66208) and "fibrous cement diamond" (MK 66209), both of which are usually more commonly referred to as eternit plates, for facade cladding.

To cover roofs, the supplier has now introduced "heart brick dull red" (MK 66003), "beaver tail" (MK 66005), "beaver old roof" (Mk 66006) and "brim old roof" (MK 66008).

All building plates for the scale 1:220 are 138 x 85 mm in size with material thicknesses from 0.4 to 0.7 mm. Further wall, roof and ridge slabs have been in the programme for some time, as well as laser signs for various restaurants (dimensions per sign: 16.54 x 3.31 mm).

www.modellkreationen.de

+++ Krüger Modellbau +++

Small wind deflectors (art.-No. 98024.02) can be added to Märklin's class 24 With brass etched parts. With a locomotive body (Z 98018.50), Märklin models of the Bavarian S 3/6 can be converted to the class 18⁵ and completed with decals.

Etched parts complete the buffers with air lines and imitation couplings. The coal box attachment (Z 98018.51) for this locomotive is an unpainted casting that has to be painted black.

The further new items are targeted to give a better appearance of the former Märklin roundhouse shed kit made of polystyrene: the Shed Gates (Z 98915.01) with high windows require raising the floor of the shed by 1.5 mm using polystyrene plates. A template for the window blank (Z 98915.04) helps to fit the window film between the two sheet metal levels.

To upgrade a Märklin kit, the following new items are required (one of each): side window (Z 98915.16) and rear window brace (Z 98915.17). In the first set, there are six high window braces for both exterior walls, and one spare part. The second assembly contains 25 replacement windows. The skylights (Z 98915.18) are folded and lacquered to optimize the roof mounted smoke vents.

www.krueger-modellbau.de

+++ LDT Littfinski Datentechnik +++

The book "Digital-ProFi" carries the informative subtitle "Fahren - Schalten – Rückmelden" (Driving-switching, feedback) and could also be interesting for Zetties who want to switch to digital operations. The title should therefore cover and further detail the issues dealt with in this year's thematic focus.

Author Henning Kriebel is himself a model railroader and makes it possible to switch to digital model railroad technology in a most descriptive manner. He covers the topic from the inevitable basics to practical applications including operations, switching and feedback.

www.ldt-infocenter.com

+++ Markenburg +++

Three examples of the Dutch type 1100 (art.-Nr. 01DOR02) telephone booth with dimensions of 6 x 6 x 12 mm are included in the kit. The chosen model 1100 has the green company colour of the PTT Telecom and was created in 1984 as a successor to the now over 50 year old grey booths.



With the kit, the quota of one telephone booth per 5,000 inhabitants, as defined in neighbouring Germany, can also be met well into the future. This is the reason telephone booths were once widespread in the Netherlands.

www.markenburg.nl

Niederländische Telefonzelle vom Typ 1100. Foto: Markenburg

+++ MeinModellHaus +++

From March onwards it will be possible for customers to upload self-drawn windows and doors to this provider in suitable graphics programmes. This also applies to more sophisticated designs such as church windows or curved engravings. Sven Döhre creates the desired models using light cutting techniques or milling and sends the finished parts to the customer.

www.meinmodellhaus.de

+++ Micro-Trains (MTL) +++

Microtrains is now entering the race with its heavy, six-axle coaches from new moulds. The beginning is the modernized execution of the observation cars "Kay See" of the Kansas City Southern (art.-No. 556 00 010).

It is also part of a four-part car pack for the Via (994 01 210), for which a matching diesel locomotive F7A (980 01 450) is available.

The four wagon pack for the Baltimore & Ohio (994 00 106) is composed of light passenger coaches. Sleeping cars of the Southern Pacific also come in another four wagon pack (994 00 105).

The series continues with the Heinz refrigerated car "HJH Co. 322" (518 00 510) as the sixth model. The Northern Pacific covered 40-foot freight wagons have double sliding doors and carry the operating numbers 38268 (501 00 281) and 38296 (501 00 282).



With the car pack for the Via, the new observation car is also shown. Photo: MTL

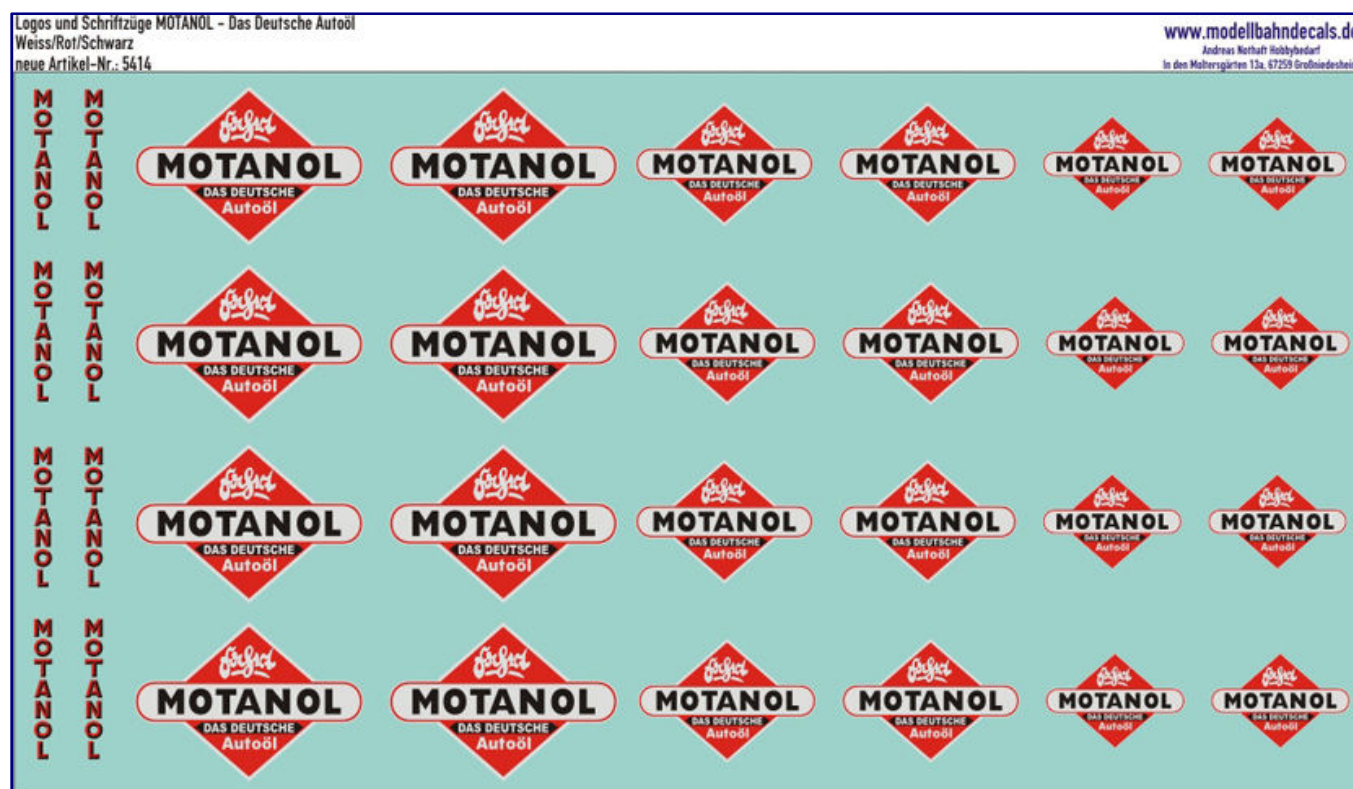
The old and graffiti covered wagons are also continued. The newest model is a covered 50-foot wagon "Mardi Gras" (510 44 222) boxcar with a single sliding door without roof catwalks of Railbox.

www.micro-trains.com

+++ Modellbahn-Decals Andreas Nothaft +++

The decal specialists did not have any new items, but have decals which are already available in all scales. New since our last report are Motanol signs for tank wagons and tanker vehicles (art.-No. 5414) of Epoch 3 as well as advertising signs "Berlin – Hamburg at a fixed price" (5955) for the current epoch 6, where passenger trains must compete with long distance buses.

www.modellbahndecals.de



Motanol Slides – One of two novelties this month. Currently, new addresses are appearing to blow. Photo: Model Railroad decals Andreas Nothaft

+++ Modellbahn Digital Peter Stärz +++

The new "single servo module with 3 positions and additional functions for push-button or operation with switching decoder" (art.-No. servo-1x Z; finished module) is almost an all-rounder and can be connected to an input voltage of 10 – 18 V alternating or 14 – 25 V DC. It controls servos with JST or JR connections.

Controlled via pushbutton or via the output of a switching decoder, it regulates the typical movements of a falling tree, a child's rocker or swing, turnouts and form signals or of railroad barriers including the typical after-rocking. Further application proposals are opening and closing gates, a water crane and segment hubs with three positions each.

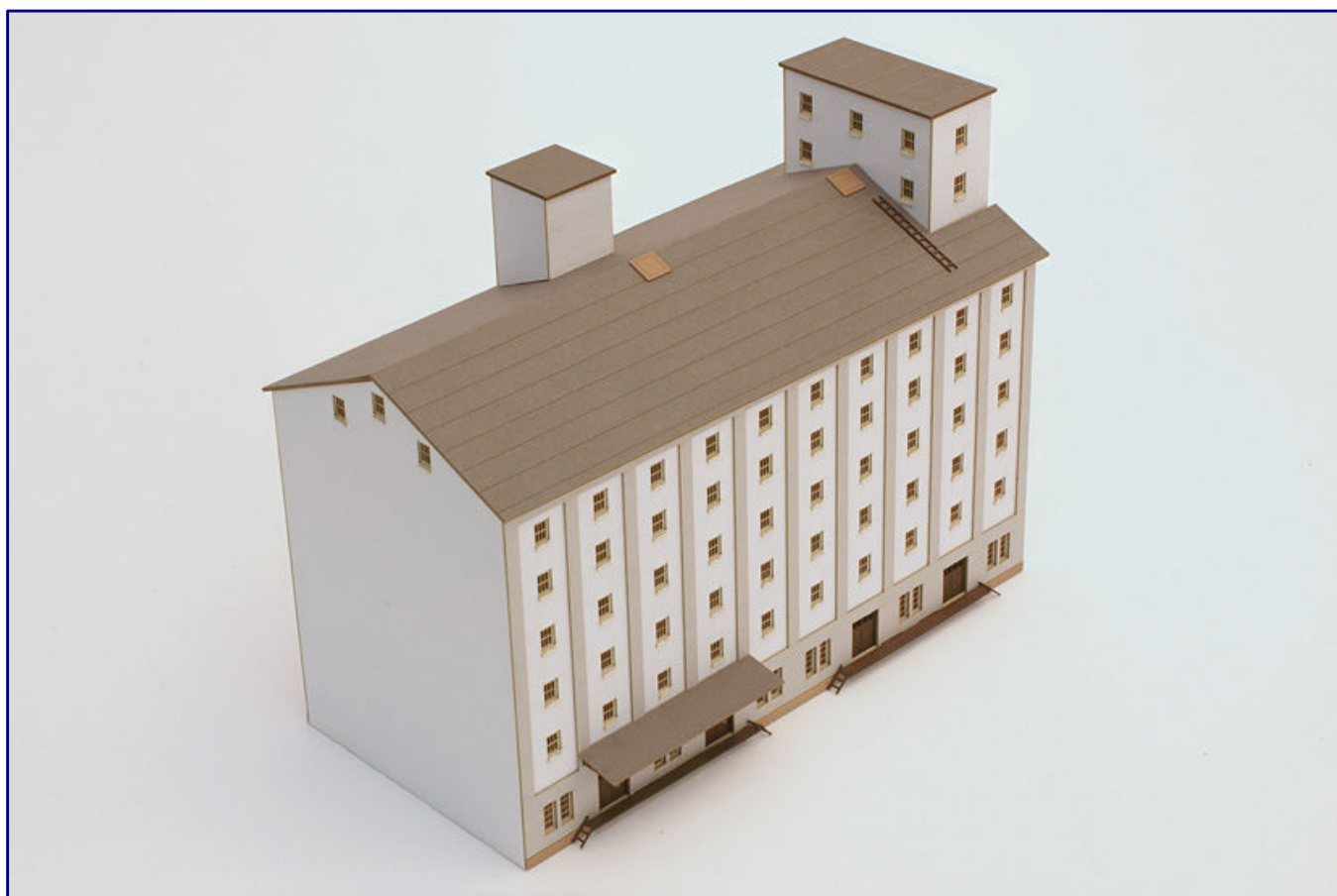
www.firma-staerz.de

+++ Modellbau Laffont +++

Stefan Laffont shows his work as never before and this hint is to be understood in the best sense: both with regard to the quantity and quality of his new items, the Z gauge model railroaders should be well served. Moreover, all kits are already available.

An important loophole in their scope is manageable kits, that reflect buildings that are not found anywhere else. The first of the new items is an automobile garage in the style of the fifties (art.-Nr. Z1901), in whose kit two options are available, with the former so usual, horizontally posted wooden gates included.

The "3 factory huts" (Z1401) with bricks, wood and corrugated iron facade as well as the small side buildings (Z1501/Z1601) with plaster or brick façade serve typical scenes, as they will probably please every Zettie. But also outside of a railroad site or in modern secondary use you will find a meaningful use.



Big and impressive is the new dockside warehouse of Modellbau Laffont, here in the plastered version (art.-Nr. Z1701).

In the trend of the currently extremely popular maritime themes lies the new dockside warehouse, which is also offered in plastered version (Z1701) or with two-coloured brick façade (Z1801). The building, which is already impressive due to its size, is of course also suitable for factory motifs located on inland waterways.

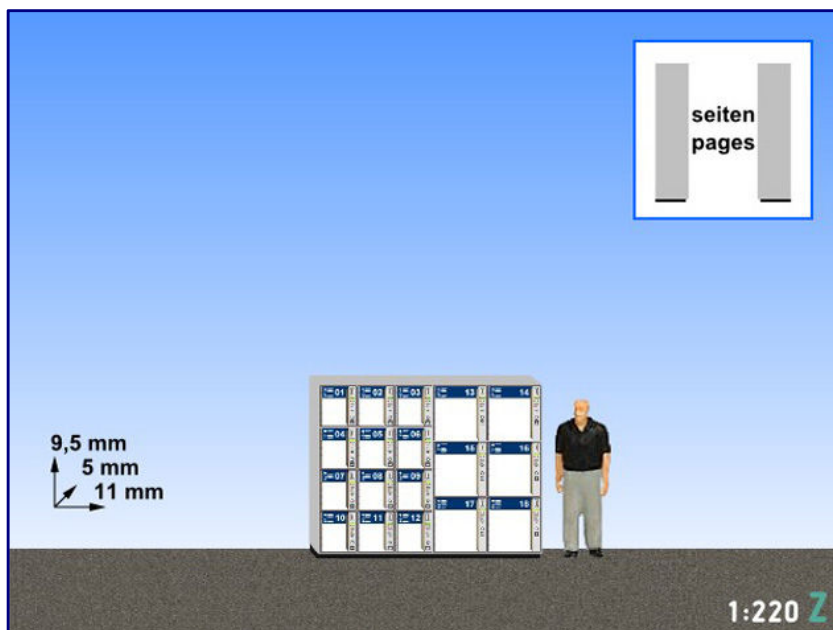
www.modellbau-laffont.de

+++ Modellland +++

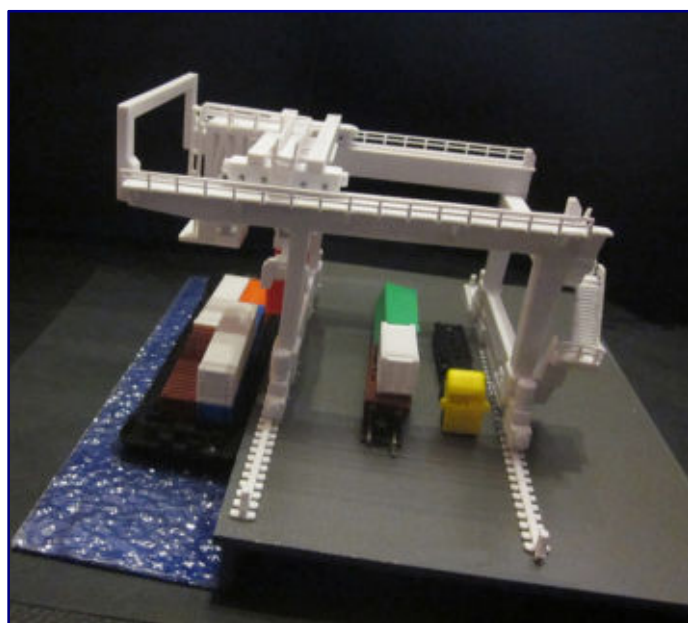
After the RHB and modern DB-AG device last year, ticket vending machines based on the example of the SBB (art.-No. 2082-5) and the MVG München (2083-5) have now entered the programme. They are made of plastic and are water-and scratch-resistant.

Another addition to the station environment is the luggage lockers, which are offered in the same qualitative version for DB (2111-5) and SBB (2112-5). The height of all four products mentioned is 9.5 mm.

www.modellland.de



Luggage lockers for the DB (Item No. 2111-5). Photo: Modellland



+++ NoBa-Modelle +++

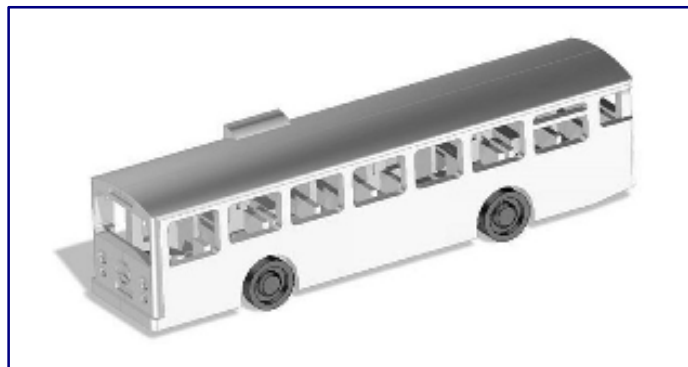
This very unknown manufacturer promises 3D printed models also for Z gauge.

In the programme you can find cranes, debris, containers with loading terminal, buildings, bridges and vehicles, and also blooming trees, May poles, beer table sets and lattice girder bridges made of wood.

The assortment also includes a tug boat with barge and accessories including tiny parts such as town and traffic signs.

Shortly before the editorial deadline, a bus model was completed to relieve the lack of these vehicles for Epoch IV.

www.noba-modelle.de

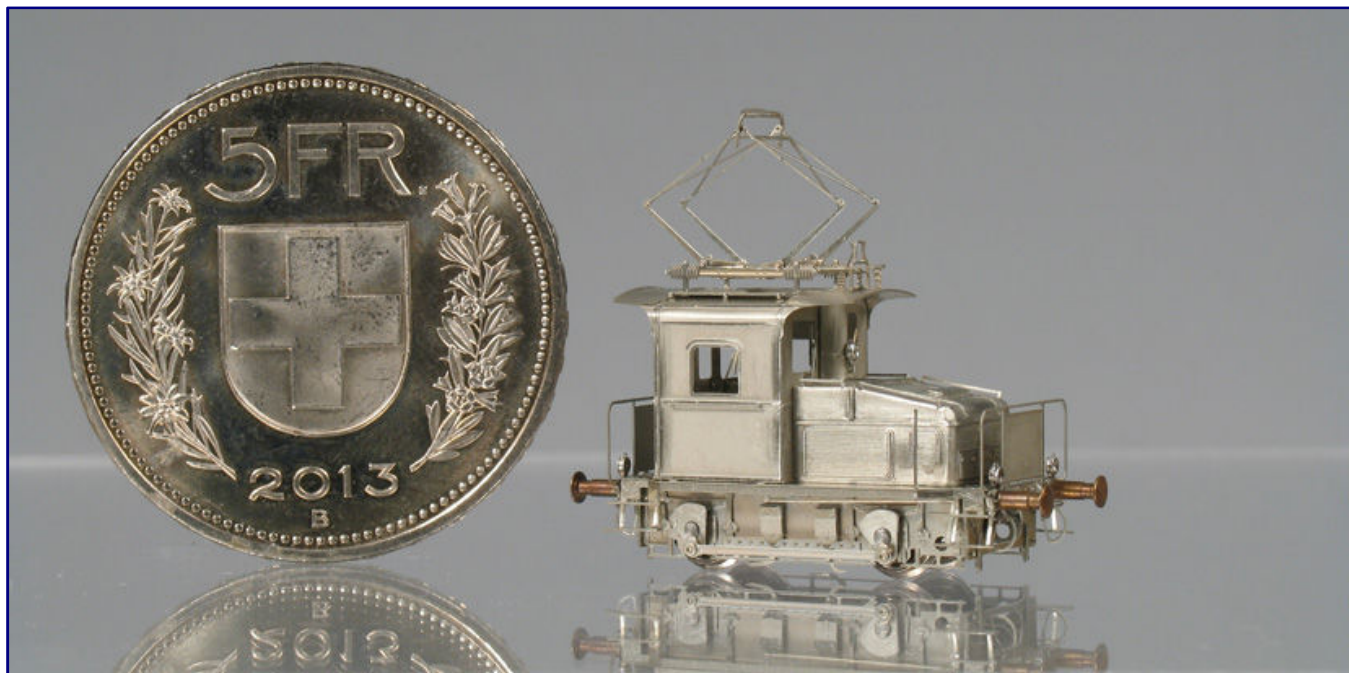


Also the container terminal for use on the quay (picture on top left) may serve as an example for an excerpt from the wide assortment. But with the Mercedes omnibus we are also showing is a brand new item. Photos: NoBa-Modelle

+++ N-tram +++

The Swiss shunting tractor, Te 3, is now available from the fine scale manufacturer Wolfgang Besenhardt in Z gauge and the same in various versions: three different private railroad and SBB variants and one for the PTT (Swiss Post).

The models with the SBB operating numbers 121 to 138 were built between 1941 and 1949 by SLM Winterthur and remained in use in part until the nineties. Various private railroads used identical versions in shunting service and even in light passenger traffic.



Many words are not required to describe the filigree and detail of the new shunt tractor Te 3. Photo: N-tram

The first pattern made from series parts already gives an impression of this extraordinary model. As usual, the small artwork is made of brass, silver and stainless steel. Replicas of even the smallest details characterize it. Nevertheless, this small series manufacturer considers it to be robust and suitable for operation, because freestanding parts such as pantograph and handle rods are made of spring steel.

The electric shunting tractor is driven by an iron-free bell anchor motor. A spring-loaded pendulum axle ensures good current pickup; a small circuit board provides a wide control range. The Te 3 is available in both analogue and digital versions.

www.n-tram.de

+++ Passmann +++

As we reported in the last issue, electronics specialist Oliver Passmann has developed a new light board with 11 warm white LEDs specially designed for the 1960-Talsvagn series from FR Freudenreich Feinwerktechnik. The lighting solution buffered with a GOLDCAP capacitor should be available shortly.

www.passmann.com

+++ Qelectronics +++

With the "Qprogrammer" and "Qrail" it is now possible to bring your own "Qdecoder" to the current state (n-Soft decoder --> Standard decoder --> All-rounder/signal decoder) without having to send it to the manufacturer. It is possible to have the manufacturer perform the upgrade, on request. After the decoder ID number and the amount of the difference, the customer receives a license file which is to be included in "Qrail" for the upgrade to function properly.

www.qdecoder.de

+++ RATIMO Rainer-Tielke-Modellbau +++

Several tram viaducts (trackways) have already been delivered to a model railroad group, to which Rainer Tielke is currently developing further versions. These are to be presented in Altenbeken.



Den ersten Messeinsatz hat der für das Z-Car-System umgerüstete Kibri-LKW-Prototyp erfolgreich hinter sich gebracht. Nun plant Ratimo Kreuzungen und Abzweigungen für das aus Polen stammende Konzept.

It is also planned to make crossings and junctions for the Z-car system of KK Produckja, which control lane changes with built-in magnets. However, this requires corresponding customer requirements. The range of pane inserts to the driver's side windows of various steam locomotive models is to be expanded.

www.ratimo-z.de

www.rainer-tielke-modellbau.de

+++ Schlesienmodelle +++

According to the manufacturer, the metal Bridge "Pilica" is also available for the smallest gauge Z. According to the supplier, it is manufactured according to original plans of etched silver individual parts of 0.3 and

0.2 mm thickness, soldered with artisanal skill. These bridges reflect the highest level of manual soldering technology, the manufacturer writes on his pages, which is also reflected in a price that is likely to be of interest to very few customers.

www.schlesienmodelle.de

+++ SMZ Sondermodelle Z +++

As its next project, SMZ recently has been working in dialogue with our editor to develop the DRG Class 626 in the ocean blue-ivory paint of the Deutsche Bundesbahn. The technical requirements should conform to the outstanding predecessors of class 627; analogue and digital sound versions seem to be standard in Z special models.

Still in the prototype stage are truck models from their own development for the car system introduced by KK Produckja for Z gauge.

www.smz.at

+++ tams elektronik +++

Since Kersten Tams no longer participates in the Toy Fair, he presents his new items at the end of the year at the completion of his new products. The hand controller "Handcontrol 2," which works both with the central "RedBox" and the older "Mastercontrol," is now ready for delivery.

The 4-way switching decoder SD-34 is usable with the BiDiBus. BiDiB and the WD-34 soft decoder. BiDiB for four magnetic articles refer to their switching commands via RJ45 plug or from the Tams Zeus interface. No CV programming is required according to the BiDiB specification.

The S88-5 s88 Feedback module, available from April, combines an 8-position S88 sensor with an 8-position track occupied detector. Together with the handheld device "Handcontrol 2" You can easily set up and activate commuter (back and forth) runs.

www.tams-online.de

+++ Toy-Tec +++

The manufacturer of the control "Alan" announces that trains in the Z gauge can now be controlled both in analogue and digitally. Close coordination with Claudius Veit of Velmo brought the decisive breakthrough.

www.toy-tec.com

+++ Trafofuchs +++

The new platform benches are not to be overlooked at any station and now carry "neutral" advertising, and also for the its own brand Transformer Fuchs and for **Trainini®**.



Platform benches with self-promotion and for **Trainini®** (picture on the left) are also among the new items as well as the picnic table (picture on the right). Photos: Trafofuchs



The "Handcontrol 2" is now available for delivery. Photo: Tams Elektronik

The new picnic bench with four hikers invites you to have a snack. It can be placed anywhere where characters should take a break. Because it offers a little more comfort, the picnic table offers tired hikers the opportunity to take a longer rest. Suitable locations are forest clearings or near a hiking car park, a garden restaurant or a playground.



The new seagulls consist of etched parts and know not only to impress with maritime scenes. The sailor in the picture only serves the size comparison and is not a part of this figure pack. Photo: Trafofuchs

If you want to model seaside areas do not pass by the newly developed seagulls, which are now made of etched parts. The fine captain in the picture, however, serves only as a size comparison and is not included with the product, because the white birds can also be found inland.

www.trafofuchs.de

+++ Velmo +++

Also Claudius Veit is not idle. Like many other suppliers, he plans the introduction of new items at the meeting in Altenbeken.

www.velmo.de

+++ ZettZeit Special +++

According to our information, there will also be a special model for the meeting in Altenbeken at ZettZeit, which is produced by FR Freudenreich Feinwerktechnik. However, detailed information is not yet available.

www.zettzeit.ch

+++ Zmodell +++

A new small series manufacturer from the Ukraine is immediately aware of a drum blow. After years of waiting in vain for personally desired models, he decided to build his own designs and also offer them to interested customers.

In 3D printing technology, the housing of the heavy goods train electric locomotive class 155 of the Deutsche Bahn AG (art.-No. 99155) is produced in traffic red. The six-axis chassis of the series 103 or 151 of Märklin is used for power. The front and rear light elements come from the Märklin class 143. A modified version of the Velmo PCB LDS48568-I is used in digital versions.



The class 155 from DB Cargo has become an impressive model. It is based on the Märklin chassis and combines various manufacturing techniques to achieve the highest possible detailing. Further versions should follow. Photo: Zmodell

The pantographs are electrically functional in the analogue version and also receive the oblique struts missing from the Märklin versions by a thin wire. A high level of detailing is achieved with many separately applied details, which are partly produced by 3D printing (isolators, main switch, pantograph drives and radio antenna).

However, the predominant part has been produced in etchings (window frame, fan grills, kicks and handles at the front of the locomotive, lamp rings and cab with supplementary colour decals).

In addition there are buffers made of metal, rods and roof lines made of metal wire and CNC-milled window panes made of acrylic glass. The operating addresses are applied by means of tampon printing. The aim is to provide availability of the required Märklin parts assuming a production of about 20 models within six months.

Later releases will include versions of the Bordeaux Red 250 of the DR and the blue press locomotive. Also planned are designs in Orient red for Railion and Integro.

www.facebook.com/Zmodelltrains/
[zmodell\(at\)ukr.net](mailto:zmodell(at)ukr.net)

+++ Z-Panzer (Andrew Hart) +++

As in previous years, Andrew Hart focuses on developing exclusive models for the model railroad manufacturer AZL. Some of his vehicles can also be seen on his website.

Finished and packed in a noble wooden cassette is now the viable model of the German tank railcar No. 16 from the Second World War.



Tank engine No. 16. Photo: Z-Panzer, Andrew Hart

www.z-panzer.com

+++ 1zu220-Shop +++

The delivery of the covered freight wagon Gr 20 (art.-No. 49.334.201) has already begun without a brakeman's platform (ex-regional district "Kassel") of the DB for Epoch III with the new operating number 152 427. It is a unique version from FR Freudenreich Feinwerktechnik in a circulation of 63 pieces produced exclusive model. The model complements the recently released car with a brakeman's platform and corrected axle (49.334.191) in its own exclusive programme.



As a special car for the exhibition in Altenbeken, the Ghs "Brunnenverwaltung Bad Dietenbronn" of the Öchsle-Bahn (art.-No. 49.334.181) Produced by FR-Freudenreich Feiner Technik is exclusively available through the 1zu220 Shop – one copy per visitor.

Another FR-exclusive model has been manufactured as a special car of the 1zu220 shop for the exhibition in Altenbeken.

It is a heat protection car based on the type "Oppeln", which is used as a museum vehicle of the Öchsle-Bahn (49.334.181) to this day. This wagon carries the advertising address "Brunnenverwaltung Bad Dietenbronn" on the sides.

Only 44 specimens were produced, which will be sold at the beginning of the exhibition in Altenbeken.

Pre-orders are not available. In order to be able to serve as many customers as possible, only one wagon per person is delivered.

In the case of Wespe-Modell, three new car models were commissioned, in which it was not yet conclusively decided whether they were consistently assembled as a part of kits or for individual retail sale: Deutz Tractor F2L, Magirus Deutz fire engine LF 16 and Unimog 1400.

Wir verbinden Menschen - die Welt im Modell



Recklinghäuser Modellbautage

17.03 & 18.03.2018

Samstag von 10 bis 18 Uhr

Sonntag von 11 bis 17 Uhr

Bürgerhaus Süd

Lokomotivführerschein

Mini-LKW-Führerschein

Modellhäuschen bauen

Kapitänspatent

Ort:

Bürgerhaus Süd

Körnerplatz 2

45661 Recklinghausen

Eintritt:

2 €

Kinder bis 10 Jahre frei



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facebook.com/mtore/
facebook.com/schiffmodellbau/



**Sparkasse
Vest Recklinghausen**

Readers' letters and messages

Zetties and Trainini in Dialogue

Thank you for each letter to the editor and all the feedback that reaches us. Write us (contact details see imprint) - Trainini® lives from dialogue with you! Of course, this also applies to all suppliers in Z gauge, who would like to introduce innovations here. A representative image is our goal. Likewise, here we note any events or meetings with a significance to Z gauge reference, if we are informed in time.

Alsfeld at night-reader impressions with instructions:

The town hall Alsfeld of Kibri (art.-No. 36403) by day and by night... The model looks even better in the night view.



Town Hall Alsfeld with the holes for the insertion of the LEDs (image on the left) and in the nocturnal spotlight (image on the right).
Photos: Hartmut Schnittjer

I had had for a long time the idea of installing “floor lighting” a building. Since there are now LEDs and SMDs in different colours and sizes, I have opted for a Viessmann 5-pack, art-No. 3562 (white). Then it was a building.

My consideration was that the masonry which should be illuminated should be well recognizable. Since I had acquired several town halls Alsfeld from Kibri in a lot, the choice was one of these buildings. The arcades are firmly glued to the building, but the “superstructure” is loosely fixed. The grey boxes were removed with a sharp knife.

Furthermore, I wanted to colour the grout grey. Since a Pelican paint box with was available, the joints were made visible using the wiping technique. After drying the paint I drilled the holes in the bottom plate. The drill (2 mm) should be placed in the centre of the 4 pillars. Drill carefully (!) to avoid damaging the masonry. Since the “superstructure” was removable, I was able to drill from top to bottom in the outer pillars.

The pillars in the middle had to be drilled from the bottom up, as the oriels were in the way. So it has to be measured. Since the holes of Piers 1 and 4 already exist, a line with a ruler or a geo-triangle can be drawn between the holes on the underside. Next measure the distances between pillars 2 and 3, mark on the underside and drill carefully again.

When all holes are drilled, the LED can be pressed into the holes with gentle pressure and fixed from the bottom with transparent tape. I did not make the LED disappear completely in the hole, but only pressed it so far that the solder joints of the LED are not damaged. Then I connected the light and made it night.

The LEDs can be used for both DC and alternating current. It may be possible to place transparent tape over the hole at the bottom, which can resemble the glass covering of floor lighting. Another consideration of mine is to close the holes with light guides or similar, then perhaps a smaller hole can be drilled.

With regard to the drying of the paint, the floor lighting can be done effortlessly in two evenings. It is also possible to use SMDs with other colourings or for other buildings (church, castle, stone arch bridges, etc.). There are hardly any limits.

That was my approach. I hope that this has been explained to some extent for others to understand. Feel free to ask me! Have fun with the world's most beautiful hobby.

Hartmut Schnittjer, by E-Mail

A thank you for the English edition:

Thank you for the English version of Trainini. I have been reading for many years but my German is not so good that I have been reading it well.

(...) Again, thank you for Trainini in English. I hope it will increase your success greatly.

Eric McGrath, per E-Mail

German translation:

Danke für die englische Version von Trainini. Ich lese es seit vielen Jahren, aber mein Deutsch ist nicht so gut, dass ich es gut gelesen hätte. (...) Noch einmal, danke für Trainini auf Englisch. Ich hoffe, es wird Deinen Erfolg erheblich steigern.

Congrats on the 150th Issue in January 2018:

So it's done, the 150th Issue is on the way! Congratulations! I hope that I (equal 82 years!) can still celebrate the edition 175, because the information is always welcome.

I'm a Zettie since almost the first hour, unfortunately (due to lack of space) now only "box and showcase-railroaders." In my present apartment my old layout could not be accommodated, and I had to tear it down with a heavy heart. But in spite of everything I still remain true to Z gauge!

I wish now that Trainini continue a good growth, always good ideas and current topics! Maybe we can meet at Sinsheim!

Hans-H. Susott, Bretten

Start of the Z gauge in Iceland:

For a long time I am an avid reader of your magazine "Trainini". Last year I started to introduce the brands Märklin and Faller with my company "Litla Lestarástöðin" (Icelandic for "small railroad station").

Since the model railroading hobby in Iceland is not yet so strongly developed, and we are trying to increase awareness, it would certainly be helpful and informative to integrate your magazine "Trainini" (English edition) in our sales site and our Facebook page.

We have also established a railroad forum "Lestarárverdir Islands" on Facebook, in which we want to make your magazine known. Therefore, I would like to ask for your permission to distribute the monthly English-language editions on the above-mentioned pages. I would be grateful for the necessary information on what steps I have to take into account.

Frederic Rohleder, Hafnarfjörður (Iceland)

Editor's response: Of course, you may, in the context described in our imprint, set out issues of **Trainini®** or, as long as they are offered by us, link to them. If you are interested in offering your own licensed archive for our International edition, please let us know so that we can create a logo and include it on our website.

Delivery of a desired model begins:

For a very long time the Zetties had to wait for the heavyweight class 80 tender steam locomotive, which was long overdue as an Insider Model 2016. The process of producing them in lost castings was described in detail last year, and it was also explained that Märklin wants to accept the delivery delay to its customers so that the locomotives can have a perfect appearance.



Unverhoffte Glückwünsche zur 150. Ausgabe erhielten wir mit Leserbriefen und grafischen Gestaltungen. Bild: Peter Rogel

It was so far for the Toy Fair and the first 200 models arrived at the distribution warehouse. In the meantime they have gone on their journey to merchants and others, who have been eagerly awaiting, are likely to receive theirs soon.



Finally, the coal train for Epoch III (art.-No. 81352) in the delayed delivery and with it the class 80 heavy weight tender steam locomotive. The model makes a very good impression, and we will put it through our tests.

The first production model, which was exhibited in Nuremberg, made an equally good impression on us as those we were now able to see and photograph it. The train pack (81352), which includes four O 10 freight wagons and one of the O 11, in addition to 80 032 of the Bundesbahn, we estimate as a successful compilation.

The wagons have been implemented in various address forms (DB final, DR Brit-US zone before award, new DB designation with redrawing in DR-Brit-US zone) and enrich the appearance of the early Epoch III enormously. We will test the locomotive in detail in one of the next issues.

Venetian Gondola rides in Hamburg:

Shortly before the publication of this edition, the only 9 sqm Venice section was opened in the Miniature Wonderland in Hamburg, whose water areas take up one third of it. It presents itself somewhat separated from the rest of Italy, since trains and cars do not play a role in the lagoon city.

Nevertheless, the designers have used ingenuity to build and show the visitors attractive scenes and entertaining everyday situations.

On the 14 islands with 206 buildings and 26 bridges as well as 150 gondolas, 18 push-button actions are available. 4.000 light emitting diodes ensure effective illumination.



It's done: The Braun twins are pleased about the opening of the Venice section and with it the first layout's part in which the railway plays no role. We also want to take a trip there to this little, wonderful masterpiece. Photo: Miwula

In 35.000 working hours and with a cost of EUR one million, the decay of the historic city, the Venetian carnival, the bustle of tourists and the lives of the locals, but also the constantly recurring floods, were skilfully implemented into the model. Among the well-known buildings of the section are the Rialto Bridge, Procuratie, Doge's Palace and the Basilica.

The web pages of the Miniatur Wunderland are now being completely redesigned as well.

Imprint (Legal Information)

ISSN 1867-271X

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