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märklin

THE MAGAZINE FOR
CLUB MEMBERS

insider news

Exclusive: Technology trends in model railroads

THE FASCINATION OF Z GAUGE

More models, more functions:
The smallest Märklin gauge in the blocks

CLUB INTERNAL

Modules and running days in a class apart
New Club partner Oktorail

Interview:
Martin Lingsen, Märklin
Development Manager



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Phenomenal: the detailing of 05 003 shows the high level Märklin technology has reached in Z gauge. Product Manager Jürgen Faulhaber on the fascination of the smallest gauge.

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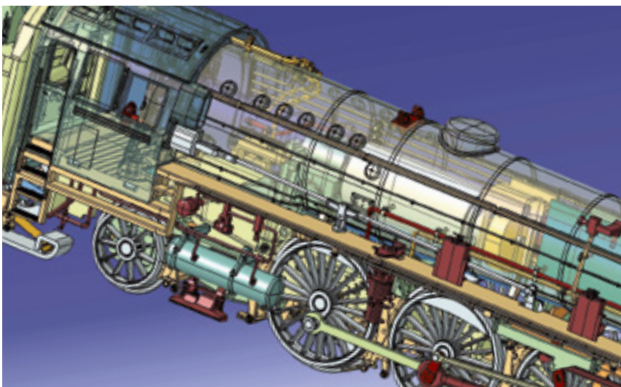


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Both as models and as prototypes, NOHAB diesel locos have a loyal following



High-tech model railroad: Martin Lingens, CEO of Märklin Engineering GmbH, gives an exclusive interview on trends in model railroad development.

Dear Märklin Insiders,

The Märklin Open days were once again a hugely enjoyable model railroad party, thanks to the huge number of railroad fans large and small celebrating in the main factory in Göppingen. Once again, the exchange of views between the Club members and Märklin management at the get-together went down extremely well. In the next issue we'll bring you detailed reports on the exclusive discussions which took place. The Märklin experience can be enjoyed at six fall exhibitions we are now looking forward to. This issue also includes a summary of where Insiders can enjoy reductions on admission fees.

As the model year 2014 draws to a close, we discuss with two experts where the model railroad is heading. Jürgen Faulhaber, as Product Manager Z gauge, explains the new qualities of the Mini-Club and using models, demonstrates where the innovations and trends lie. Märklin development boss Martin Lingens, who as CEO of Märklin Engineering GmbH is in charge of research and innovations, has the entire picture under observation. The effort being put into development in the field of design alone is illustrated in our poster depicting the use of the Catia CAD software at Märklin.

What power the love of model railroads can unleash is shown in our article on the H0 module builders of the MEC Herrenberg, who enthusiastically take part in one exhibition after another. Another astonishing report covers a private running day organized by three Insider round tables, where a 17-meter (55'9") long H0 train was running. Our Service section finally makes some suggestions for a trip out to Club cooperation partners in Bavaria and Franconia – and also presents a new Club partner: the great H0 Oktorail layout in Essen's Gruga Park Essen with 2,500 meters (8,200') of track and 200 Märklin model trains. Enjoy reading your Club News!

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MASTHEAD

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The following enclosures are in the Club mailing
05/2014: Märklin Insider News 05/2014,
Märklin Magazin 05/2014, brochure New Products
for Fall 2014, MHI Train Stories.



Don't forget your Club card! Many of the fall exhibitions like the IMA Cologne (picture) allow a reduction to Club members on the entrance fee (see table).

OVERVIEW OF FALL EXHIBITIONS IN 2014

Experience Märklin live

The many exhibitions in Europe as the year draws to a close offer a wealth of ideas and impulses to model railroaders and model constructors. Naturally enough, Märklin will be present at the major events in the sector with magnificent models in all the appropriate gauges and with impressive demonstration layouts. With the Club card, Club members receive a reduction on the entrance fee at many fairs – see the table alongside.

At the IMA in Cologne, the Club team will welcome Club members at the stand with a little gift. There will also be a premiere: the Club models for 2015 in H0 and Z will be on view for the first time.



Special cars: At the Märklin stand at the IMA Cologne, the H0 flat car with sliding tarp cover Shimmns (48314) with the advertising slogan "Früh Kölsch" will be offered.

Exhibition	Date	Home page	Club reduction
IMA Cologne	20 – 23 November, 2014	www.modellbahn-koeln.de	Production of Club card 10 euro instead of 13 euro
Modell Süd, Stuttgart	20 – 23 November, 2014	www.messe-stuttgart.de/modell	Production of Club card 10 euro instead of 12 euro
Faszination Modellbau, Friedrichshafen	31 October – 02 November, 2014	www.faszination-modellbau.de	Production of Club card 10 euro instead of 13 euro
Grote Model-spoor, Belgium	18 – 19 October, 2014	www.modelspoorexpo.be Center Brabant near Leuven	–
modell-hobby-spiel, Leipzig	03 – 05 October, 2014	www.modell-hobby-spiel.de	Online ticket – adult 8.50 euro instead of 11 euro
Suisse Toy, Bern	01 – 05 October, 2014	www.suissetoy.ch	–

Märklin has also produced a flat car with sliding tarp cover with the advertising slogan "Früh Kölsch" as an H0 special model, which will be sold exclusively at the Märklin stand.

In Bern at Suisse Toy the Märklin stand will be concentrating mainly on the Märklin my world battery-operated model range for children from three years and Märklin Start up for beginners.

For modell-hobby-spiel in Leipzig, there is a discounted online ticket for Club members which also gives privileged admission to the exhibition. Advance

purchase in the online shop of the day ticket costs 11 euro; on the day it costs 13 euro or on Sunday 12 euro. In the ticket shop (www.modell-hobby-spiel.de, see 'Besucher') Club members receive an online ticket for 8.50 euro, on entering the exclusive Märklin promotion code MKLMHS14. With the printed online admission ticket, the Club VIPs then march a green line straight past all the queues at the ticket booths.



Find Märklin exhibition schedules also on www.maerklin.de under Erlebnis/Veranstaltungen.

Club benefits at the DBK Historische Bahn e. V.

The steam and diesel running days run by the DBK Historische Bahn association create lasting memories. The passenger trains with baggage car for carrying cycles are hauled by “Bubikopf” 64419, assisted by diesel loco 212 084-8: on the Swabian Waldbahn the diesel is used as a pusher on the 2.5 percent grades. On production of the Club card, Club members receive benefits on the DBK Historische Bahn: for trips on the Swabian Waldbahn between Schorndorf and Welzheim there is a free drink, and if a family ticket was bought, there is a free drink for each family member. And for all long-distance trips organized by the association, Club members receive a



Photo: Gernot Riecker

Steam pleasure: excursion on the Swabian Waldbahn with the “Bubikopf”.

discount of 10 percent on the ticket price. Full information on the varied DBK program of special trains will be found under www.dbkev.de

Club trip to Hungary

A guided tour of the Märklin factory in Győr, railroad nostalgia, trips by train – the exclusive Club trip to Hungary from November 28 to December 5, 2014 will be an enjoyable experience with great entertainment value. Information on the trip with Club members will be found in the Insider News 04/2014, online as a PDF file in the Club area. Registration forms from Bahnreisen Sutter (www.bahnen.info).

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The Insider News already published will be found as a PDF file in the Club area under club.maerklin.de



Attractive rewards: for recruiters there are exclusive models in H0 and Z as rewards to be chosen – or a voucher.

“Insiders recruit Insiders”: Exclusive premiums are waiting

Our membership campaign with new premiums got away to a very good start, and it is continuing, although the closing date for participating in the draw for the major prize is on October 31, 2014. A draw will be made among recruiters by that date for a class VT 95.9 rail bus with trailer VB 140 (39950) – one of the Märklin product highlights in 2014. Generally in this campaign a member who recruits a new member to the Märklin Insider Club, receives a premium of an exclusively-produced special car in the gauge of his choice (H0/Z) – or else



First prize: All recruiters have the chance of winning the new class VT 95.9 rail bus.

a voucher to the value of 30 euro, 35 CHF or 40 USD, redeemable at a Märklin retailer. The procedure for recruiting a member is perfectly simple. The person interested logs on in the Club area under club.maerklin.de using the button “Become a Club Member”. During the

online registration, the person will be asked for the recruiter’s membership number and the premium requested. Alternatively download the form under club.maerklin.de (see: Model Railroading - Downloads), fill it out and send it to the Club admin.

“Z is a gauge for experts”

To improve the quality of Märklin models in Z scale, that is what motivates Z-Product Manager Jürgen Faulhaber. Functions, Fine Art and details – progress in the Mini-Club.




The world's smallest production line model railroad has to show how great it is in 1:220 scale. This is ensured by Jürgen Faulhaber, Product Manager Z gauge: “We are continuously improving quality at a material level and in the functionality, we continue to improve realism by means of details and painting, extend the range, add to the range of accessories and keep the track range up to date”. This is how Z gauge has become a fully-fledged gauge for the expert. “And because expectations are becoming higher all the time, we continue high-level development of Z gauge”.

The level of authenticity is to be seen in the valve gear of the 2012 Z-Club model, the class 01 steam loco (item 88010). “We have maintained this level, as is proved by the ‘Bubikopf’ 64 284 as 2014 Club model and 05 003 as a second 2014 Club model (for the first time)”, declares Jürgen Faulhaber. The 05 003 (88509) will be perfect for Insiders with extreme demands: “The Fine Art model is – and this is another first – hand-made in brass, it has pierced metal-spoked wheels and numerous functions such as the analogue-controlled ‘train approaching’ light and many other features”. The theme of realism continues with all the new designs, and will be incorporated in face-lifts for older models such as the class Gt 2x4/4

Jürgen Faulhaber, Product manager Z at Märklin:
“We will continue to develop Z gauge at the same high level”.

(item 88293) freight locomotive with its articulated chassis enabling it to negotiate sharp curves. A redesign, or face-lift, is an expensive exercise. “Tools and molds have to be altered – often they are completely remade. But the response we get from the model railroaders shows us that even this expenditure is worth the effort”. This is why the Z-gauge product manager has removed the practical, but not authentic, change-over switch from the roofs of the electric locomotives.

Boundaries are being pushed ever further in the printing field too, such as on the class 101 “Starlight Express Silver Jubilee” loco (88675) or the “Mouse Show Train” (81442). “With the era II E 19 (88087), many were fearing a simple reprint of the E 18, but she has been authentically finished in the finest dark red color scheme”, says Faulhaber, naming a further example apart from the DB promotional locomotives. The progress is also to be seen on the authentic railroad lettering – even express cars like the “Mintlinge” (87809) have considerably more printed detail than earlier cars had. “And we remove raised lettering plates and refine the ends of cars as well”. Sets of cars to match the locos also help reinforce the prototype character, such as the single-body-single-side dump car set (82434) for the W 232.01 (88132), the heavy-duty flat car set (82349) with flanged pipes for the class 218 loco (88786) or the display with ten different brown association type G1 11 boxcars (82559). The Z-gauge product manager’s commitment extends further than locos and rolling stock alone. That’s why he has reintroduced the turntable (89982) to the range, technically modernized in motor and connections. “In addition there is a laser-cut model of a six-stand roundhouse shed and the long shedmaster’s office building, the prototype of which is in the Heilbronn depot”, says Jürgen Faulhaber, who has had much positive feedback on the typical contemporary track with its concrete tie finish (85051). “We stick close to the original with accessories like track and the laser-cut buildings too”.

In the meantime, production of Z models in Märklin’s Göppingen-Győr joint factory partnership is running smoothly. “An intensive exchange takes place – I go to Hungary about three times a year, while the design manager comes to Göppingen every month”, as Jürgen Faulhaber tells us. If today, a faulty product is delivered – and that’s a very rare occurrence – for the Z-manager that’s no longer a question of a production quality fault. “Z-gauge models are complex mechatronic and highly-detailed pieces of work, and human error can never be entirely eradicated”. And they are rectified: one of the locos had its road number missing on one side, and the supplies were stopped immediately. The N-railroaders were then sent a body which was correctly lettered. 

*Text: Rochus Rademacher
Photos: Kötzle, Märklin, Claus Rudolph*

1 MASTERLY PAINTING



Impressive: The painted finish of the “Starlight Express” (88675) requires 84 separate printing operations. Generally, a second printing enhances the brilliance of the colors. For complex color coordinates, Märklin even works with several different color systems.

Blanket coverage: The Märklin paint-shop masters some extreme challenges: on the “Mouse Show Train” (81442) for example, motifs were printed in 3-D on the roof and without offset over the windows and doors.



2 MIGHTY FREIGHT CAR DISPLAYS



Long and without a flaw: with the freight car display consisting of 20 different funnel-flow tank cars of types Zans/Zacns (82530) an authentic, incredibly long block train can be put on the rails. The official railroad lettering has also been faithfully copied from the prototypes. The Märklin printing can even print letters with a height of just 0.1 millimeters.



3 VISIBLE QUALITY

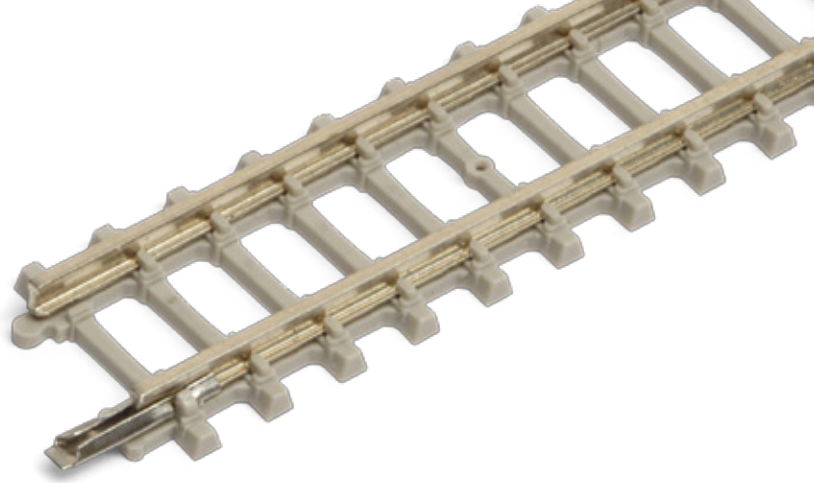


Precision engineering: The delicate running gear of the class 96 Mallet loco (88294) of era III is made of metal. Connecting rods, reversing gear, brake gear and snow-plows on the 2013 Club model are reproduced extremely accurately. The running gear is now also to be seen on class Gt 2x4/4 number 5767 (88293) of the Bavarian Group Administration of era II, the later class 96.

4 LIGHTING

Lighting technology: Headlights with warm white LEDs, as on the 2012 Club model (88010, pictured) are standard. On the second of the 2014 Club models, 05 003 (88507), the ‘train approaching’ light is already analogue-controllable.



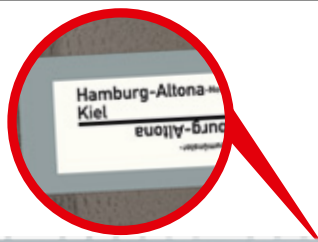


5 MODERN TRACK RANGE

Brilliant: with a newly-designed piece of track having a gray tie finish (85051) Z gauge is now portraying the most modern condition of railroad trackwork. Tie geometry is also true to scale. In a further development of the track range, a version will be produced as flex track (85941).

6 REALISM IN MINIATURE

It all depends on the details: in the window of the era V DB passenger car in the “Mintlings” set (87809), the train routing sign is printed – and naturally, it can be read with a magnifying glass.



A nose for detail: with its buffer-plate warning stripes, the 50 1301 (88843) gains in realism. The impression is further enhanced by elements like modeled rail guards or imitation brake gear on the chassis.



7 FINEST HAND CRAFTSMANSHIP

Triple premiere 2014: The 05 003 (88507) is in the Märklin Z-gauge range for the first time, she is the first production of a second Club model in a year and as a Fine Art model is hand-crafted in finest brass design. Many rows of rivets adorn the casing of the streamlined loco, the engineer’s cab has a representation of fittings and many details are applied separately such as the ladders and hand-grabs on the tender (picture left). The 05 003 has its cab leading, so the smokebox door is found at the back (right).



8 ACCESSORIES WORTH SEEING

Basic accessories: Märklin sees it as an essential to produce basic accessories for N scale – so for example, the turntable (89982). Included with this there are two three-stall roundhouses and a model of the shed-master’s office at Heilbronn depot as laser-cut card construction kits.



INTERVIEW: MARTIN LINGENS, MÄRKLIN DEVELOPMENT MANAGER

Fascination of technology

Thanks to new technologies, model railroads have experienced a tremendous development boost. Martin Lingens on the challenges now faced.

Märklin Development Manager Martin Lingens is also CEO of the Märklin Engineering GmbH.

Where do you see the greatest changes in model railroads in recent years?

Lingens: Through greater detailing and additional functionalities, Märklin has created a world of play which has moved even closer to its prototype. Depending on the model, pantographs can now be raised and lowered, or – like on the new steam locomotive 01 138 – a load of coal can be lowered to represent its being used. We supplement these physical functions with sound and lighting functions which represent many situations in prototype practice. So the overall behavior of the locomotive as a mechatronic product has become more realistic.

What are the important milestones along the way up to now?

Lingens: The first step of all was the introduction of the digital system by Märklin 30 years ago; for the first time it was possible to control locos individually in a single electrical circuit, and to control separate functions for the first time. In a second step, models started being fitted with sound decoders – pioneer here was 3780, the V 220 007-9. Starting there, today's standard sounds like the rumbling of the diesel engine and the locomotive whistle were developed. In the third step, we have extended the communications within the digital system with the mfx system.

What effect in particular did introducing the mfx system have?

Lingens: Communication between Central Unit and decoder was designed in one direction. Mfx now allows two-way communications. It's no longer just a matter of commands from the controller to the loco; the loco now logs on with its own address, and complicated reprogramming of the loco address with the 'mouse keyboard' is no longer needed. In the fourth and latest step, we are gaining further information from the loco. →



Development boss Lingens: "The model on the layout will always be the central attraction – control functions like mfx+ merely enhance the quality and intensity of the play experience".



This is presumably with the mfx+ protocol extension?

Lingens: Yes, by making more use of bidirectional communication between loco and decoder we can read out information from a loco as to data for recording the load on the motor. From this data, we can calculate the supply consumption during play. That means we transmit concrete data from the model loco as in real life on the consumption of resources such as water, coal and sand. Only Märklinists can play so realistically. The mfx+ technology allows us to equip a loco even more realistically with an engineer's position.

Is the model railroad not thus transferred into the virtual world?

Lingens: This is not a matter of web-games. At Märklin, the model itself – the locomotive – is in centre stage, as it has been for well over 100 years now. There are additional operating and control functionalities in and around it, but it is the model with its visual refinements which is under the spotlight. The mfx+ equipment does admittedly increase playing enjoyment and ability to experience enormously.

What more worlds of experience are feasible?

Lingens: Let's say that on the engineer's control panel of 01 138 the engineer adds coal to the fire, the firebox lights up and the sound of shoveling coal is heard. Technical advances such as LEDs in components contribute to this. Using white LEDs with adjustable lighting intensity, we model ever more authentic light controls, and with the 'aux' functions of the decoder every output can be set individually. This is how interior lighting such as the table lighting with random switching in the Insider model "Donald Duck" is designed.

It's not just model technology, but also the design which has advanced. How useful is modern CAD software?

Lingens: The advantage of powerful software programs like Catia lies in the wide variety of databases the company uses. Catia is connected to a product data management system.

Design department creates the 3-D data, and these are then incorporated in the various development stages of the model. This ranges from tool design through tool filler simulation for the zinc die-casting to exploded drawings.

Where are the challenges today in the development?

Lingens: When designing the model, the design engineer always has to find a compromise in the tricky area bounded by robustness, running capability – above all on small radii – and the high standards of authenticity and delicacy of design we seek. And however complex, manufacturing costs must always be kept within specified limits.

Current examples of developments

Lifelike: Typical boarding and alighting scenes are shown on four integrated displays on the class 648.2 commuter diesel railcar set (39730) in digital operation.




You are also CEO of Märklin Engineering GmbH. What is the contribution of this ideas workshop?

Lingens: Counting all brands, Märklin brings well over 400 new products to market every year. In the Engineering GmbH, independent of the strictly-defined development process of our parent company, we examine brand new ideas as to their feasibility. Some examples of this are the rising and falling coal load with its motor drive, mfx+ functions or process concepts like 3-D printing and cast parts with integrated switches. For the innovation process, Märklin Engineering GmbH also keeps in very close touch with colleges and technical universities. This way, young engineers are always able to offer fresh impulses.

What are the most important subjects for the future?

Lingens: There are a whole stack of them: simpler controls, more extensive plug-and-play for vehicles, decoders, drive and track systems as well as supplementing the main controller Central Station by operating concepts such as the Märklin Mobile Station Apps on smartphones and tablet PCs. And naturally, we continue down the road to realism, both in the design of the models and their operation with the mfx+ approach.

The idea of a plaything is not being abandoned then?

Lingens: A Märklin loco always was, and is still, a plaything of value. Many model railroaders tell me that the Märklin products they had as kids were the decisive factor in their taking up a technical training. Today, mechanics and electronics are supplemented by programming. If we succeed in promoting the awareness of these disciplines once again, this will reinforce the future viability of the model railroad hobby and attract the younger generation to the engineering professions. 

Text: RR/PW, photos: Kötzle, Märklin

Martin Lingens

Märklin Development Manager



Märklin's development section combines the expertise of some 90 staff from the fields of tool making, product design, electronics development, art work and design services.

“The future is plug-and-play with locomotives, decoders, drive and track systems.”



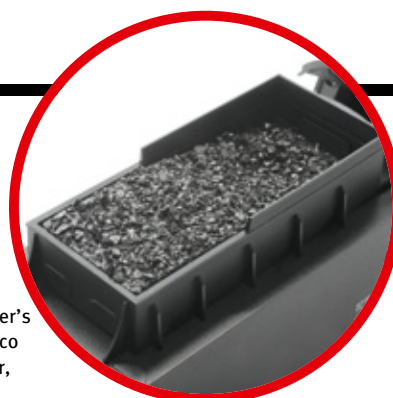
Possibilities for applying for student work at Märklin Engineering GmbH will be found under www.maerklin-engineering.com



Play tasks: engineer's positions on locos with mfx+ equipment make it possible to "drive" the locomotive while controlling the use of operating supplies. The level is determined by a phase model. Picture: engineer's position of an older electric loco.



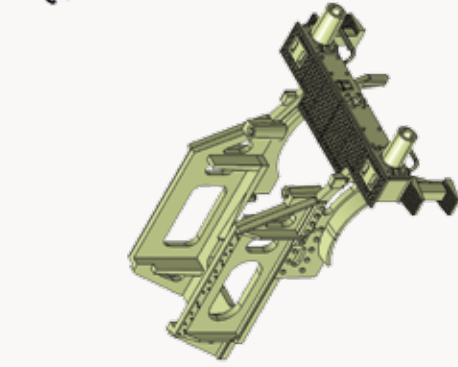
"Real" driving: for a steam loco engineer's position, concrete data of the model loco are transmitted for resources like water, coal and sand.



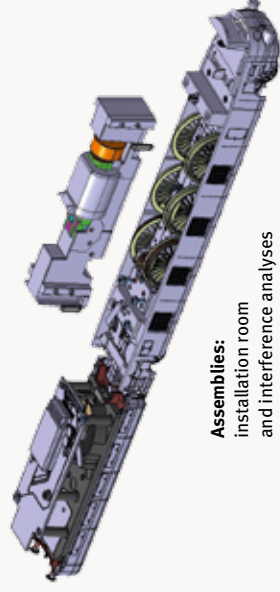
Realism: If coal is added to the fire on O1 138 (39008) using the mfx+ engineer's position, the sound of coal being shoveled is heard and the fire-box flickers. At the same time, the coal load in the tender is lowered by a servo motor (pictured).

Technology in detail

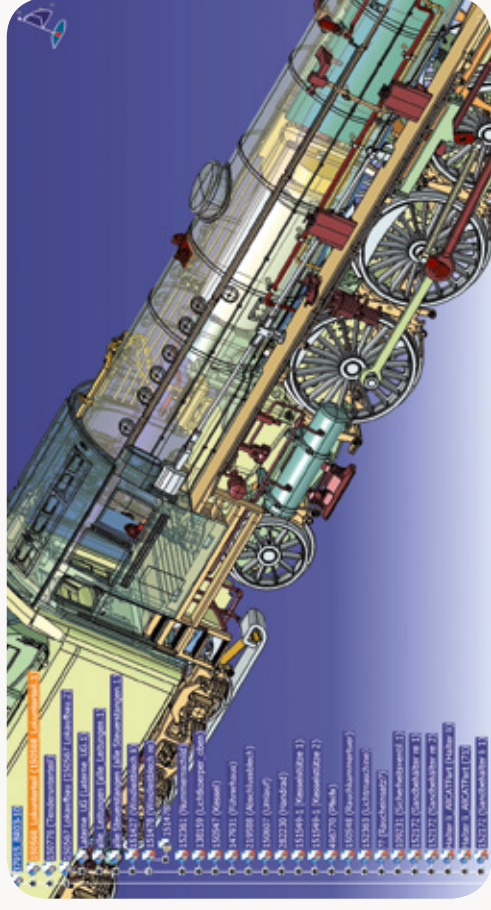
Märklin locos are highly complex workpieces with an enormous amount of detail and their design demands the use of powerful CAD software so Märklin Design works with Catia, the industry standard for development work in high-tech branches.



Detail design: on average, an H0 loco is composed of over 300 individual parts, whose design data are created with the Catia CAD software, and every rivet, every pipe and every wheel has to be defined, including tolerances and fitting. For the generation of a wheel, Märklin Engineering GmbH has developed a design aid which enables a wheel to be designed for a particular model by laying down over 30 parameters such as diameter, number of spokes, balance-weights and rod attachments.



Assemblies: installation room and interference analyses guarantee the developer optimum use of space, which is very helpful when fitting components like the motor, gearbox and decoder.

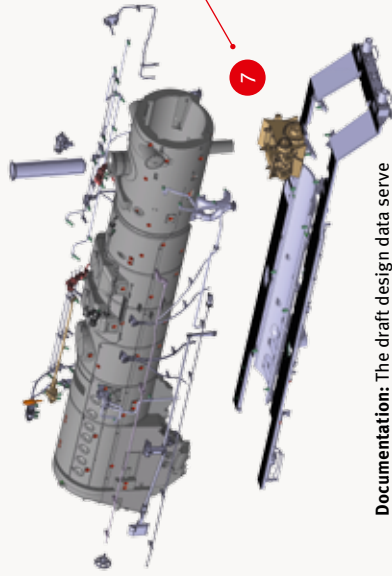


Complexity: the CAD software offers the designer a host of working views. Whether it's a detail, an assembly or a transparent view (pictured) of the workings, the state of development is visible at all times. Due to the large number of parts there is a high level of vertical integration at Märklin and Catia and associated software modules ensure efficiency with a uniform data scenario. The CAD software is also the platform for product development at different locations.

Catia

- 3-D design
- 3DIA Composer

- Enovia Smartteam
- Keyshot



7

Documentation: The draft design data serve as basis for exploded drawings. The software automatically pulls the individual locomotive parts away from one another in perspective, and the illustrations in the owner's instructions are created in the same way.



6

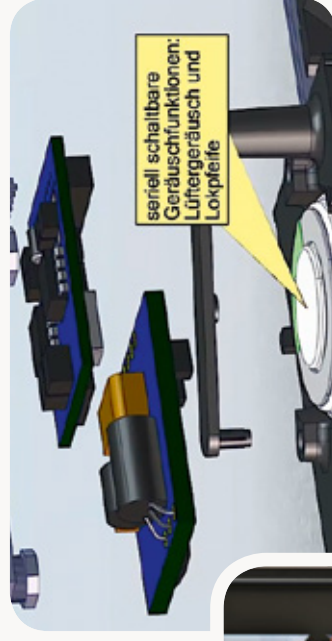
Uniform world of data: The software Enovia Smartteam manages the development data and this way the data models form the working basis for many other specialist areas in the continuous production chain such as tool design or printing preparations (illustrated). The draft data can also be used for the NC programming.



The Catia software by Dassault Systèmes is used for design data for large constructions such as airplanes or cars, as well as for highly integrated workpieces like watches or complicated machinery. Märklin has been working with the CAD software since 2010 as well as with modules for visualizing the 3-D data.

4

Visualization: with the help of high-power computer performance, pictures with photographic realism can be created from the 3-D data. Every detail of a model is recognizable in the so-called 'rendering'. This is used to assess how the model will look and be presented for marketing and distribution. The rendering can also be used for video-clips.



5

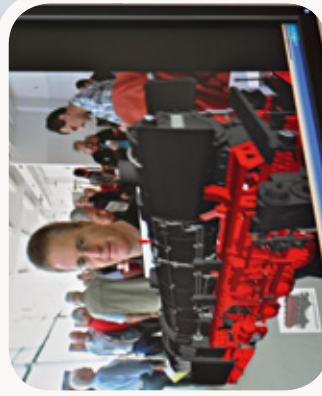


Illustration: The technical illustration is not based on individual points in the picture; it represents for example assemblies (above), irrespective of definition. The representation can be animated, such as with the VT 95.9 (see internet reference below) or the Club model E 17 111 (37061; see www.schwindt.eu/maerklin.html). 3-D model data can also be used for an augmented reality representation (left); the volumetric model is embedded in illustrations of the real world.



You will find an animation of the VT 95.9 (39950) railroad created with Keyshot on the internet under www.maerklin.de/de/produkte/sondereditionen/schienenbus_VT95.html



Attractive trivia: The model railroaders of the MEC Herrenberg score with varied running operations and imaginatively designed scenery.

— PORTRAIT THE MODEL RAILROAD CLUB HERRENBERG UND GÄU E. V.

Passion for Design

The Model Railroad Club Herrenberg is regarded as a passionate public relations organization for the model railroad hobby. As a means to this end, the club shows its modules at exhibitions and running days. With great success.

A plate of pea soup with sausage steams in front of each MEC club member. Günter Böing, the club's prototype expert, takes advantage of the club's weekly meet to celebrate his birthday a few days late. Almost two dozen of the members are enjoying themselves there with laughter and not a little teasing. More arrive a little later. "Most of our 28 members are in the 35 to 50 age group; the club has to allow for family and occupation", says

Gerald Wirag, by way of apology for the latecomers. The age profile does however have its advantages: the model railroaders are performance freaks. "We have over 25 H0- and over 70 N-gauge modules which we display at many shows put on by associated organizations, and use above all at our own running days". And to avoid any possible misunderstanding right away, larger modules are made up of several elements. For example, the H0 staging yard by Michael Hohmann is a good six meters (20') long – and like all MEC modules, is a bit special. "I laid some



Another aspect of police work: It's not always sirens and blue lights flashing: this is everyday training on the police dog training course.



Unusual subject: Police, technical relief agency and fire department examine a fly-tipping site with car wrecks.

of every type of Märklin H0 track – 20 variants of the M-track alone”, the Märklinist – who is also deputy chairman – reports. “The visitors are fascinated – they can see public favorites such as the ICE and the ‘rail Zeppelin’ parked side-by-side there”. Or a V 200, which Hohmann as an Insider automatically refers to as ‘3021’. The catalog number, of course. “The visitors goggle too when they see an eight-meter (26’-plus) H0 train roll by. Our N-gaugers’ record is a train three meters (10’) long”.

Whether town fair, summer fête or Christmas market – the club always opens its doors and sets up layouts in the club rooms. Since 2009, the MEC has been operating on a much larger scale. “We were once offered the use of an enormous hall which was standing empty, so we invited other model railroad groups to join us – and in 2-1/2 days, we had 3,500 visitors”, Michael Hohmann tells us of their success. In the meantime, the

Herrenberg Civic and Functions Hall is hired for the “Great railroad show”, which takes place every two years; the next one is on 10 and 11 January, 2015. “Layouts in H0, N and 0 gauges, specialists for Rhaetian Railways and American trains, lots of retailers – it’ll be huge fun again”, as Gerald Wirag assures us; he can always count on the commitment of everyone – even family and friends help out. Or, as Jochen Schilling puts it: “We are all there when it comes to the crunch”. Then an H0’er will look after an N module, and an N-gauger will help set up the H0 layout. “At exhibitions, you show off what you have created and you can inspire others to take up the hobby”, is how Michael Hohmann defines the driving force behind the enthusiasm for exhibitions.

Gerald Wirag nods: “It’s a fact; a hobby needs feedback”. In general, model railroading has many facets; →

At the control desk: (from left) MEC chairman Gerald Wirag, Michael Hohmann and Lukas Ritter, the club’s youngest member.





Journeyman's piece: the club is blessed with many talents – the bridge construction site was built by Jannik Tell in 2007 when he was 14, as his very first H0 module.



Inclusion: Abstract design elements from Tennental, a community catering for able-bodied and disabled people.

→ there are collectors, rivet-counters and those who like to play trains, while member Marcus Hammer likes to collect everything to do with Coca Cola, including models. And Dietmar Knof simply specializes in blue trains. “The great thing with the club is that we can all live out our fancies amongst people of like mind and the particular expertise of each of us is valued. We help each other, everyone learns and this in turn helps us not to repeat mistakes”.

That applies above all in module construction. Running is analog, and on K-track, because this can also be used by DC operators. Gerald Wirag adds “Landscapes are supposed to be designed with a summer atmosphere”. “For H0 and N there are aluminum patterns for the transitions, one for a flat and one for a hilly landscape”. This means that all the modules in one gauge can be joined up almost as you like. Otherwise there are no specific rules for landscaping; modules are built by members out of their own pocket and are their property. To demonstrate the great freedom, one of the corner modules was made in the workshops of the neighboring Tennental village community, a

The Model Railroad Club

Herrenberg und Gäu e. V.

“It all started in 1977, when eight model railroaders got together after an advert appeared in a newspaper”, says Hannes Friedrich. “We wanted to get together to build layouts and talk shop, and we assembled a specialist library. On top of that, we would make carefully-planned excursions by train”. Much of this is still characteristic of the MEC Herrenberg. Every week, the members meet in their clubhouse, according to the time they can spare and what they feel like. “Our catchment area spreads from Herrenberg to Stuttgart and the jewelry capital of Pforzheim”, club chairman Gerald Wirag tells us. “Most of the 28 members have their own key to the clubrooms, so that they can get in at any time, whether just to have a coffee with others, or on their own to work on a module”. Alongside the H0 Märklinists, MEC members include N-gaugers, and more recently, 0 gauge enthusiasts.

One weakness they have in common is for public running days. At the turn of the year alone, there are two public H0 Sunday running days in the clubhouse and an N-gauge running day. In addition, the MEC and its modular contributions enrich exhibitions such as the Modellbau Süd in Stuttgart. And every two years, the club's own “Great Railroad Show” takes place with the help of many associated model railroad organizations. The next date is 10/11 January 2015 in the Herrenberg Civic and Functions Hall.

The MEC Herrenberg meets on a Wednesday in the clubrooms, at Hindenburgstrasse 15, 71083 Herrenberg, Germany. Contact is possible by post (Eschenweg 20, 71083 Herrenberg, Germany), by e-mail (info@mec-herrenberg.de), over Facebook (www.facebook.com/mec.herrenberg) or over their homepage (www.mec-herrenberg.de).



Links with the home: the club emblem, a class E94 loco, was once at home in the Herrenberg area on the Gäubahn.

living and working community for people with and without disabilities. The abstract buildings and landscape elements made of wood are immediately noticeable, but it's an attractive aesthetic contradiction about which the MEC is quite relaxed. Or, as Club chairman Gerald Wirag appositely says: “On a module, the technology has to be right, and that's that!”

“We enjoy building, have fun with the railway large or small and we enjoy each other's company – the MEC is like a large circle of friends”, says Märklinist Michael Hohmann explaining the attraction of the group. And naturally it's enormously satisfying to give so much pleasure with your hobby to so many people. //

*Text: Rochus Rademacher
Photos: Kötzle, Märklin, RR*



You will find information on the MEC Herrenberg and on the “Great Model Railroad Show 2015” on the homepage www.mec-herrenberg.de

Promotional models

August/September 2014

4482.149 „Keymile“*

HO

Keymile GmbH, 30179 Hannover, Germany



4415.832 „Oktorail“

HO

Jim Knopf Modellbahnen, Ruhrtalstraße 101,
45239 Essen, Germany, Tel. +49 (0)2 01/5 07 38 13,
modellbahn-west@web.de, www.modellbahn-west.de



94434 „Elbphilharmonie“

HO

Miniatur Wunderland Hamburg GmbH, Kehr wieder 2, Block D,
20457 Hamburg, Germany, Tel. +49 (0) 40/30 06 80-0,
info@miniatur-wunderland.de, www.miniatur-wunderland.de



98124 / 94437 „125 Jahre Speicherstadt“

Z / HO



8600.159 / 4415.587 „Oktoberfest 2014“

Z / HO

Märklin Flagship Store Munich, Bahnhofspl. 7, 80335 Munich, Germany,
Tel. +49 (0) 89 / 24 20 66 36, epost@maerklin-store-muenchen.com,
www.maerklin-store-muenchen.com



4415.586 „Dampflokk-Feste“

HO

bahnshop.de, K-M Service GmbH, Georg-Kerschensteiner-Str. 8, 63179 Obertshausen, Germany, Tel. +49 (0) 61 04 / 40 01 90,
bahnshop.de@K-M-Werbemittel.de, www.bahnshop.de



4415.589 „Inselbahn Wangerooge“

HO



Please note that promotional models are only manufactured for Märklin retailers or for commercial or industrial companies (the latter are marked with an *). Models marked with an * are not generally offered for sale and therefore, no addresses are given. Only models already delivered may be publicized, and only when the customer has given explicit permission for this.

Illustrations of the Z models not to scale.



Pure running pleasure: Trains snake their way along the dog-bone layout through school rooms and along the corridors; stations, bulk freight terminals and container transshipment all make for enormous marshaling fun.

ROUND TABLE ACTIVITIES: TABLE RAILROADING

Running days in a class of their own

17 meters – that was the enormous length of one of the H0 trains at the table-top railroaders meet of the three round tables MIST4, MIST42 and MIST47. Guests too were able to lend a hand on the 930-meter (3050 feet) long running lines: enthusiasm is infectious.

Four things are essentials for a “table railroading event”: space, tables, track and models. And obviously, running enthusiasts. There are plenty of these in the Rhine-Ruhr conurbation. A dozen active C-track users got together for privately-organized running games, from the Insider round tables MIST4 “Ruhrpott”, MIST42 in Wuppertal and MIST47 from Kamp Lintfort. The meet was arranged in a school in Meerbusch, near Neuss, during a school holiday.

“We set up on a Wednesday afternoon after school had finished, with first trial runs around 21:00, then we ran until Sunday morning, took it all down, held post-mortem discussions and cleaned up the schoolrooms”, says Torsten Jahnke, MIST42 spokesman, as he summarizes the event. There was some fantastic table-topping too; a 364-meter (1194-feet) ‘circle’, with 950 meters (3116 feet)



Ready for service: steam, diesel or electric loco – at the table-top railroaders' running day, all forms of traction are welcome for regular service.



Freight transshipment: complicated arrangements of turnouts with cranes are a popular terrain for the play enthusiasts.



Record train (above): to match the long running lines, the train which was once the longest passenger train in the world on the Netherlands Railways from the Märklin range.



There must be a break: food, drink and chatting are all part of table-topping with MIST4, MIST42 and MIST47 (left).

of track. “At a scale speed of 100 km/h (62 mph), the time taken for a complete circuit was 18 minutes 32 seconds – measured by the Märklin measuring car No. 49961”, Torsten Jahnke tells us. The longest train which was run regularly was 17 meters (55'9”) long and was made up of 80 cars. “Typically, perhaps, an American-style triple-header, with metal freight cars”.

Guests too were hijacked to help with the controls. “There were even schoolchildren there, despite no school, weekend and all, who turned up to take part”, says the Insider, referring to the infectious nature of the table-topping railroading events. It was only possible to achieve a realistic operation of the bulk goods operations with two loading points and one discharge station when the visitors pitched in to help. It was also necessary to serve the container terminal on a regular basis. “The entire exciting running operations could only be realized digitally, as there were several locomotives on the rails in each of our large freight depots”, Jahnke points out. “Due to the length of the running lines and the number of different rooms, most of the engineers accompanied their trains and controlled them with the app using either a smart phone or tablet”.

Plans took months to finalize, and the definitive track diagram was only ready 24 hours before the event. The enjoyment of it all was getting out of the hobby room, planning it all together, setting it up and getting everything running, according to Thorsten Jahnke. Due to the fact that there many Insiders who visit different round tables and have any amount of C-track, over the course of time a number of different events has developed, and one of these is a regular five-day event in a youth hostel. “Despite the demands made of them, there are very seldom loco defects – the commonest problems are short circuits caused when raiiling or by derailments”, the MIST42 spokesman says. “But there was a breakdown train with low-loader ready for action”.

Text: RR, photos: MIST4, MIST42/Thorsten Jahnke, MIST47



Contact details for the three round tables will be found in the comprehensive list of Märklin Insider round tables in the download area of the Club homepage under club.maerklin.de

Railroads galore

Your Club card should always be taken with you; after all, there are cooperation partners offering reductions on entrance fees on presentation of your Club card all over the place. You can see that on a trip through Bavaria and Franconia.

Three top-class family excursion destinations are at home in zip code areas 82 to 89: in Geiseltal, Bavaria Filmstadt (info: www.filmstadt.de) looks forward to welcoming Club members – 300,000 visitors are guided every year through the film and TV environment of Bavaria film sets, villas and studios. Just as fascinating, the Ravensburger Spieleland (Land of Games) (www.spieleland.de): over 60 attractions can be enjoyed in the popular leisure park by Lake Constance. The third destination is terrific: in the Steiff Museum (www.steiff.com) in Giengen (Brenz) there are the teddy bear exhibition, worlds of experience, the Steiff

pets' corner as well as a sewing room and demonstration manufacture.

Less cuddly, but no less worth seeing are the exhibits in the big prototype museums in Bavaria. Bahnpark Augsburg (www.bahnpark-augsburg.de) looks after giants like 44 606, with a service weight of 170 tonnes, or 03 295, which has driving wheels 2 meters (6'6-3/4") in diameter. Apart from turntable and locomotive hall, the "Glass steam loco workshops" and the TEE exhibition offer entertainment and an H0 layout brings the era of the famous Trans-Europ-Express trains back to life. Since 1985, the Bavarian Railroad Museum (BEM) Nördlingen (www.bayerisches-eisenbahnmuseum.de) has brought a large part of the dismantled or abandoned equipment and trackwork of the former Nördlingen depot back into service. The BEM is known for its museum events such as the Rieser steam days and museum trips such as those with 41 1150-6, which is currently deputizing for S 3/6 No. 3673:

the graceful Bavarian is being overhauled in advance of her 100th birthday in 2018. As well as the oldest serviceable steam locomotive in Germany – the loco "Füssen", built in 1889, the museum has 25 steam locos ranging from the class 01 to the class 44.

The heart of Loco World in Freilassing (www.lokwelt.freilassing.de) beats in the roundhouse loco shed, built from 1902 and containing 20 stalls – most of the locos here belong to the German Museum for mobility and transport (Deutsches-Museum-Verkehrszentrum), there are other railroad exhibits and an authentic model of the Freilassing depot as a model railroad layout. As well as steam locos, electric locomotives such as E 103 167-3 and E 44 508 are also stabled here.


The Öchsle-Bahn Operating Co. Inc. (www.oechsle-bahn.de) in Ochsenhausen has the narrow-gauge locos 99716 and 99788 in service on its preserved railroad. Here special trains are frequently run through Upper



Excursion delights: Mini train, steam loco workshop and many exhibits – the Bahnpark Augsburg is a super address for railroad enthusiasts.

Swabia. It is planned to have the original 1899 Öchsle loco 99 633 fully restored and in steam on the line in 2014 as well.

Attractive exhibition layouts in the Allgäu

Layout enthusiasts really have value for money in the Allgäu. In the Allgäu Railroad Museum and Shop, Marktoberdorf-Thalheim (www.eisen-bahn-museum-allgaeu.de) there are showcases full of locomotives and railroad cars from 1920 to the present day as well as a model railroad layout portraying the 1950s/1960s era. The museum shop sells accessories. The Miniwelt Oberstaufen (www.miniwelt-allgaeu.de) finally scores with models of well-known lines along the Rhine and Moselle Valleys. The H0 model landscape spreads over 300 square meters (3230 ft²). 

Text: Rochus Rademacher

Photos: Markus Hehl, DB/Jet Foto Kranert, DDM, Miniaturland Treuchtlingen, Thomas Freidank



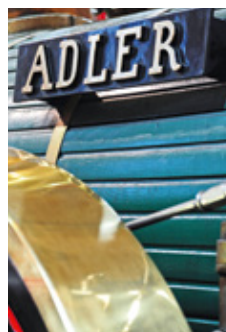
The complete current list of cooperation partners will be found in the Club area under club.maerklin.de



Club cooperation partners in Franconia

UNIQUE PROTOTYPE COLLECTION

Venerable: the DB Museum is the oldest railroad museum in Germany. The collection dates back to 1882.



90443 Nuremberg, Germany, DB Museum in the Nuremberg Transport Museum

Lessingstr. 6,
Tel.: +49 (0)9 11/2 19 24 28,
info@db-museum.de
www.db-museum.de

Club benefit: Club members receive a reduction of 1 euro on the entrance fee for an adult.

GERMANY'S LARGEST N-GAUGE LAYOUT



Extensive: In Dietenhofen, 488 meters (1600') of track are laid and over 80 trains run – that way, N gauge impresses everyone who visits.

90599 Dietenhofen, Germany, Miniatur Erlebniswelt

Langenzenner Strasse 10,
Tel.: +49 (0) 98 24/92 31 20,
info@miniatur-erlebniswelt.de
www.miniatur-erlebniswelt.de

Club benefit: Club members receive a reduction of 1 euro on the entrance fee for an adult.

250 SQUARE METERS (2691 FT²) OF MODEL RAILROAD



Anniversary: The popular Miniaturland has now been open for ten years. Between 15 and 28 of the 218 trains are always running on the tracks, which have a total length of 2,500 m (8200 feet).

91757 Treuchtlingen, Germany, Miniaturland Treuchtlingen

Elkan-Naumburg-Straße 35,
Tel.: +49 (0) 91 43/83 78 51,
mail@miniaturland-treuchtlingen.de,
www.miniaturland-treuchtlingen.de

Club benefit: On presentation of their Club card, members pay 4 euro instead of 5 euro entrance fee. Children up to 12 years pay 2 euro instead of 3 euro.

CRÈME DE LA CRÈME IN THE STEAM LOCO WORLD



An experience: "Bubikopf", "Glaskasten", class 50 or the proud 18612 (photo) – the steam loco museum at the foot of the "Schiefe Ebene" ('inclined plane') is home to legendary steam engines.

95339 Neuenmarkt, Germany, Deutsches Dampflokomotiv-Museum

Birkenstr. 5,
Tel.: +49 (0) 92 27/57 00,
ddm@dampflok-museum.de,
www.dampflok-museum.de

Please ask the promoter directly for details of the Club benefit.

Time travel

Terrific: the large train shed of the Oktorail layout is two meters (6'6-3/4") long and the platforms are seething with passengers.



The general subject of Oktorail is the manufacture of steel (left). That's why there are also mighty block trains in an industrial atmosphere (center). In the course of the layout, freight trains pass by castles in the Alps.

The Gruga Park in Essen has a new sensation: the large Oktorail H0 model railroad layout with an area of 460 square meters (4950 ft²) and 2,500 meters (8202') of Märklin C-track. Highlight of the miniature world devoted to the subject of steel is that as you progress through the layout, buildings, cars and trains all become more modern. The journey through time starts in the industrial region of the Ruhr of the 1960s and ends in 2014 – at the start, steam locos are snorting along the tracks; at the end, the ICE and a bi-level train hurry past.

“On our layout there are over 200 Märklin model trains, 12,000 model trees have been planted and over 10,000 figures bring life to the model towns and industrial installations”, says Oktorail boss Jens Kürvers, outlining the layout’s profile. It was designed with model railroad enthusiasts and families in mind as well as classes of school-children and their teachers: “Oktorail is recognized as an out-of-school learning facility, and it illustrates graphically the question of how steel is made”. There are highly-detailed models of mines, cokeries, furnaces and steelworks to be seen. They explain the production stages of steel from the basic raw materials of coal and iron ore. A model car factory with working assembly lines illustrates how vehicles are made through to the ‘marriage’ of chassis with bodywork. Model trains finally transport the finished H0 cars through an Alpine panorama to northern Italy. “With this scenario, model railroaders get a glimpse of enchanting tunnels, mountains and bridges”, explains Jens Kürvers. There are also lifelike everyday scenes to be discovered, such as a colorful circus or a lively fairground.

The industrial buildings authentically placed in the landscape are of an impressive size. “Roy Genkinger from Switzerland spent



Party mood: after work at the fairground is effective when the lights go down.

almost 16 years working on the model furnace alone”, reports the Oktorail boss. “The mine, the cokery and the steelworks are all kits by the laser-cutting specialists Joswood”. In the upper story of Oktorail visitors get to run trains themselves: there is a play area where they can play with model trains to their heart’s content.

The Oktorail model layout is to be found in the orangery in Essen’s Gruga Park: 45147 Essen, Germany, Oktorail, Virchowstr. 137; times of opening: daily 10:00 a.m. to 6:00 p.m., Tel.: +49 (0)2 01/5 07 38 13, info@oktorail.de, www.oktorail.de

Club benefit: on presenting their Club card, members pay the reduced admission of 3 euro instead of 3.90 euro. During the summer months there is also an admission charge of 4 euro to the impressive Gruga Park.

Text: RR, photos: Frank Zarges

Digital info days



Digital info days Germany

Date	Retailers	Address	Time*
October 23, 2014	Meises Modellbahncenter	Pankower Straße 17 21502 Geesthacht	10:00 a.m. – 6:00 p.m.
November 27, 2014	Dluzak Schreiben u. Spielen	Rodigallee 303 22043 Hamburg	10:00 a.m. – 6:00 p.m.
October 22, 2014	Spiel + Hobby Haus Hartfelder	Bramfelder Chaussee 251 22767 Hamburg	10:00 a.m. – 6:00 p.m.
December 17, 2014	Modellbau Sester	Friederichstraße 7 33102 Paderborn	10:00 a.m. – 6:00 p.m.
November 07, 2014	Bastler Zentrale Lonthoff	Neustadt 28 35390 Gießen	10:00 a.m. – 6:00 p.m.
December 18, 2014	Modellzentrum Braunschweig	Kreuzstraße 16 38118 Braunschweig	10:00 a.m. – 6:00 p.m.
November 26, 2014	Modellbahn Broders	Jenastieg 12 38124 Braunschweig	10:00 a.m. – 6:00 p.m.
October 18, 2014	Menzels Lokschuppen & Töff-Töff GmbH	Friedrichstraße 6 40217 Düsseldorf	10:00 a.m. – 6:00 p.m.
December 04, 2014	Modellbahn Kramm	Hofstraße 12 40723 Hilden	10:00 a.m. – 6:00 p.m.
November 06, 2014	Modellbahn Matschke	Schützenstraße 90 42281 Wuppertal	10:00 a.m. – 6:00 p.m.
December 02, 2014	Modellbahn Apitz	Heckinghauser Straße 218 42289 Wuppertal	10:00 a.m. – 6:00 p.m.
December 03, 2014	Spielzeug-Paradies-Bochum	Dr.-Ruer-Platz 6 44787 Bochum	10:00 a.m. – 6:00 p.m.
October 29, 2014	Märklin Store Köln	Luxemburger Straße 307 50939 Köln	10:00 a.m. – 6:00 p.m.
October 07, 2014	Spielwaren Theisen	Metzelstraße 19 54290 Trier	10:00 a.m. – 6:00 p.m.
November 07, 2014	Theis Modellbahn	Wormser Straße 91 55130 Mainz	10:00 a.m. – 6:00 p.m.
November 05, 2014	Schreib + Spielwaren Hermann	Liebfrauenstraße 31 55430 Oberwesel	10:00 a.m. – 6:00 p.m.
November 12, 2014	Fränki's Bahnladen	Gertrudenstraße 55 55576 Sprendlingen	10:00 a.m. – 6:00 p.m.
October 17, 2014	Modell Pelzer	Potthofstraße 2 58095 Hagen	10:00 a.m. – 6:00 p.m.
November 30, 2014	Stellwerk-Kalthof	Gleitbecke 7 58675 Hemer	10:00 a.m. – 6:00 p.m.
November 05, 2014	Modellbahn Depot Aschaffenburg	Karlstraße 10 63739 Aschaffenburg	10:00 a.m. – 6:00 p.m.
November 13, 2014	Michelstädter Modellbahntreff	Braunstraße 14 64720 Michelstadt	10:00 a.m. – 6:00 p.m.
October 08, 2014	Ralf Müller Modellbahnen	Am Pfulst 7 66589 Merxweiler	10:00 a.m. – 6:00 p.m.
November 14, 2014	Spielwaren Werst	Schillerstraße 3 67071 Ludwigshafen	10:00 a.m. – 6:00 p.m.
October 02, 2014	Modellbahn-Treff	Dürkheimer Straße 20 68309 Mannheim	10:00 a.m. – 6:00 p.m.
November 06, 2014	Modellbahnen Schuhmann	Schützenstraße 22 69214 Eppelheim	10:00 a.m. – 6:00 p.m.
October 10, 2014	Seitz Modellbahnshop	Kirchberger Straße 6 71546 Kleinaspach	10:00 a.m. – 6:00 p.m.
November 18, 2014	Eisenstorz der Spielzeugladen	Schillerstraße 55 78713 Schramberg	10:00 a.m. – 6:00 p.m.
December 12, 2014	Märklin Store München	Bahnhofplatz 7 80335 München	10:00 a.m. – 6:00 p.m.
December 11, 2014	Modellbahnen von A-Z	Landshuter Straße 16 84307 Eggenfelden	10:00 a.m. – 6:00 p.m.
November 09, 2014	Aumiller Modelleisenbahnen	Schwimmbadstraße 4 92421 Schwandorf	10:00 a.m. – 6:00 p.m.

** Ask your Märklin retailer direct for times of the event.

Please register for the info days with the retailer sponsoring the event at least a week in advance.



Digital info days Switzerland

Date**	Retailers	Address
October 14, 2014	Metropole Loisirs	Rue des Terreaux 11 1003 Lausanne
October 15, 2014	Joutec Lauber	Rue de la Colombière 14 1260 Nyon
October 13, 2014	Train Jouet	Rue Louis Bornet 8 1630 Bulle
October 16, 2014	HOBBY CENTRE Dubath	Place du Midi 48 1950 Sion

The info days will be held in French.



Digital info days Italy

Date**	Retailers	Address
October 17, 2014	Artuffo Modellismo	Corso Giulio Cesare 82 10154 Torino

Digital seminar: Automatic control using the Central Station, Netherlands

Date	Retailers	Address	Time
October 31, 2014	Märklin Center	Vughtestraat 92 5211 GL Den Bosch	7:00 p.m. – 9:00 p.m.
November 14, 2014	Modelltrein-center Spoor 14	Schoenmakers-straat 14, 6041 EZ Roermond	7:00 p.m. – 9:00 p.m.

Please submit registrations for all seminars at least a week in advance directly to the sponsoring retailers.

SpoorParade in Amersfoort, the Netherlands

October 16 to 21, 2014

Wagenwerkplaats
Piet Mondriaanplein, Amersfoort,
the Netherlands
E-mail: info@175jaarspoor.nl
Internet: www.175jaarspoor.nl
Times of opening: 10.00 a.m.–6.00 p.m.
Prices: adult 10 euro, child 5 euro

Exhibition „175 Years of Railways in the Netherlands“

The 175th anniversary of railroads in the Netherlands will be appropriately celebrated at the SpoorParade in the former NS operating depot.

Large and small enthusiasts of the railroad will learn there about the history and the future of the railroads, about railroad technology and much else besides. Railroad seminars and lots of activities you can join in are all included. Märklin is naturally going to take the opportunity of being there, and has its own stand.



* Ask your Märklin dealer directly whether they break for lunch.



Photos: Ulf Häger, Kötzle, Märklin

Nickname “bullnose”

The mighty NOHAB diesel locos (Nydqvist och Holm Aktiebolag) are European derivatives of the EMD/GM F7/FP7 machines built under license. The “bullnoses” were placed in passenger service in the 1950s and were later also to be seen in freight service and on work trains. Some of these locomotives are still in service to this day – mostly owned by private railroad operators, though some of them are operated by museums. They enjoy a cult status amongst rail aficionados, and regular meetings of the giants attract observers from all over Europe. A photographic record of the meeting in the Odense Railway Mu-

seum will be found in the homepage of the Hanseatic Märklin Round Table (www.hamst.de) under the heading “Loks/Züge”. The NOHAB-GM Group Germany (<http://nohab-gm.de>) has gathered a wealth of detailed illustrative material. And if you prefer the H0 model, you’ll find no less than five in the Märklin range. The Märklin Magazin 04/2014 carried a highly-informative article on the prototypes telling you all about these locos.



Full product information on the NOHAB machines by Märklin you will find online under www.maerklin.de



Märklin currently has five NOHAB H0 locos in its range (photo above, from the left): Type Di3 (item 39671) from Norway, class 204 (39672) from Belgium, MY 1100 (39674) from Denmark and the 1600 class (39673) from Luxembourg. There is also the NOHAB era III version

MY 1100 (39670) from Denmark, which can be coupled with an attractive four-piece car set (42768) (picture below). There are also matching passenger cars for the green class 204 diesel loco (item 43544). The new toolings are equipped with mfx decoder with sound

functions, and a five-pole motor drives all four axles. The model looks superb with its relief interior fittings and has many details such as separately-applied metal ventilator grilles and windscreen wipers. LEDs are used for the headlamps and engineer’s cab lighting.

