1. **Prototyp info:** In germany and the netherlands in the years after WWII narrow gauge light railways, or „Feldbahn“ as we call them were quite popular. They were used in industrial plants, in brickfactorys, pretty much everywhere the „real thing“ is too big and to expensive. A few popular companies that built parts and rolling stock are:
   Decauville France (there it all started) Locos, Cars, Tracks, Turnouts
   O&K Ohrenstein und Koppel (Germany) Locos, Cars, Track,
   Diema (Germany) Locos and special cars
   Hunslet (Great Britain) just to name a few of them.
   Tight curves were allowed, small lightweight engines, short wheelbase cars, no signals or lights were used and a lot of obscure selfmade vehicles have been built. Great playground for modellers imagination...

2. **Layout concept:** Today there are quite a few private collectors in europe that had restored some locos and cars from that time, and some of them have a little bit of track laying in their backyards to drive on and keep their engines running.
   Thats the prototyp for my „Feldbahn in the backyard“ train project.
   I build in scale 1:8 on 3,5“ track representing 700mm gauge as mainly used in the netherlands. My layout is fictional, located in the Netherlands in the year 2013.
   I wanted to implement the following:
   1. As small as possible to fit in a corner of any regular appartement room.
   2. Built as Modules (Sections) for transport / storage /move if needed
   3. Tracklayout for switching operations (i like switching layouts)
   4. Scenery and Backdrop for photoshootings of rolling stock
   5. Ambientsound
   6. Stationary Loco Sound with stereo panning left right depending on the location of the loco (working on an analog solution for that at the moment)
   7. Lights and animation (still in planning / checking what fits in)

3. **Controller / Operation:** I use a radio control system (Robbe Futaba F-14), one receiver in the loco, a second one will be stationary on the layout with an additional multiwsitch decoder. That multiswitch unit can handle 12 switch and 2 proportional (servo) operations by using just one of the transmitters 8 channels. That should be enough to handle all turnouts and accessories. All analog mostly with relais.

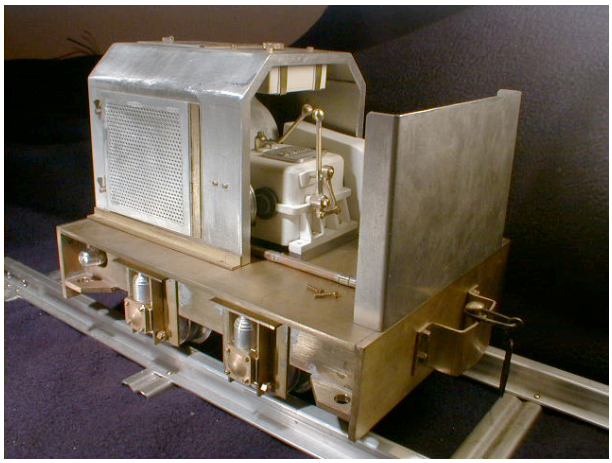
4. **Track:** LGB (Maerklin) rails, those are pretty much scale to european S10 (10 Kilogramms per Meter) rails. All trackwork has to be build from scratch, turnouts are constructed in cad because i could´nt find any templates/info for 700mm track. Nails i found at the homedepot, T-Shaped nails for stapelguns.

5. **Rolling stock:** Same as the track, all built or yet to build from scratch, as there is:
   Loco: Diema DL-6 produced in 1955, 5,5 hp güldner engine. The model is done but not painted yet.
   Cars / Waggons: One freelance flatcar (model is finished), one tankcar for water (prototyp found in an netherlands museum), 2 or 3 side tipping cars and maybe a boxcar. Pictures of models and/or prototyps are attached.

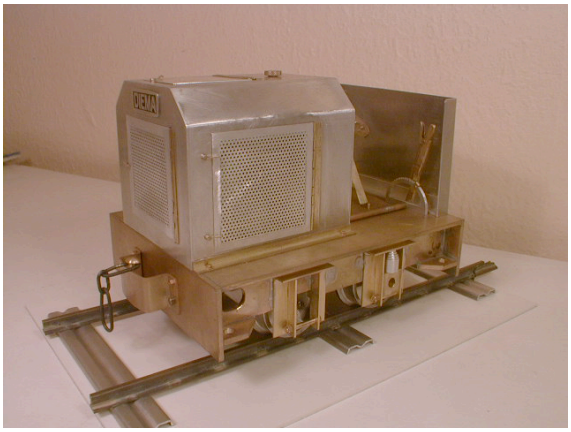
   Of course it isn´t the best trackplan, but that layout gives me the opportunity to have some fun in building the layout and after all that work i can use it and „play“ with my models. That´s what they are made for.
   Why do i build in that unusual big scale? The last couple of years i spend my time on building an european Truck in that scale, so i´m used to that scale and i like it.

Pictures of Rolling Stock:

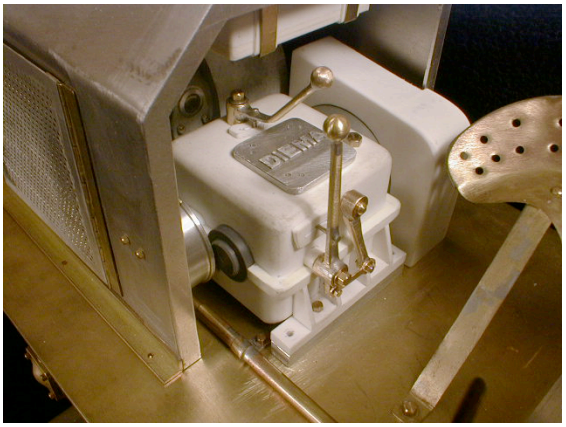
Prototyp from 1956 (bigger engine, higher motorenclosure, different suspension.)



My 1:8 scale model so far. Nearly done...

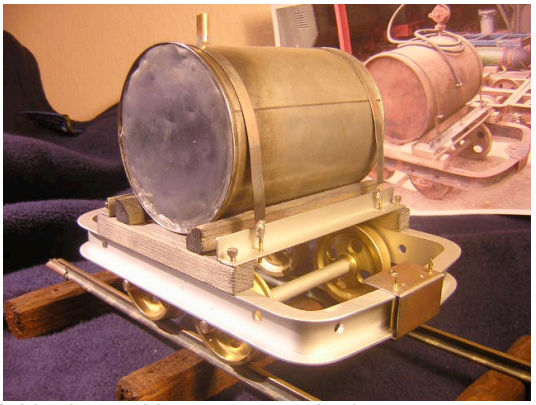


During the building process

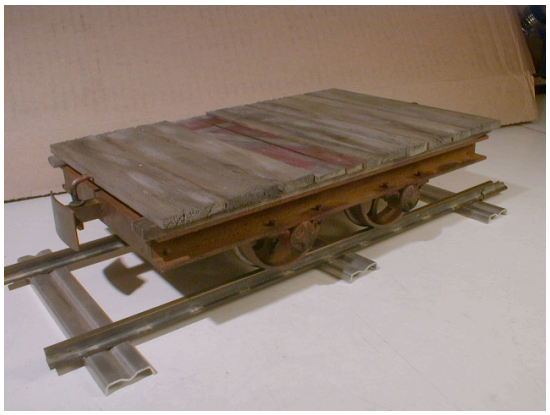


RC-Receiver sits in the gearbox, 12V Battery in the engine. All levers move, all doors open.

Prototyp as seen in the netherlands

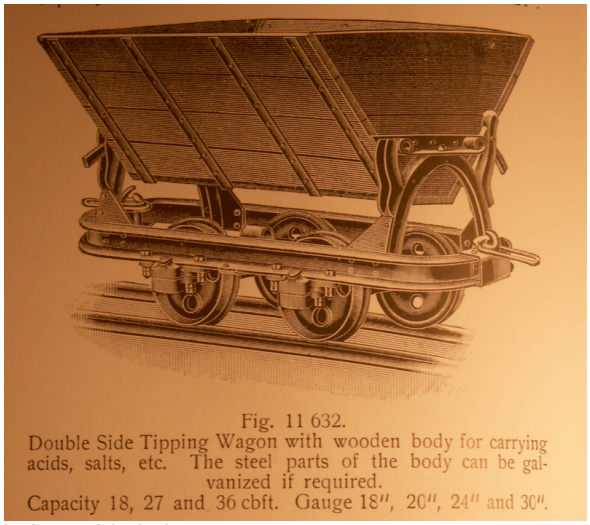


Model in the making, now nearly done.



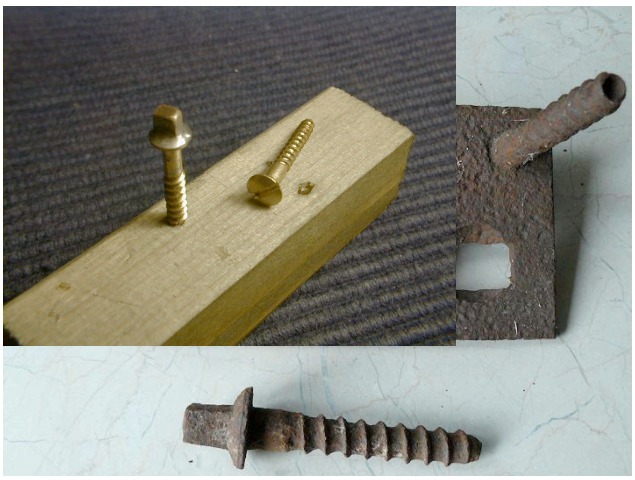
Freelance Flatcar...

First attempt in weathering

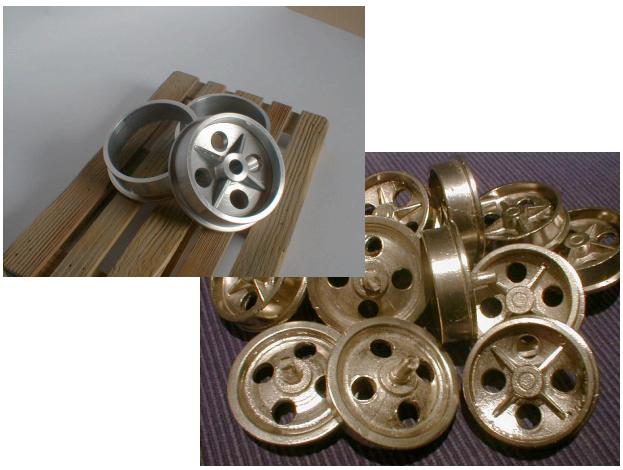


Work on this is in progress...

Also one or two of those.



Upper left: handmade railscrew (what´s that called in english?) 35 of those screwes are done.



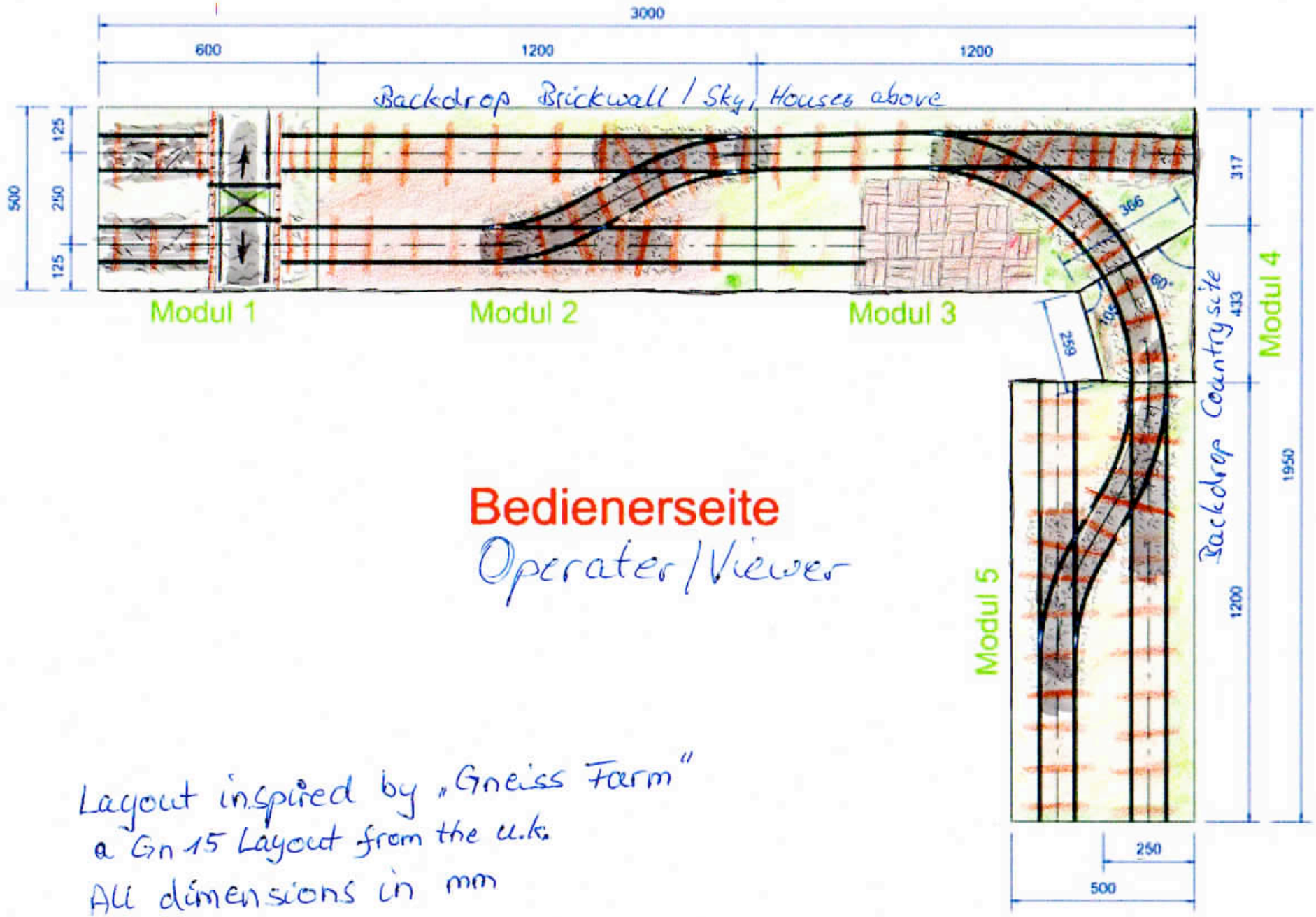
Upper left: wheel ready for the mold, and back from Horbach Gießereitechnik (company for precician castings).

Box / Passengercar

Thats my 1:8 scale truck; all scratchbuild; radiocontrold; took me 3 years to do.

More parts ready for the molding

Sorry for 2 pages instead of one, hopefully the pictures are worth it.
I think those photos give a better explanation on what i do, how i model and what those parts look like.



Layout inspired by „Gneiss Farm"
a Gn 15 Layout from the u.k.
All dimensions in mm