

Snippets. DER JUNGE BAUMEISTER This was a small German system with mainly conventional parts. They are generally akin to MÄRKLIN though mostly made of aluminium and often with fewer holes. These notes are based on 6 sets seen on Ebay, all similar, and all probably quite complete, but in poor boxes. Also on one in Baukästen (p218), and a smaller set which will be described at the end.

Maker: Feta GmbH Fertigungsgesellschaft technischer Artikel (technical articles manufacturing company) of Braunschweig (a city 50km east of Hannover), Goslar.

Date: 1947-49 (from Baukästen).

References: Baukästen gives just the maker and the date.

The PARTS Holes All holes are round and according to one of the Ebay items they are 4.5mm Ø at 13mm pitch.

Material/Finish The structural parts and Wheels are plain aluminium. Axles, N&B, etc are probably steel.

List of Parts Fig.2 is one side of the Model Sheet – with illustrations of the parts under a list of them, and their quantities. The list is difficult to read and so my English version follows, with the quantities in curly brackets, and my remarks in square ones. The actual parts match the illustrations except as stated.

#1,2,3,6,7,9 Strips 24,11,7,5,3,2h {4,4,2,8,2,4} [They are said to be 12.9mm wide and 1¼mm thick.]

#4,8 Double Brackets 1,3h high {1,1}

#5 DAS 1*5*1h {4}

#10 A/B {12}

#11,12 Axles, 105,50mm long {2,2}

#13 Crank Handle, 170mm long {1}

#14 Pulley, 25mm Ø {2}

#15 Loose Pulley, 12mm Ø {1}

#16 Bush Wheel, 40mm Ø {1}

#17 Flanged Disc Pulley, 65mm Ø {2}

#18 Flanged Plate, 11*5h, 140*65mm {1}

#19 Flanged Sector Plate, 100*65mm {2}

#20 Hook {1}

#21 Span'driver {2}

#22 Gear, 17t {1} [The illustration shows more teeth. This also applies to #23.]

#23 Gear Ring, 31t [though the '1' is blurry and may be incorrect] {1}

#24 Collar, 10mm Ø, 8mm long {4}

#25,26 Bolts, M4, 6,10mm {30,10} [In 2 of the Sets the Bolts can be seen clearly and have mush heads in one and pan heads in the other. Both types are steel.]

#27 Nut, M4 {40}

#28 Set Screw, M3, 6mm long {10}

#29 Washer, 4.2mm Ø {10}

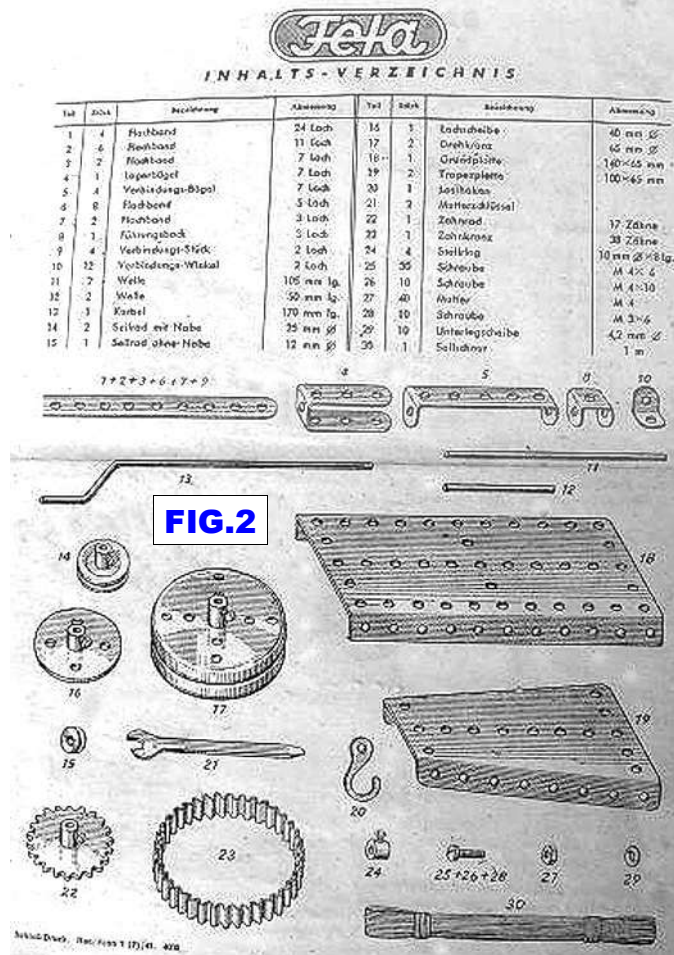
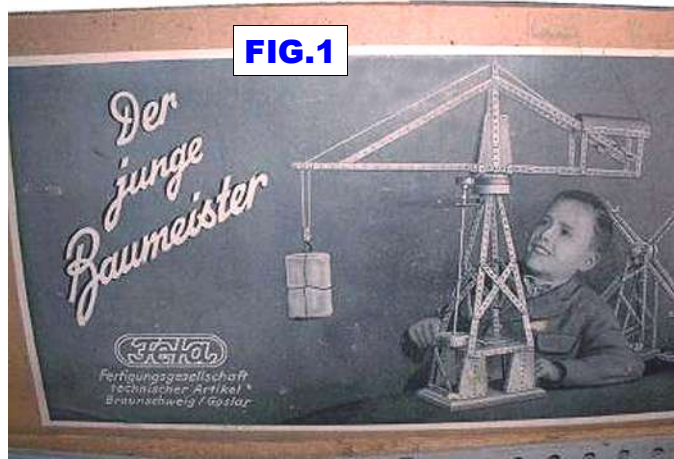
#30 Hank of Cord, 1m {1}

Also in several of the Sets fat **Rubber Rings** to fit the 25mm Pulley.

The SET There is no indication that the Ebay & Baukästen sets ever had a number or other means of identification. The box, 16*33cm, was plain cardboard with a label (Fig.1) which nearly covered the lid. (The Baukästen set has a 'reconstructed' red lid and the dimensions given for the set are probably incorrect.) The partitioning in the Baukästen set gives 7 compartments and matches what remains, or can be seen, in the Ebay outfits.

The MODEL SHEET This is about A4 in size, folded once to fit in the box. As already mentioned one side (Fig.2) has the Illustrated Parts & List of Parts; the other has 4 models, and Figs.4a & 4b. show the top & bottom halves of it.

The SMALLER SET This is shown right (Fig.3) and the Feta logo can just be seen in the bottom left corner of the lid label. Literally its name, 'Ersatzkasten A', means 'Replacement Set A' but quite what that signifies I'm not sure. At any rate presumably the Set contains enough parts to make the Crane. And, witness the drawing of the Crane, the 4 Rubber Rings do



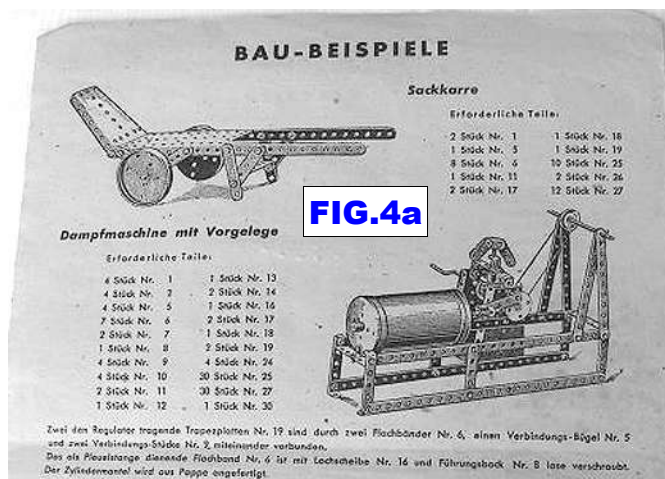


FIG.4a

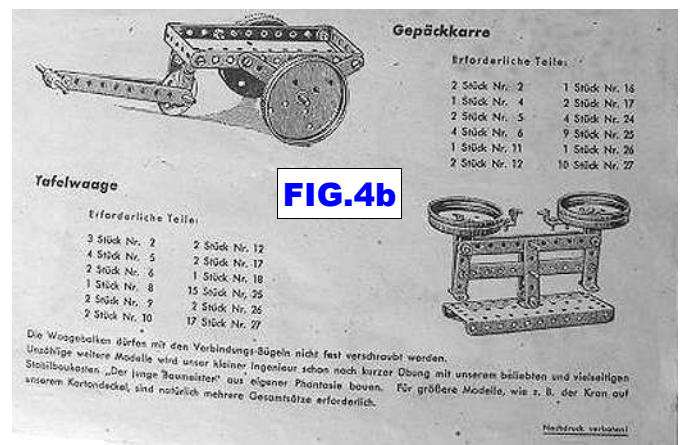


FIG.4b

belong to the Set. The sheet with the Crane on it looks like a

single leaf sitting on a box, or perhaps a book, but it could be a pile of other sheets.

DER JUNGE BAUMEISTER [1]: S2

OSN 42/1278

Snippets. DER JUNGE BAUMEISTER This was another small German system with the same name as the one on the previous page but otherwise unrelated. It has a few unusual parts and this account is based on 5 sets seen on Ebay, all with a fair number of parts in them but none complete. And it is unlikely that the layout of the parts in any of them is correct. 3 of the Sets are judged to be earlier than the other two and have predominately green parts; in one of the later ones they are red & dark green (or possibly black), and in the other red & blue.

Maker: Wehma GmbH, Mandeln (a village roughly midway between Düsseldorf and Frankfurt), Hessen.

Date: 1940s.

References: Baukästen gives the maker and the date.

The PARTS Holes All holes are round. The only indication of their pitch is by comparison with some foreign parts in one of the Sets. They look like MÄRKLIN but may not all be because depending on which parts are being used as the basis of comparison, and assuming their hole pitch is $\frac{1}{2}$ ", the corresponding DJB values vary from $14\frac{1}{2}$ to 15mm. Given this the holes look to be 3mm Ø or a little more.

Finish The Pulleys are yellow in all the Sets. In the earlier outfits all the other main parts are green. Fig.B is one of the later sets and in the second the blue parts look dark green or black.

List of Parts Those not visible in Fig.B are shown in red.

Strips 2,3,4,5,6,8,10,12h, and possibly 7 & 9h. They look to have raised edges on their top face, rather like STOKYS. Ends have a large radius but are square in the early parts.

DAS 1*2*1, 1*5*1h.

Narrow Strips 3,4,5,6,8,10h. Only one of the sets, an earlier one, has all of these in it. **Narrow DAS** 1*3*1h. [Narrow Strips might be thought a bit of a luxury in a system which doesn't even seem to have a Bush Wheel.]

Brackets 1*1, 1*2, 1*3h A/Bs.

Plates **Triangular**, 5*2h. **Perforated:** 2*7, 2*14, 3*7, 3*14h. The early parts have sharp corners; they are slightly rounded in the later ones.

Wheels The only circular part in the 2h Ø **Pulley**. It has a roundheaded **Set Screw**.

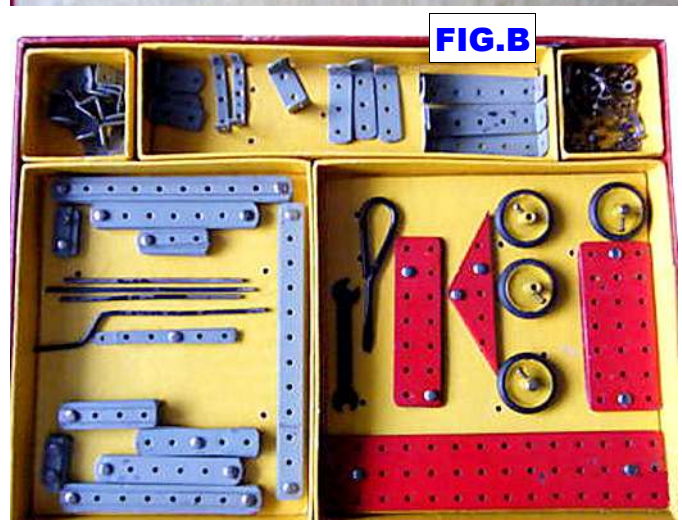
Axles etc 2 (quite similar) lengths and a Crank Handle.

Other Parts A **Collar**, possibly aluminium. A **Rubber Ring** for the Pulley, but only in the later sets.

N&B Bright hexagonal Nuts & cheeseheaded **Bolts**.

Tools All the Sets have the Fig.B **Screwdriver**. The later sets have a 2-ended **Spanner**, as in Fig.B, but in the early ones the **Spanner** is an unperforated black strip with a round-bottomed notch in one end.

The SETS All the Sets have red boxes with the Fig.A lid label. Some have a ring with the set number in it rubber stamped



above the left end of the model on the lid, but the photos aren't clear enough to read it. In the earlier sets the inside of the bases and the trays in them, are plain cardboard; the later ones are yellow, as in Fig.B.

The two later, and one of the earlier boxes, are divided internally by 5 trays, as in Fig.B. The other two earlier sets are in smaller boxes with most (instead of about 50%) of the lid covered by the label, and have only 4 trays.

The MANUAL The manual cover for one of the older small sets was shown and is identical to the lid label except that there is no text under the model and WEHMA at the top is blue. It was said of the red/blue later set that its manual contains 24 models and the printer was K Mauderbach of Dillenburg (a town 12km from Mandeln).

DER JUNGE BAUMEISTER [2]: S1

OSN 42/1278

DER JUNGE BAUMEISTER (from FETA) Some notes on this post-WW2 German system were given in 42/1277 and now thanks to Jürgen Kahlfeldt, more details are available.

The Parts. The 65mm Pulley and Gear Ring are steel rather than aluminium. The Rubber Ring for the 25mm Pulley is #31 and is 22/36mm Ø. Strips are 12.7-13.0mm wide and .9-1.6mm thick with 4.5mm holes at 13.0mm pitch. Most bosses have a bore of 4.0mm, ±.1mm for a few, but in some 65mm Pulleys seen it is as small as 3.7mm. At this time the diameter of the Axles is uncertain.

The Sets. The Grundkasten (Basic set) box, Fig.1 in OSN 42, measures 330*170*28mm. Jürgen's example has a lid with a blue/white crackle finish with the OSN 42 label except that the background is brown rather than grey. Its contents are as in OSN 42 except that it has 6x 11h Strips (the OSN 42 figure was probably incorrect).

The 'A' set measures 195*155*26mm and the label (as in OSN 42) has words along the bottom which explain that it is suitable for the beginner or as an add-on. The contents are as follows:

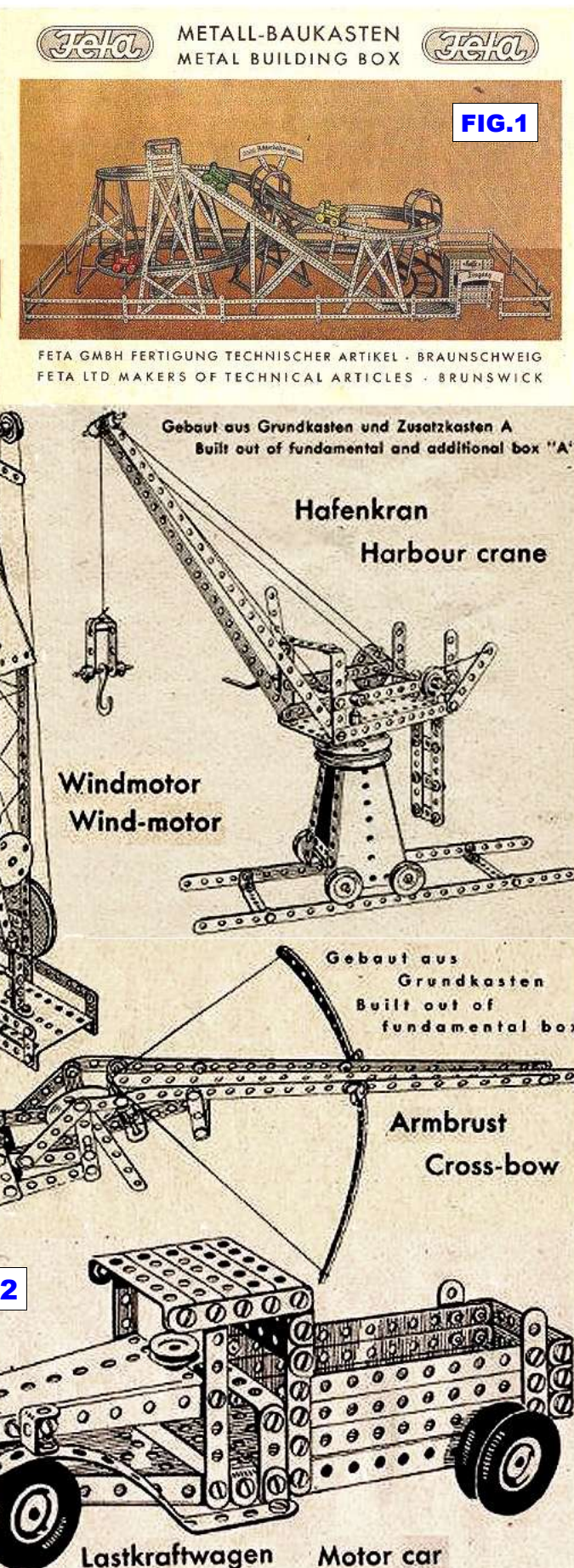
- #2,3,6,7 Strips, 11,7,5,3h {6,4,4,2}
- #5 DAS, 1*5*1h {2}
- #10 A/B {4}
- #11 Axle, 105mm long {2}
- #14 Pulley, 25mm Ø {4}
- #18 Flanged Plate, 11*5h, 140*65mm {1}
- #20 Hook {1}
- #21 Span'driver {1}
- #25 Bolt, M4, 6mm, steel, {20}
- #27 Nut, M4, hexagonal, 7.2mm A/F, steel {20}
- #28 Set Screw, M3, 6mm, aluminium {4}
- #31 Rubber Ring, 22/36mm Ø {4}

The Manual. This has 24 unnumbered pages including the covers, with the front in Fig.1. All the text is in (sometimes poor) English as well as German. pp2-3 have the Intro, pp22-23 the Set Contents, and p24 a photo of a largish Big Wheel in colour. This, like the Roller Coaster on the front, is in the best tradition of showing what a lad might aspire to. The remaining pages have 10 models for the basic set on pp4-13, from Balkenwaage/Scale to Flachsreiniger/Flax-cleaner; 2 for Set A on pp14-15: Handwagen/Double-wheel-barrow & Dreirad/Tricycle (actually a 3-Wheel Delivery Cart); and 6 on pp16-21 which need the Basic plus A sets, from Feuerwehrleiter/Fire ladder to Anhänger/Trailer. Each model has a page to itself but none have a parts list or any instructions.

The models are quite fair for this size of system and I easily spotted most of them in a prewar MÄRKLIN manual – some near exact copies, some adaptations. In fact the contents of the Basic set are quite similar to the prewar MÄRKLIN No.1 (though that had 6x 25mm Pulleys). But the models are well chosen because none are inanimate – they are all on wheels, or have rotating parts, or do something. Several have cord drives but the only one to use the Gears is the Flax-cleaner with a step-up drive to its rotor.

Fig.2 is a montage of 4 of the manual models at their original size. Of those not marked the Wind-motor needs only the Basic set, the 'Motor car' the A set as well. The Crane is really quite a good model with cord brakes on both the luffing and hoisting motions. Most of the models could be made from the illustration but not I think the Cross-bow – there is a long explanation for it in the MÄRKLIN manual.

It is curious that the Manual has no Illustrated Parts – it doesn't seem that there are any pages missing from it so perhaps



they were on a separate sheet. The OSN 42 Sheet possibly but that might be thought to have been later because its models have a parts list & instructions. On the other hand, of its 4 models all but the Steam Engine are of little interest and are not in Jürgen's manual. The model for the A set in OSN 42 is not in it either.