

**PHASE 2 BEAVER SETS** As already mentioned the Phase 2 manual contains inventories for Sets 0-3 and photos of the sets (p6 in MCS/FB). All are in packed in the same style with each main part individually attached to a card, or 2 cards for the 2-layer Nos.2 & 3.

The main parts in the Sets are as follows. **No.0:** a 5\*5h Flgd Plate; 8 Strip parts; & 2 Road Whls. **No.1:** 2x 5\*5h Perf Plates, 8 Strip parts, 2 A/Gs, a 1" Pulley, & 4 Road Whls. **No.2:** 2x 5\*5h Perf Plates, 2x 5\*5h Flgd Plates, 22 Strip parts, 6 A/Gs, a Bush Whl, 4x 1" Pulleys, & 4 Road Whls. **No.3:** 6x 5\*5h Perf Plates, a 5\*11h & 2x 5\*5h Flgd Plates, 1 Flgd Sector Plate, 24 Strip parts, 6 A/Gs, a Bush Whl, 4x 1" Pulleys, & 4 Pulleys with Tyres. Sets 2 & 3 have 2 each of the 21h Strip & A/G. The 4 sets have 20, 30, 72, 84 N&B. The contents are progressive except that the No.0 has a 5\*5h Flanged Plate and 2x SAS, parts which next appears in the No.2; the No.1 has 4x 5h Strips whereas the others have only 2; and the 4x Road Wheels in the No.2 are replaced by Pulleys with Tyres in the No.3. The odd thing is the paucity of 5h Strips in the larger sets – the No.3 has 12x 11h but still only the 2x 5h.

**The Phase 2 BEAVER No.1 SET** The **box** is a medium red and measures 8¼\*13¼\*7½". The lid, printed in colour, is just like the manual cover shown below except that the white



border is red and there is a red 'SET N° 1' label stuck over the Instruction Book panel. The main parts are tied, individually as with the KONSTRUKTA No.1, to a light yellow card with dark red cord, and the Spring Clips and N&B are in a 3½\*1¾" red/white SUNDRY PARTS box glued to the card. The **contents** correspond to the inventory in MCS except that there are a few extra N&B.

The **manual** has 16 pages including covers, 217\*143mm, and the cover is shown in the last column. The 18 models included are for Sets 1-3 but on C2 (p2) it is said that 'This Booklet has been prepared to illustrate the many and various models which can be constructed from the No.4 Beaver Set'. p2 also has the address, The Rutland Plastics Ltd., Oakham, Rutland, Telephone: Oakham 178, and p3 is all about the Beaver Club with a slip to tear off to join (and thereby tear in half one of the models on the back of the page). Also 'The Beaver Creed': 'To do some things better than they have ever been done before, to model for the love of it, to originate, to look ahead to the future, to be an example, and to learn to master circumstances'. Advice was offered to Club members and notification of model competitions to be held occasionally.

There are 6 models for each Set with a good photo and a parts list for each. For No.1: TRAILER on p4 to AEROPLANE on p6; No.2: BREAKDOWN LORRY on p7 to WINDMILL on p9; and No.3: TOWER BRIDGE WITH SHIP on p10 to DRILLING MACHINE on p14. None of the small models resemble any from the KONSTRUKTA No.1 manual, and really none for any of the sets are very wonderful – similar in some ways but arguably not as good as VOGUE, though one or two of the small ones are quite similar. The remaining pages remind one of VOGUE too, with photos of the sets and the contents of Sets 0-3 on C3, and the parts in colour on a vivid yellow ground, as shown already, on C4. But who copied who?

**The Phase 2 BEAVER No.2 SET** The box is like the No.1 but larger, it scales at about 9\*29", & has the same size 'label' printed centrally on the red lid. The one remaining parts card is light yellow as in the No.1 & apart from a few missing items the contents are as would be expected. As already mentioned the manual with it is identical to the one in the No.1.

OSN 32/971

BEAVER: S3; KONSTRUKTA: S3

**Snippet – New System: ENTECH** Not Eitech this time, ENTECH. A number of little 'one model' sets with this name have been sold on Ebay for a £1 or two each since late last year, mainly from the UK.

4 typical lids are shown here – along their tops is 'ENTECH mini's' [sic] followed by a category, either 'automobiles', 'bikes', 'trucks', or 'flying machine'. Under ENTECH is Engineering Technology, and under the category is the model name, both in tiny letters. At bottom right is an Item No.

The sets seen so far are listed below, asterisked if illustrated, with the name/probable Item No./number of parts.

**Flying Machine:** Airplane\*, 1370 71; Helicopter, 1371, 60; Bi-Plane, 1372, 72.



So it looks as though there may be several more sets in the series.

Most of the main parts can be seen on the lids shown here, and with both normal and Narrow Strips in some models, the parts look like MECCANO, or one of its close copies. 'Meccano compatibility' was claimed in one Ebay ad. The other models in each category have the same colour scheme as those shown here.



OSN 32/971

ENTECH: S1

This is the last page of OSN 32.



**More ENTECH** 12 small sets were mentioned in 32/971, and they still appear from time to time on Ebay, with a few from Germany & America too. I've not seen any actual examples of them but it turns out that they are made by Aries in India, the 'TOY KRAFT' people (see 22/627), and in July their web site ([www.toy-kraft.com](http://www.toy-kraft.com)) showed a range of 20

outfits, the 12 on Ebay and 8 larger. At that time the latter were being offered on Indian Ebay. The details from the Ebay ads & the web site are given in the Table below. Some of the sets seem identical in content to certain of the Brazilian MODELIX outfits described after this, & more is usually known of them.

Sets		No. of Parts	Motor	No. of Models	Lid		Notes
Name	Ref. No.				Colour	Model(s)	
Mini's Flying Machines	1370-2	71;60;72	-	1;1;1	orange	blue/white: Plane*; Helio; Biplane (1)below	* see OSN 32
Mini's Automobiles	1373-5	65;65;67	-	1;1;1	blue	orange: Car*; Racer; Buggy (2) below	* see OSN 32
Mini's Trucks	1376-8	64;43;61	-	1;1;1	red	yellow: Truck*; Truck; Truck	* see OSN 32
Mini's Bikes	1379-81	82;77;70	-	1;1;1	yellow	red: Motorcycle; M/C*; M/C	* see OSN 32
Beginner Set 1; 2	1351-54	102;167	-	10;20	red	blue/yellow: Buggy? + 7 small; Racer + 6 small (3) below	Slightly larger models.
Dynamic Set 1; 2	1352;53	106;110	3v with G/box	6 Cars; 6 Trucks	grey/blue	orange: Town Car? (4) below; Truck, see MODELIX Mobil 2 lid.	Better models. 2xAA Batt. Box with fwd/rev buttons.
Turbo Set 1; 2	1355;56	102;112	Push-back	6 Cars; 6 Trucks	grey/orange	blue/white: 2 Racers (5) below; 2 Trucks	Quite simple models.
Master Multi-17; -15	1602;03	238; 310	3-4.5v in -17	17; 15	red (similar to 1351-4)	bright/yellow/blue; red: Scan Truck? + 7 small (6) below; Helicopter + 6 small, inc (7, 8) below	Parts inc M26, 27a,32; 2xM27f.



OSN 33/995

ENTECH: S2

**New System: MODELIX** Edmundo Veiga spotted this Brazilian system, which has been on sale since April, and he kindly sent details of the two sets he has, plus a reference to the maker's web site, [www.modelix.com.br](http://www.modelix.com.br). It has pictures of the lids of the 12 sets in the range, the manual models for each, and the illustrated set contents for the 6 larg-est. Although in different packaging some of the sets have an equivalent ENTECH outfit, and of the rest all but two of the models on the lids are identical to known ENTECH models. The two exceptions are earlier TOY KRAFT models, changed a little in one case. So there is clearly an Aries connection and though the MODELIX sets have 'Manufactured in Brazil' on the cartons, Edmundo wrote that the parts are probably imported (as the sets are expensive, from the equivalent of US\$14 for the smallest to \$140 for the 17-model outfit, sales are not likely to be large, and therefore it would not be economic to make the parts in Brazil).

The first 6 sets have their parts in a blister with step-by-step instructions on the back of the card. The set above (No.1-03) is a **single-model set** equivalent to the ENTECH 1378; the other single-model sets are 1-01 and 1-02, with orange &



blue cards respectively, and they correspond to the ENTECH Nos. 1371 & 1374.

The other 3 blister packs are **2-model sets** 2-01, 2-02, & 2-03, with yellow, blue, & turquoise cards (2-03 is shown top left on the next page (it is copied from the web site where the cards are shown without the parts/blisters). The 2-01 models are the Aeroplanes from the earlier TOY KRAFT 1351 2-model set, see 22/627, but with red and black parts. Those for the 2-02 are the ENTECH Minis 1373 & 1375 (Cars), and for 2-03 they are the TOY KRAFT 1352 Trucks, but changed slightly,

and again with red & black parts.

The remaining sets are probably packed in boxes. The **Multi 1** (3-01) is the ENTECH Beginners 1 outfit, and has an orange lid with 3 blue/yellow models on it. The **Multi 2** (3-02) lid is shown on the facing page and 207 parts & 21 models are claimed – the model is from the Beginners 2 outfit but that set is said to have only 167 parts for 20 models.

The **Frição 2** (4-02) has a similar lid to the Turbo 2 but 114

OSN 33/995

MODELIX: S1



one additional set, the Classic CO2. It is said to have the same number of parts, 929, as the original CO1 Classic set described in OSN 33, and the lid shows the same Bus, but it is in B&W and is plainer in style. The box, 380\*290\*65mm, is a little larger than the CO1, and weighs more, 3.2 against 2.7kg.

The sets available from the U.S. Girders & Gears web site ([www.girdersandgears.com](http://www.girdersandgears.com)) include the AH-64A Apache set which hasn't been mentioned in OSN before, and seems to be for the American market only. Its box is 10¾\*14\*1¾" and the



lid, above, claims 470 parts & over 40 models. The name M-KUR on the box is used because Ford (I believe) use the name 'Merkur' and had registered it before the Czech firm entered the U.S. market. The larger parts are dark green while the small ones, 4 Worms (used as 'decor') & Brackets have a bright finish, probably BZP. As is usual in MERKUR the model isn't powered. 9 of the other models are shown on the G&G web site with 2 reasonable small Helicopters and the rest, well look for yourself.

#### MERKUR [1]: S5

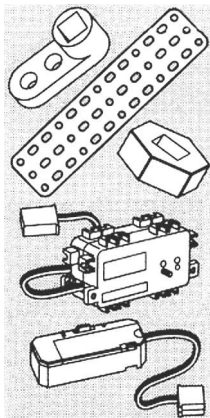
[37/1103]

**13. COSTRUZIONI MECCANICHE** These are the only words on a No.1 manual cover shown in an entry under this name in Jeux de Construction Métallique (JCM). Also shown, a page with 2 models whose illustrations are identical with those in a 1920s MÄRKLIN manual, and a page with a list of the Set Contents of the No.1. In JCM is implied that the manual would be from an AMI-LAC outfit, and indeed COSTRUZIONI MECCANICHE is the main name on all AMI-LAC manuals I've seen, though with an AMI-LAC logo as well, or just the AMI logo on earlier ones. I couldn't find either of the models in the AMI(-LAC) manuals to hand and this, together with the absence of a logo, made me wonder if this was actually a manual from a different, and hitherto unknown system. To support this the names of the parts in the Set Contents and their PNs don't correspond to those in the AMI(-LAC) manuals seen. One further thought, it is said that prior to their post-WW2 production, the AMI firm made sets for a short period in the early 1920s, so could this manual have come from that time?

#### COSTRUZIONI MECCANICHE S1

[37/1103]

**14. DELTA-X** Since the notes in 36/1096 an MD-153 Stegosaurus set has come to hand and it contains the parts right which were not known before. The 3\*13h Perforated Plate is nicked and its slotted holes are 4.3mm long. The other parts are grey plastic: a Geared Motor with a square section output shaft on each side, the 1x AA Battery box shown in the OSN 36 model, a Crank which snaps onto the Motor shafts, and an hexagonal Spacer with a square bore. All the metal parts in the set are nickel plated. A few errors



OSN 37/1103

crept into the OSN 36 notes, the hole pitch is actually 8.0mm and the thread is M3.

The finished model is about 15" long and it waddles along quite well on a smooth surface. Its speed scaled up to match a 30ft long animal would be about 8mph.

The Stego set came from [www.hlj.com/top/Sci](http://www.hlj.com/top/Sci), an English language Japanese mail-order toy shop called Hobby Link. When I looked in July six DELTA-X outfits were listed (to see all of them I had to type 'delta-x' into the Item Name box on the home page). 5 of the sets were mentioned in 36/1096, the other was the Robot Soldier set below. It was said to be a



31cm high model of a figure in the Japanese cartoon film 'Castle in the Sky: Laputa', made in 1986, with eyes that light up. It was marked as discontinued though and I couldn't find it on the Epoch web site, so perhaps small-scale DELTA-X dates from earlier than was suggested in OSN 36.

P.S. Since the above was written I've been told that the small scale DELTA-X was definitely on sale before 2000.

#### DELTA-X [b]: S4

[37/1103]

**15. ENTECH in 2007** From [www.toy-kraft.com](http://www.toy-kraft.com), the range of these Indian sets, made by Aries, is unchanged from 2005, see 33/995.

#### ENTECH: S3

[37/1103]

#### SMALL ADS

[37/1103]

**Wanted** Information on the history & products of the **Kelmet Corp.** (who made STEEL ENGINEERING) and the **Nobel Mfg. Co.** (who made Trumodel Construction Equipment in Miniature). Please contact John H. Emmons at [jemmons@neo.rr.com](mailto:jemmons@neo.rr.com) or phone (330) 492-3601 (in U.S.A.). I already have the material in Greenberg Vol.1, and the ACGHS & S.Cal. Newsletters.

**Tri-ang ARKITEX** 75% upwards of the different parts (all plastic) from a Bridge Set (no box), and a manual/catalogue which also covers Sets 1-3 for Buildings. All in good condition but the models are not very exciting. Some of the parts look as if they could be used in Buildings. Free from the Editor but new owner to collect or pay postage - packed weight 2¾lb. (If more than one person wants it I'll draw a name from a hat on 1st November.)

**For sale: MCS Don Blakeborough** 1983, as 14 clip-bound books with card covers. Weight about 5.4kg. £20 plus postage. Will post to UK only. David Hobson, Woodington, Edford Green, Holcombe, Radstock, BA3 5DB; tel: 0171 232741.