

flash on the 'Rudder', and a red Tailplane. The Set seems to be fairly complete except that no Motor or Main Undercarriage Legs can be seen.

**No.3 Set [Av3-9]** This Set is very similar in content to Av3-7 but the parts are packed in one layer. The box is red and so are the Upper Wing Panels. All the expected plastic parts can be seen but their colours are mostly different with a blue Fin & yellow Tailplane. The Set looks complete & the Motor has 2 Wheels on each side. No separate main U/C Legs can be seen.

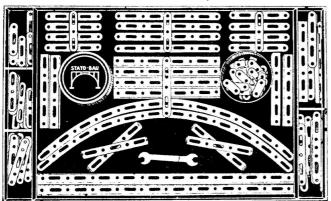
**Model [Av3-10]** This model has the cockpit opening in the Front Fuselage and could have been made with the parts in the the Av3-8 No.3 set except that the Rear Fuselage has 3 of the round 'windows' along each side.

**AVIADYP: S10** 

OSN 35/1060

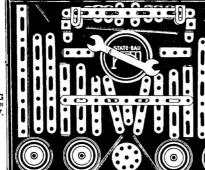
**STATO-BAU** This is about what little is known of this small German system. The maker was H.G. Schöneberg of Dünne-Bünde I.W. Baukästen gives the name as Heinz-Georg Schöneberg, and says that the company existed from '(1938) to 1960', but technical toys were not produced after 1953. Also that there were sets in 7 sizes with nickel parts. One small set is shown and will be described later.

A brochure to hand lists 3 main sets: No.47 with 303 parts, 48 with 474, & 49 with 574; plus connecting sets 47a & 48a. All were available with either nickel or coloured parts but no specific colours are mentioned. There are no pictures of the sets but the layout of the parts in Nos.47, 47a, & 48 are shown, as below for the first two. The parts at each end of the



Nr. 47





Nr. 47a

top row in 47a are Double Bent Strips - they can be better seen in the No.48 but otherwise all its parts are clearer in the sets above. It has two of the small parts boxes. MCS gives the hole size/pitch as 3.5/10mm, and the number of different parts as 27. The axles appear to be Threaded Rods.

The Baukästen set has nickel parts and is said to be from 1948. It has a different mix of parts to the sets above, with Strip parts, a Wheel Disc, but no Wheels. Two of the small

**STATO-BAU** This is about what little is known of this small parts boxes are included with lids as in the brochure sets, in German system. The maker was H.G. Schöneberg of Dünnelight blue. The manual cover is like the one below (an Ebay



snip). The lid is edged in yellow; on the right inside this frame is the same scene as on the manual but in B&W, and a white panel on the left has the firm's bridge logo on it in black.

The manual cover doesn't bear the STATO-BAU name unless it's under the tiny black logo in the bottom left corner. The same manual was with the only other set seen, another Ebay item with the lid below. It's too blurry to see much detail but perhaps the Bridge is made from STATO-BAU parts, including those long Curved Strips. Again the STATO-BAU name can't be seen - the words under METALLBAUKASTEN are probably the slogan on the manual cover: für den kleinen Ingenieur. I can't work out what the boy is doing, or the words over his head. The base belonging to the lid is in matching purple and had a few straight Strips in it, plus two of the light blue parts boxes, but no circular parts.

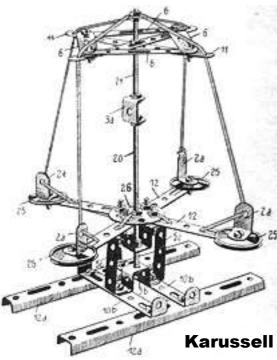


STATO-BAU: S1 OSN 35/1060

**Snippet: STATO-BAU** Some details from a brochure were given in 35/1060 and now the photos from a manual on Ebay provide more information. They show a page with the set contents and 3 pages with 6 models, 2 for Set Nr.47, 3 for Nr.47a, & 1 for a larger outfit, probably Nr.48. The inventory right has been typed out from the difficult to read original. Compared with OSN 35 it includes the additional sets Nr.49a & 50, and there is a slight increase in the number of parts in Nr.48a & 49. Two points of interest on the parts. Shallow U-section Girders from 9 to 31cm long are widely used and there is only one (10cm long) A/G. The other surprise, the Curved Strip has a narrow flange on its outer edge.

The German & my English names of the parts follow, with a few comments where they have been seen in the models, or in OSN 35. Starred items have not been seen. The lengths given for the structural parts include all elements of the parts, e.g. the lugs of DAS. In speaking of the number of holes in parts, a slot equals 2 holes.

- \*Antriebekette (#29) = Driving Chain (to run on the Gears presumably).
- \*bunte Verkleidungs Pl. (#19,a,b) = coloured Cover Plate (a Flexible Plate perhaps).
- **Doppelwinkel** (#3a,5a,e) = Double Bracket. #3a,5a are 1,2h deep. #5e has slotted side holes.
- Felge (#24,25) = Pulley (Durchm. = diameter).
- \*Flachplatte (#16a,b,17a)= Flat Plate.
- **Flachstange** (#1,2,b,3,b,4,a,5,d,6-10,11,12, 13,14) = Strip. #1 & #2 each have 2 holes.
- **Gewindestange** (#20-22)= Screwed Rod.
- \*Grundplatte (#16,17) = Base Plate.
- \*Gummireifen (#24a,25a) = Rubber Tyre.



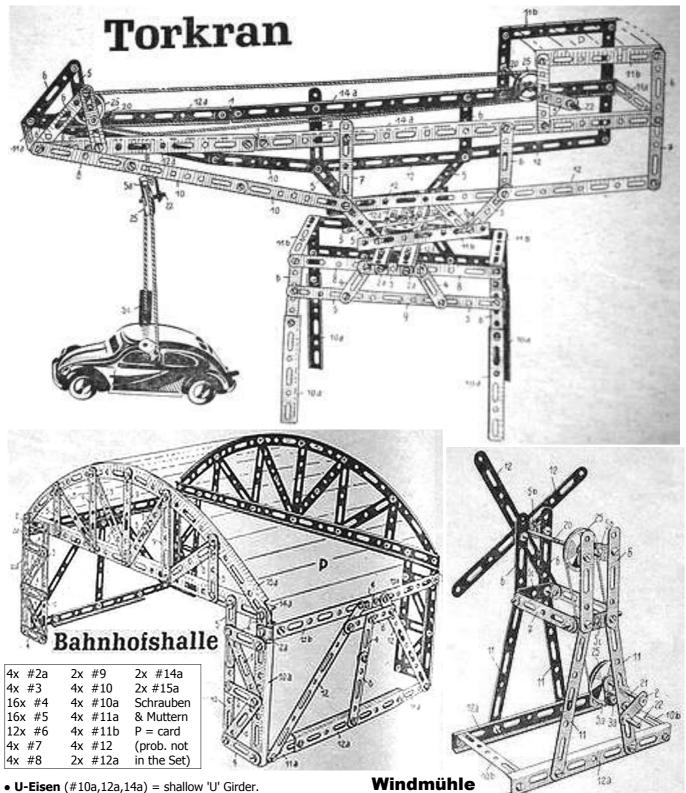
4x	#2a	4x	#6	2x	#12a	1x #26
	#3a	2x	10b	1x	#20	Schrauben
2x 2x	5b	2x	#11	1x	#21	& Muttern
2x	5c	2x	#12	4x	#25	

- **Lagerbock** (#5b) = Double Bent Strip.
- **Lochscheibe** (#26,a,b) = Disc. #26a has 8h; \*#26b.
- \*Messinglangmutter (#33a) = Brass Scr. Rod Coupling.

3	Nr.	Bezeichnung der	Teile	Nr:	47	47a	48	48a	49	49a	50
=	1	Flachstange	22mm		2	-	2	-	2	_	2
5	2	Flachstange	25mm		10	2	12	-	12	-	12
r	2a	Verbindungswinkel	25mm		8	4	12	-	12	-	12
9	2b	Flachstange	25mm		-	-	-	4	4	2	6
9	2c	Verbindungswinkel	25mm		-	-	_	4	4	4	8
t	3	Flachstange	30mm		4	1	5	1	6	2	8
9	3a	Doppelwinkel	30mm		-	2	2	2	2	2 2	4 4
1	3b 3c	Flachstange Z-Winkel	30mm 30mm		_	_	_	2	2	2	4
	4	Flachstange	40mm		16	_	16	_	16	-	16
9	4a	Flachstange	40mm		-	_	-	_	-	2	2
) a	4b	Verbindungswinkel	40mm		_	_	_	_	_	2	2
7	5	Flachstange	50mm		16	-	16	-	16	-	16
s	5a	Doppelwinkel	50mm		-	2	2	-	2	-	2
9	5b	Lagerbock	50mm		-	2	2	-	2	-	2
ť	5c	Verbindungswinkel	50mm		-	2	2	-	2	2	4
r	5d	Flachstange	50mm		-	-	-	2	2	2	4
9	5e	Doppelwinkel	50mm		- 12	-	-	2	2	-	2
9	6	Flachstange	60mm		12	4 2	16	-	16	- 2	16
	7 8	Flachstange Flachstange	70mm 75mm		8 8	-	10 8	-	10 8	2	12 8
1	9	Flachstange	80mm		2	_	2	2	4	_	4
_	10	Flachstange	90mm		4	_	4	2	6	2	8
t		U-Eisen	90mm		4	-	4	-	4	-	4
		Verbindungswinkel	90mm		-	2	2	2	4	-	4
•	11	Flachstange	100mm		-	4	4	2	6	4	10
		Verbindungswinkel	100mm		4	-	4	-	4	-	4
		Winkeleisen	100mm		4	-	4	-	4	-	4
,	12	Flachstange	130mm		4	2	6	2	8	4	12
	12a 13	U-Eisen	130mm		4	2	6	- 4	6 4	2 2	8 6
	14	Flachstange Flachstange	190mm 310mm		-	_	_	4	4	2	6
		U-Eisen	310mm		2	_	2	2	4	-	4
		Winkelbogen	510		2	-	2	-	2	_	2
	16	Grundplatte	130x8	30	-	-	-	1	1	-	1
		Flachplatte	70x4		-	-	-	2	2	-	2
		Flachplatte	100x4		-	-	-	2	2	-	2
	17	Grundplatte Flachplatte	80x6		-	-	-	2	2	1 2	1 4
	17a 19	bunte Verkleidungs	40x4		-	-	-	-	-	2	2
		bunte Verkleidungs			_	_	_	_	_	2	2
		bunte Verkleidungs			-	-	-	_	-	2	2
	20	Gewindestange	90mm		2	1	3	1	4	2	6
		3	50mm		-	2	2	2	4	2	6
	22	_	20mm		-	2	2	2	4	2	6
	24	Felge 34mm Du	rcnm.		-	-	-	2	2	2 2	4 4
	2 <del>4</del> a	Gummireifen Felge 23mm Du	rchm		_	- 4	- 4	2 4	8	2	10
i.c		Gummireifen	CIIII.		_	4	4	4	8	2	10
	26	Lochscheibe 34mm	n Durchm		_	1	1	1	2	1	3
5		Lochscheibe 50mn			-	-	-	2	2	-	2
	26b	Lochscheibe 70mm	n Durchm		-	-	-	-	-	2	2
	27	Zahnrad 4?mm Du	-		-	-	-	-	-	2	2
		Zahnrad 2?mm Du			-	-	-	-	-	2	2
	29	Antriebekette 1m k	ang		- 1	- 1	- 2	- 1	- 2	1	1
	30	Schraubenschlüssel			1 1	1 1	2 1	1	2 1	1	3 1
	31 32	Schraubenzeiher Schrauben 8mm I	ang		45	20	70	1 25	80	1 25	100
•		Schrauben 6mm I			45	25	89	25	90	25	120
		Schrauben 15mm	_		-	-	-	-	-	6	6
	33	Muttern M3	-		95	50	160	60	180	40	250
	33a	Messing lang mutter			-	-	-	2	2	1	3
	Ges	amt - Inhalt			303	142	474	178	580	190	778
_		*Muttor	- (#22)	NI							

- \*Muttern (#33) = Nuts. \*Scrauben (#32,a,b) = Bolts.
- \*Schraubenschlüssel (#30) = Spanner.
- \*Scraubenzieher (#31) = Screwdriver.

OSN 37/1121 STATO-BAU: S2



- **Verbindungswinkel** (2a,c,4b,5c,10b,11a) = A/B & DAS but not D/B. The lugs of A/B #2a look to be about 5 & 10mm. #5c, 10b, 11a are DAS, 3, 7, 8h long, with 1h lugs. \*#2c,4b.
- **Winkelbogen** (#15a) = Flanged Curved Strip (the long arch strip with one shallow flange cut back at the ends).
- Winkeleisen (#11b) = A/G.
- \***Zahnrad** = Gear (#27,27a). Their exact diameters are not clear in the original but may be 43 & 22mm.
- \***Z-Winkel** (#3c) = probably, a Reversed A/B.

On the Set Contents, one may doubt the accuracy of a few of the quantities in it, particularly for the N&B, but although some were indistinct, I think they are all as per the original. The only near unreadable numbers were, as already mentioned, the diameters of the Gears.

					4			
4x	#2a	2x	5c	2x	#11	1x	#20	1x #26
1x	#3a	4x	#6	2x	#12	1x	#21	Schrauben
2x .	5b	2x	10b	2x	#12a	4x	#25	& Muttern

Most of the parts in sets through Nr.48 can be seen in the 4 models shown here. For clarity their PLs and some of their names have been typed in. Unfortunately the PL for the large Crane wasn't shown on Ebay. The Railway Station Hall, on p9, is from the smallest set, Nr.47, and the other Ebay model for this Set, on p10, is a Bridge with sloping approaches and a span using the Curved Strips. The two smaller models are for Set 47a and the third on Ebay was a small Crane - unusual that, to have models for an add-on set. Also they are all on p7, and so come before the Nr.47 models.

**A Nr.48 STATO-BAU SET** Kindly lent by Richard Gilbert, this set was one of those mentioned in 35/1060 & 37/1121. Nearly all of the major parts are present, as is the manual, but most of the Brackets & circular parts are missing. The manual covers only Sets 47, 47a, & 48, with no mention of any others, so the outfit may be an early one.

**The Parts** Fig.1 is the Illustrated Parts page from the manual at 80% full-size. As can be seen many of the parts listed in OSN 37 are not present. All the parts found in the Set are nickel plated. **Holes** are 3.4mm Ø with a few 3.5mm, at 10.0mm pitch. The **thread** is M3. Some notes on the parts with a few dimensions follow.

• The Strip parts are 10.0 to 10.1mm wide, with a few up to 10.2mm. All holes in #1,2,3,5d are round. Those in #1 are at 11.8mm pitch and the part is used to join 2 U-Girders alongside one another without a gap & without the ends of the Strip showing outside the Girders. One main application is to join the centres of the Curved & 310mm U-Girders neatly in some Bridge models. • The A/B is typically 111/4\*151/2mm. • The **DAS** are made from the appropriate Strips. • The U-Girders

are 12.2mm wide and typically 6¾mm deep. • The flanges of the **A/G** & **Curved A/G** match the U-Girders. Neither has any holes in their narrower flange. • The **Wheel Disc** is only .6mm thick. • The 50mm Screwed Rod has a short, unthreaded, 2.7mm Ø, centre section. • **N&B** The **Bolt** head is 5.4mm Ø and the shank is 8mm long. The **Nut** is 6.1mm A/F and 2.3mm thick. • **Parts not seen**: 3b,5d,25,30.

**The Sets** The **contents** of the 47, 47a, & 48 sets as listed in the Manual are identical to those in OSN 37 except that none of the Sets contains a Screwdriver. But there was one mistake in OSN 37, the number of 6mm Bolts, #32a, in the Nr.48 should have been 80 and not 89. 3 of the parts listed in

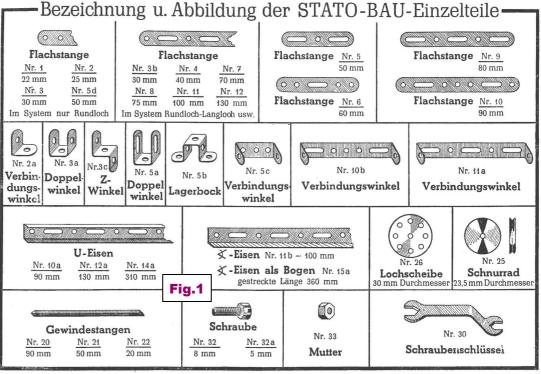
the Manual, #3b, 3c, & 5d, are not included in any of the sets.

The Nr.48 box is dark purple and measures 39\*24\*2cm – its partitioning though is like the Nr.47 in OSN 35, except that the narrow compartment on the left is not divided into three. The lid label is as in OSN 35: the bridge is made of STATO BAU parts, and the boy is sitting at a drawing board lit by a lamp. The set number is in the top right corner and STATO BAU is in tiny letters above the bridge logo at bottom right.

**The parts** not in the narrow side compartments are attached to a purple board in the main centre section, probably with brass bifurcated paper clips. The small parts are in two of the round cardboard boxes as in OSN 35, 6½cm Ø with light blue tops.

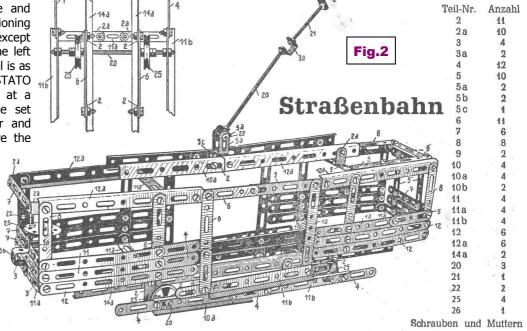
**The Manual** It has 16 pages, 220\*159mm, including covers, and numbered 1-13 starting from C2.

The cover is as in OSN 35, and has STATO BAU above the logo in the bottom left corner, as on the lid. pp1-2 have an introduction which talks of nickelled parts, the need to oil them from time to time, and to protect them from damp. There is no mention of the coloured parts which were an alternative finish to nickel in the brochure described in 35/1060. p3 shows 10



basic constructions, and p4 the Illustrated Parts. The 6 models for Set 47 are on pages 5 & 8-10, from Signal to Gelenk+trägerbrücke (Cantilever Beam Bridge). One, the Bahnhofs+halle, was shown in 37/1122. pp6-7 have 6 models for Nr.47a, from Windmühle to Eisenbahnkran. (The Windmühle is the model in 37/1122 but the parts list given there was wrong and should have been: 1x #2,3a,5a,20,21,22; 2x #5b,5c,7,10b, 12,12a,25; 4x #6,11.) The remaining 3 models on pp11-13 are for Set 48, or 47+47a, from Eisenbahnstellwerk (Signal Box) to the Straßenbahn in Fig.2 (¾ full-size). The latter is the only large model which isn't basically a large framework. C3 has the Set Contents and C4 the logo, the name & address of the maker, & the printer: Druck: Richard Schumann, Bünde I, W.

Benötigte Teile



OSN 40/1209 STATO-BAU: S4

Snippet: Another STATO-BAU Manual This Ebay item mooted in OSN 37, of the Chain running on the Gears seems adds a little more information on the later parts and models. 26 pages 21.3\*14.8cm were claimed and the front cover is as before. The first introductory page and the back cover are like those in the Nr.48 manual on the previous page, and the Set Contents page is identical to the one in the OSN 37 manual.

The parts in Fig.1 are from another page. None of them have been illustrated in OSN before but apart from that there are two points of special interest.

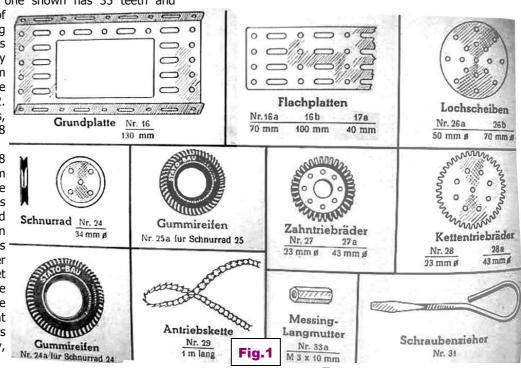
First, the diameters of the Gears, not certain in OSN 37, are given as 23 & 43mm. The one shown has 35 teeth and

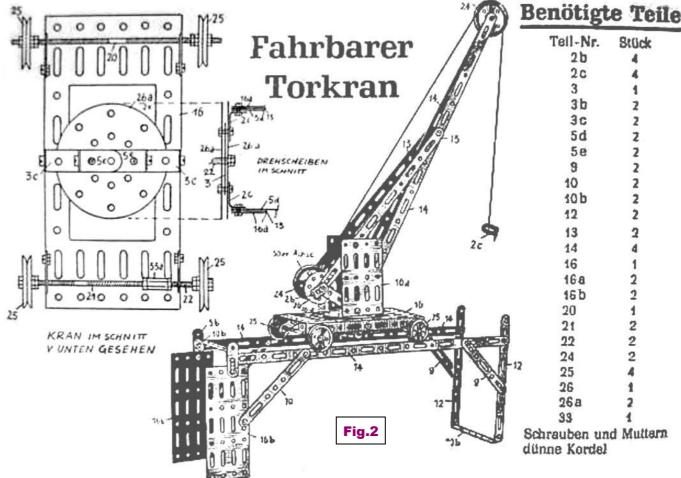
presumably it is the larger of the two, although assuming the pcd of the face holes is 20mm, the o.d. scales at only about 35mm. But if the 43mm & 35 teeth are correct the Modulus would be about 1.2. And by scaling the diameters, the 23mm Gear would have 18 or 19 teeth.

Secondly, 2 Sprockets, #28 & 28a, again 23 and 43mm diameter, are included. The drawing of the Sprocket scales correctly to the 43mm size and is shown with 41 teeth. Then the 23mm would have 22. As mentioned in OSN 37 neither Sprocket is included in the Set Contents even though the Sprocket Chain is, and with the difference in the apparent pitch of the teeth in the Gears & Sprockets, the possibility,

unlikely.

Of the 2 model pages shown one with 3 small models is the same as in both the Nr.48 & OSN 37 manuals. The second page shows the model in Fig.2 below, at about the original size. The Plates 16, 16a & 16b are used in it, as well as the the Pulley #24, the Coupling #33, and the Discs #26 & 26a. It is marked as being for Set 48a or 49, another example of a model which can be made from a linking set. It could clearly be improved if the extra parts available in the No.49.

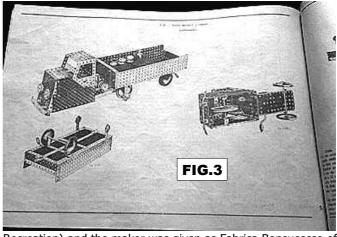




## Snippet. 'New' System: MECÂNICA RECREATIVA

Two sets of this name were offered in one lot on the Argentine Ebay but the words are Portuguese (meaning Mechanical





Recreation) and the maker was given as Fabrica Bonsucesso of Rio de Janeiro.

One box is shown top left; the second is slightly smaller

with a similar label that almost covers the lid. The parts from the two, or what remains of them, were mixed together and most types are shown far left with the remainder inset. They are obviously a copy of MECCANO (even to the brass grip on the Crank Handle) though there is no confirmation

that the hole pitch, thread, etc are identical.

One page (above) of the manual was shown and the photos on it are those of Liverpool's 6.13, Mechanical Horse and Trailer, from the years 1937-47, though without the original's 4th view, notes & list of parts. The next model in the MECCANO manual is Sydney Harbour Bridge and one can just see the tip of its left end on the next page.

Given the models in the manual and the red/green colour scheme of the parts, the system most likely appeared after rather than before WW2.

## FIG.2

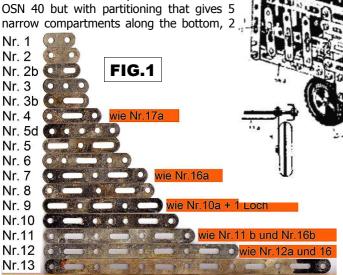
## OSN 44/1351

## MECÂNICA RECREATIVA: S1

Autobus

A STATO-BAU Nr.49 Outfit Contents of Set 49 were given in 37/1121 and illustrations of the various parts were shown in 40/1209-10; now Jürgen Kahlfeldt has kindly sent details of an actual set.

The Box It measures 527\*364\*23mm, and is in the same style as the Nr.48 in OSN 40 but with partitioning that gives 5 narrow compartments along the bottom, 2



along the left, and 4 along the right side. The N&B etc are in 3 of the round, blue-lidded boxes, 2 as in the Nr.48 but one smaller, about 5cm Ø.

FIG.2

**The Parts** Their piercing is not always obvious from the illustrations and Jürgen sent a photo (Fig.1) to clarify matters.

OSN 44/1351 STATO-BAU: S6 The **PNs on orange** are for both Plates & Angle/'U' Girders. The **Plate #16a** is the centre cutout of the Flanged Plate #16. **The other parts** in the sets look as expected except that • the smaller **23mm Pulley** #25 is like the 35mm in having 4 face holes; • the **90mm Screwed Rod** has a short 2.7mm Ø smooth centre as well as the 50mm (this is as in the Nr.48 – the 90mm was omitted in error in OSN 40). **The Tyres** are 43 & 56mm Ø when fitted to their Pulleys, and are 9½ & 11½mm wide. The smaller one has STATO-BAU moulded into both side walls but the larger one is unmarked.

**The Manual** with the Set is for Sets 47-48 only but it differs from the version described in OSN 40 in having 6 extra pages with one Nr.48 model on each. The first on p14 is the Torkran shown in 37/1122 and the last, on p19, an unremarkable Big Wheel, Riesenrad, with cars to be made from cardboard. The other models are an attractive Passenger

Steamer (though without a funnel); a Breakdown Lorry with parallelogram linkage steering & a fair crane; the Autobus in Fig.2 – it is suggested that the openings be clad in transparent sheet; and a skeletal Aeroplane with 2 engines & a tricycle undercarriage. These models extend the scope of the Nr.47 which had previously been confined to structures plus the Tramcar shown in OSN 40. These extra models show the advantages & disadvantages of the slotted parts from the point of view of appearance.

**One other point on the Brochure described in 35/1060** It should have been said of the that as well as the sets being listed with either nickelled or coloured parts, Sets 47, 47a & 48 were also available with the parts in packets (Tüten) packed in a cardboard box, with 10, 5 & 15 of them respectively in the 3 sets. No coloured parts or Tüten are known so far.

STATO-BAU: S7

OSN 44/1352

FIG.3

FIG.5

Snippet. An EL INVENTOR No.10 Set 2 ads shown in MCS for this post-WW2 Argentine system were from its exclusive distributor, Compania Tecnica Movilizadora of Buenos Aires. They show some simple models (including Figs.1-3 right) and list Sets 0-7 & No.10. The No.0 cost \$1.95, the No.7 \$25.30, and the No.10 \$98. Also from MCS: the holes are 4.2mm Ø at 12.7mm pitch.



The Ebay photos of the lid above and the trays & manual cover right were said to be of a complete No.10 from the 1950s. As a reference the MECCANO cardboard Spoked Wheel in the top tray is 3.2"  $\emptyset$ . The width of the manual is about 60% that of the lid.

What can be seen of the models on the label & manual cover remind one of MECCANO but those in the ads less so. One unusual part in them is a 4h Wheel Disc or Bush Wheel, and in the Set a flat 3\*3h 'T' Bracket in the top left corner of the top tray. It doesn't look green like comparable Brackets though.



OSN 44/1352

**EL INVENTOR: S1** 

**DER KINDER-KONSTRUKTEUR** Jean-Pierre Guibert wrote that he has the set described in 43/1298 and kindly sent the photo right. The parts, 36 different types in all, are aluminium and are small-scale with holes of 3.2mm Ø at 7.5mm pitch. The thread is M3. The photo shows parts not visible in OSN 43: the smaller diameter Gear, the two sizes of Loose Pulley, the 3\*2h Curved Plate (to the right of the 5\*11h Flanged Plate), and various Brackets including an A/B, 2h deep D/B, Reversed A/B, & Double Bent Strip. The Strips that can be seen are 3, 4,5, 7, 11 & 15 holes long. The coloured Pulleys & Tyres that were in the box shown in OSN 43 are not part of the system.

