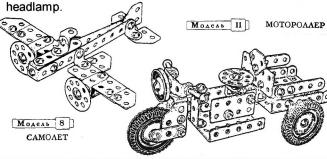
•Name, Model No., Page No. of first & last model: ΚΡΕCΠΟ (armchair),1,4; ABTO ΠΟΓΡΥЗЧИК (fork lift truck),15, 15. •Other notes: C2 blank; pp1-4 have title, intro, HTUP; C3 shows parts needed for all models; details from photocopy.

The logo on the top left of the cover is as KBT, also the details of the maker inside and on C4. The models are the same as before with the same line drawings, but a little smaller and altered to show the round holes in the flanges of the Flanged Plate, and the new way of fixing the Wheels. One illustration has been changed – the model on the K•115 cover has been used for Model 13. Below one of the nice little Aeroplanes, and the Trike with the old Pulley as



More MLADOST MLADOST is the transliterated name of a Bulgarian system, made by Fabrika Vasil Petleshkov, in Bratsigovo, a small town in the south of the country, 20km south of Pazardžik. The Internet tells that one Vasil Petleshkov, as district leader, announced the beginning of the 1876 uprising, and the factory still exists in Bratsigovo, but listed as making wood products. The entry in MCS Part 5 (under the name MOADOST) mentions sets called 'Bulldozer', 'Tank' & 'Motorized', and shows the parts. Their hole pitch is given as 10mm, and a few look like MERKUR.

Now Kendrick Bisset has kindly sent copies from the instructions of another Set, with the stylised brand name & address as in MCS (see the drawing by the Loco in the next column). It is to make the Loco and Goods Van below, and

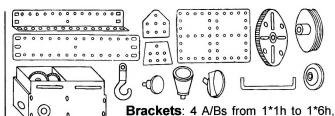


these models are shown in a panel on the set wrapper labelled '3' – in other panels are '1', the Loco with a similar Wagon but with closed sides; '2', the Loco with a Tank Wagon; and '3', the Loco with a Carriage. Presumably these are the different sets, although it seems strange to have a Loco with each. Below right a photo underneath the panels, of the Loco pulling the 3 Wagons & the Carriage, but without an indication that there is a corresponding Outfit.



The Tools and some other parts look like the MCS ones, but there are also Plastic Plates in various sizes, and some different Brackets. Excluding Tools, 46 different parts are used in the Loco, and 22 in the Van, of which 7 are not in the Loco. That's ignoring different colours. No doubt there are a few other parts in the Carriage & Tanker. The PNs are different to those in MCS and go from 1001 to 1120, with many gaps of course. The parts are not numbered in any particular order so there could be other sets and 120 parts in the MLADOST system.

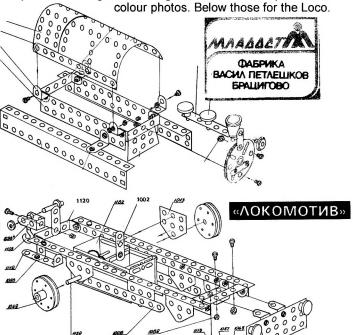
The parts in the Set are (with the items marked [‡] illustrated): • Strips: 2,3,10,15h, some steel, painted black; some white plastic. • A/Gs: 15,20h; 10,15h Obtuse; 2*1h[‡], 15h long, shown with end holes oblong, but they have large radius ends in the model photos. All are steel painted black.



plus a 1*6h with 16mm spacing between the end holes; also a 2h high Double Bracket, a Reversed A/B, & a 1*3*1h DAS. All are nickel. A 7h Flat Trunnion[‡] is black plastic. • **Plates**: 2*8h; 3*3,7,10,15h[‡]; 7*5,10[‡],10h; also a Trapezoidal Plate[‡]. The 3*15h, used as a floor, is transparent; all others are white or black plastic, with some of the white softer than others. All are fully perforated except those shown. • Plastic **Pulleys**: white 23mm (with black rubber Tyre)[‡], white 26mm & black 38mm[‡] Ø. • Gear: white plastic, 63t[‡], pcd about 50mm (Mod.0.8). • Bright steel Axles: 3.5mm Ø (the MCS ones were listed as 3.6mm), 20,70,81mm long. Also a U-shaped Bar[‡], 13*63*13mm. • A **Geared Motor Unit**[‡], black plastic with orange gears. A flat 4.5v battery fits into the bottom. It looks as if it may be the one in the MCS model. • N&B. Hex Nuts & CH Bolts, M4, but also 6 each M3 for the Loco (seemingly used where M4 would be too big). • Plastic **Fittings**. Yellow Hook[‡], black Buffer[‡] & Funnel[‡], & several others, yellow & white. Also a red Switch[‡] with metal lever which fits onto the side of the Motor Unit. Most of these parts are held by an Axle Stop on a spigot.

All **holes** are shown round except at the ends of the 3*15h Plate & the one A/G mentioned above. Kendrick wrote that the holes vary in diameter from 4.3 to 4.9mm, at 10mm spacing, and Strips are about 10mm wide. The larger holes can be seen at the edges of some of the Plates and in one flange of the A/Gs (also shown thus in the MCS illustrations), no doubt to allow some adjustment in the absence of slotted holes. The **Wheels** have no set screws but have tapered bores to produce a (hard!) press fit on the Axles. The exception is the Gear which has no apparent means of fixing, but none is needed as it is only used to form the front of the Loco's smoke box.

The **Instructions** take the form of (fairly) clear exploded drawings of the stages of construction, plus some



by DAS, and the roof attach to Obtuse A/Gs.
In the Instructions the Loco is black with red side frames, and the Wagons red, blue & yellow, with black frames, trim, & roofs (red on the 'open' Goods Van). They probably look better in those colours than in the black and white of the actual parts (with the roofs, & the Loco's buffer beam, white).

of course

A/Gs joined

The Wagon is much simpler

with an undercarriage made from of

Another MLADOST Set Details of an unused set from this Bulgarian system, with parts to build a Loco & Goods Van, appeared in 25/720. Now David Hobson has kindly supplied photos of & notes on his recent find, a similar, unused set, but this time for a Loco & Passenger Coach, the latter right, from the model leaflet. The Loco was shown in OSN 25 (the OSN website photo is clearer, see p3 of the OSN 25 photos),

and can just be seen on someone's hand in Fig.3.

The Set's maker in Bratsigovo, is the same as before, and the date rubber-stamped on a yellow label stuck onto the box's wrapper is 30 vi 1989.

The PARTS All the different parts in the Set are shown right (except the 3*3h Trapezoidal Plate, see OSN 25) with the metal parts to the right of the black Plates. All the parts were in the OSN 25 set except the 5h Strip & the 3*5h Flexible Plate, and, apart from some of the colours, match them except that the Motor has a tinplate case, plastic gears, and a built-in axle to accept the push-on plastic (Pulley) Wheels. The hex Huts & panheaded Bolts are steel: the M4 have a brassy look, except the perhaps cadmiumed 8mm Bolt; the M3 nickelled. The M4 parts are 7mm A/F & head diameter: the M3, 5.5mm.

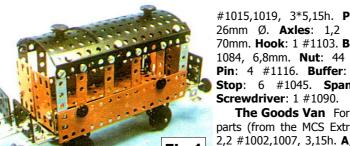
The SETS David's is packed in a plain brown cardboard box, 11*7*3", with the wrapper as described in OSN 25 around it (except that it has the yellow label on it). The wrapper shows the models from Sets 1-4: the Loco with either a Refrigerated Van, Tank Wagon, Goods Van, or Coach respectively, but the only indication of which set it is is the name, but not the Set No., on the yellow label. The parts are packed into 7 recesses in each of 2 white plastic travs.

A leaflet with the set lists the range available: Sets 1-4 as on the wrapper, No.5 is the Loco, and Nos.6-9 are 1-4 without the Loco.

The Loco & the 4 items of rolling stock are shown, as in OSN 25, on the front of this leaflet, but also a Railway Station & Level Crossing Barriers. On the back is a photo of a large display or exhibition piece. It has a Loco & 2 wagons running on black track, probably A/Gs; a Station; a Railway Footbridge; and some Garden Furniture, all seemingly made from parts in the system. 2 of the Helicopters and a Windmill from the ELEKTROMEKHANICHEN sets described in 36/1099 can also be seen, along with some other toys, presumably more of the firm's products.

The Loco Set The parts in it are: Strips: 1,2,4 #1001,1002, 1006, 2,3,10h. A/Gs: 2 #1028, 20h; 2 #1168, 10h, 120°. L-**Girder** 2 #1163, 15*2*1h. **A/Bs**: 4,4,2,4,1 #1034,1035,1119, 1160,1178, 1*1,2,4,6,6h. **D/B**: 2 #1038, 2*1*2h. **DAS**: 5 #1120, 1*3*1h. Rev. A/B: 6 #1036. Flat Trunnion: 6 #1013. Perf. **Plates**: 2,1,1,3,1,1 #1017,1012,1164,1161,1016,1021, 2*10, 3*3,3*7,3*10,5*7,7*10h. **Trapezoidal Plate**: 1 #1014, 3*3h. Flex. Plate: 1 #1177, 7*10h. Gear Wheel: 1 #1151. Pulleys: 1,6 #1115,1049, 23,38mm Ø. **Axles**: 1,2 #1057,1159, 20,81mm. Hook: 1 #1103. Bolts: 48,8 #1083,1084, 6,8mm. Nut: 56 #1089. **Bolt**: 6 #1079, M3*6mm. **Nut**: 6 #1088, M3. **Headed** Pin: 2 #1116. Buffer: 6 #1165. Axle Stop: 7 #1045. Funnel: 1 #1167. Headlamp: 3 #1166. Nut Carrier: 1 #1043. Spanner: 1 #1044. Screwdriver: 1 #1090. Geared Motor: 1 #1162. Switch: 1 #1112. Connection Wire (possibly, it was missing from the Set): 1 #1117.

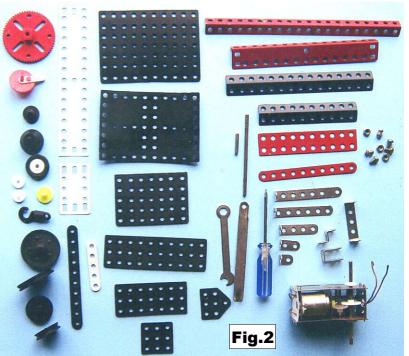
The Coach Set Its parts are: Strip: 8 #1003, 5h. A/Gs: 2 each #1027, 15h, & #1169, 15h, 120°. A/Bs: 8,5,4 #1035,1119, 1160, 1*2,4,6h. **D/B**: 1 #1038, 2*1*2h. **DAS**: 2 #1120, 1*3*1. Rev. A/B; 4 #1036. Flat Trunnion: 4 #1013. Perf. Plates: 4,1,1 #1012,1016,1021, 3*3, 5*7, 7*10h. Flex. Plates: 4,4



#1015,1019, 3*5,15h. **Pulley**: 4 #1048, 26mm Ø. **Axles**: 1,2 #1057,1065, 20, 70mm. Hook: 1 #1103. Bolts: 40,4 #1083, 1084, 6,8mm. Nut: 44 #1089. Headed Pin: 4 #1116. Buffer: 6 #1165. Axle **Stop**: 6 #1045. **Spanner**: 1 #1044.

The Goods Van For completeness, its parts (from the MCS Extra Sheet): Strips: 2,2 #1002,1007, 3,15h. **A/Gs**: 2 ea #1027, 15h, & #1169, 15h, 120°. A/Bs: 4,1,4 #1035,1119,1160, 1*2,4,6h. **D/B**:1 #1038,

2*1*2h. DAS: 2 #1120, 1*3*1h. Flat Trunnion: 4 #1013. Perf.



Plates: 7,1 #1016,1021, 5*7, 7*10h. Flex. Plate: 2 #1019, 3*15h. **Pulley**: 4 #1048, 26mm Ø. **Axles**: 1,2 #1057,1065, 20,70mm. Side Rail: 2 #1171. Hook: 1 #1103. Bolts: 26,4 #1083,1084, 6,8mm. Nut: 30 #1089. Buffer: 6 #1165. Axle **Stop**: 6 #1045. **Spanner**: 1 #1044. **Screwdriver**: 1 #1090.

The MODEL LEAFLETS There is one for the Loco & one for the Coach, and they are in the same style as those in OSN 25. That's to say a long sheet folded into panes 238*163mm: 5 for the Loco, 4 for the Coach. Both feature the real article on the front, plus a hand with the model on it, as below. After this there are, for the Loco/Coach, 4/3 large photos showing constructional steps, each with a parts lists. The reverse side is printed in black on orange. For each model there are 2 exploded line drawings of key stages in the build (as in OSN 25) with the parts labelled with their PNs and with a parts list for the stage. Plus for the Loco a diagram showing the position of the Motor & Switch. Finally the Illustrated Parts Fig.3 spread over 2 panes.



OSN 47/1223 **MLADOST: S1**