

MECCANO

(TRADE MARKS 296321, 501113, 76, 12633, 70274, 55/13476, 569/13, 384/25, 2913, 98, 124, 336, 18068, 5403, 41812, 4174, 9048, 5549, 2389, 91637, 8317, 157149, 32822, 200639, 309738, 214061, 214062, 12892, 29094, 33316, 1818, 16737, 18900, 72289, 494933-4-5-6, 199420, 383/13, 5848, 50204, 10/12258, 22826, 18982, 20062/925, 2184, 7315, 29041, 26877, 6595, 404718)

HORNBY'S ORIGINAL SYSTEM—FIRST PATENTED IN 1901

INSTRUCTIONS

FOR OUTFIT

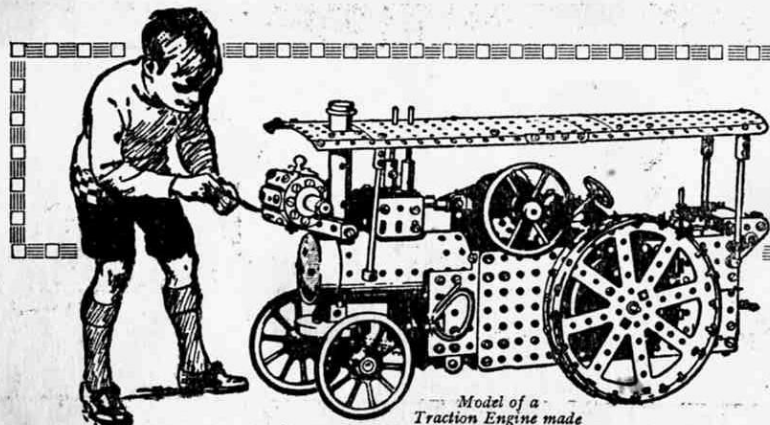
No. 0



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No. 30.0

ENGLISH EDITION



Model of a
Traction Engine made
entirely of Meccano

A TALK WITH NEW MECCANO BOYS

The Meccano No. 00 Outfit is the first step in the Meccano system ; then comes No. 0 with which hundreds of models can be made. After you have made all the models shown in this Manual you will want to build bigger models and you may do this by adding new parts to your Outfit or, by purchasing a No. 0A Accessory Outfit, you may convert your No. 0 into a No. 1. You will then be able to build many more models, including larger and better Cranes, Bridges, Wagons, Trucks, Windmills, etc.

HOW TO BUILD WITH MECCANO

First build the models exactly as they are illustrated in the Manual, and then take each model and try to improve on our design. Every one can be made in a dozen different ways. Screw up all the nuts and bolts tightly to ensure that your models will be strong and firm when they are completed.

MECCANO ACCESSORY OUTFITS

It is important to remember that each Outfit may be converted into the one next higher by means of an Accessory Outfit. Your No. 0 Outfit is converted into a No. 1 by adding to it a No. 0A. A No. 1A will then convert it into a No. 2 and so on. As you progress in Meccano you obtain a greater variety of parts, Gear Wheels, Pulley Wheels, Worm Wheels, Couplings, Cranks, and many other perfectly-made engineering parts. These enable you to construct complicated mechanical movements without any difficulty. The most wonderful feature about Meccano is that it is *real engineering* ; it is a fascinating and delightful hobby.

THE LIFE OF A MECCANO BOY

A Meccano boy is the happiest boy in the world. He builds models from the Meccano Instruction books ; invents new models ; enters the Competitions that are always being held in connection with the hobby ; joins the Meccano Guild and a Meccano Club and by wearing the Guild badge proclaims himself to be the friend of millions of other Meccano boys all over the world. He reads the "Meccano Magazine" regularly and corresponds with his friend the Editor when he feels like it. Time never hangs heavily on his hands and he is too busy and too happy to grumble.

MECCANO SERVICE

The service of Meccano does not end with selling an Outfit and an Instruction Manual. When you want to know something more about engineering than is now shown in our books, or when you strike a tough problem of any kind, write to us. We receive over 200 letters from boys every day all the year round. Some write to us because they are in difficulty, others because they want advice on their work or pleasures, or about the choice of a career. Others, again, write to us just because they like to do so and we are glad to know that they regard us as their friends.

Although all kinds of queries are put to us on all manner of subjects, the main interest is, of course, engineering. No one has such a wonderful knowledge of engineering matters as that possessed by our staff of experts. This vast store of knowledge, gained only by many years of hard-earned experience, is at your service. *We want the Meccano boy of to-day to be the famous engineer of to-morrow.*

WHEELS, GEARS, ETC.



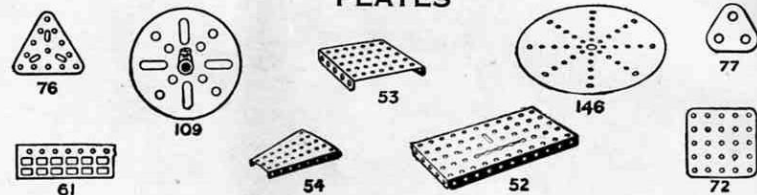
No.		Perforated Strips		No.		Nuts and Bolts, 7/32"		per box (doz.)		s. d.		
		s. d.										
1.	12 1/2"	1 doz.	1 0	3.	3 1/2"	...	1/2 doz.	0	4			
1a.	9 1/2"	"	0 9	4.	3 3/4"	...	"	0	3			
1b.	7 1/2"	"	0 8	5.	2 1/2"	...	"	0	3			
2.	5 1/2"	"	0 6	6.	2 1/4"	...	"	0	3			
2a.	4 1/2"	"	0 5	6a.	1 1/2"	...	"	0	3			
Angle Girders												
7.	24 1/2"	each	0 8	9a.	4 1/2"	...	1/2 doz.	0	10			
7a.	18 1/2"	"	0 6	9b.	3 3/4"	...	"	0	8			
8.	12 1/2"	doz.	1 9	9c.	3 3/4"	...	"	0	8			
8a.	9 1/2"	"	1 3	9d.	2 1/2"	...	"	0	7			
8b.	7 1/2"	"	1 2	9e.	2 1/4"	...	"	0	6			
9.	5 1/2"	"	1 0	9f.	1 1/2"	...	"	0	6			
10.	Flat Brackets			...	...	...	each	0	1		
11.	Double Brackets			...	...	...	doz.	0	3		
12.	Angle Brackets, 1" x 1"			...	...	...	1/2 doz.	0	4		
12a.	" " 1" x 1 1/2"			...	...	...	"	0	3		
12b.	" " 1 1/2" x 1 1/2"			...	...	...	"	0	3		
Axle Rods												
13.	1 1/2"	each	0 2	16a.	2 1/2"	...	2 for	0	1			
13a.	8 1/2"	"	0 2	16b.	3 1/2"	...	"	0	1			
14.	6 1/2"	"	0 1	17.	2"	...	3 for	0	1			
15.	5 1/2"	"	0 1	18a.	1 1/2"	...	"	0	1			
15a.	4 1/2"	2 for	0 1	18b.	1"	...	"	0	1			
16.	3 1/2"	"	0 1									
19.	Crank Handles, Large			...	...	...	each	0	2		
19a.	" Small			...	...	...	"	0	2		
19a.	Wheels, 3" diam., with set screws			...	...	...	"	0	6		
20.	Flanged Wheels, 1 1/2" diam.			...	...	...	"	0	5		
20b.	" 3"			...	...	...	"	0	4		
Pulley Wheels												
19b.	3" dia. with centre boss and set screw			...	...	...	each	0	7		
19c.	6"			...	...	...	"	2	0		
20a.	2"			...	...	...	"	0	5		
21.	1 1/2"			...	...	...	"	0	4		
22.	1"			...	...	...	"	0	3		
23a.	1 1/2"			...	...	...	"	0	3		
22a.	1"			...	...	...	"	0	2		
23.	1"			...	...	...	"	0	2		
24.	Bush Wheels			...	...	...	"	0	4		
25.	Pinion Wheels, 1/2" diam., 1/2" wide			...	...	...	"	0	6		
25a.	" 1/2" diam., 1/2" wide			...	...	...	"	0	8		
25b.	" 1/2" diam., 1/2" wide			...	...	...	"	0	10		
26.	" 1/2" diam., 1/2" wide			...	...	...	"	0	4		
26a.	" 1/2" diam., 1/2" wide			...	...	...	"	0	6		
26b.	" 1/2" diam., 1/2" wide			...	...	...	"	0	8		
Gear Wheels												
27.	50 teeth to gear with 1" pinion			...	...	...	each	0	6		
27a.	57 "			...	...	...	"	0	6		
27b.	133 "			...	...	...	"	1	3		
28.	Contrate Wheels, 1 1/2" diam.			...	...	...	"	0	9		
29.	" "			...	...	...	"	0	6		
30.	Bevel Gears, 1 1/2", 26 teeth			...	...	...	"	0	9		
30a.	" 1 1/2", 16 "			...	...	...	"	0	6		
30c.	" 1 1/2", 48 "			...	...	...	"	1	6		
31.	Gear Wheels, 1", 38 teeth			...	...	...	"	1	0		
32.	Worms			...	...	...	"	0	5		
34.	Spanners			...	...	...	"	0	2		
34b.	Box Spanners			...	...	...	"	0	4		
35.	Spring Clips			...	...	per box (doz.)	0	3	3		
36.	Screwdrivers			...	...	each	0	6	0		
36a.	" Extra Long			...	...	"	0	6	0		
36b.	" Special			...	...	"	1	0	0		
37.	Nuts and Bolts, 7/32"			...	...	per box (doz.)	0	4	0		
37a.	Nuts			...	...	"	0	2	0		
37b.	Bolts, 7/32"			...	...	"	0	2	0		
38.	Washers			...	...	"	0	1	0		
40.	Hanks of Cord			...	...	2 for	0	3	0		
41.	Propeller Blades			...	...	per pair	0	4	0		
43.	Springs			...	...	each	0	2	0		
44.	Cranked Bent Strips			...	...	"	0	1	0		
45.	Double			...	...	"	0	1	0		
46.	" Angle Strips, 2 1/2" x 1"			...	...	1/2 doz.	0	6	0		
47.	" " 3" x 1 1/2"			...	...	"	0	9	0		
47a.	" " 3" x 1 1/2"			...	...	"	0	4	0		
48.	" " 1 1/2" x 1"			...	...	"	0	5	0		
48a.	" " 2 1/2" x 1"			...	...	"	0	6	0		
48b.	" " 3 1/2" x 1"			...	...	"	0	6	0		
48c.	" " 4 1/2" x 1"			...	...	"	0	9	0		
48d.	" " 5 1/2" x 1"			...	...	"	0	9	0		
50a.	Eye Pieces, with boss			...	...	each	0	4	0		
52.	Perforated Flanged Plates, 5 1/2" x 2 1/2"			...	...	"	0	5	0		
52a.	Flat Plates, 5 1/2" x 3 1/2"			...	...	"	0	3	0		
53.	Perforated Flanged Plates, 3 1/2" x 2 1/2"			...	...	"	0	3	0		
53a.	Flat Plates, 4 1/2" x 2 1/2"			...	...	"	0	3	0		
54.	Perforated Flanged Sector Plates			...	...	"	0	2	0		
55.	Strips, slotted, 5 1/2" long			...	...	"	0	1	0		
55a.	" "			...	...	"	1	9	0		
56.	Instruction Manuals, No. 4-7			...	...	"	1	9	0		
56a.	" " No. 0-3			...	...	"	1	9	0		
56b.	" " No. 0			...	...	"	0	6	0		
56c.	Meccano Standard Mechanisms Manual			...	...	"	1	0	0		
56d.	Book of New Models			...	...	"	7	6	0		
56f.	Bound Manual			"	2	for	0	1		
57.	Hooks			...	...	"	each	0	1		
57a.	" Scientific			...	...	"	0	3	0		
57b.	" Loaded			...	...	"	per length	0	0		
58.	Spring Cord			...	...	doz.	0	6	0		
58a.	Coupling Screws for Spring Cord			...	...	2 for	0	3	0		
59.	Collars with Set Screws			...	...	4 for	0	6	0		
61.	Windmill Sails			...	...	each	0	3	0		
62.	Cranks			...	...	"	0	4	0		
62a.	Threaded Cranks			...	...	"	0	3	0		
62b.	Double Arm Cranks			...	...	"	0	6	0		
63.	Couplings			...	...	"	0	8	0		
63a.	Octagonal Couplings			...	...	"	0	8	0		
63b.	Strip Couplings			...	...	"	0	6	0		
63c.	Threaded Couplings			...	...	"	0	2	0		
64.	Bosses			...	...	"	0	1	0		
65.	Centre Forks			...	...	"	1	0	0		
66.	Weights, 50 grammes			...	...	"	1	0	0		
67.	" 25			...	...	"	0	3	0		
68.	Set Screws, 1/2"			...	...	doz.	0	3	0		
69.	Wood Screws, 5/32"			...	...	"	0	3	0		
69a.	Grub Screws, 5/32"			...	...	"	0	4	0		
69b.	" 7/32"			...	...	"	0	5	0		
70.	Flat Plates, 5 1/2" x 2 1/2"			...	...	each	0	4	0		
72.	" 2 1/2" x 2 1/2"			...	...	"	0	2	0		
76.	Triangular Plates, 2 1/2"			...	...	"	0	1	0		
77.	" 1"			...	...	"	0	1	0		
Screwed Rods												
78.	1 1/2" each			0	6	8a. 3 1/2"	...	each	0	3	0	
79.	8"			0	5	8b. 4 1/2"	...	"	0	3	0	
79a.	6"			0	4	81. 2"	...	"	0	2	0	
80.	5"			0	3	82. 1 1/2"	...	"	0	1	0	
89.	5 1/2" Curved Strips, 10" radius			...	...	"	0	2	0		

Particulars and Prices of Meccano Parts (continued)

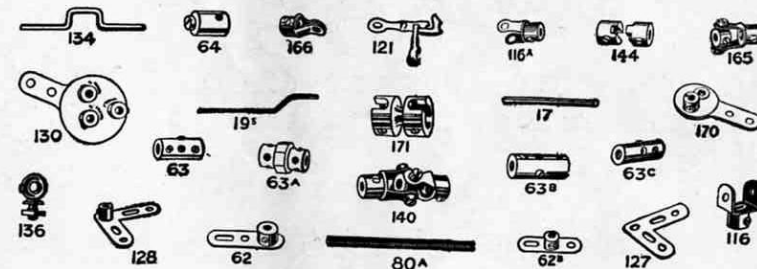
No.		s.	d.	No.		s.	d.
89a.	3" Curved Strips, cranked, 1 1/2" radius, 4 to circle each	0	2	128.	Boss Bell Cranks	each	0 3
90.	2 1/2" " " 2 1/2" radius	0	1	129.	Rack Segments, 3" diam.	each	0 5
90a.	2 1/2" " " cranked, 1 1/2" radius, 4 to circle	0	1	130.	Eccentrics, Triple Throw	each	1 0
94.	Sprocket Chain	per 40" length	0 6	131.	Dredger Buckets	1/2 doz.	1 0
95.	" Wheels, 2" diam.	each	0 5	132.	Flywheels, 2 1/2" diam.	each	2 0
95a.	" " 1 1/2" " "	each	0 4	133.	Corner Brackets	each	0 1
95b.	" " 3" " "	each	0 6	134.	Crank Shafts, 1" stroke	each	0 2
96.	" " 1" " "	each	0 3	135.	Theodolite Protractors	each	0 3
96a.	" " 3/4" " "	each	0 3	136.	Handrail Supports	each	0 3
97.	Braced Girders, 3 1/2" long	1/2 doz.	0 9	137.	Wheel Flanges	each	0 3
97a.	" " 3" " "	each	0 8	138.	Ship's Funnels	each	0 3
98.	" " 2 1/2" " "	each	0 8	138a.	" " " "	each	0 9
99.	" " 12 1/2" " "	each	2 6	139.	Flanged Brackets (right)	each	0 2
99a.	" " 9 1/2" " "	each	2 0	139a.	" (left)	each	0 2
99b.	" " 7 1/2" " "	each	2 0	140.	Universal Couplings	each	0 10
100.	" " 5 1/2" " "	each	1 0	141.	Wire Lines (for suspending clock weights)	each	0 9
100a.	" " 4 1/2" " "	each	0 10	142.	Rubber Rings, 3" rim	each	0 3
101.	Healds, for looms	doz.	0 9	142a.	Dunlop Tyre to fit 2" diam. rim	2 for	0 9
102.	Single Bent Strips	each	0 1	142b.	" " 3" " "	each	0 6
103.	Flat Girders, 5 1/2" long	1/2 doz.	0 10	142c.	" " 1" " "	each	0 3
103a.	" " 9 1/2" " "	each	1 2	142d.	" " 1 1/2" " "	each	0 4
103b.	" " 12 1/2" " "	each	1 3	143.	Circular Girders, 5 1/2" diam.	each	1 0
103c.	" " 4 1/2" " "	each	0 9	144.	Dog Clutches	each	0 6
103d.	" " 3 1/2" " "	each	0 7	145.	Circular Strips, 7" diam. over all	each	0 9
103e.	" " 3" " "	each	0 6	146.	" Plates, 6" " "	each	1 0
103f.	" " 2 1/2" " "	each	0 5	147.	Pawls, with pivot bolt and nuts	each	0 3
103g.	" " 2" " "	each	0 4	147a.	Pawls	each	0 2
103h.	" " 1 1/2" " "	each	0 4	147b.	Pivot Bolt with 2 nuts	each	0 2
103k.	" " 7 1/2" " "	each	1 0	148.	Ratchet Wheels	each	0 6
104.	Shuttles, for looms	each	5 0	149.	Collecting Shoes, for Electric Locomotives	each	1 6
105.	Reed Hooks, for looms	each	0 4	150.	Crane Grabs	each	1 7
106.	Wood Rollers	each	1 6	151.	Pulley Blocks, Single Sheave	each	0 8
106a.	Sand Rollers	each	1 9	152.	" Two	each	0 9
107.	Tables for Designing Machines	each	1 6	153.	" Three	each	1 0
108.	Architraves	each	0 2	154.	Corner Angle Brackets, 1/2" right hand	1/2 doz.	0 6
109.	Face Plates, 2 1/2" diam.	each	0 4	154b.	Corner Angle Brackets, 1/2" left hand	1/2 doz.	0 6
110.	Rack Strips, 3 1/2" " "	each	0 2	155.	Rubber Rings, 1/2" " "	each	0 1
110a.	" " 6 1/2" " "	each	0 3	156.	Pointers, 2 1/2" over all, with boss	each	0 4
111.	Bolts, 3/8" " "	2 for	0 1	157.	Fans, 2" diam.	each	0 4
111a.	" 1/2" " "	3 for	0 1	158a.	Signal Arms, Home	each	0 5
111c.	" " " "	doz.	0 3	158b.	" Distant	each	0 5
113.	Girder Frames	each	0 3	159.	Circular Saws	each	1 0
114.	Hinges	per pair	0 4	160.	Channel Bearings, 1 1/2" x 1" x 1/2"	each	0 2
115.	Threaded Pins	each	0 2	161.	Girder Brackets, 2" x 1" x 1/2"	2 for	0 3
116.	Fork Pieces, Large	each	0 3	162.	Boiler complete with ends	each	1 0
116a.	" Small	each	0 3	162a.	" ends	each	0 3
117.	Steel Balls, 3/8" diam.	doz.	0 6	162b.	" without ends	each	0 6
118.	Hub Discs, 5 1/2" " "	each	1 3	163.	Sleeve Pieces	per pair	0 6
119.	Channel Segments (8 to circle, 1 1/2" diam.)	each	0 4	164.	Chimney Adaptors	each	0 2
120.	Buffers	each	0 2	165.	Swivel Bearings	each	0 6
120a.	Spring Buffers	per pair	0 8	166.	End	each	0 3
120b.	Compression Springs	each	0 1	167.	Geared Roller Bearings	each	20 0
121.	Train Couplings	each	0 2	167a.	Roller Races, geared, 192 teeth	each	4 6
122.	Miniature Loaded Sacks	each	0 2	167b.	Ring Frames for Rollers	each	3 0
123.	Cone Pulleys	each	1 3	167c.	Pinions for Roller Bearings, 16 teeth	each	1 0
124.	Reversed Angle Brackets, 1" " "	1/2 doz.	0 4	168.	Ball Bearings, 4" diam.	each	3 0
125.	" " 1 1/2" " "	each	0 3	168a.	" Races, flanged disc	each	0 6
126.	Trunnions	each	0 3	168b.	" toothed	each	0 9
126a.	Flat Trunnions	each	0 2	168c.	" Casings, complete with balls	each	1 9
127.	Simple Bell Cranks	each	0 1	169.	Digger Buckets	each	2 0
				170.	Eccentrics, 1/2" throw	each	0 9
				171.	Socket couplings	each	0 9

* The series includes 26 funnels in the correct designs and colours of leading shipping companies. As new parts are frequently added to the Meccano system, the foregoing list is not necessarily complete. The latest illustrated list is obtainable free from your dealer on request.

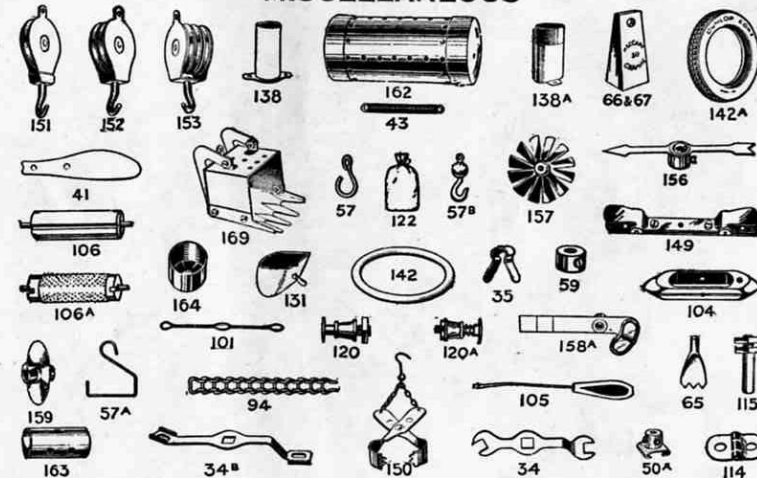
PLATES

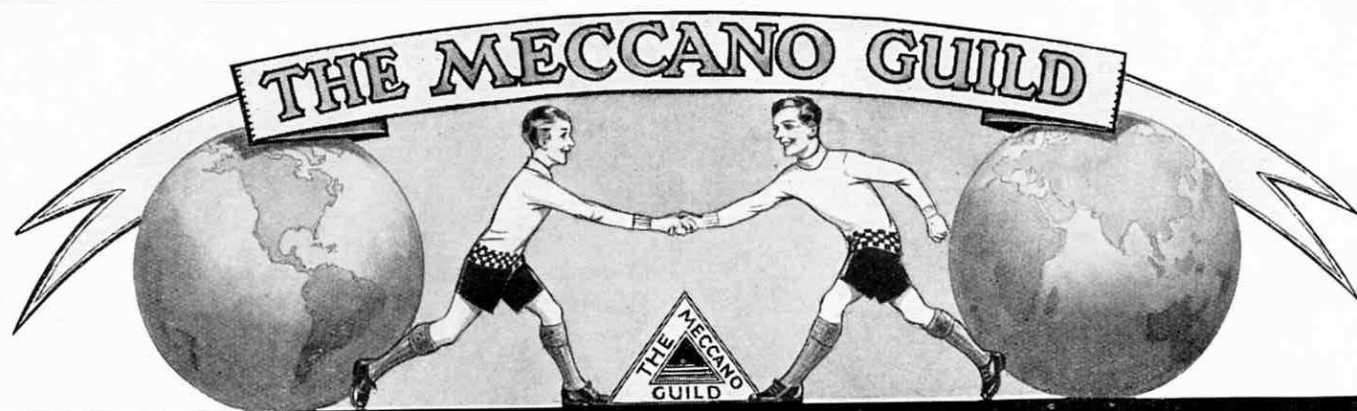


RODS, CRANKS AND COUPLINGS



MISCELLANEOUS





WHAT THE GUILD MEANS

THE Meccano Guild is an organisation for boys, started at the request of boys, and conducted as far as possible by boys. In joining the Guild a Meccano boy becomes a member of a great brotherhood of world-wide extent, every member of whom has promised to observe its three great objects:—

- (1) *To make every boy's life brighter and happier.*
- (2) *To foster clean-mindedness, truthfulness, ambition, and initiative in boys.*
- (3) *To encourage boys in the pursuit of their studies and hobbies, and especially in the development of their knowledge of mechanical and engineering principles.*

HOW TO BECOME A MEMBER

MEMBERSHIP of the Guild is open to every boy possessing a Meccano Outfit, or Hornby Train Set, who satisfactorily fills in the prescribed application form.

The only conditions are that members promise to observe the objects of the Guild and to wear their badges on all possible occasions.

The price of the Guild membership badge is 7d. post free in the United Kingdom, and 1/- post free overseas. Boys overseas should ask their dealers for the name and address of the Meccano Agent in their country, who will be pleased to enrol them. A remittance for the necessary amount should be sent along with the form of application. The Guild badge is beautifully enamelled in blue and white and is made for wearing in the lapel of the coat.

MECCANO CLUBS

MECCANO CLUBS are founded and established under the guidance of the Guild Secretary at Headquarters and at the present time there are nearly 250 affiliated Clubs in various towns and villages throughout the world. Each Club has its Leader, Secretary, Treasurer, and other officials all of whom, with the exception of the Leader, are boys. Write for information how to form a Club, if there is no Club near you.

Special awards are given to Club members for good work in connection with their Club and medallions are awarded in connection with the Recruiting Campaign, full particulars of which will be sent on request.



BADGE OF
MEMBERSHIP



GUILD
LEADER'S
BADGE



MECCANO GUILD
MEMBER'S CERTIFICATE



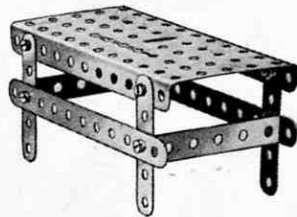
RECRUITING MEDALLION



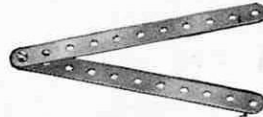
SPECIAL MERIT MEDALLION

All these Models can be built with MECCANO Outfit No. 00

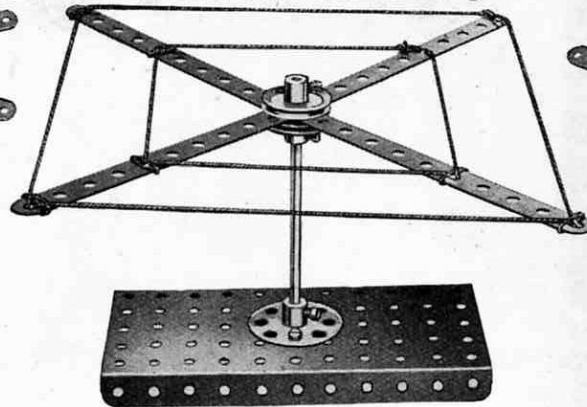
Model No. 00.1 Table



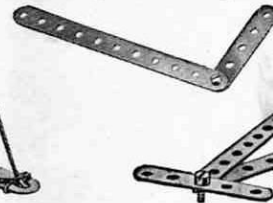
Model No. 00.3 Dividers



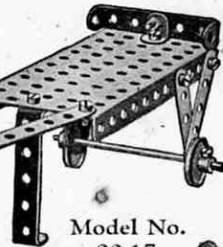
Model No. 00.8 Clothes Hanger



Model No. 00.12
Carpenter's Square



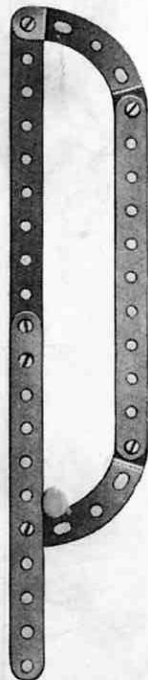
Model No. 00.16
Shipyard Bogie



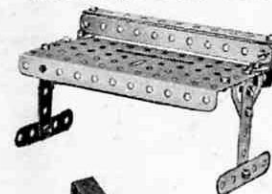
Model No. 00.4
Bench



Model No. 00.2
Meat Saw



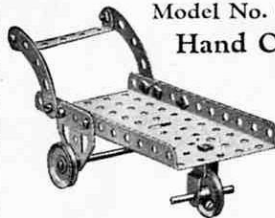
Model No. 00.13 Desk



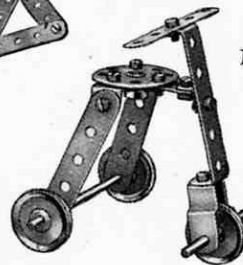
Model No.
00.17
Rifle with
Bayonet



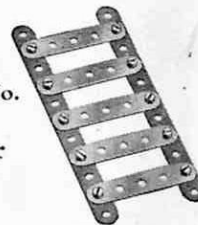
Model No. 00.5
Hand Cart



Model No. 00.9
Velocipede



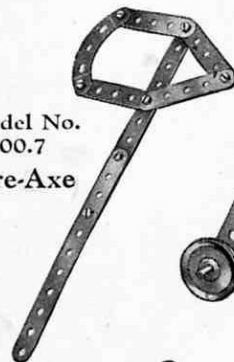
Model No.
00.10
Ladder



Model No. 00.18
Farm Sight



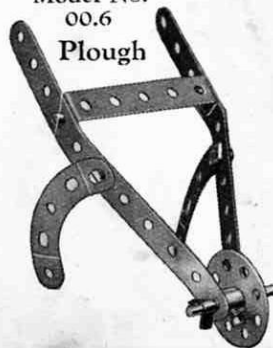
Model No.
00.7
Fire-Axe



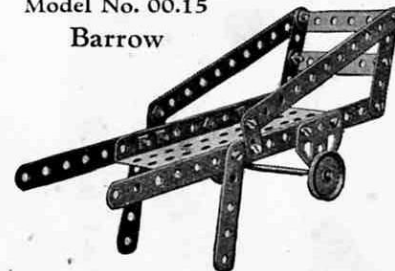
Model No.
00.14
Trowel



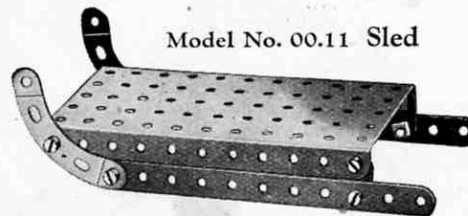
Model No.
00.6
Plough



Model No. 00.15
Barrow

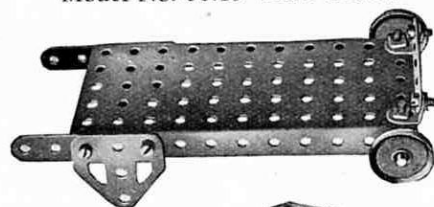


Model No. 00.11 Sled



All these Models can be built with MECCANO Outfit No. 00

Model No. 00.19 Flat Truck



Model No. 00.20 Spade



Model No. 00.21
Cement
Marker

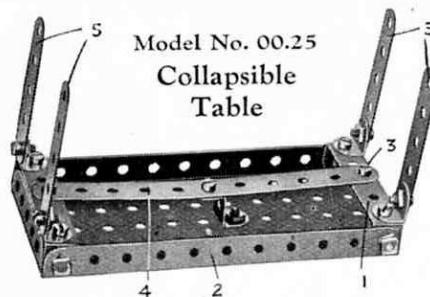
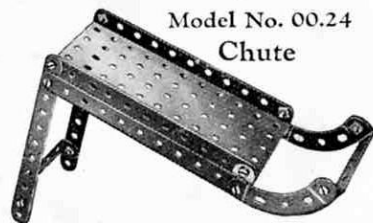
Model No. 00.22 Motor Boat



Model No. 00.23
Plasterer's
Hawk



Model No. 00.24
Chute



The $2\frac{1}{2}'' \times \frac{1}{2}''$ Double Angle Strips 1 are attached to the $5\frac{1}{2}'' \times 2\frac{1}{2}''$ Flanged Plate 2 by lock-nutted bolts, as in Standard Mechanism No. 263. The Bolts 3 are secured to the $5\frac{1}{2}''$ Strip 4 and their shanks engage with the centre holes in the $2\frac{1}{2}'' \times \frac{1}{2}''$ Double Angle Strips 1, thus maintaining the legs 5 in an upright position. When it is desired to fold up the legs 5, it is only necessary to raise the ends of the Strip 4, thus freeing the Double Angle Strips 1. The table is shown in the folded position in Fig. 00.25A.

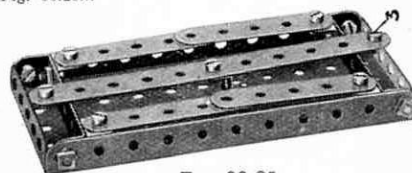
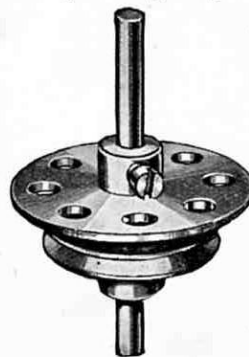
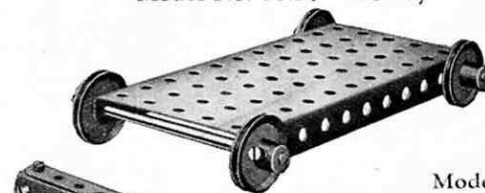


FIG. 00.25A

Model No. 00.26
Spinning Top



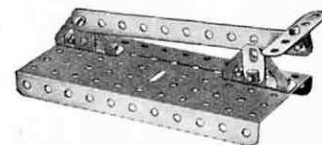
Model No. 00.27 Trolley



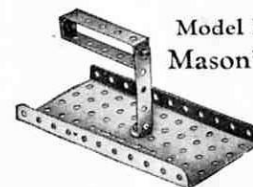
Model No. 00.28
Lewis Gun



Model No. 00.29 Switch



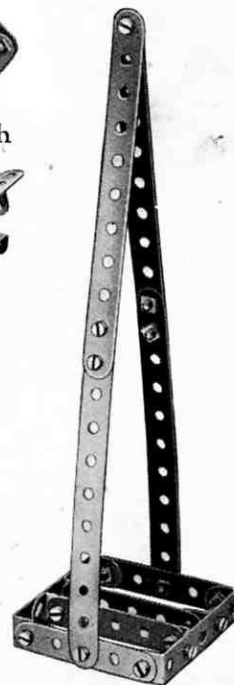
Model No. 00.30
Mason's Trowel



Model No. 00.31
Baggage Cart

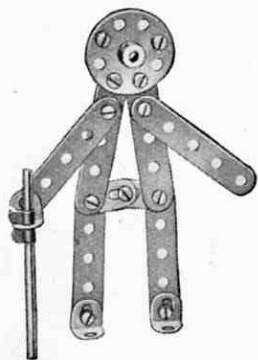


Model No. 00.32
Potato
Chopper

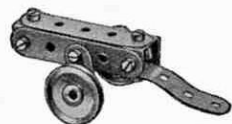


All these Models can be built with MECCANO Outfit No. 00

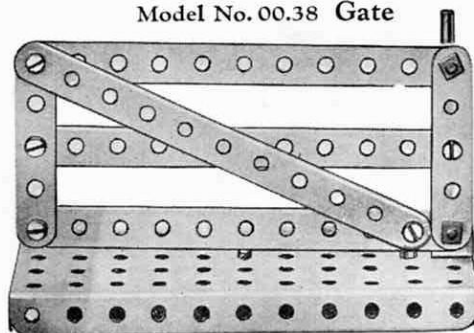
Model No. 00.33
Meccano Man



Model No. 00.36
Cannon



Model No. 00.38 Gate



Model No. 00.42
Violin



Model No. 00.44
Friction Grip Tongs



Model No.
00.37
Birdcage
and
Stand



Model No. 00.43
Clothes Horse



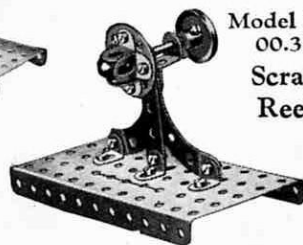
Model No. 00.45
Rake



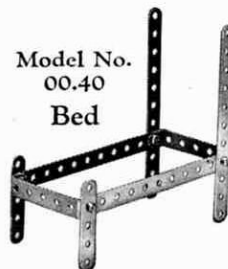
Model No. 00.34
Track Gauge



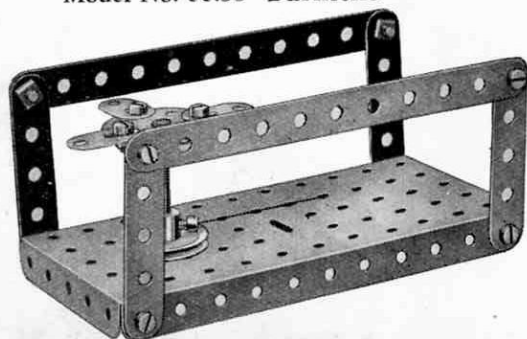
Model No.
00.39
Scrap
Reel



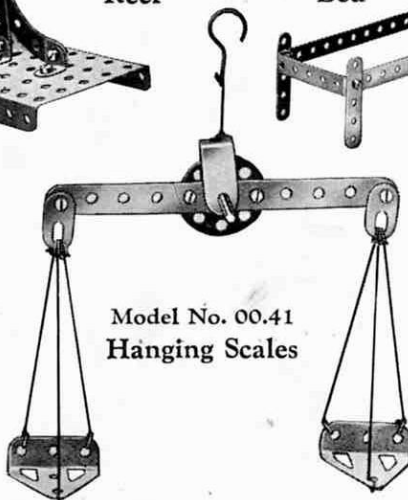
Model No.
00.40
Bed



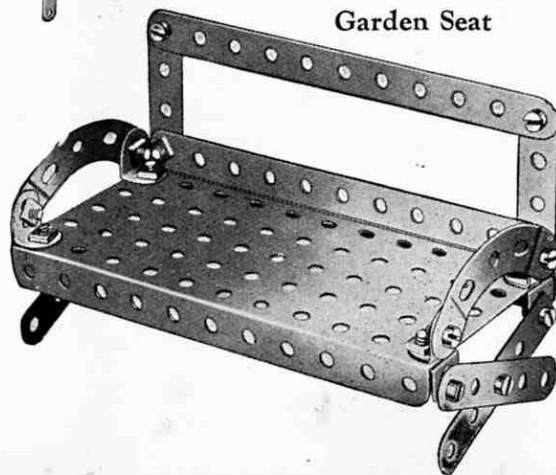
Model No. 00.35 Turnstile



Model No. 00.41
Hanging Scales



Model No. 00.46
Garden Seat



All these Models can be built with MECCANO Outfit No. 00

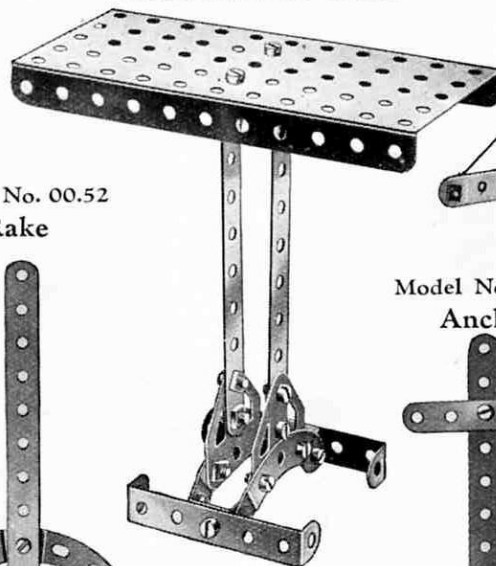
Model No. 00.47
Step Ladder



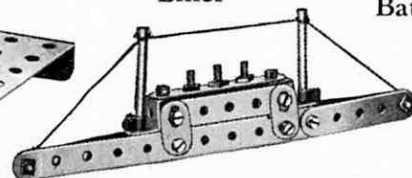
Model No. 00.50
Crib



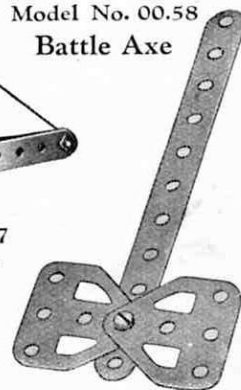
Model No. 00.53 Table



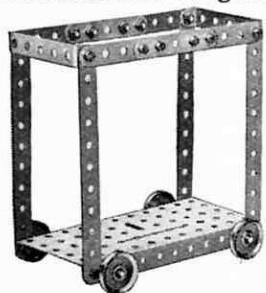
Model No. 00.55
Liner



Model No. 00.58
Battle Axe



Model No. 00.51
Refreshment Wagon



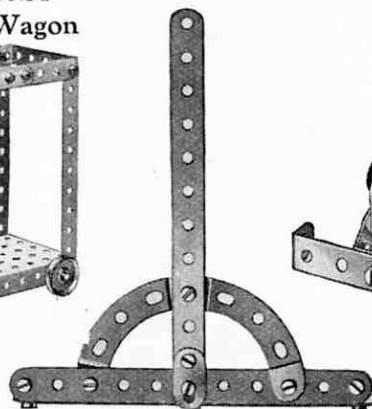
Model No. 00.48
Ostrich



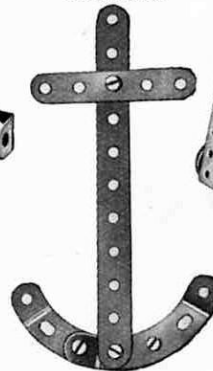
Model No. 00.49
Book End



Model No. 00.52
Rake



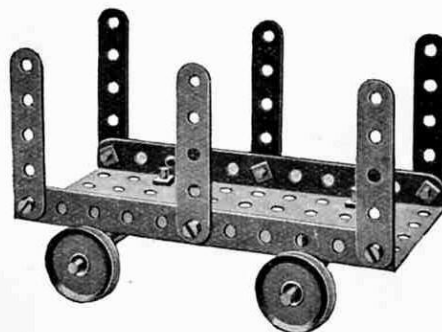
Model No. 00.56
Anchor



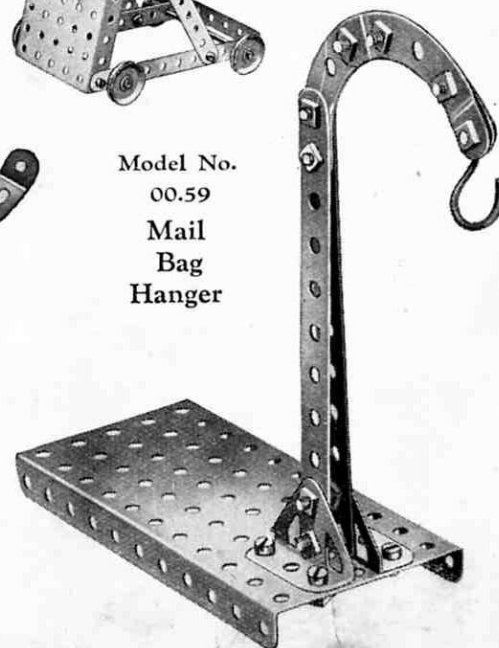
Model No. 00.57
Gravel Sifter



Model No. 00.54 Timber Truck

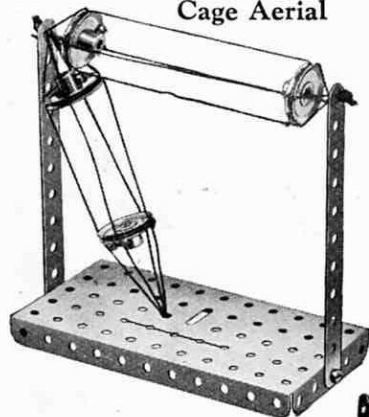


Model No.
00.59
Mail
Bag
Hanger

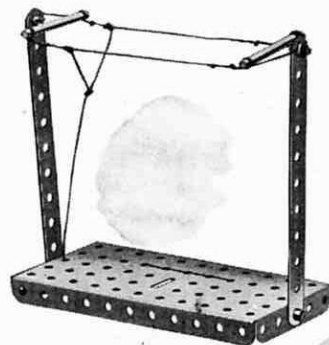


All these Models can be built with MECCANO Outfit No. 00

Model No. 00.60
Cage Aerial



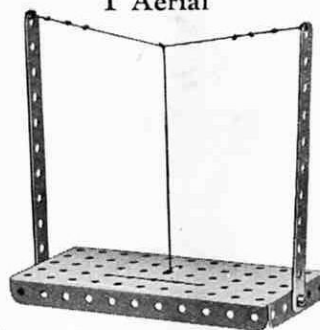
Model No. 00.62 Double Wire
L Aerial



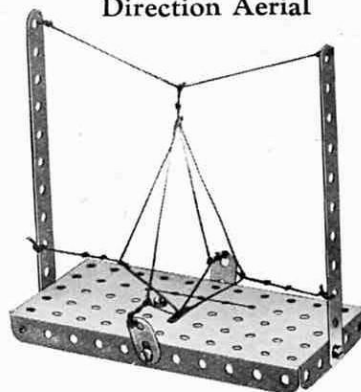
Model No. 00.64
Jumping Jack



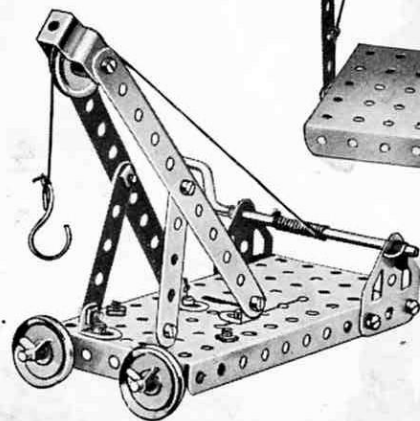
Model No. 00.66
Single Wire
T Aerial



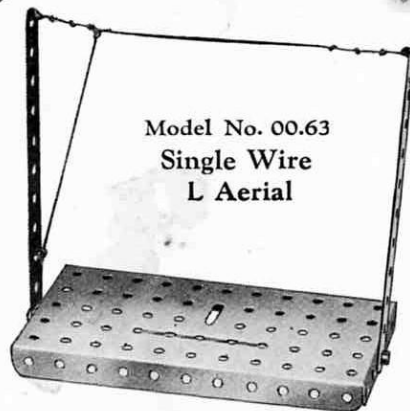
Model No. 00.68
Direction Aerial



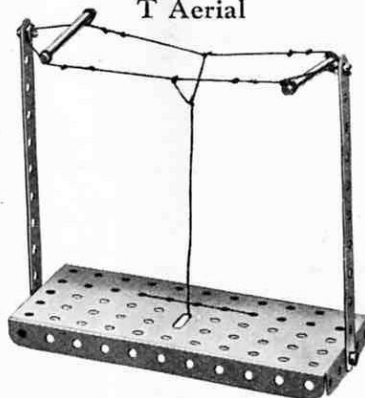
Model No. 00.61
Revolving Crane



Model No. 00.63
Single Wire
L Aerial



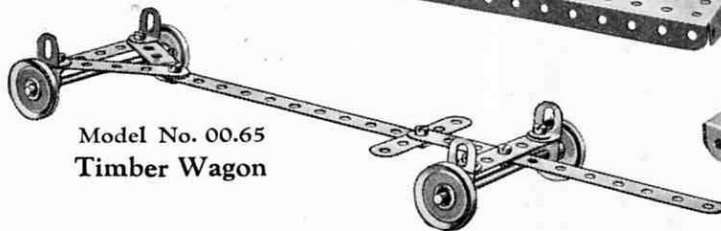
Model No. 00.67
Double Wire
T Aerial



Model No. 00.69
Swing



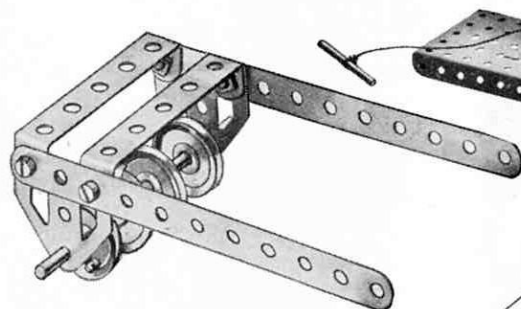
Model No. 00.65
Timber Wagon



All these Models can be built with MECCANO Outfit No. 00

9

Model No. 00.70 Field Roller



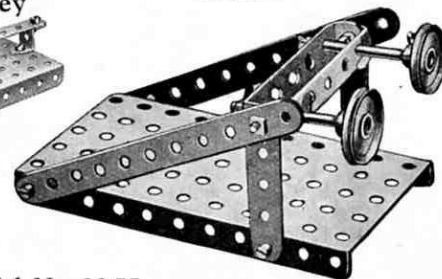
Model No. 00.73 Cheese Cutter



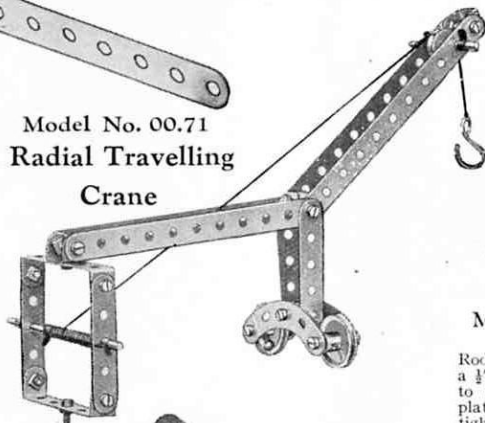
Model No. 00.76 Telegraph Key



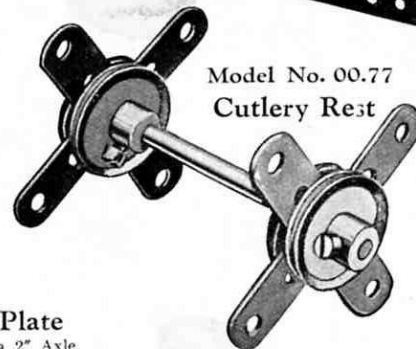
Model No. 00.79 Buffers



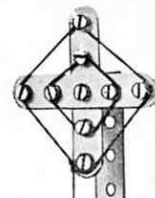
Model No. 00.71 Radial Travelling Crane



Model No. 00.77 Cutlery Rest

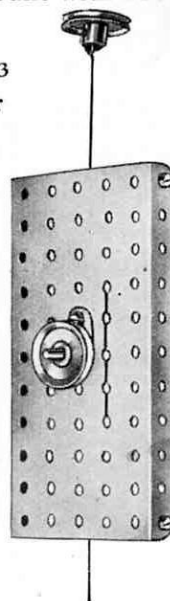


Model No. 00.80 Frame Aerial

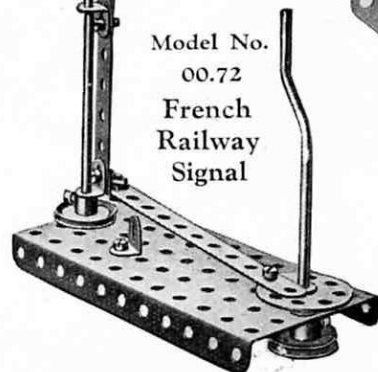


Model No. 00.74 Magic Plate

The cord is wound once round a 2" Axle Rod that is journalled in a Flat Bracket and a 1/2" Reversed Angle Bracket, which are bolted to the Plate. If the cord is held loosely the plate will drop, but as soon as the cord is tightened the plate becomes immovable.



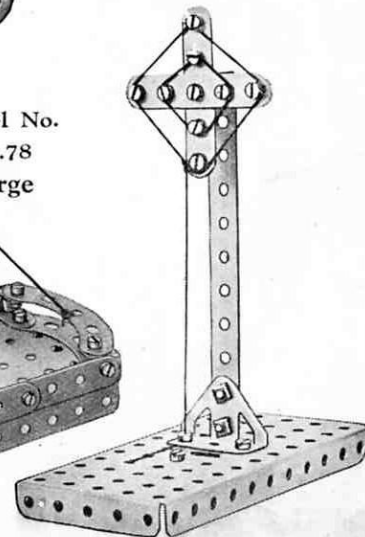
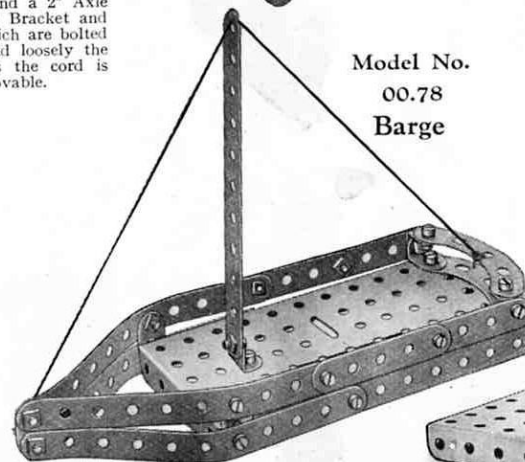
Model No. 00.72 French Railway Signal



Model No. 00.75 Print Trimmer

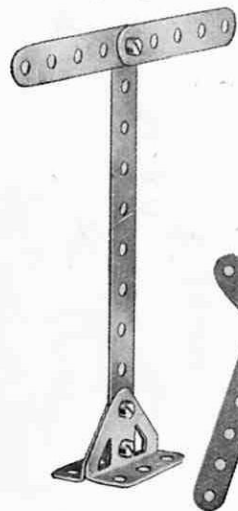


Model No. 00.78 Barge



All these Models can be built with MECCANO Outfit No. 00

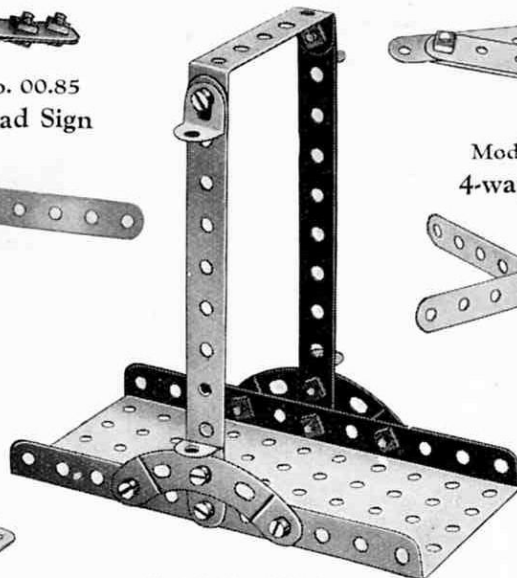
Model No. 00.81
2-way Sign Post



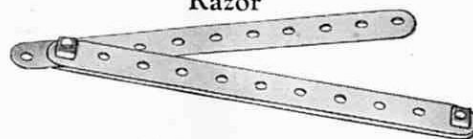
Model No. 00.83 Tweezers



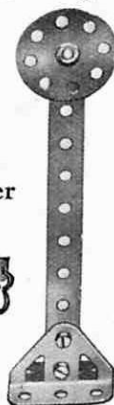
Model No. 00.88
Elevator Car



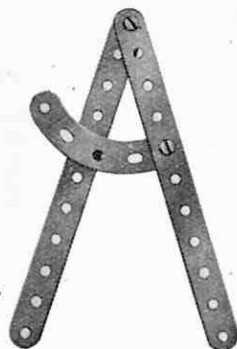
Model No. 00.90
Razor



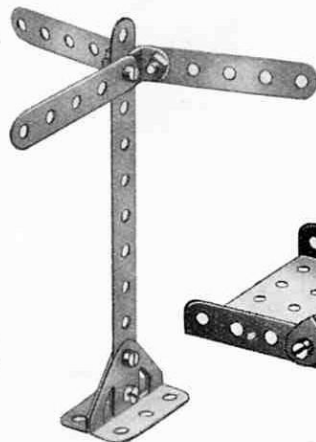
Model No. 00.94
Road Sign



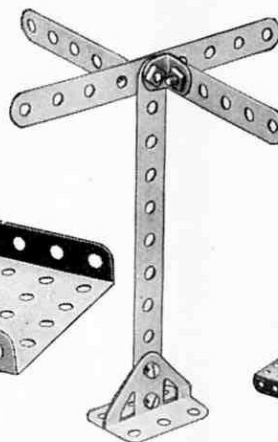
Model No.
00.84
Dividers



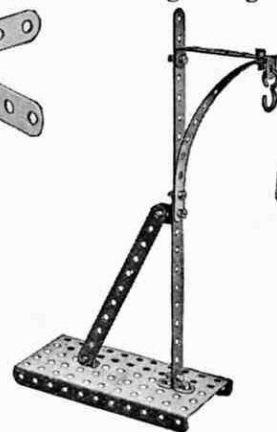
Model No. 00.85
3-way Road Sign



Model No. 00.91
4-way Road Sign



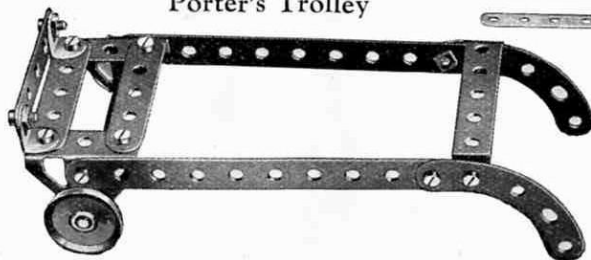
Model No. 00.92
Mail Bag Hanger



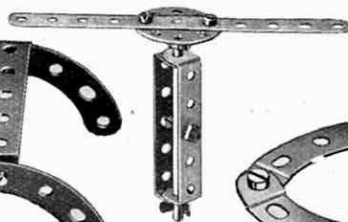
Model No. 00.82
Tin Opener



Model No. 00.86
Porter's Trolley



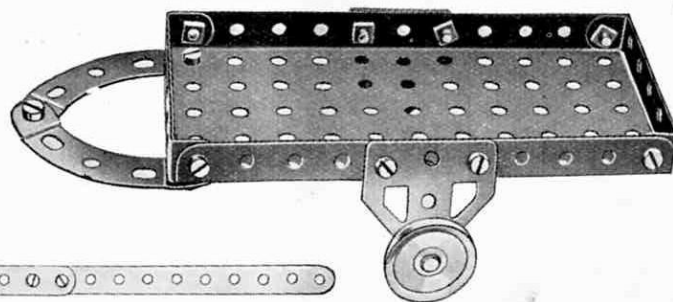
Model No. 00.89
Propeller



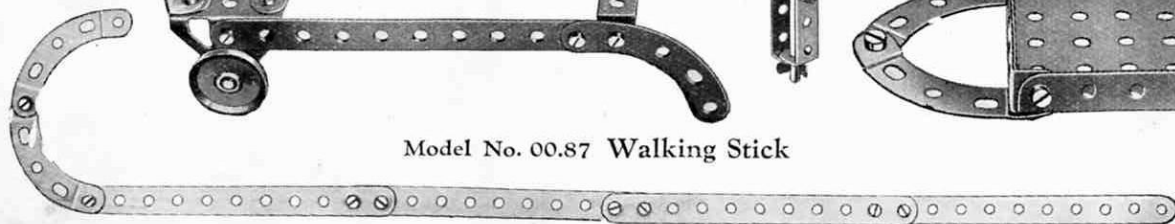
Model No.
00.95
Street
Lamp



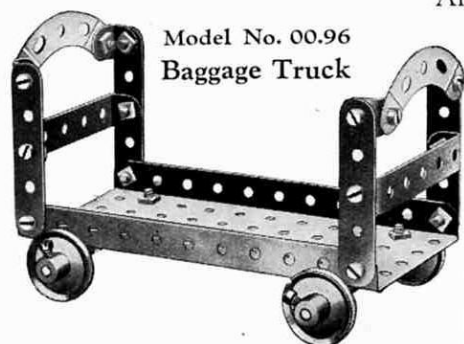
Model No. 00.93 Hand Truck



Model No. 00.87 Walking Stick

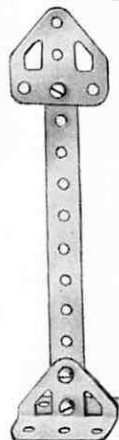


All these Models can be built with MECCANO Outfit No. 00

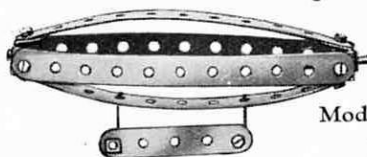


Model No. 00.96
Baggage Truck

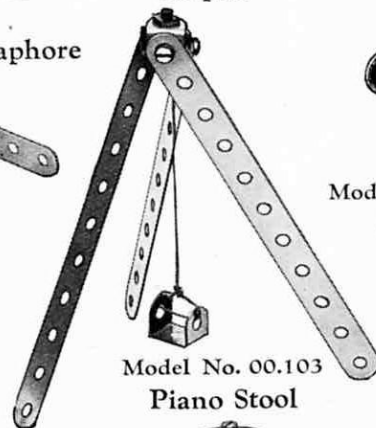
Model No. 00.99
Road Sign



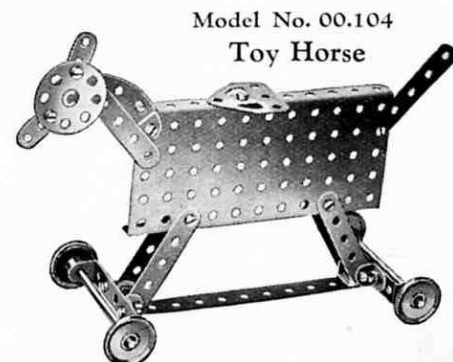
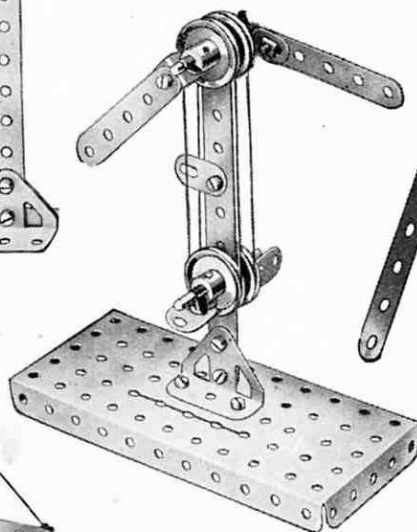
Model No. 00.100 Airship



Model No. 00.102
Tripod

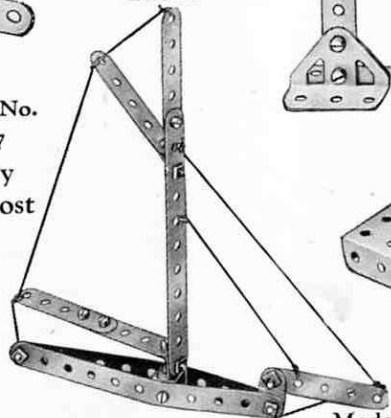


Model No. 00.101 Semaphore

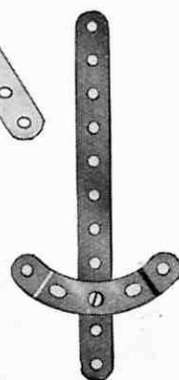


Model No. 00.104
Toy Horse

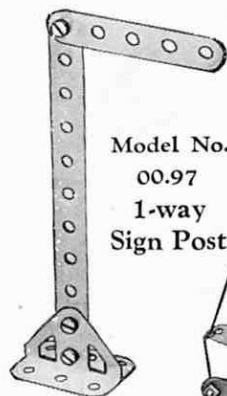
Model No. 00.98
Yacht



Model No. 00.105 Sword
Model No. 00.106 Umbrella Stand



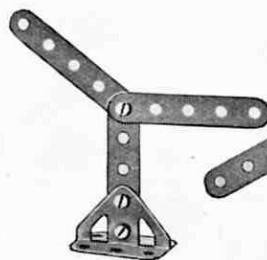
Model No.
00.97
1-way
Sign Post



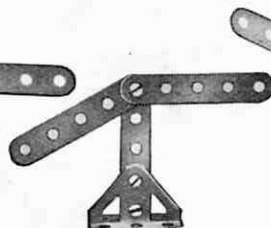
Model No. 00.103
Piano Stool



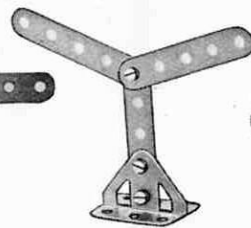
Models Nos. 00.107—00.114 Gradient Indicators



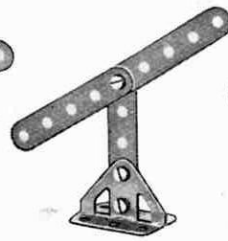
00.107



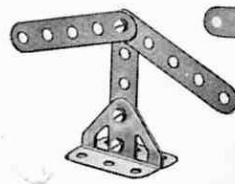
00.108



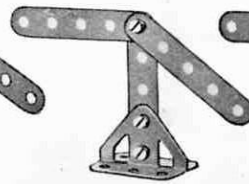
00.109



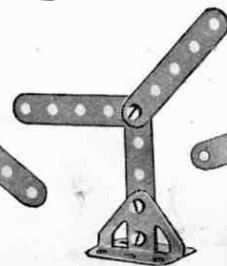
00.110



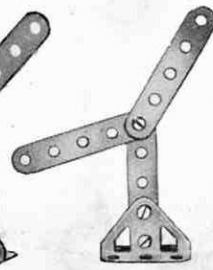
00.111



00.112



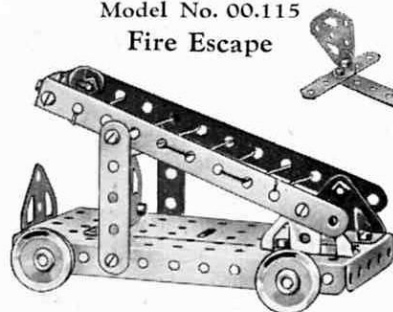
00.113



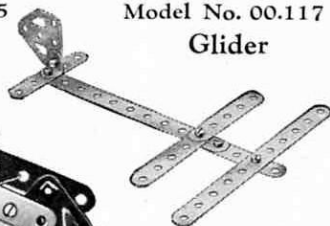
00.114

All these Models can be built with MECCANO Outfit No. 00

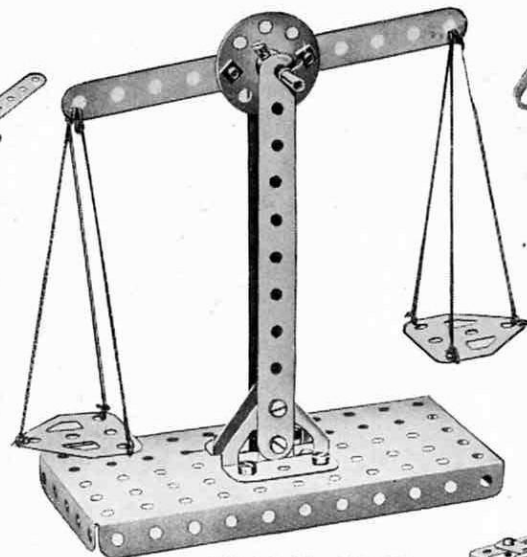
Model No. 00.115
Fire Escape



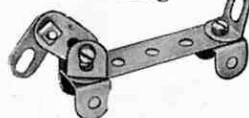
Model No. 00.117
Glider



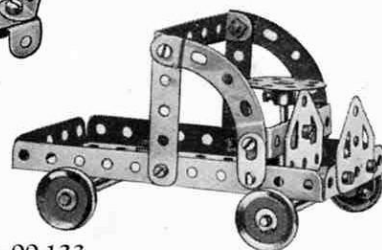
Model No. 00.120 Scales



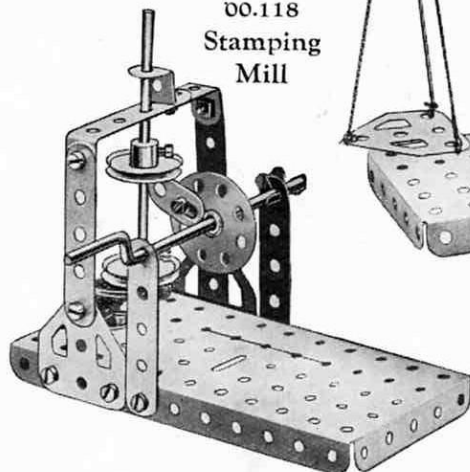
Model No. 00.122
Dog



Model No. 00.125
Motor Car



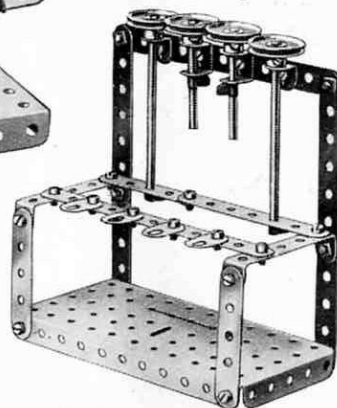
Model No.
00.118
Stamping
Mill



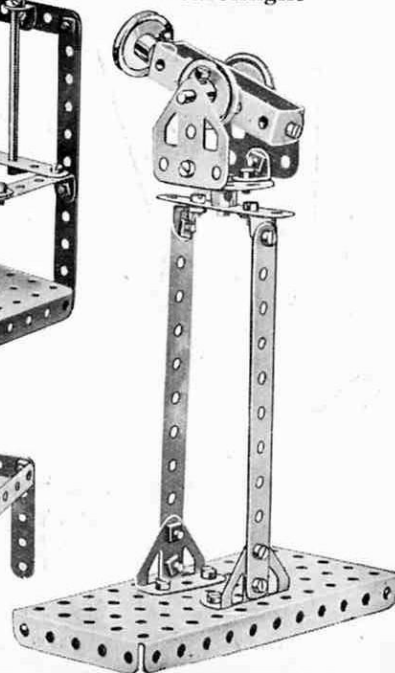
Model No. 00.116
Telegraph Pole



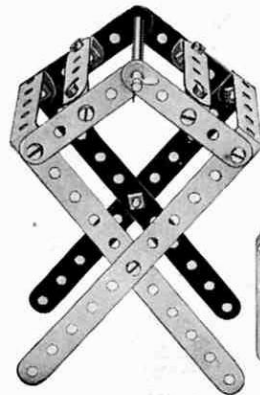
Model No. 00.123
Organ



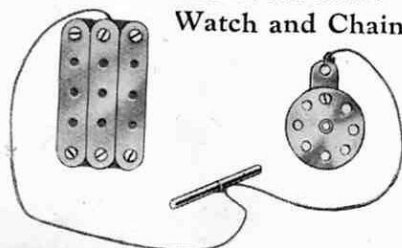
Model No. 00.126
Searchlight



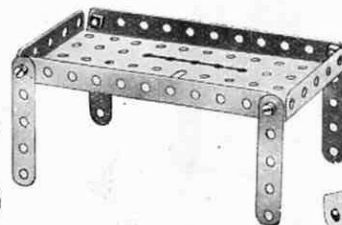
Model No. 00.121
Clothes
Drying Frame



Model No. 00.119
Watch and Chain

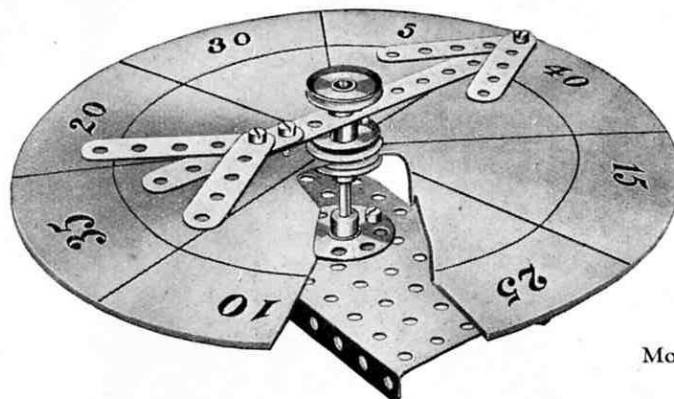


Model No. 00.124
Drinking Trough



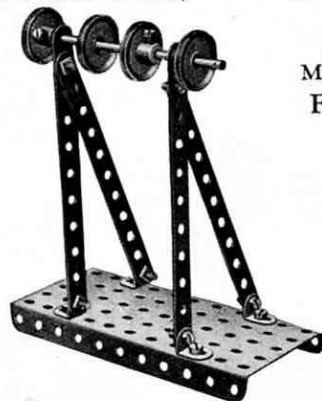
All these Models can be built with MECCANO Outfit No. 00

Model No. 00.132 Roulette Wheel

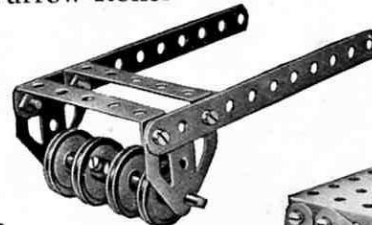


Cut out a circular piece of cardboard and mark as shown to form scoring board. This is clamped between two 1" Pulley Wheels. The pointer revolves freely on the upright spindle and is held in position by another 1" Pulley Wheel.

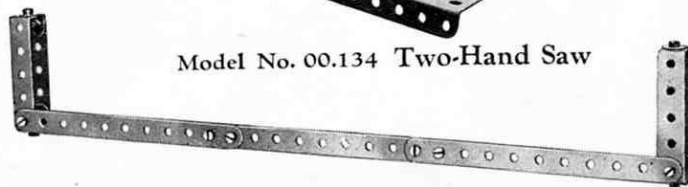
Model No. 00.133 Pulley Shafting



Model No. 00.138 Furrow Roller



Model No. 00.134 Two-Hand Saw



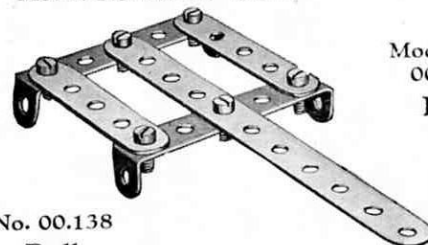
Model No. 00.135 Coat Hanger



Model No. 00.136 Roman Balance



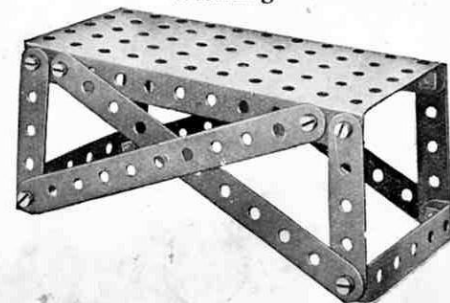
Model No. 00.137 Grill



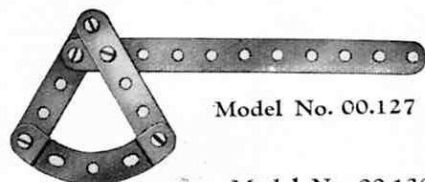
Model No. 00.139 Hoe



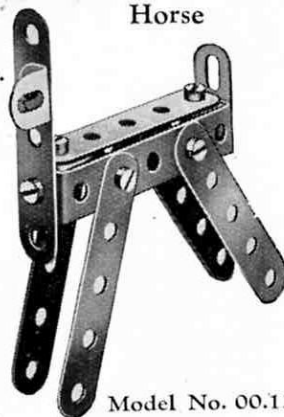
Model No. 00.140 Planing Bench



Model No. 00.127 Axe



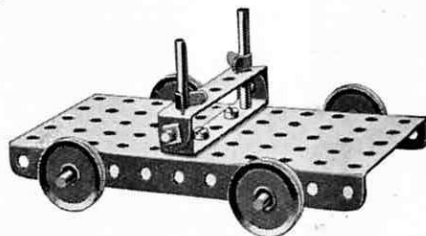
Model No. 00.130 Horse



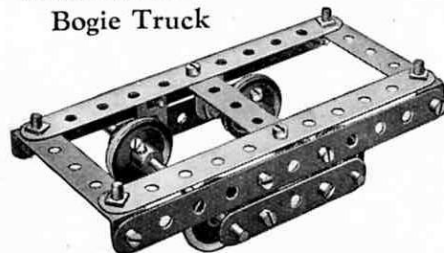
Model No. 00.128 Fork



Model No. 00.131 Lumber Truck

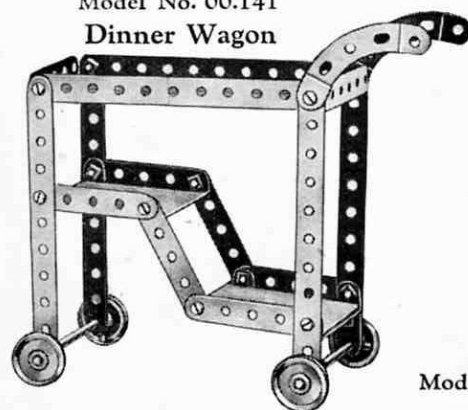


Model No. 00.129 Bogie Truck

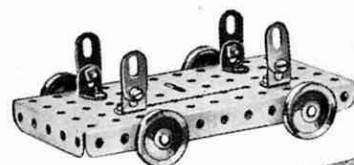


All these Models can be built with MECCANO Outfit No. 00

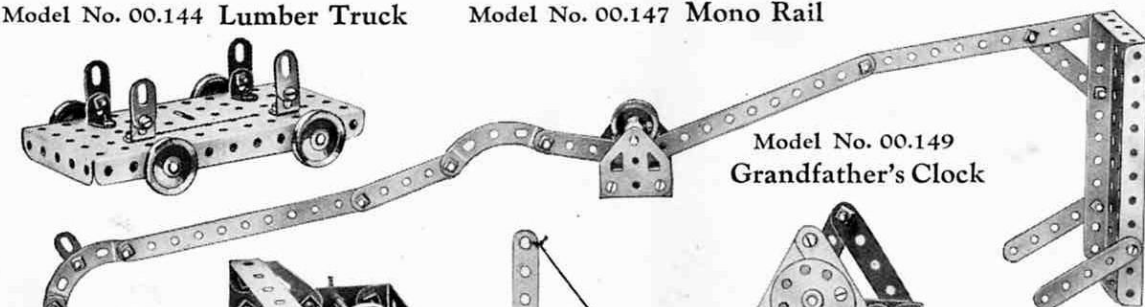
Model No. 00.141
Dinner Wagon



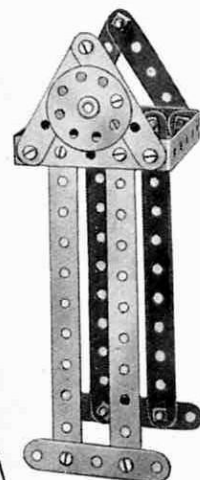
Model No. 00.144 Lumber Truck



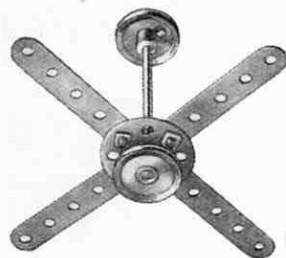
Model No. 00.147 Mono Rail



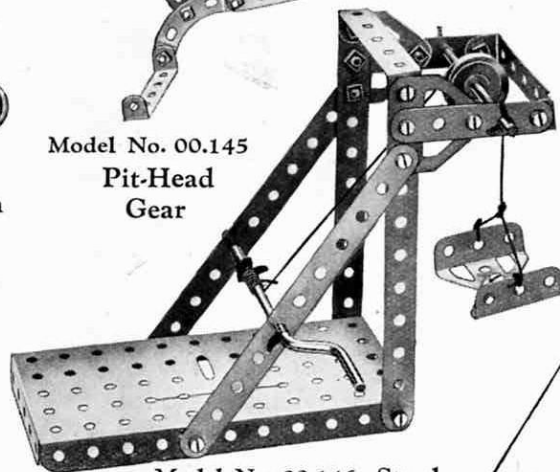
Model No. 00.149
Grandfather's Clock



Model No. 00.142 Ceiling Fan



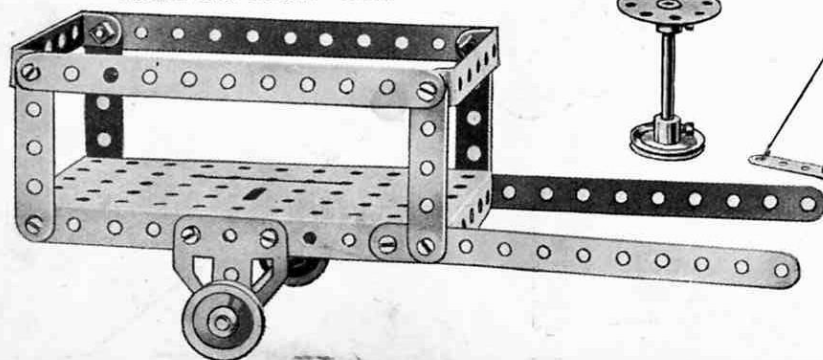
Model No. 00.145
Pit-Head
Gear



Model No. 00.150
Watch Stand



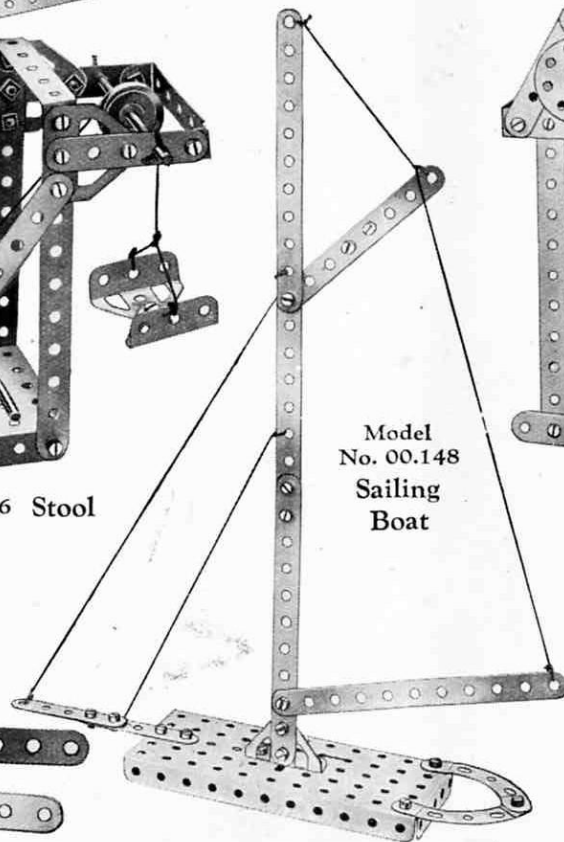
Model No. 00.143 Cart



Model No. 00.146 Stool

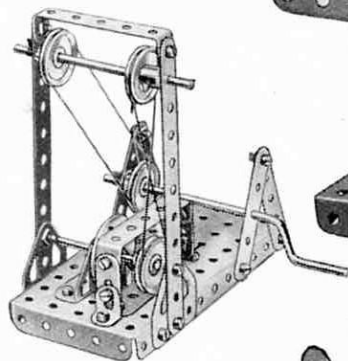


Model
No. 00.148
Sailing
Boat

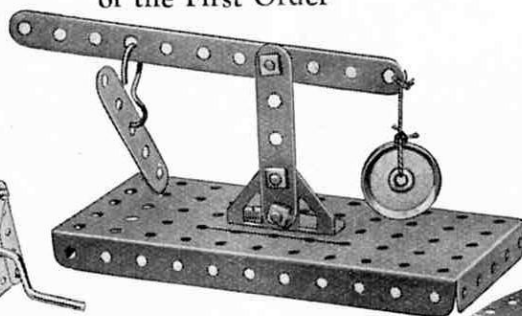


All these Models can be built with MECCANO Outfit No. 00

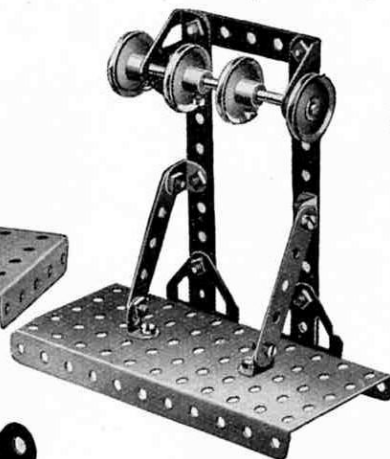
Model No. 00.151
Circular Saw



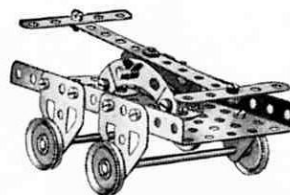
Model No. 00.154 Lever
of the First Order



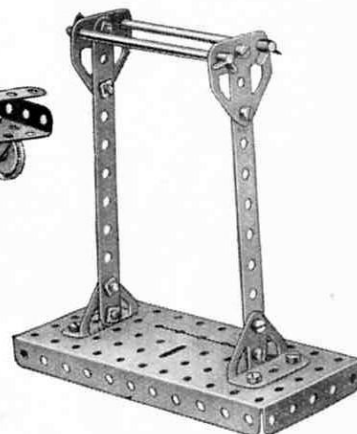
Model No. 00.156 Pulley Shafting



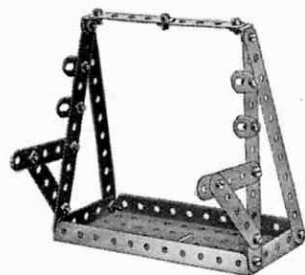
Model No. 00.159
Hand Car



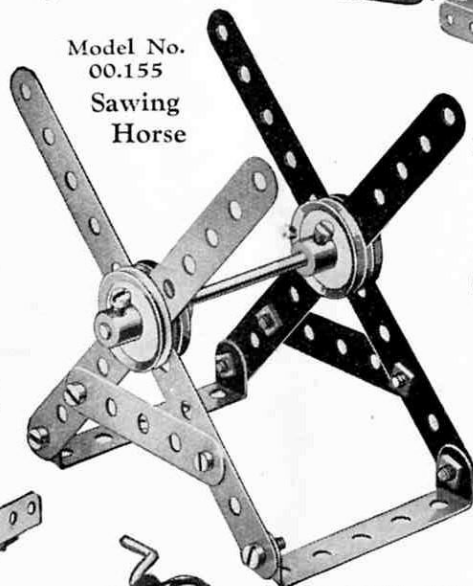
Model No. 00.161
Towel Horse



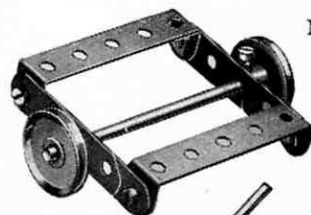
Model No. 00.152
Pen Rack



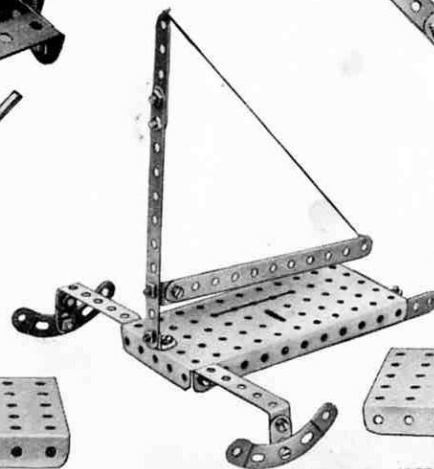
Model No.
00.155
Sawing
Horse



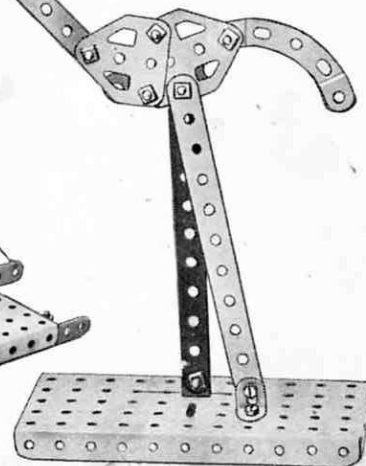
Model No. 00.157
Trolley



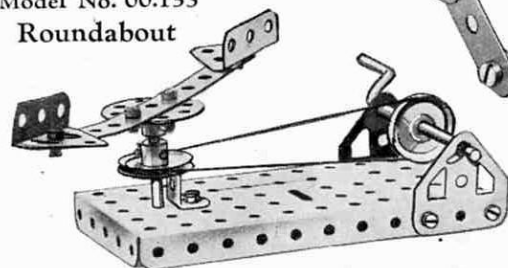
Model No. 00.160
Ice Yacht



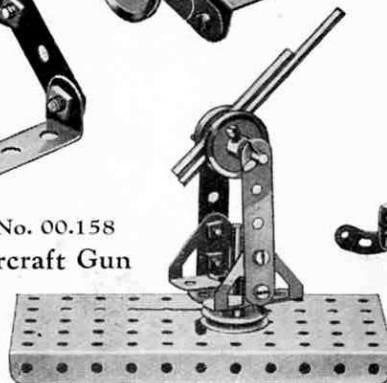
Model No. 00.162
Prehistoric Bird



Model No. 00.153
Roundabout



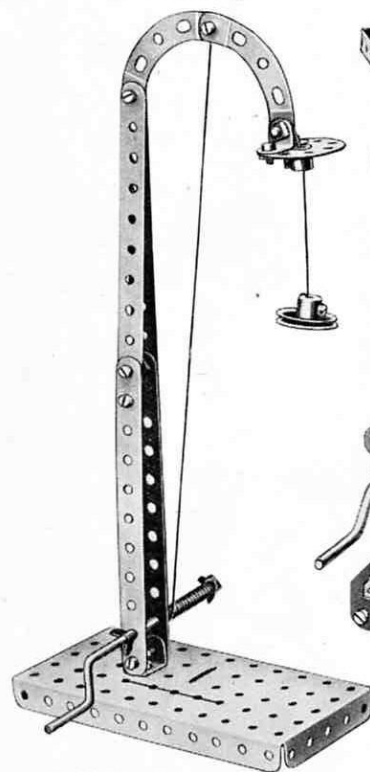
Model No. 00.158
Anti-Aircraft Gun



All these Models can be built with MECCANO Outfit No. 00

Model No. 00.163

Arc Lamp



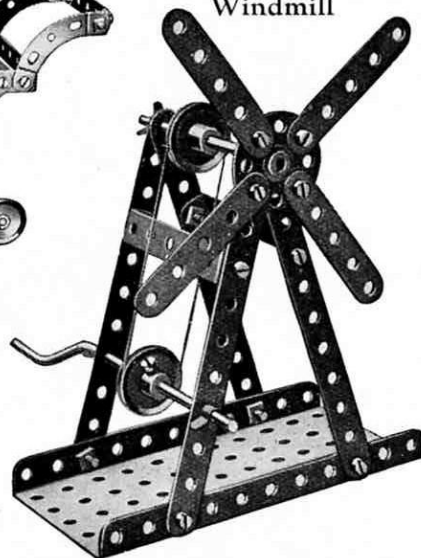
Model No. 00.165

Tea Wagon



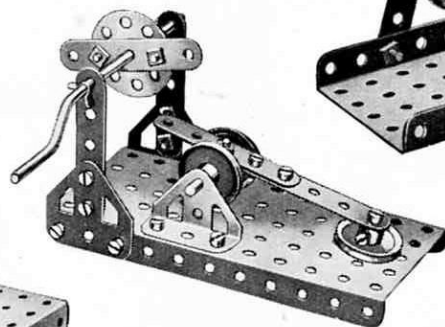
Model No. 00.167

Windmill



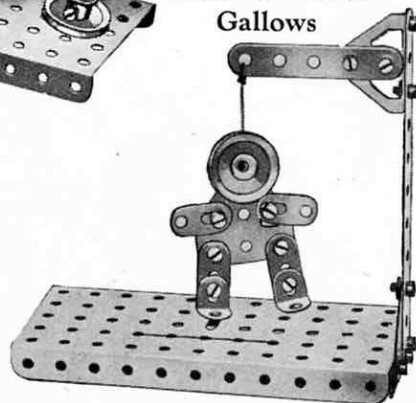
Model No. 00.166

Trip Hammer



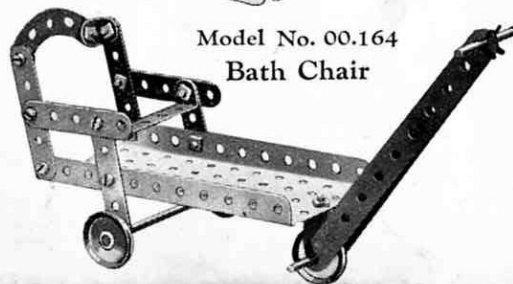
Model No. 00.168

Gallows



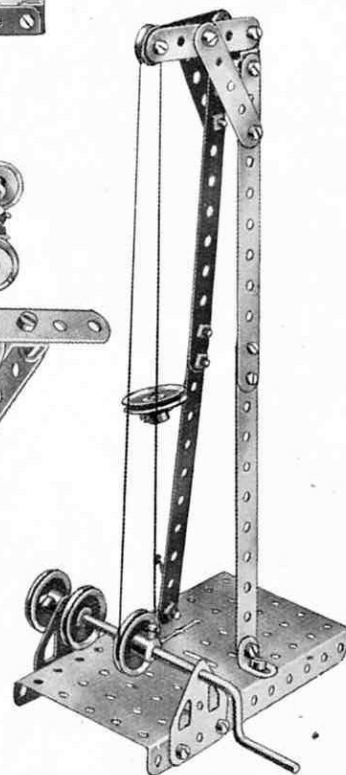
Model No. 00.164

Bath Chair



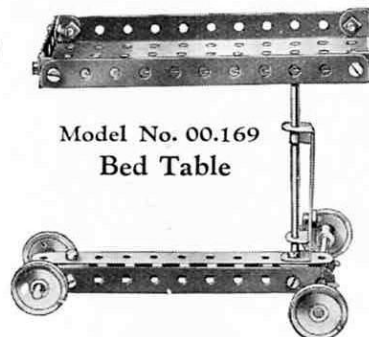
Model No. 00.171

Airship Mooring Mast



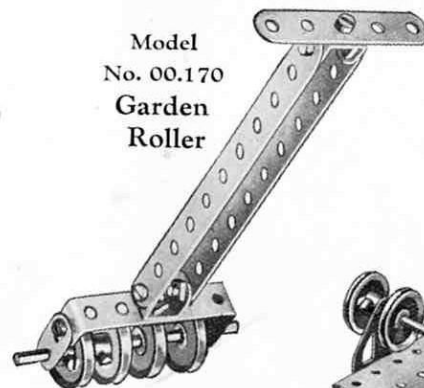
Model No. 00.169

Bed Table

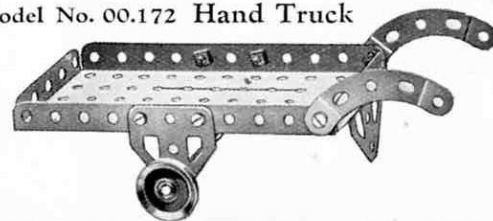


Model
No. 00.170

Garden
Roller

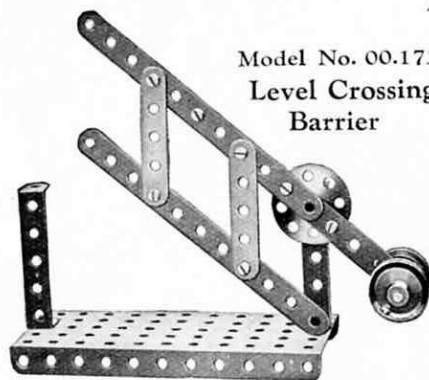


Model No. 00.172 Hand Truck



All these Models can be built with MECCANO Outfit No. 00

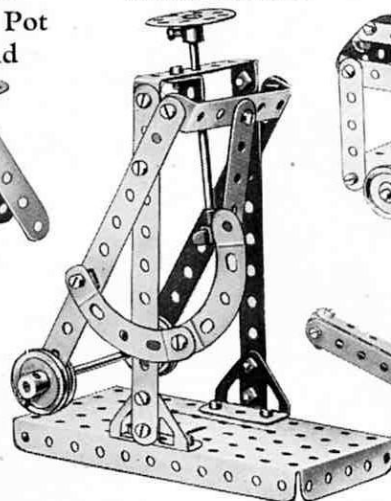
Model No. 00.173
Level Crossing
Barrier



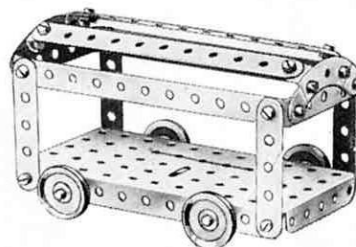
Model No.
00.175
Flower Pot
Stand



Model No. 00.177
Letter Balance

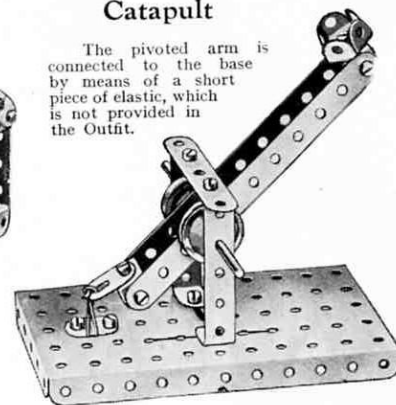


Model No. 00.179
Pullman Car

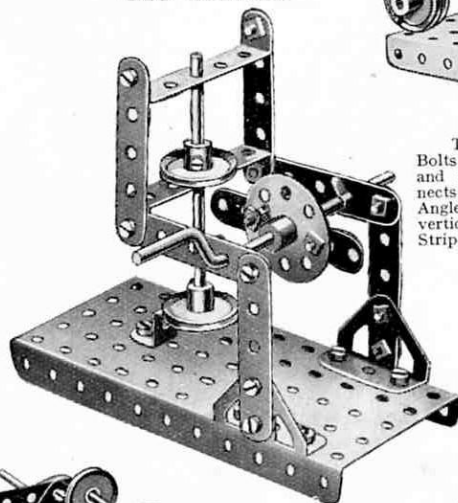


Model No. 00.181
Catapult

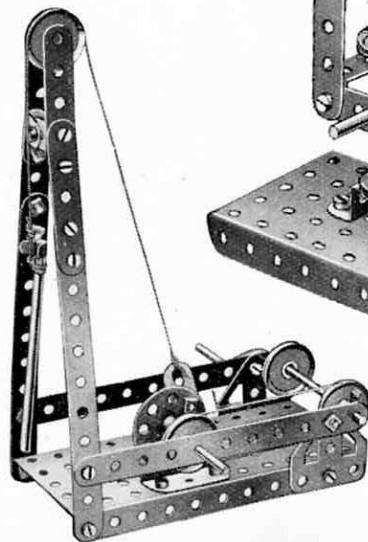
The pivoted arm is connected to the base by means of a short piece of elastic, which is not provided in the Outfit.



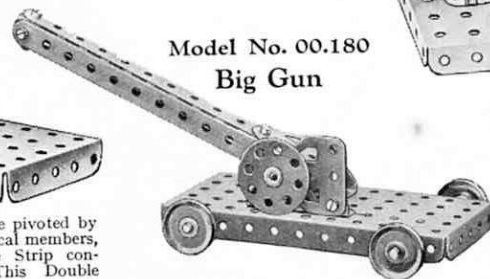
Model No. 00.176
Ore Crusher



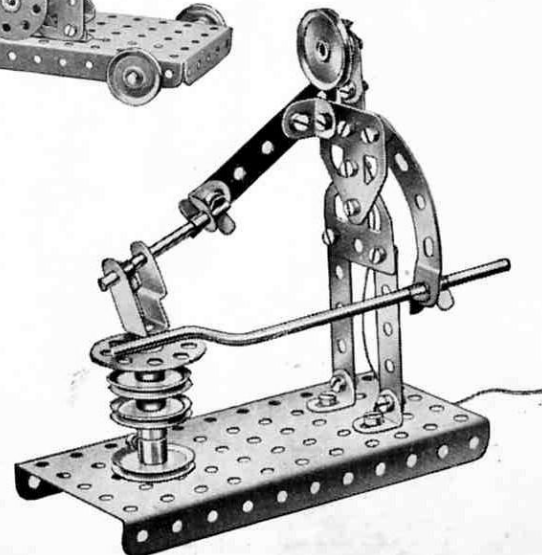
Model No. 00.174
Well Driller



Model No. 00.180
Big Gun

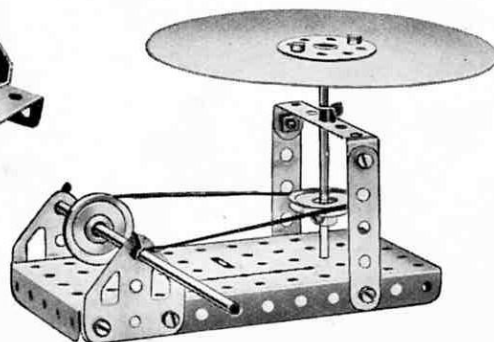


Model No. 00.182
Blacksmith

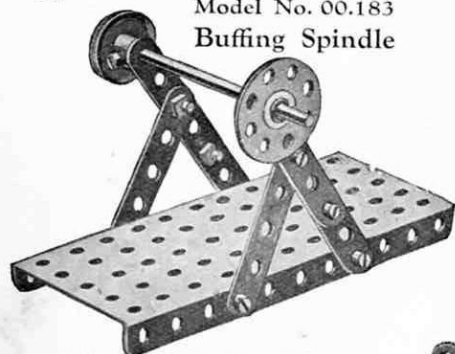


The weighted $5\frac{1}{2}$ " Strips are pivoted by Bolts and lock-nuts to the vertical members, and a $2\frac{1}{2}$ " \times $\frac{1}{2}$ " Double Angle Strip connects their upper ends. This Double Angle Strip is connected, in turn, to the vertical $3\frac{1}{2}$ " Axle Rod by means of a $2\frac{1}{2}$ " Strip and an Angle Bracket.

Model No. 00.178 Joy Wheel

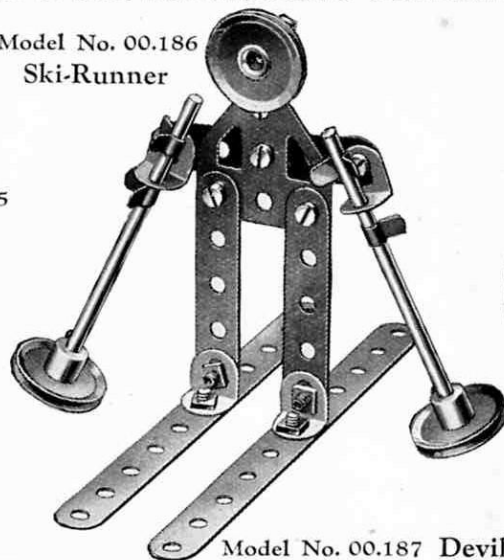


Model No. 00.183
Buffing Spindle

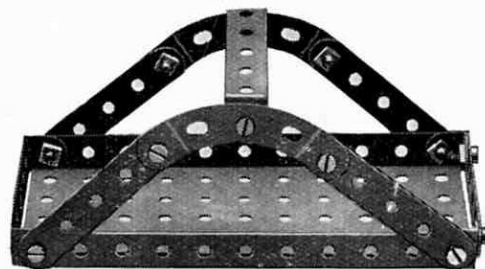


All these Models can be built with MECCANO Outfit No. 00

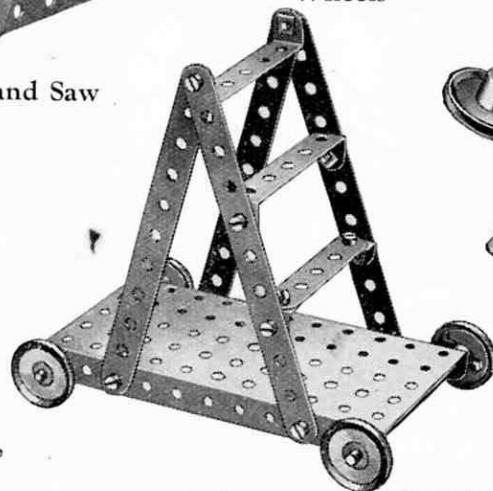
Model No. 00.186
Ski-Runner



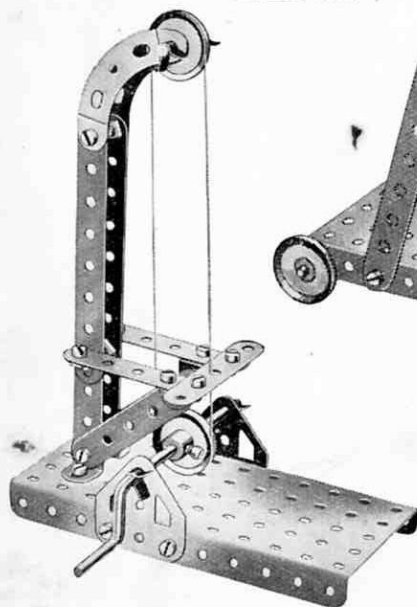
Model No. 00.189 Cutlery Basket



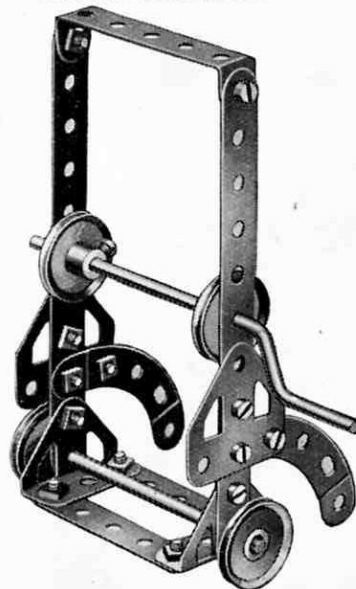
Model No. 00.185
Ladder on
Wheels



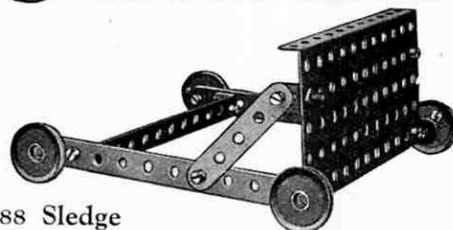
Model No. 00.184 Band Saw



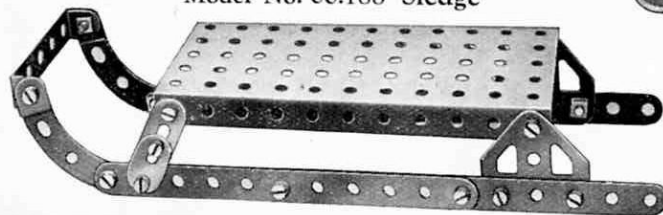
Model No. 00.190
Garden Hose Reel



Model No. 00.187 Devil Wall



Model No. 00.188 Sledge



HOW TO CONTINUE

This completes our examples of models that may be made with MECCANO Outfit No. 00. The next models are a little more advanced, requiring a number of extra parts to construct them. The necessary parts are all contained in a No. 00A Accessory Outfit, the price of which will be found in the list at the end of this Manual.

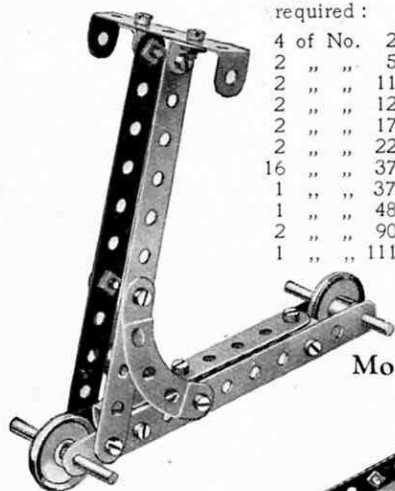
These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)

19

Model No. 0.1 Scooter

Parts
required:

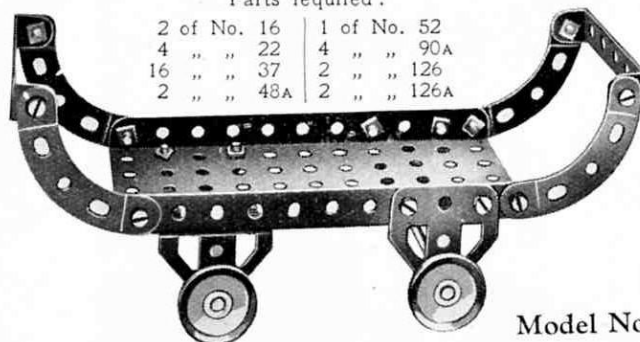
4 of No.	2
2 " "	5
2 " "	11
2 " "	12
2 " "	17
2 " "	22
16 " "	37
1 " "	37A
1 " "	48A
2 " "	90A
1 " "	111c



Model No. 0.4 Push Cart

Parts required:

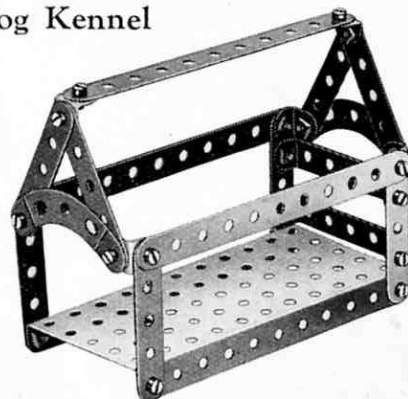
2 of No.	16	1 of No.	52
4 " "	22	4 " "	90A
16 " "	37	2 " "	126
2 " "	48A	2 " "	126A



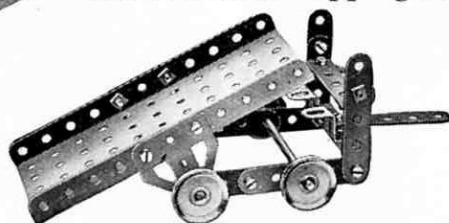
**Model No. 0.7
Dog Kennel**

Parts
required:

3 of No.	2
8 " "	5
6 " "	12
16 " "	37
4 " "	37A
2 " "	48A
1 " "	52
2 " "	90A
4 " "	111c



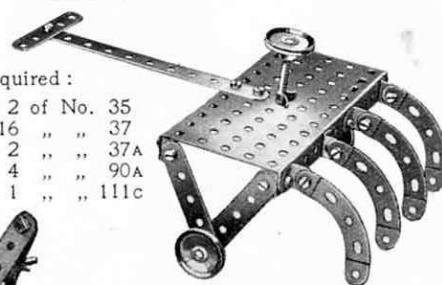
Model No. 0.3 Tipping Cart



**Model No. 0.5
Horse Rake**

Parts required:

1 of No.	2	2 of No.	35
5 " "	5	16 " "	37
8 " "	12	2 " "	37A
1 " "	17	4 " "	90A
3 " "	22	1 " "	111c



**Model No. 0.8
Chaff Cutter**

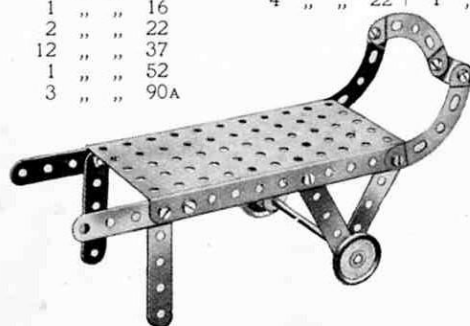
Parts required:

2 of No.	2	1 of No.	24
8 " "	5	2 " "	35
1 " "	11	16 " "	37
2 " "	12	5 " "	37A
1 " "	16	1 " "	52
1 " "	19s	5 " "	111c
2 " "	22	2 " "	125

**Model No. 0.2
Luggage Truck**

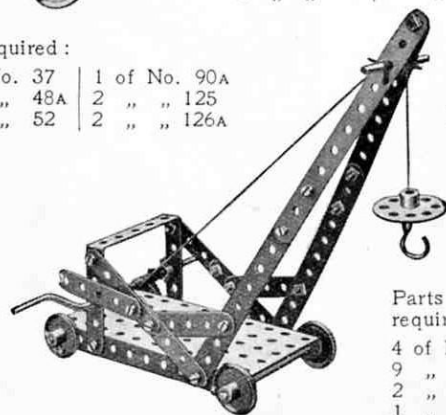
Parts
required:

2 of No.	2
6 " "	5
2 " "	12
1 " "	16
2 " "	22
12 " "	37
1 " "	52
3 " "	90A



Parts required:

7 of No.	5	15 of No.	37	1 of No.	90A
2 " "	16	2 " "	48A	2 " "	125
4 " "	22	1 " "	52	2 " "	126A

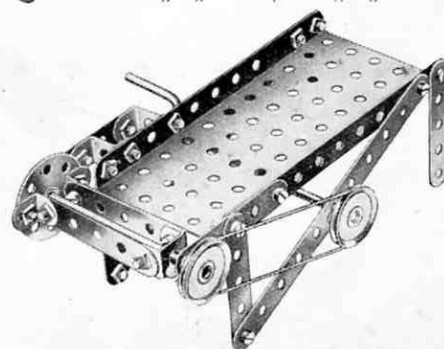


**Model No. 0.6
Jib Crane**

Parts
required:

4 of No.	2
9 " "	5
2 " "	16
1 " "	17

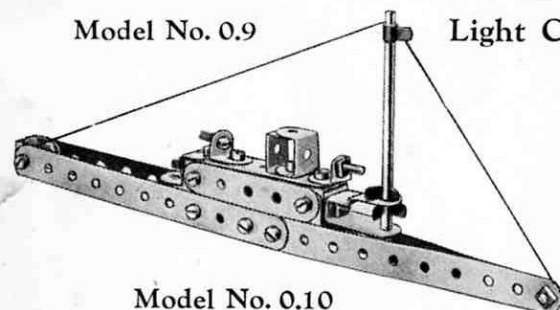
1 of No.	19s
4 " "	22
1 " "	23
1 " "	24
4 " "	35
16 " "	37
1 " "	37A
1 " "	40
1 " "	48A
1 " "	52
1 " "	57
1 " "	111c



These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)

Model No. 0.9

Light Cruiser



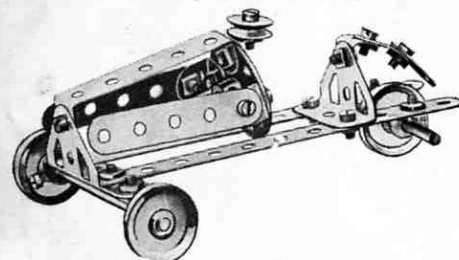
Parts
required :

4 of No.	2
3 " "	5
4 " "	10
2 " "	11
7 " "	12
1 " "	16
3 " "	35
16 " "	37
6 " "	37A
1 " "	44
6 " "	111c
1 " "	125

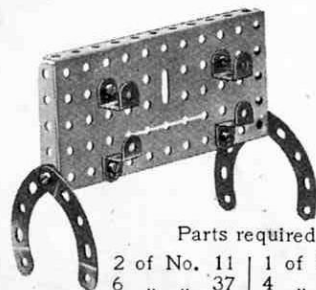
Model No. 0.10
Three-Wheel Auto

Parts required :

2 of No.	2	1 of No.	17	2 of No.	37A
3 " "	5	3 " "	22	1 " "	48A
2 " "	10	1 " "	23	2 " "	111c
8 " "	12	1 " "	24	2 " "	126
1 " "	16	16 " "	37		



Model No. 0.11 Pen Rack



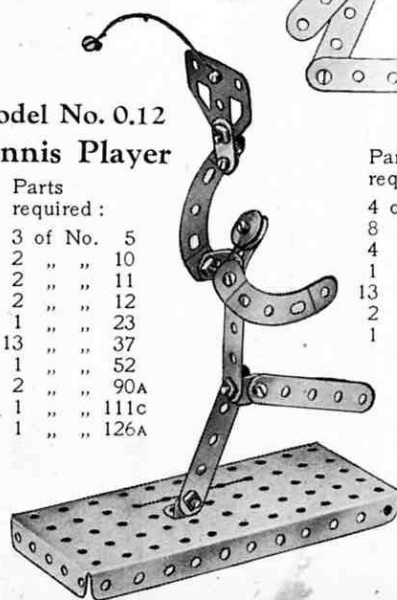
Parts required :

2 of No.	11	1 of No.	52
6 " "	37	4 " "	90A
		2 of No.	125

Model No. 0.12
Tennis Player

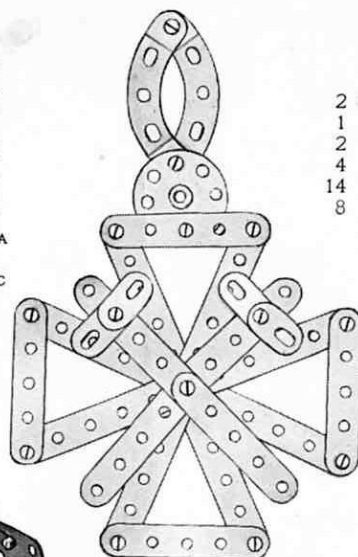
Parts
required :

3 of No.	5
2 " "	10
2 " "	11
2 " "	12
1 " "	23
13 " "	37
1 " "	52
2 " "	90A
1 " "	111c
1 " "	126A



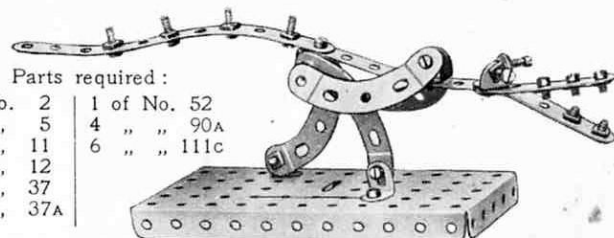
Parts
required :

4 of No.	2
8 " "	5
4 " "	10
1 " "	24
13 " "	37
2 " "	90A
1 " "	111c



Model No. 0.13 Medal

Model No. 0.14 Prehistoric Bird



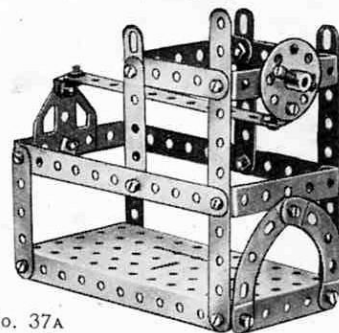
Parts required :

2 of No.	2	1 of No.	52
1 " "	5	4 " "	90A
2 " "	11	6 " "	111c
4 " "	12		
14 " "	37		
8 " "	37A		

Model No. 0.16 Church

Parts required :

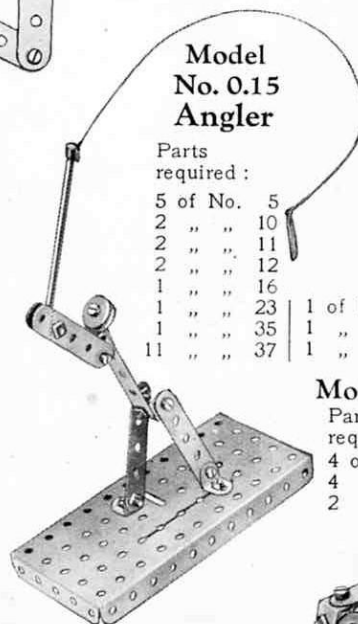
4 of No.	2	2 of No.	12	6 of No.	37A	2 of No.	90A
8 " "	5	1 " "	24	4 " "	48A	6 " "	111c
3 " "	10	16 " "	37	1 " "	52	1 " "	126A



Model
No. 0.15
Angler

Parts
required :

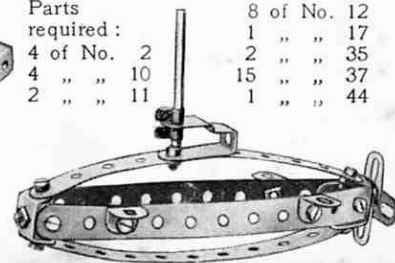
5 of No.	5
2 " "	10
2 " "	11
2 " "	12
1 " "	16
1 " "	23
1 " "	35
11 " "	37
1 of No.	37A
1 " "	52
1 " "	111c



Model No. 0.17 Submarine

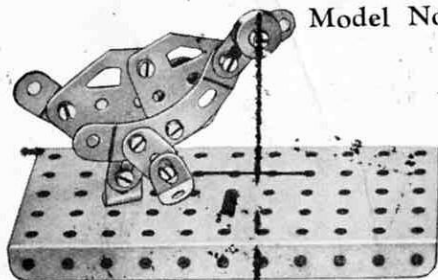
Parts
required :

4 of No.	2	8 of No.	12
4 " "	10	1 " "	17
2 " "	11	2 " "	35
		15 " "	37
		1 " "	44



These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)

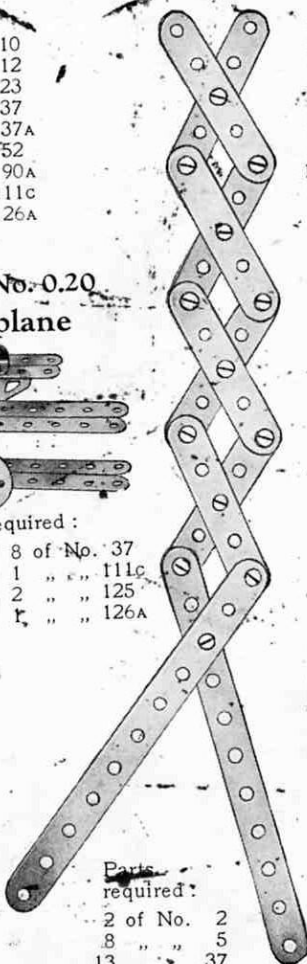
Model No. 0.18 Goose



Parts required:

4 of No.	10
2 "	12
1 "	23
8 "	37
1 "	37A
1 "	52
2 "	90A
1 "	111c
2 "	126A

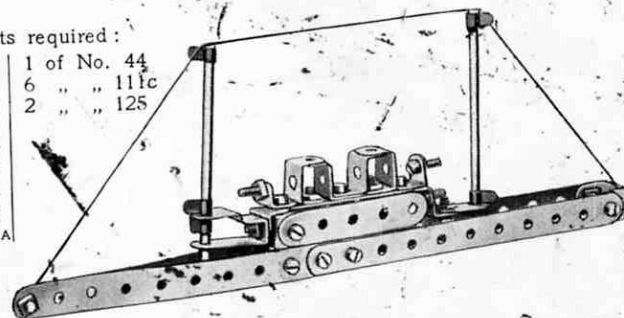
Model No. 0.22
Lazy Tong



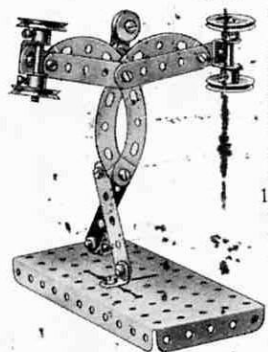
Parts required:

4 of No.	2	1 of No.	44
3 "	5	6 "	111c
4 "	10	2 "	125
2 "	11		
9 "	12		
2 "	16		
6 "	35		
16 "	37		
6 "	37A		

Model No. 0.23 Battleship



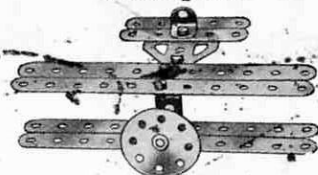
Model No. 0.19 Strong Man



Parts required:

4 of No.	5
4 "	10
2 "	11
4 "	12
2 "	17
4 "	22
1 "	23
13 "	37
1 "	37A
1 "	52
4 "	90A
1 "	111c

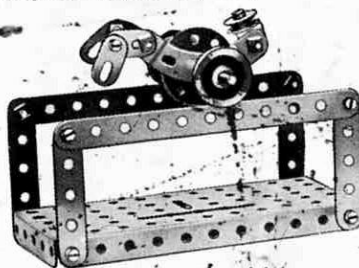
Model No. 0.20
Aeroplane



Parts required:

4 of No.	2	8 of No.	37
3 "	5	1 "	111c
2 "	12	2 "	125
1 "	24	1 "	126A

Model No. 0.24 Gymnast



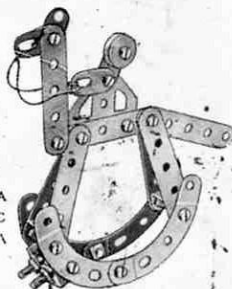
Parts required:

2 of No.	2	1 of No.	24
4 "	5	2 "	37
4 "	10	1 "	37A
1 "	12	1 "	52
1 "	16	1 "	90A
2 "	22	1 "	111c
1 "	23		

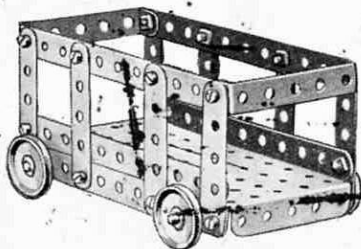
Model No. 0.25
Rocking Horse

Parts required:

7 of No.	5
4 "	10
2 "	11
2 "	12
1 "	23
13 "	37
4 "	90A
3 "	111c
1 "	126A



Model No. 0.21 Cattle Truck



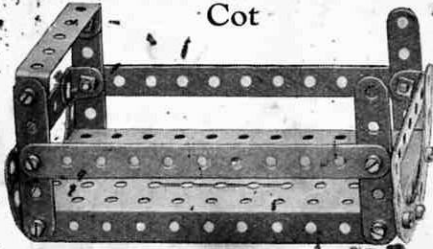
Parts required:

4 of No.	2
8 "	5
2 "	16
4 "	22
16 "	37
2 "	37A
2 "	42
1 "	52
2 "	111c

Parts required:

2 of No.	2
8 "	5
13 "	37
9 "	37A

Model No. 0.26
Cot

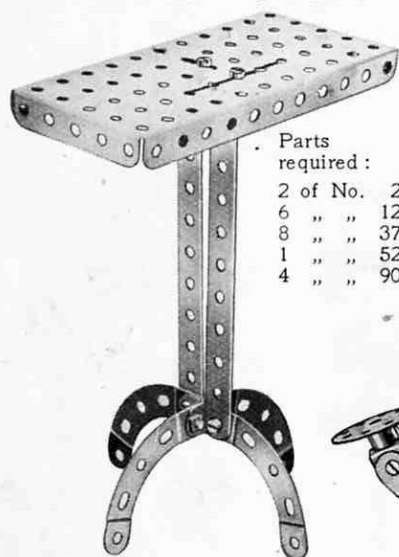


Parts required:

2 of No.	2
6 "	5
2 "	12
16 "	37
2 "	48A
1 "	52
4 "	90A

These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)

Model No. 0.27 Table

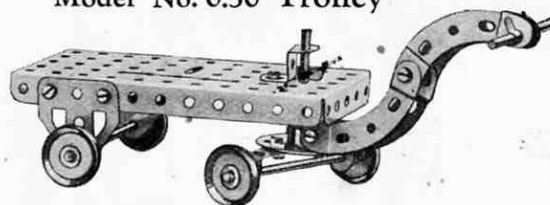


Parts required:
2 of No. 2
6 " " 12
8 " " 37
1 " " 52
4 " " 90A

Model No. 0.29 Saxophone

Parts required:
2 of No. 2
2 " " 10
2 " " 11
2 " " 12
1 " " 23
1 " " 24
12 " " 37
1 " " 37A
4 " " 90A
2 " " 111c

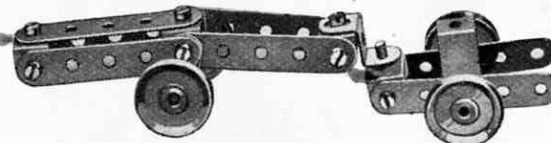
Model No. 0.30 Trolley



Parts required:

1 of No. 11	4 of No. 35	4 of No. 90A
2 " " 16	12 " " 37	1 " " 125
2 " " 17	1 " " 48A	2 " " 126A
1 " " 24	1 " " 52	

Model No. 0.31 Field Gun and Carriage

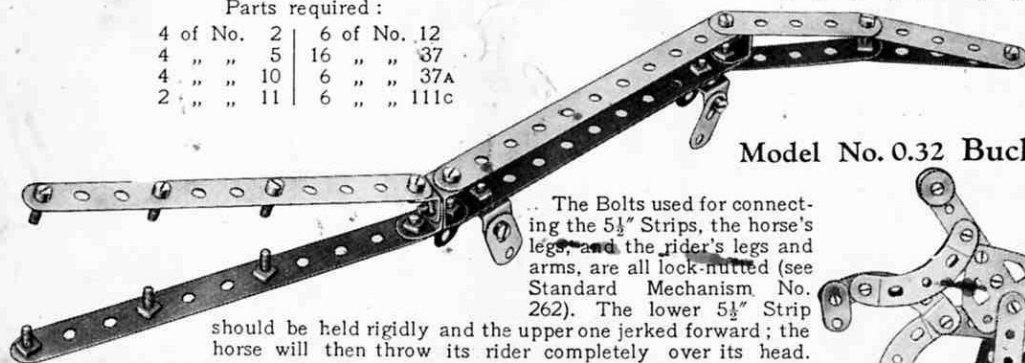


Parts required:

8 of No. 5	2 of No. 17	1 of No. 44
2 " " 10	4 " " 22	1 " " 111c
2 " " 11	13 " " 37	1 " " 125
6 " " 12	1 " " 37A	

Model No. 0.28 Crocodile

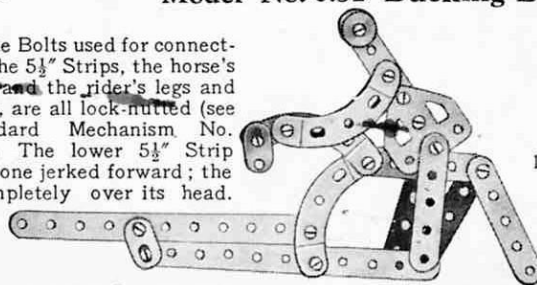
Parts required:
4 of No. 2 | 6 of No. 12
4 " " 5 | 16 " " 37
4 " " 10 | 6 " " 37A
2 " " 11 | 6 " " 111c



Model No. 0.32 Bucking Broncho

The Bolts used for connecting the 5 1/2" Strips, the horse's legs, and the rider's legs and arms, are all lock-nutted (see Standard Mechanism No. 262). The lower 5 1/2" Strip

should be held rigidly and the upper one jerked forward; the horse will then throw its rider completely over its head.



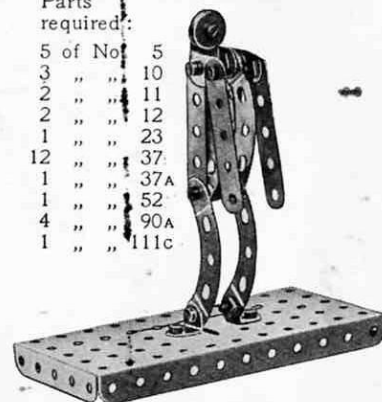
Parts required:

2 of No. 2	2
6 " " 5	5
2 " " 10	10
1 " " 23	23
12 " " 37	37
9 " " 37A	37A
4 " " 90A	90A
1 " " 111c	111c
1 " " 126A	126A

Model No. 0.33 Ape

Parts required:

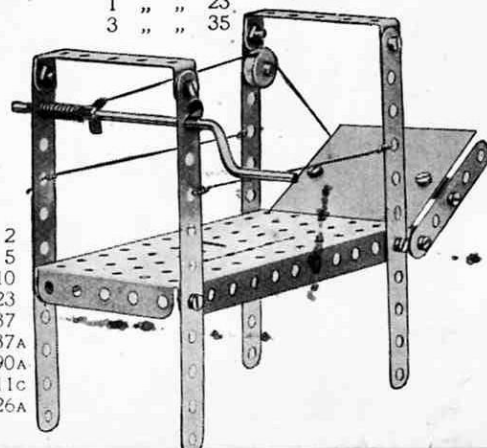
5 of No. 5	5
3 " " 10	10
2 " " 11	11
2 " " 12	12
1 " " 23	23
12 " " 37	37
1 " " 37A	37A
1 " " 52	52
4 " " 90A	90A
1 " " 111c	111c



Model No. 0.34 Gangway

Parts required:

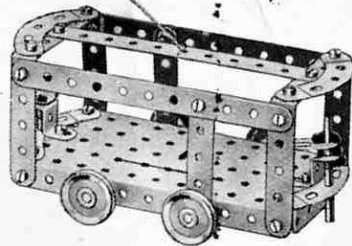
4 of No. 2	2	16 of No. 37
2 " " 5	5	2 " " 37A
2 " " 10	10	2 " " 48A
2 " " 12	12	1 " " 52
1 " " 19s	19s	1 " " 111c
1 " " 23	23	
3 " " 35	35	



These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)

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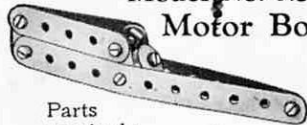
**Model No. 0.35
Tramway Car**



Parts required:

3 of No. 2	16 of No. 37
6 " " 5	6 " " 37A
2 " " 10	2 " " 48A
2 " " 16	1 " " 52
2 " " 17	4 " " 90A
4 " " 22	6 " " 111c
6 " " 35	2 " " 125

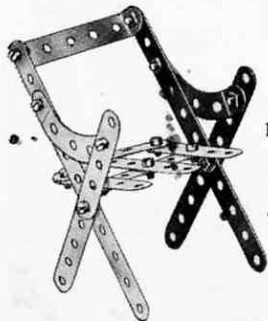
**Model No. 0.36
Motor Boat**



Parts required:

2 of No. 2	1 of No. 23
2 " " 5	7 " " 37
3 " " 10	1 " " 37A
1 " " 11	1 " " 111c

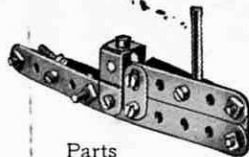
Model No. 0.37 Arm Chair



Parts required:

2 of No. 2
7 " " 5
14 " " 37
2 " " 48A
3 " " 90A

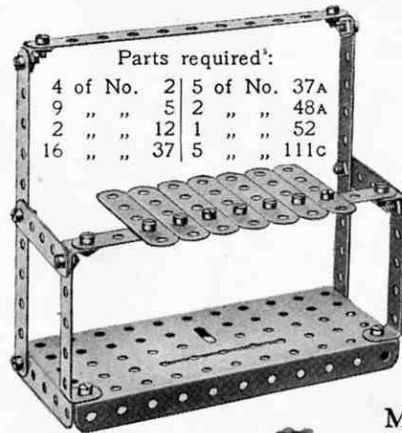
**Model No. 0.38
Torpedo Boat**



Parts required:

2 of No. 2
2 " " 5
3 " " 10
2 " " 11
2 " " 12
1 " " 17
11 " " 37
4 " " 37A
5 " " 111c

Model No. 0.39 Piano



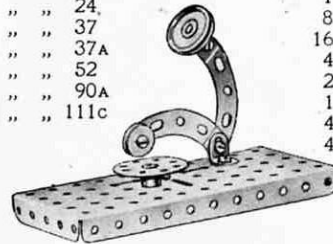
Parts required:

4 of No. 2	5 of No. 37A
9 " " 5	2 " " 48A
2 " " 12	1 " " 52
16 " " 37	5 " " 111c

**Model No. 0.40
Gramophone**

Parts required:

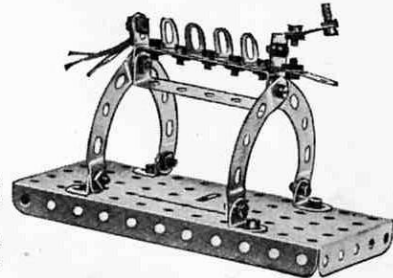
2 of No. 12
1 " " 22
1 " " 23
1 " " 24
3 " " 37
1 " " 37A
1 " " 52
2 " " 90A
3 " " 111c



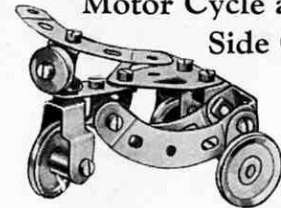
Parts required:

4 of No. 10
1 " " 11
8 " " 12
16 " " 37
4 " " 37A
2 " " 48A
1 " " 52
4 " " 90A
4 " " 111c

**Model No. 0.43
Prehistoric Armadillo**



**Model No. 0.44
Motor Cycle and
Side Car**



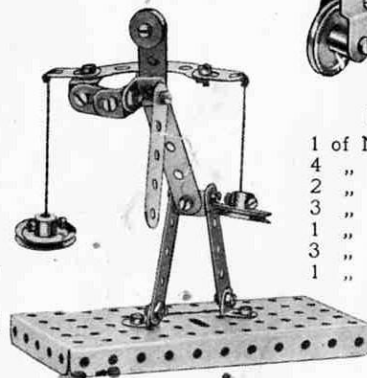
Parts required:

1 of No. 5	10 of No. 37
4 " " 10	1 " " 37A
2 " " 11	1 " " 44
3 " " 12	3 " " 90A
1 " " 16	1 " " 111c
3 " " 22	1 " " 125
1 " " 23	1 " " 126A

Model No. 0.41 Milk Maid

Parts required:

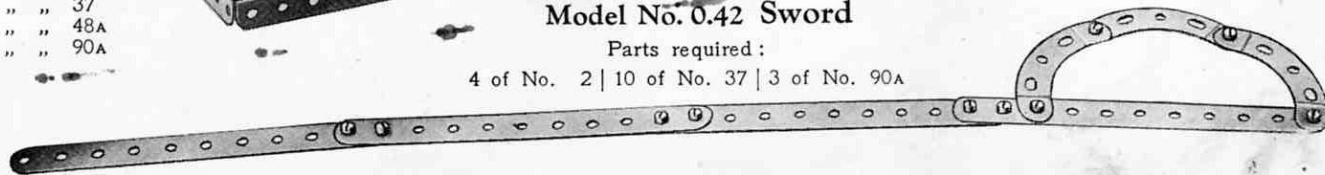
5 of No. 5
3 " " 10
2 " " 11
4 " " 12
2 " " 22
1 " " 23
14 " " 37
1 " " 37A
1 " " 52
1 " " 90A
1 " " 111c



Model No. 0.42 Sword

Parts required:

4 of No. 2	10 of No. 37	3 of No. 90A
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Model No. 0.45 Loud Speaker



Parts
required:

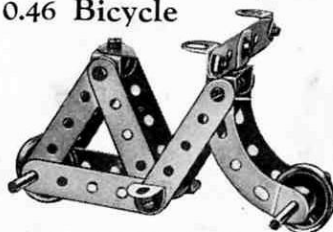
1 of No.	11
1 "	23
1 "	24
6 "	37
1 "	37A
4 "	90A
2 "	111c
2 "	126

These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)

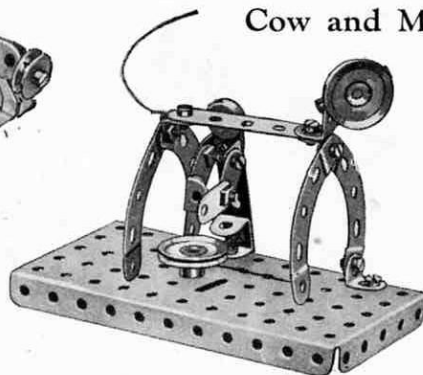
Model No. 0.46 Bicycle

Parts
required:

9 of No.	5
2 "	11
5 "	12
2 "	17
2 "	22
11 "	37



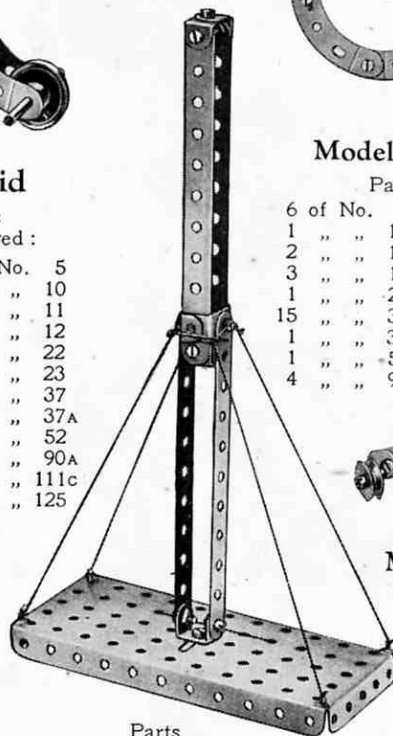
Model No. 0.47 Cow and Milkmaid



Parts
required:

2 of No.	5
4 "	10
2 "	11
5 "	12
2 "	22
1 "	23
16 "	37
2 "	37A
1 "	52
4 "	90A
4 "	111c
1 "	125

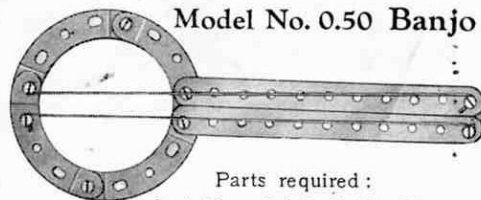
Model No. 0.49 Telescopic Mast



Parts
required:

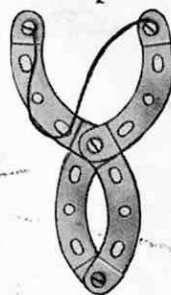
4 of No.	2
2 "	11
6 "	12
11 "	37
1 "	40
1 "	52

Model No. 0.50 Banjo Model No. 0.53 Catapult



Parts required:

2 of No.	2	8 of No.	37
1 "	10	4 "	90A



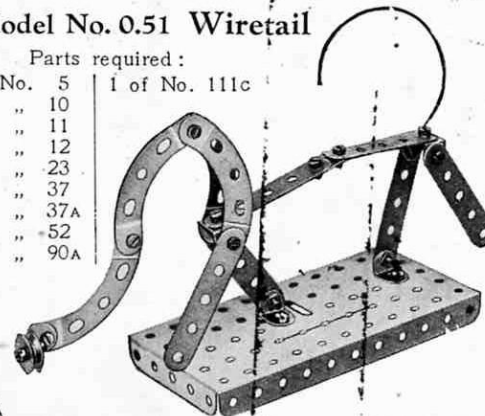
Parts
required:

4 of No.	37
4 "	90A

Model No. 0.51 Wiretail

Parts required:

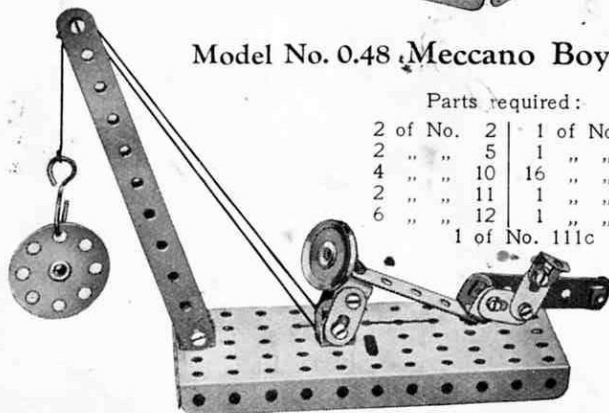
6 of No.	5	1 of No.	111c
1 "	10		
2 "	11		
3 "	12		
1 "	23		
15 "	37		
1 "	37A		
1 "	52		
4 "	90A		



Model No. 0.48 Meccano Boy

Parts required:

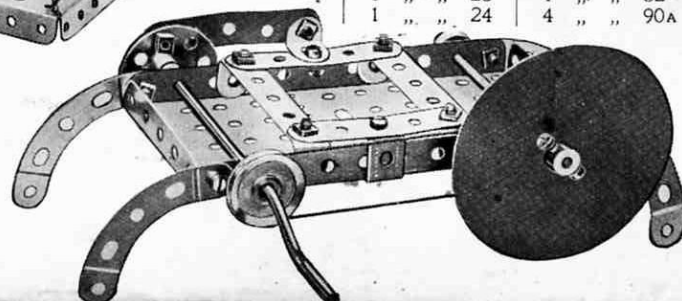
2 of No.	2	1 of No.	22
2 "	5	1 "	24
4 "	10	16 "	37
2 "	11	1 "	52
6 "	12	1 "	57
		1 of No.	111c



Model No. 0.52 Bacon Slicing Machine

Parts
required:

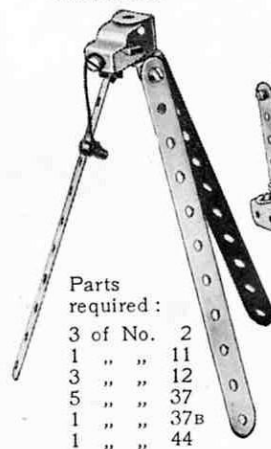
3 of No.	5	1 of No.	12	1 of No.	35
2 "	11	1 "	16	12 "	37
		1 "	19s	2 "	37A
		2 "	22	2 "	48A
		1 "	23	1 "	52
		1 "	24	4 "	90A



These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)

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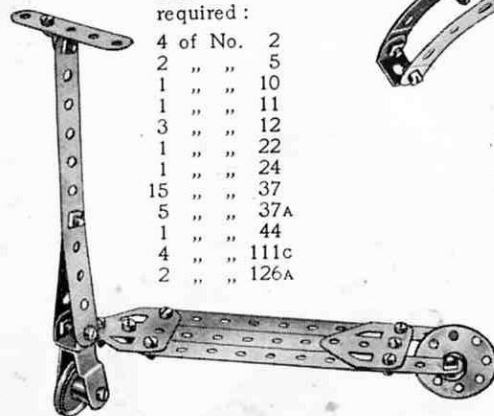
Model No. 0.54 Camera



Parts
required:

3 of No.	2
1 " "	11
3 " "	12
5 " "	37
1 " "	37B
1 " "	44

Model No. 0.55 Scooter



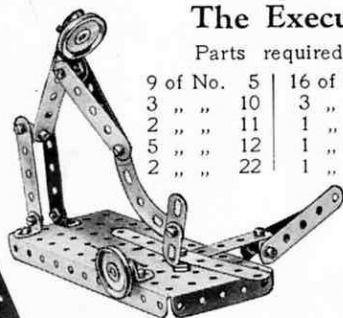
Parts
required:

4 of No.	2
2 " "	5
1 " "	10
1 " "	11
3 " "	12
1 " "	22
1 " "	24
15 " "	37
5 " "	37A
1 " "	44
4 " "	111c
2 " "	126A

Model No. 0.56 The Execution

Parts required:

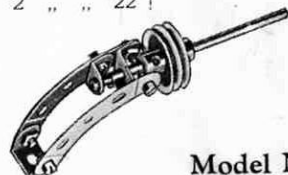
9 of No.	5	16 of No.	37
3 " "	10	3 " "	37A
2 " "	11	1 " "	48A
5 " "	12	1 " "	52
2 " "	22	1 " "	90A



Model No. 0.57 Pistol

Parts required:

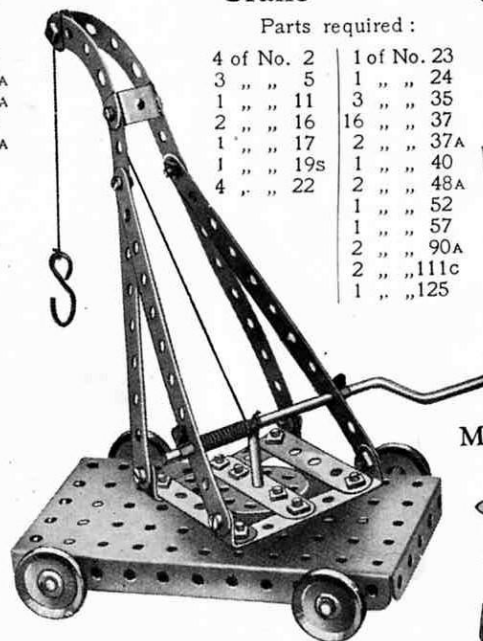
2 of No.	11	1 of No.	35
1 " "	12	5 " "	37
1 " "	16	2 " "	90A
2 " "	22		



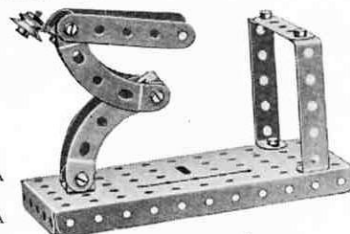
Model No. 0.58 Crane

Parts required:

4 of No.	2	1 of No.	23
3 " "	5	1 " "	24
1 " "	11	3 " "	35
2 " "	16	16 " "	37
1 " "	17	2 " "	37A
1 " "	19s	1 " "	40
4 " "	22	2 " "	48A
		1 " "	52
		1 " "	57
		2 " "	90A
		2 " "	111c
		1 " "	125



Model No. 0.60 Hurdler



Parts required:

3 of No.	5	1 of No.	37A
1 " "	10	2 " "	48A
2 " "	11	1 " "	52
2 " "	12	4 " "	90A
1 " "	23	1 " "	111c
12 " "	37		

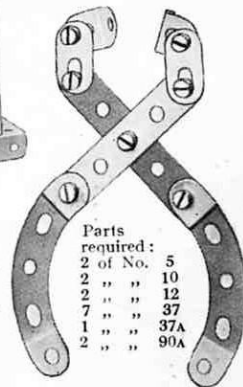
Model No. 0.61 Tricycle



Parts
required:

4 of No.	10
1 " "	11
2 " "	12
1 " "	17
3 " "	22
6 " "	37
3 " "	37A
1 " "	44
2 " "	111c
1 " "	126A

Model No. 0.62 Pliers

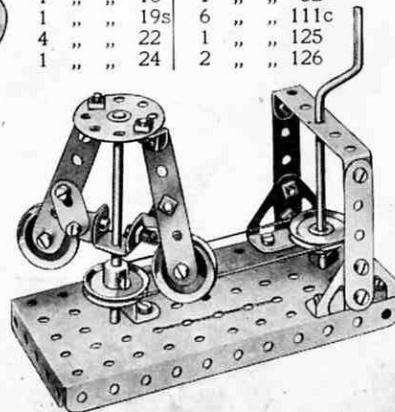


Parts
required:
2 of No. 5
2 " " 10
2 " " 12
7 " " 37
1 " " 37A
2 " " 90A

Model No. 0.63 Centrifugal Engine Governor

Parts required:

4 of No.	5	3 of No.	35
2 " "	10	16 " "	37
1 " "	11	6 " "	37A
4 " "	12	1 " "	48A
1 " "	16	1 " "	52
1 " "	19s	6 " "	111c
4 " "	22	1 " "	125
1 " "	24	2 " "	126

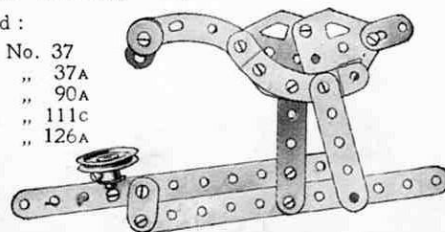


Model No. 0.59 Pecking Hen

By alternately pushing and pulling the lower of the $5\frac{1}{2}$ " Strips, the hen can be made to peck vigorously at the "bowl" (a 1" Pulley). The bolts used for securing the $5\frac{1}{2}$ " Strips together should be lock-nutted, care being taken to ensure that no "side play" is permitted.

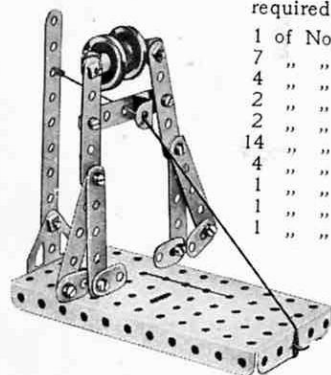
Parts required:

2 of No.	2	11 of No.	37
2 " "	5	5 " "	37A
3 " "	10	2 " "	90A
1 " "	12	2 " "	111c
1 " "	22	2 " "	126A
1 " "	23		



These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)

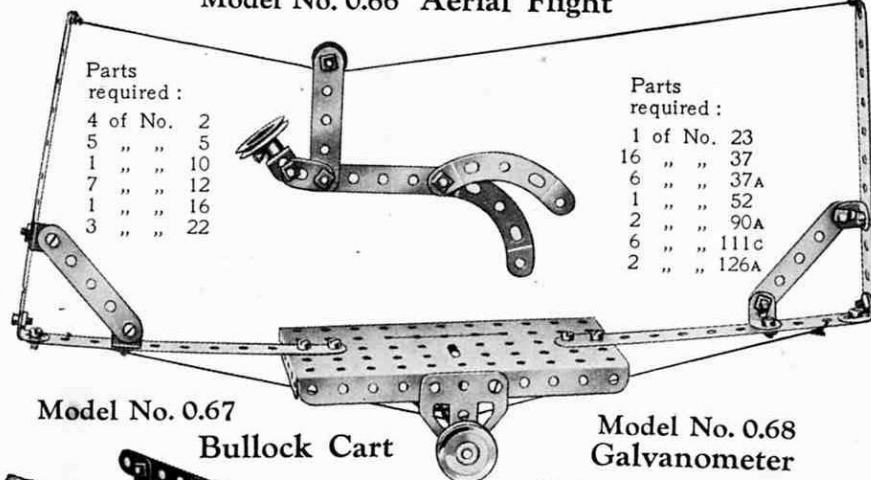
Model No. 0.64 Wrestlers



Parts required:

1 of No.	2
7 " "	5
4 " "	10
2 " "	12
2 " "	22
14 " "	37
4 " "	37A
1 " "	52
1 " "	125
1 " "	126A

Model No. 0.66 Aerial Flight



Parts required:

4 of No.	2
5 " "	5
1 " "	10
7 " "	12
1 " "	16
3 " "	22

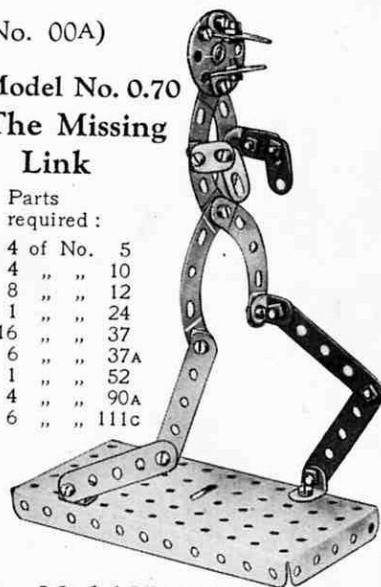
Parts required:

1 of No.	23
16 " "	37
6 " "	37A
1 " "	52
2 " "	90A
6 " "	111c
2 " "	126A

Model No. 0.70 The Missing Link

Parts required:

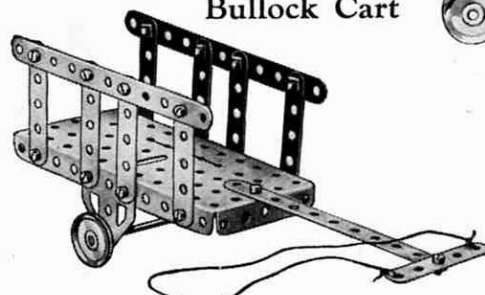
4 of No.	5
4 " "	10
8 " "	12
1 " "	24
16 " "	37
6 " "	37A
1 " "	52
4 " "	90A
6 " "	111c



Model No. 0.65 A Chase

Parts required:

1 of No.	5	16 of No.	37
1 " "	10	1 " "	37A
2 " "	11	1 " "	52
7 " "	12	4 " "	90A
1 " "	22	2 " "	111c
1 " "	23	2 " "	126A

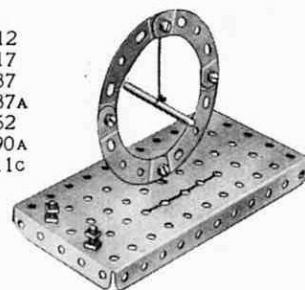


Model No. 0.67 Bullock Cart

Model No. 0.68 Galvanometer

Parts required:

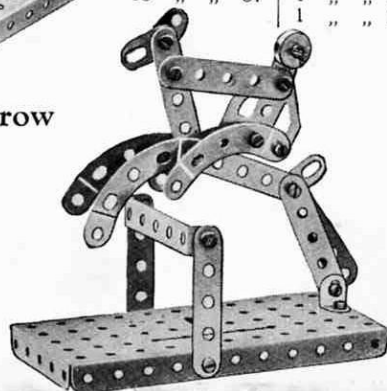
1 of No.	12
1 " "	17
5 " "	37
4 " "	37A
1 " "	52
4 " "	90A
2 " "	111c



Model No. 0.71 Steeple-chaser

Parts required:

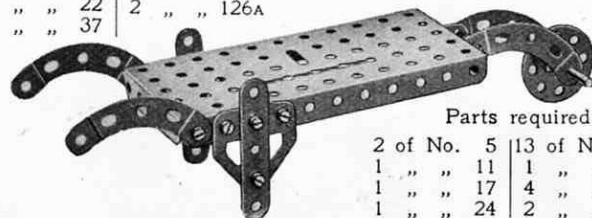
7 of No.	5	1 of No.	37A
4 " "	10	1 " "	48A
1 " "	12	1 " "	52
1 " "	23	4 " "	90A
13 " "	37	1 " "	111c
		1 " "	126A



Parts required:

3 of No.	2	2 of No.	37A
9 " "	5	1 " "	52
1 " "	16	2 " "	111c
2 " "	22	2 " "	126A
16 " "	37		

Model No. 0.69 Coster's Barrow



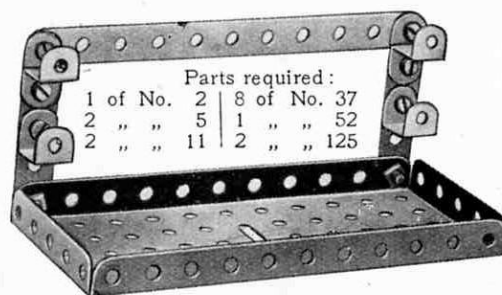
Parts required:

2 of No.	5	13 of No.	37
1 " "	11	1 " "	52
1 " "	17	4 " "	90A
1 " "	24	2 " "	126A

These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)

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Model No. 0.72 Pen Rack

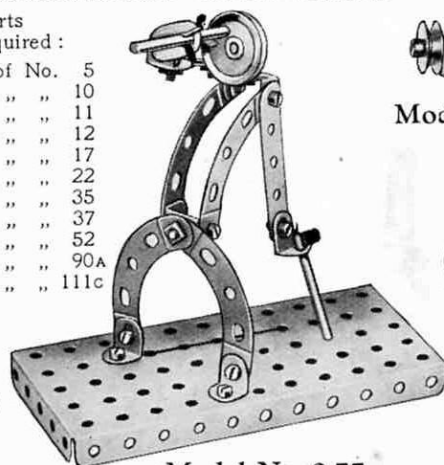


Parts required:
 1 of No. 2 | 8 of No. 37
 2 " " 5 | 1 " " 52
 2 " " 11 | 2 " " 125

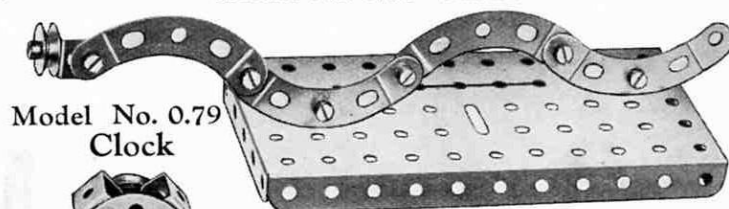
Model No. 0.76 Coast Guard

Parts required:

1 of No. 5
 2 " " 10
 2 " " 11
 6 " " 12
 2 " " 17
 1 " " 22
 3 " " 35
 15 " " 37
 1 " " 52
 4 " " 90A
 1 " " 111c



Model No. 0.78 Snake



Parts required:

3 of No. 12 | 1 of No. 37A
 1 " " 23 | 1 " " 52
 8 " " 37 | 4 " " 90A
 1 of No. 111c

Model No. 0.79 Clock



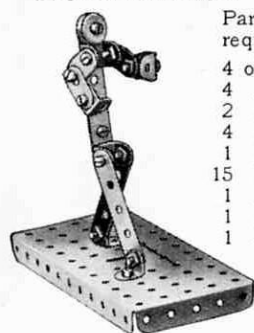
Parts required:

2 of No. 11
 2 " " 12
 1 " " 17
 1 " " 22
 1 " " 24
 5 " " 37
 1 " " 111c
 2 " " 126

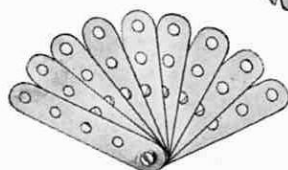
Model No. 0.73 Boxer

Parts required:

4 of No. 5
 4 " " 10
 2 " " 11
 4 " " 12
 1 " " 23
 15 " " 37
 1 " " 37A
 1 " " 52
 1 " " 111c



Model No. 0.75 Fan



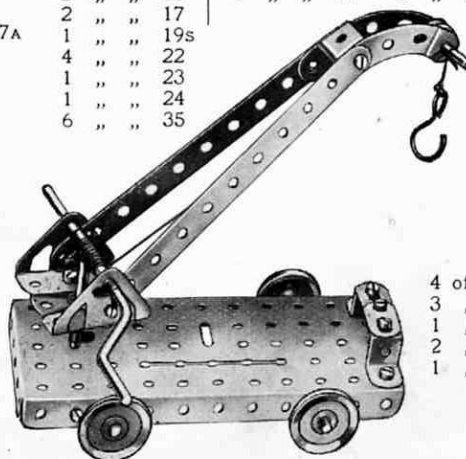
Parts required:

9 of No. 5 | 2 of No. 37A
 1 of No. 111c

Model No. 0.77 Break-Down Crane

Parts required:

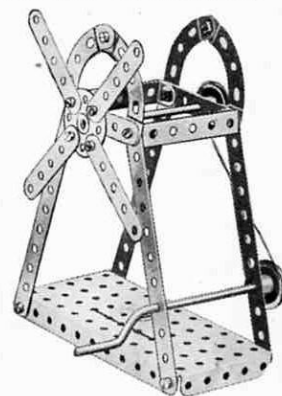
2 of No. 2 | 13 of No. 37 | 1 of No. 57
 2 " " 10 | 1 " " 40 | 2 " " 90A
 1 " " 11 | 1 " " 48A | 2 " " 125
 2 " " 16 | 1 " " 52 | 2 " " 126
 2 " " 17
 1 " " 19s
 4 " " 22
 1 " " 23
 1 " " 24
 6 " " 35



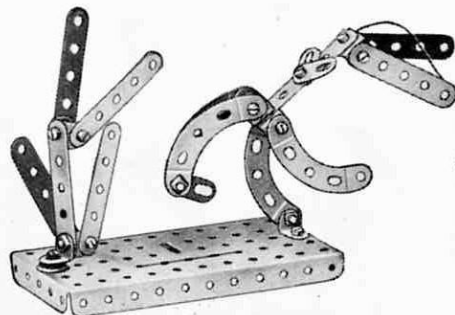
Model No. 0.80 Windmill

Parts required:

4 of No. 2
 6 " " 5
 1 " " 16
 1 " " 19s
 2 " " 22
 1 " " 24
 14 " " 37
 2 " " 48A
 1 " " 52
 4 " " 90A



Model No. 0.74 Horseman's Fall



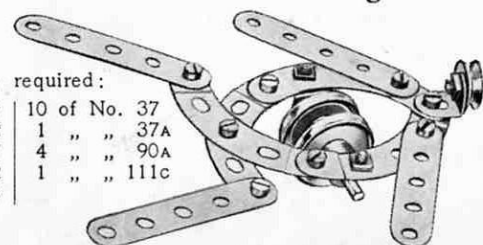
Parts required:

8 of No. 5
 3 " " 10
 2 " " 11
 8 " " 12
 1 " " 23
 16 " " 37
 4 " " 37A
 1 " " 52
 4 " " 90A
 4 " " 111c

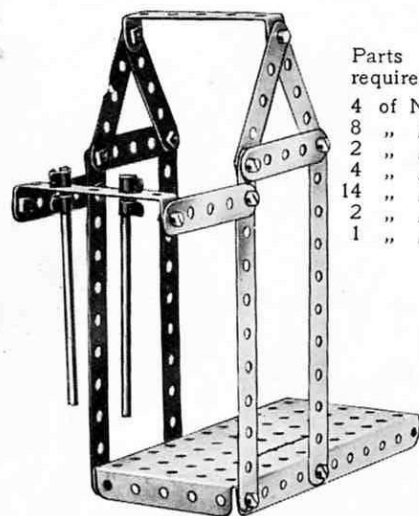
Model No. 0.81 Frog

Parts required:

4 of No. 5 | 10 of No. 37
 3 " " 12 | 1 " " 37A
 1 " " 17 | 4 " " 90A
 2 " " 22 | 1 " " 111c
 1 " " 23



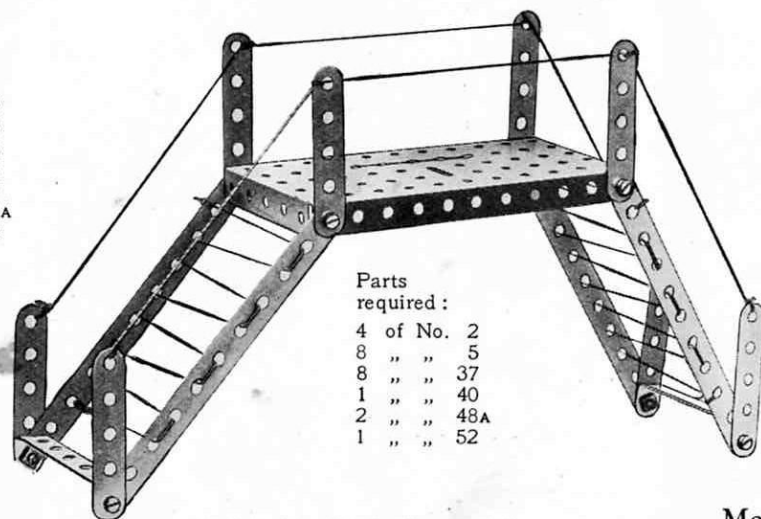
Model No. 0.82
Pneumatic Grain Elevator



Parts required:

4	of No.	2
8	" "	5
2	" "	16
4	" "	35
14	" "	37
2	" "	48A
1	" "	52

Model No. 0.84 Footbridge



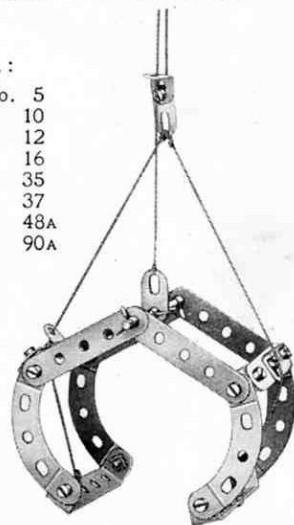
Parts required:

4	of No.	2
8	" "	5
8	" "	37
1	" "	40
2	" "	48A
1	" "	52

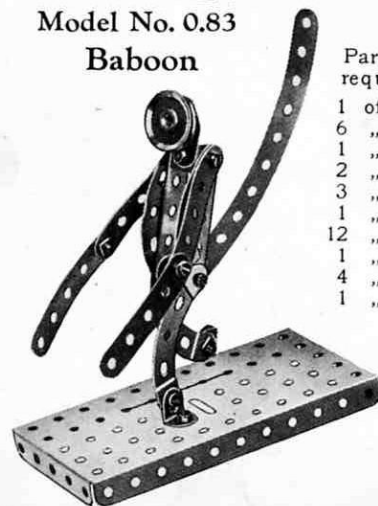
Model No. 0.86 Crane Grab

Parts required:

6	of No.	5
2	" "	10
7	" "	12
1	" "	16
6	" "	35
15	" "	37
2	" "	48A
4	" "	90A



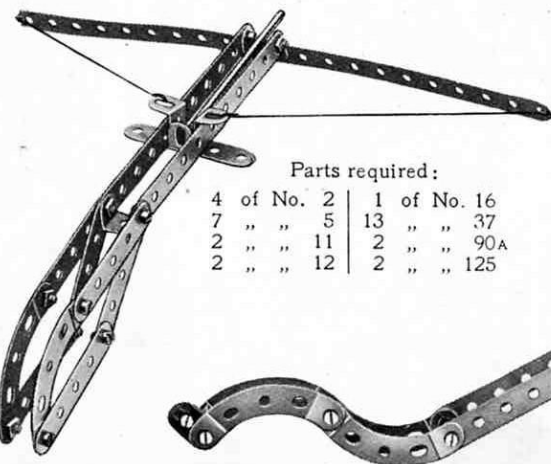
Model No. 0.83
Baboon



Parts required:

1	of No.	2
6	" "	5
1	" "	10
2	" "	11
3	" "	12
1	" "	22
12	" "	37
1	" "	52
4	" "	90A
1	" "	111c

Model No. 0.85 Cross-Bow



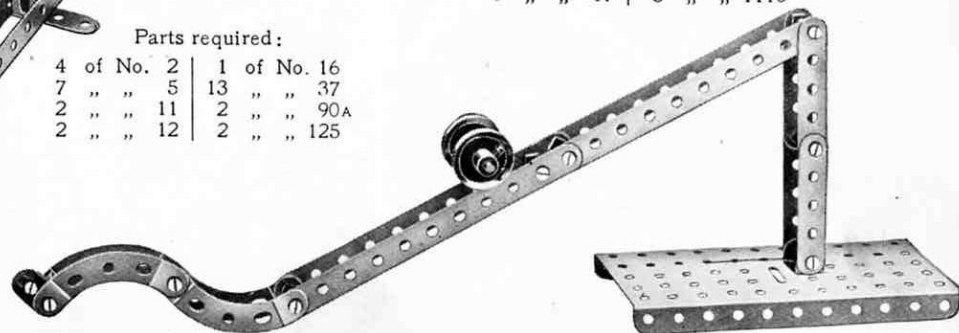
Parts required:

4	of No.	2	1	of No.	16
7	" "	5	13	" "	37
2	" "	11	2	" "	90A
2	" "	12	2	" "	125

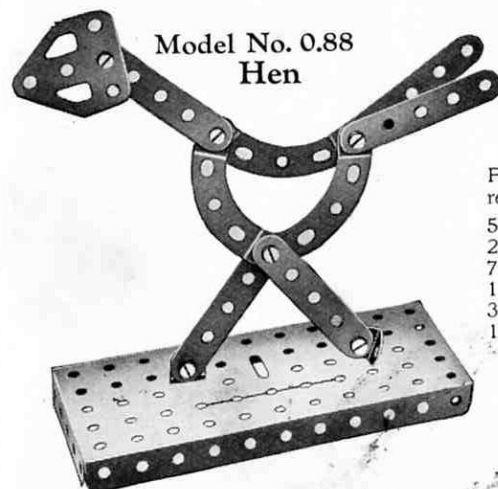
Model No. 0.87 Switchback

Parts required:

4	of No.	2	2	of No.	22
4	" "	5	16	" "	37
1	" "	10	3	" "	37A
2	" "	11	1	" "	52
2	" "	12	4	" "	90A
1	" "	17	3	" "	111c

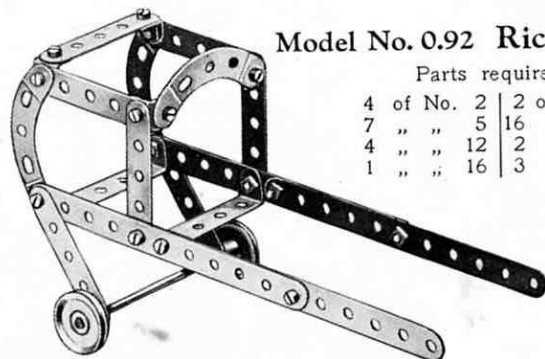


These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)



**Model No. 0.88
Hen**

Parts
required:
5 of No. 5
2 " " 12
7 " " 37
1 " " 52
3 " " 90A
1 " " 126A



Model No. 0.92 Rickshaw

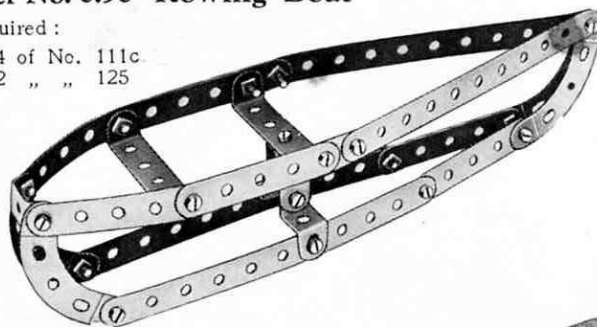
Parts required:

4 of No. 2	2 of No. 22
7 " " 5	16 " " 37
4 " " 12	2 " " 48A
1 " " 16	3 " " 90A

Model No. 0.90 Rowing Boat

Parts required:

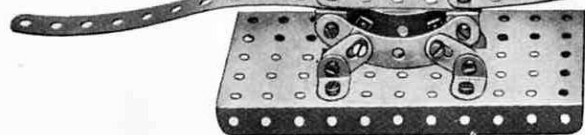
4 of No. 2	4 of No. 111c
6 " " 5	2 " " 125
2 " " 10	
1 " " 11	
16 " " 37	
4 " " 37A	
1 " " 44	
2 " " 48A	
4 " " 90A	



Model No. 0.91 Dinosaur

Parts required:

3 of No. 2	5 of No. 12	1 of No. 52
1 " " 5	1 " " 23	2 " " 90A
4 " " 10	16 " " 37	6 " " 111c
2 " " 11	6 " " 37A	

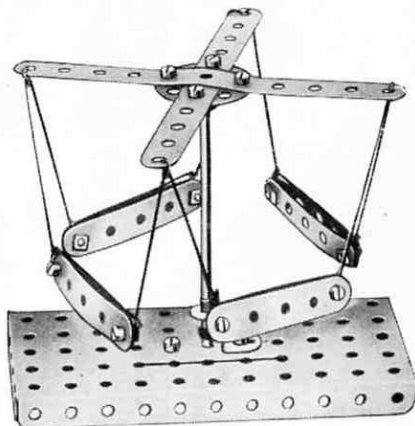


**Model No. 0.94
Electric Loco**

Parts required:

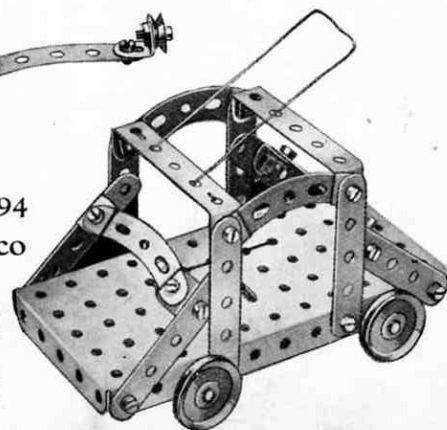
8 of No. 5	4 of No. 37A
4 " " 12	2 " " 48A
2 " " 16	1 " " 52
4 " " 22	4 " " 90A
16 " " 37	4 " " 111c

Model No. 0.93 Fly Boats



Parts required:

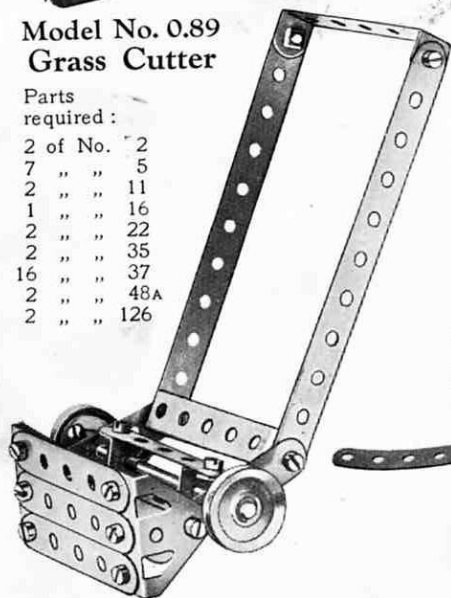
2 of No. 2	13 of No. 37
8 " " 5	1 " " 52
1 " " 16	1 " " 125
1 " " 24	



**Model No. 0.89
Grass Cutter**

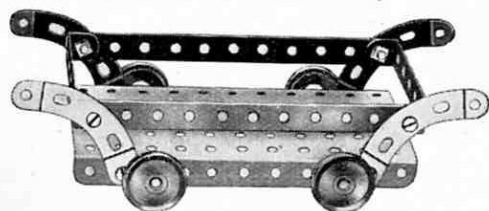
Parts
required:

2 of No. 2
7 " " 5
2 " " 11
1 " " 16
2 " " 22
2 " " 35
16 " " 37
2 " " 48A
2 " " 126



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These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)

Model No. 0.95 Trolley

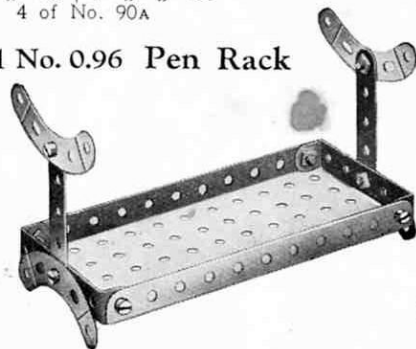
Parts required:

2 of No. 2	8 of No. 37
2 " " 16	2 " " 48A
4 " " 22	1 " " 52
4 of No. 90A	

Model No. 0.96 Pen Rack

Parts required:

2 of No. 5
4 " " 37
1 " " 52
4 " " 90A

**Model No. 0.97 Walking Man**

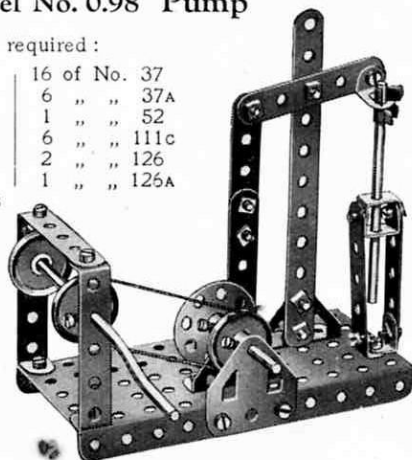
Parts required:

5 of No. 5
3 " " 10
2 " " 12
1 " " 22
7 " " 37
3 " " 90A

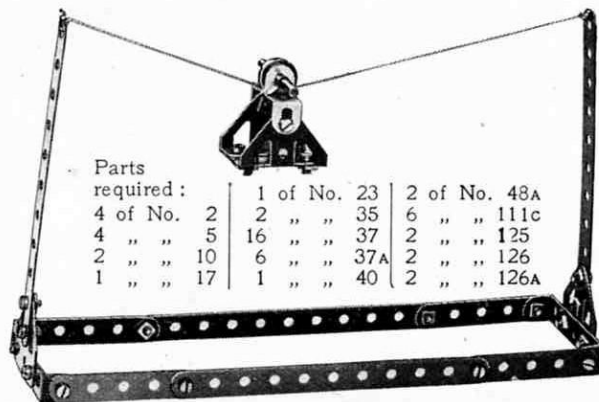
Model No. 0.98 Pump

Parts required:

1 of No. 2	16 of No. 37
6 " " 5	6 " " 37A
2 " " 11	1 " " 52
3 " " 12	6 " " 111c
1 " " 16	2 " " 126
1 " " 17	1 " " 126A
1 " " 19s	
3 " " 22	
1 " " 24	
2 " " 35	



The connecting Strip is pivoted by bolts and nuts at one end to the Bush Wheel and at the other end to the cross beam. The latter is pivoted by the same means to the upright.

Model No. 0.99 Aerial ropeway

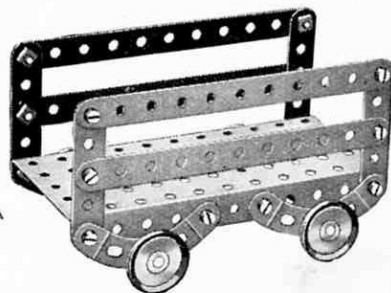
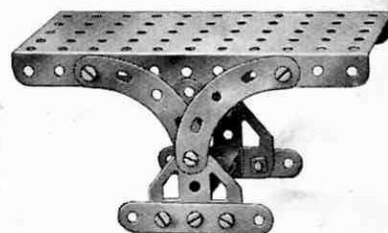
Parts required:

4 of No. 2	1 of No. 23	2 of No. 48A
4 " " 5	2 " " 35	6 " " 111c
2 " " 10	16 " " 37	2 " " 125
1 " " 17	6 " " 37A	2 " " 126
	1 " " 40	2 " " 126A

Model No. 0.100 Luggage Truck

Parts required:

4 of No. 2
4 " " 5
2 " " 16
4 " " 22
16 " " 37
1 " " 52
4 " " 90A

**Model No. 0.101 Drafting Table**

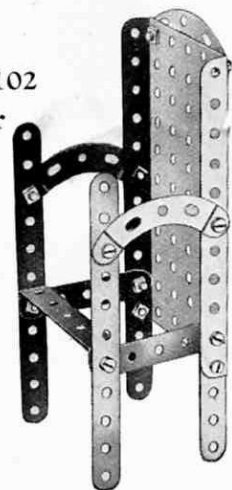
Parts required:

4 of No. 5
12 " " 37
1 " " 48A
1 " " 52
4 " " 90A
2 " " 126A

Model No. 0.102 Arm Chair

Parts required:

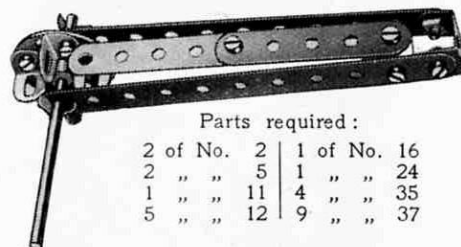
2 of No. 2
4 " " 5
12 " " 37
1 " " 48A
1 " " 52
3 " " 90A



These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)

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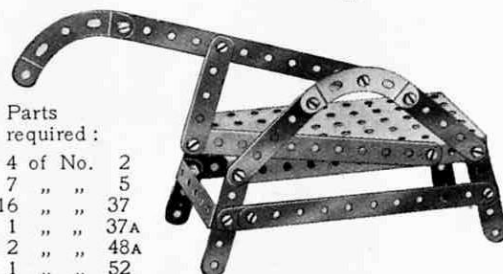
Model No. 0.103 Rattle



Parts required :

2 of No. 2	1 of No. 16
2 " " 5	1 " " 24
1 " " 11	4 " " 35
5 " " 12	9 " " 37

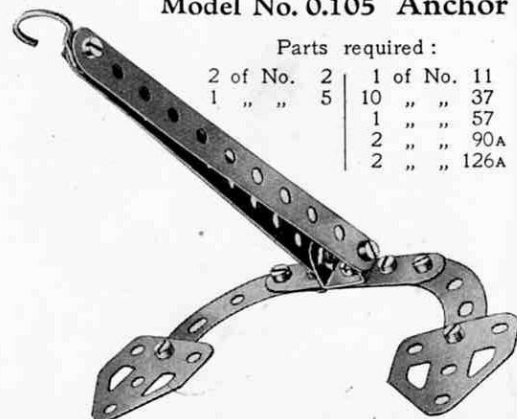
Model No. 0.104 Shearing Machine



Parts required :

4 of No. 2	
7 " " 5	
16 " " 37	
1 " " 37A	
2 " " 48A	
1 " " 52	
2 " " 90A	
1 " " 111c	

Model No. 0.105 Anchor



Parts required :

2 of No. 2	1 of No. 11
1 " " 5	10 " " 37
	1 " " 57
	2 " " 90A
	2 " " 126A

Model No. 0.106 Portal

Parts required :

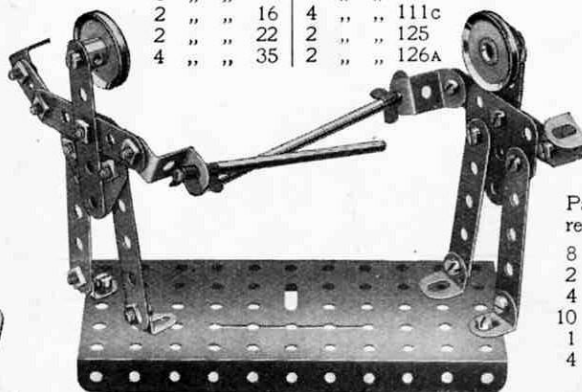
4 of No. 2	
2 " " 11	
8 " " 12	
1 " " 22	
16 " " 37	
6 " " 37A	
2 " " 48A	
1 " " 52	
4 " " 90A	
6 " " 111c	



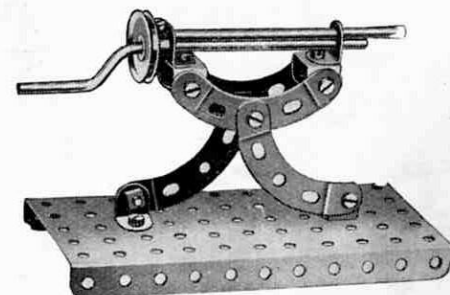
Model No. 0.107 The Fencers

Parts required :

8 of No. 5	16 of No. 37
2 " " 10	4 " " 37A
6 " " 12	1 " " 52
2 " " 16	4 " " 111c
2 " " 22	2 " " 125
4 " " 35	2 " " 126A



Model No. 0.108 Machine Gun



Parts required :

2 of No. 11	1 of No. 22
4 " " 12	12 " " 37
1 " " 16	1 " " 52
1 " " 19s	4 " " 90A

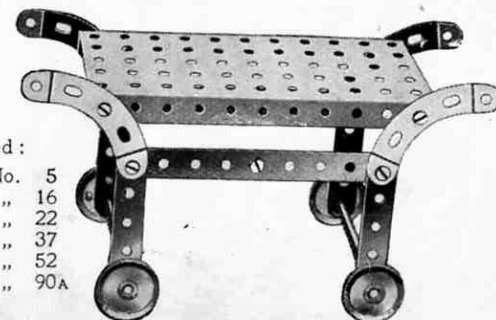
Model No. 0.109 Single Sheaf Pulley Block



Parts required :

2 of No. 5	7 of No. 37A
1 " " 23	1 " " 57
	3 of No. 111c

Model No. 0.110 Tea Wagon

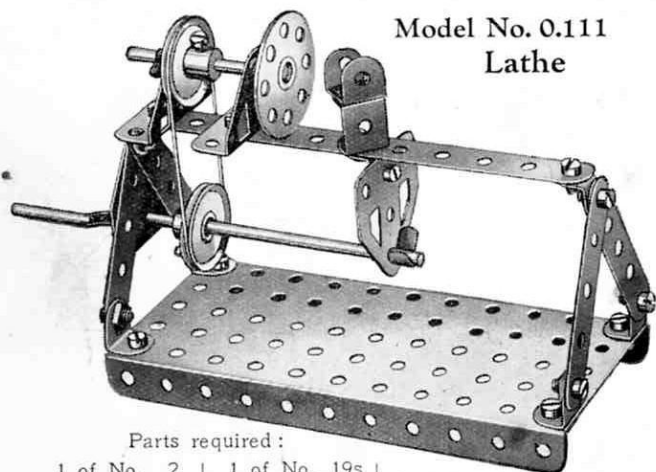


Parts required :

8 of No. 5	
2 " " 16	
4 " " 22	
10 " " 37	
1 " " 52	
4 " " 90A	

These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)

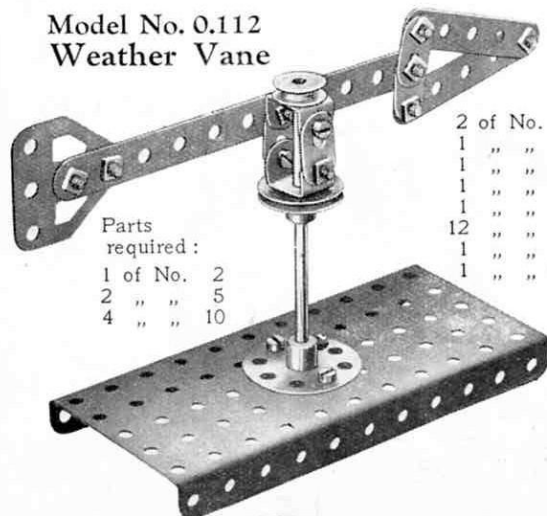
**Model No. 0.111
Lathe**



Parts required:

1 of No. 2	1 of No. 19s	1 of No. 52
4 " " 5	2 " " 22	2 " " 126
2 " " 11	1 " " 24	2 " " 126A
7 " " 12	3 " " 35	
1 " " 17	16 " " 37	

**Model No. 0.112
Weather Vane**

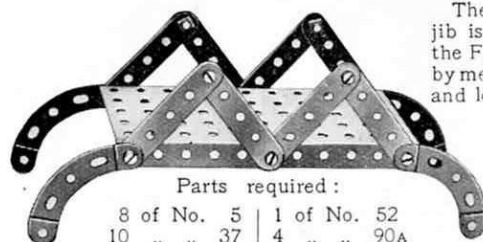


Parts required:

1 of No. 2
2 " " 5
4 " " 10

2 of No. 11
1 " " 16
1 " " 22
1 " " 23
1 " " 24
12 " " 37
1 " " 52
1 " " 126A

Model No. 0.113 Viaduct



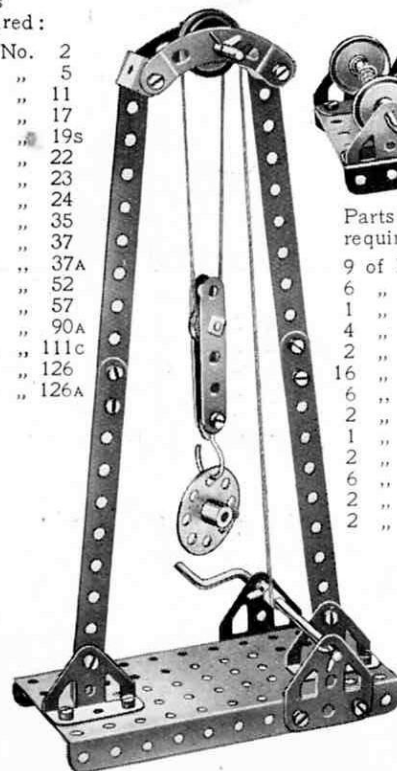
Parts required:

8 of No. 5	1 of No. 52
10 " " 37	4 " " 90A

Model No. 0.114 Pulley Block

Parts required:

4 of No. 2
2 " " 5
2 " " 11
1 " " 17
1 " " 19s
1 " " 22
1 " " 23
1 " " 24
5 " " 35
16 " " 37
4 " " 37A
1 " " 52
1 " " 57
2 " " 90A
4 " " 111c
2 " " 126
2 " " 126A

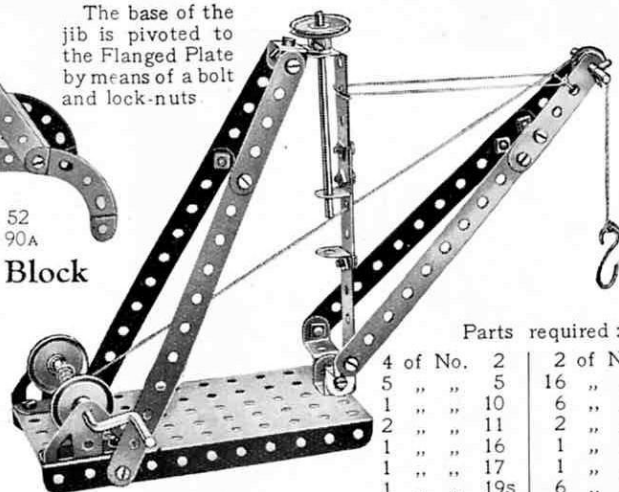


Parts required:

9 of No. 5
6 " " 12
1 " " 19s
4 " " 22
2 " " 35
16 " " 37
6 " " 37A
2 " " 48A
1 " " 52
2 " " 90A
6 " " 111c
2 " " 126
2 " " 126A

Model No. 0.115 Derricking Crane

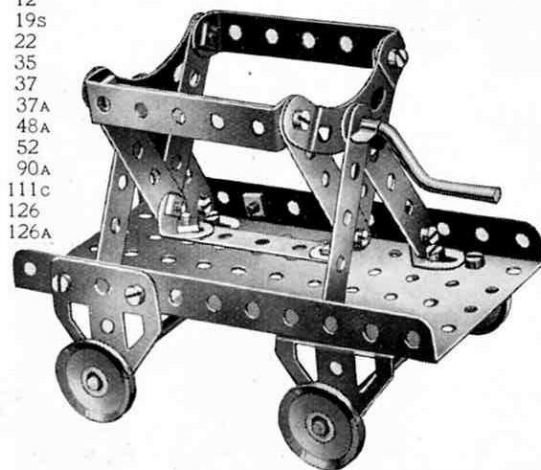
The base of the jib is pivoted to the Flanged Plate by means of a bolt and lock-nuts.



Parts required:

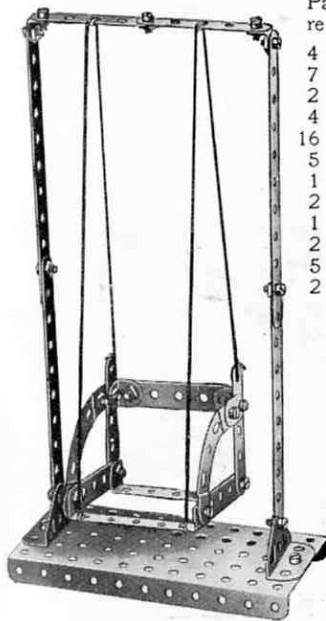
4 of No. 2	2 of No. 35
5 " " 5	16 " " 37
1 " " 10	6 " " 37A
2 " " 11	2 " " 48A
1 " " 16	1 " " 52
1 " " 17	1 " " 57
1 " " 19s	6 " " 111c
3 " " 22	2 " " 125
1 " " 23	2 " " 126

Model No. 0.116 Dump Car



These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)

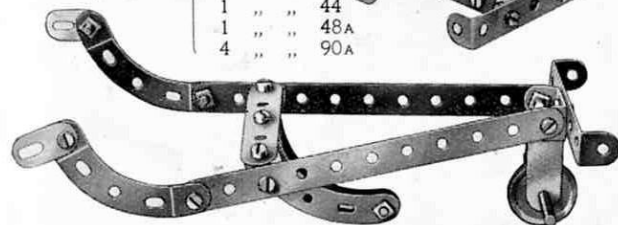
Model No. 0.117 Swing



Parts required:

4 of No.	2
7 " "	5
2 " "	10
4 " "	12
16 " "	37
5 " "	37A
1 " "	40
2 " "	48A
1 " "	52
2 " "	90A
5 " "	111c
2 " "	126

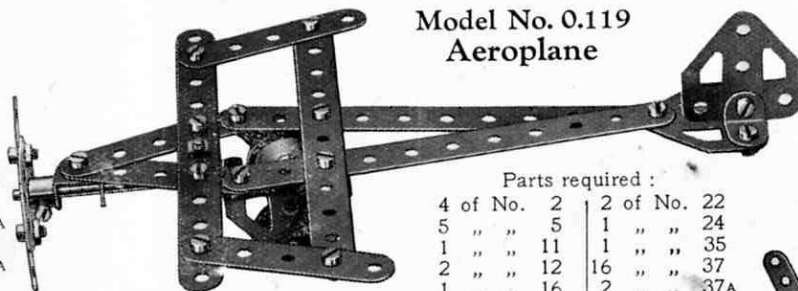
Model No. 0.118 Plough



Parts required:

2 of No.	2	3 of No.	12
1 " "	5	1 " "	17
2 " "	10	1 " "	22
2 " "	11	15 " "	37
		1 " "	44
		1 " "	48A
		4 " "	90A

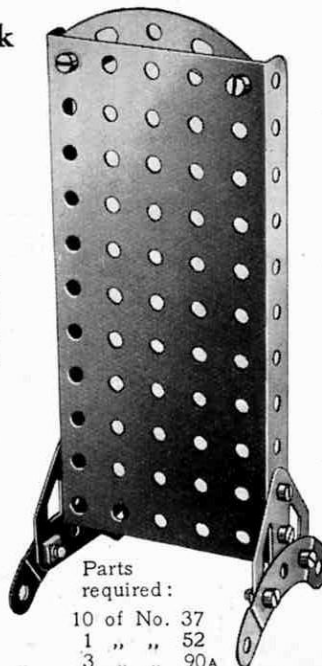
Model No. 0.119
Aeroplane



Parts required:

4 of No.	2	2 of No.	22
5 " "	5	1 " "	24
1 " "	11	1 " "	35
2 " "	12	16 " "	37
1 " "	16	2 " "	37A
1 " "	17	2 " "	111c
		2 " "	126
		1 " "	126A

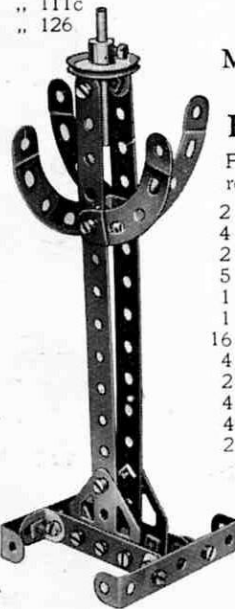
Model No. 0.121
Notice Board



Parts required:

10 of No.	37
1 " "	52
3 " "	90A
2 " "	126A

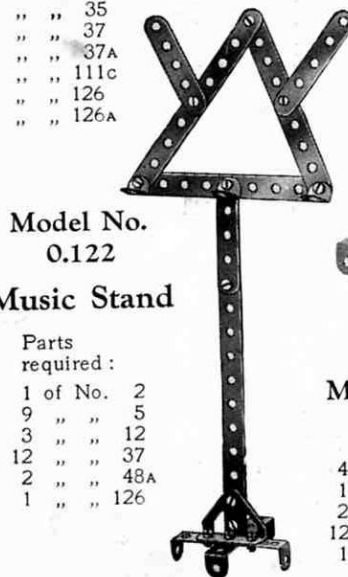
Model No.
0.120
Hat Rack



Parts required:

2 of No.	2
4 " "	5
2 " "	11
5 " "	12
1 " "	17
1 " "	22
16 " "	37
4 " "	37A
2 " "	48A
4 " "	90A
4 " "	111c
2 " "	126A

Model No.
0.122
Music Stand



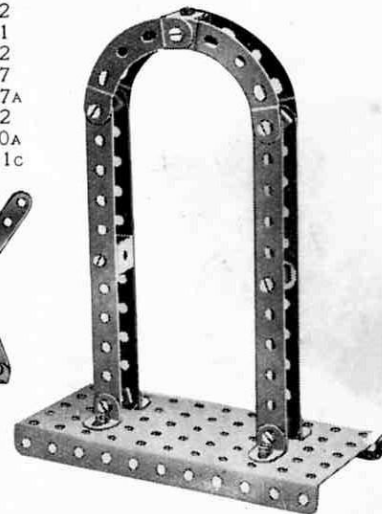
Parts required:

1 of No.	2
9 " "	5
3 " "	12
12 " "	37
2 " "	48A
1 " "	126

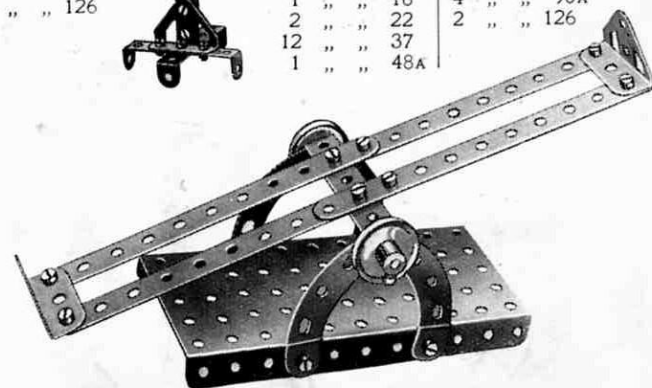
Parts required:

4 of No.	2
2 " "	11
6 " "	12
16 " "	37
3 " "	37A
1 " "	52
4 " "	90A
3 " "	111c

Model No. 0.123 Arch



Model No. 0.124 See-Saw

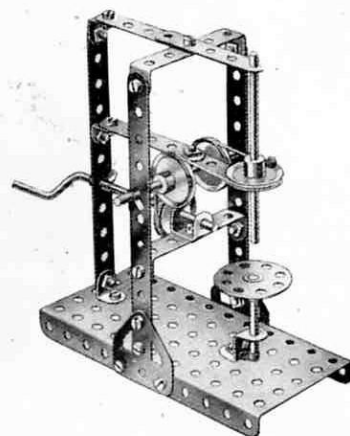


Parts required:

4 of No.	2	1 of No.	52
1 " "	16	4 " "	90A
2 " "	22	2 " "	126
12 " "	37		
1 " "	48A		

These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)

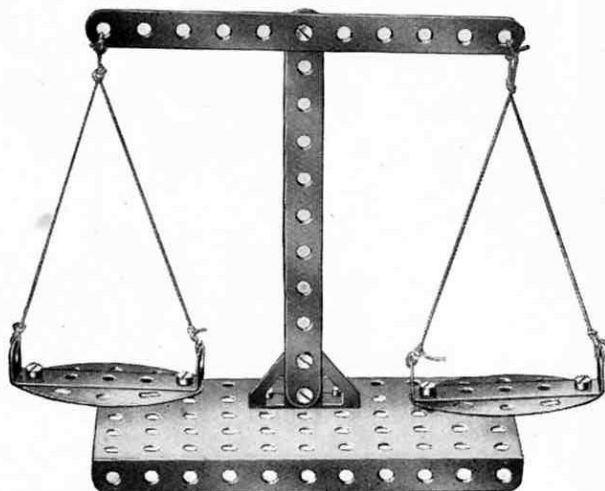
Model No. 0.125 Drilling Machine



Parts
required :

3 of No.	2
4 " "	5
2 " "	11
3 " "	12
1 " "	16
1 " "	17
1 " "	19s
4 " "	22
1 " "	24
6 " "	35
16 " "	37
6 " "	37A
2 " "	48A
1 " "	52
6 " "	111c
1 " "	125
2 " "	126A

Model No. 0.127 Scales



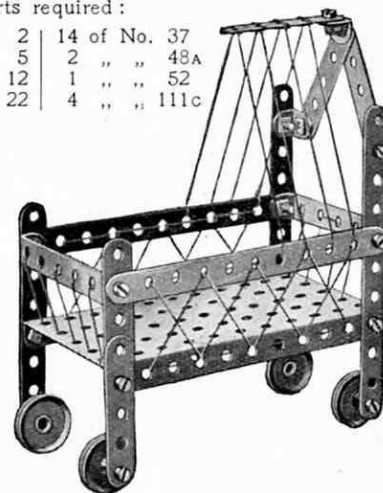
Parts required :

2 of No.	2	2 of No.	48A
9 " "	37	1 " "	52
1 " "	37A	4 " "	90A
1 of No. 126			

Model No. 0.129 Cot

Parts required :

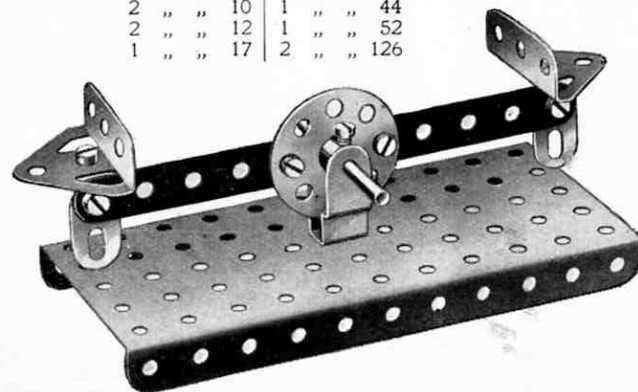
4 of No.	2	14 of No.	37
7 " "	5	2 " "	48A
3 " "	12	1 " "	52
4 " "	22	4 " "	111c



Model No. 0.126 Counter Scales

Parts required :

1 of No.	2	7 of No.	37
2 " "	10	1 " "	44
2 " "	12	1 " "	52
1 " "	17	2 " "	126



Model No. 0.128 Single Sheave Pulley Block



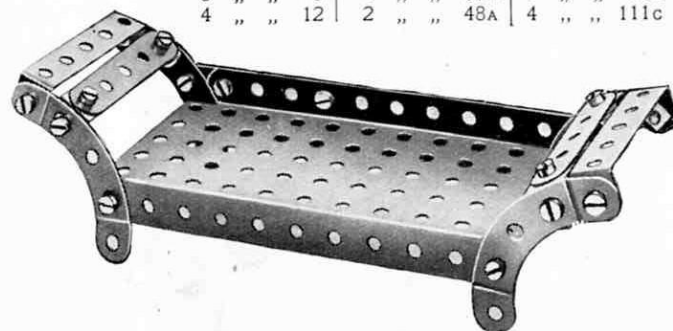
Parts
required :

1 of No.	23
12 " "	37A
1 " "	57
4 " "	111c
2 " "	126A

Model No. 0.130 Couch

Parts required :

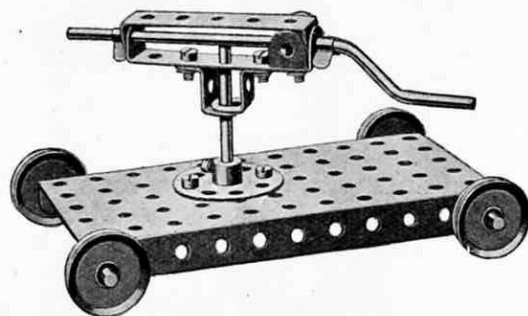
1 of No.	2	16 of No.	37	1 of No.	52
3 " "	5	4 " "	37A	4 " "	90A
4 " "	12	2 " "	48A	4 " "	111c



These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)

35

Model No. 0.131 Rock Drill



Parts required:

1 of No. 11	4 of No. 22	2 of No. 48A
2 " " 16	1 " " 24	1 " " 52
1 " " 17	2 " " 35	2 " " 125
1 " " 19s	5 " " 37	

Model No. 0.133 Prancing Horse

Parts required:

6 of No. 5	
4 " " 12	
1 " " 17	
1 " " 19s	
4 " " 22	
1 " " 24	
16 " " 37	
4 " " 37A	
1 " " 44	
1 " " 52	
1 " " 90A	
4 " " 111c	
2 " " 125	
1 " " 126	
1 " " 126A	

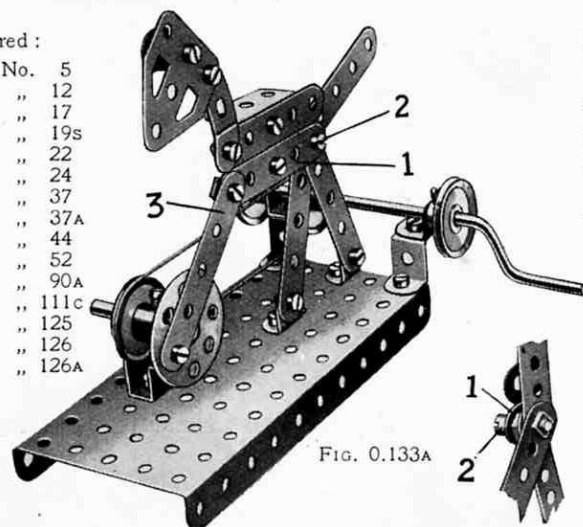
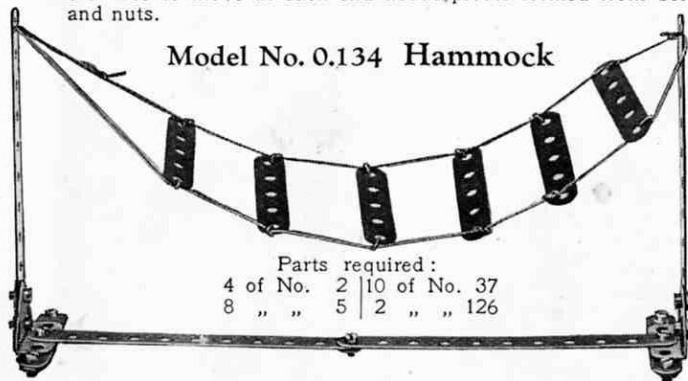


FIG. 0.133A

The Strip 1 forming part of the body is free to move about the Bolt 2, but two nuts on the latter secure the rear legs and tail rigidly together. The arrangement of the various Strips about this Bolt 2 is shown more clearly in Fig. 0.133A. The Strip 3 is free to move at each end about pivots formed from bolts and nuts.

Model No. 0.134 Hammock



Parts required:

4 of No. 2	10 of No. 37
8 " " 5	2 " " 126

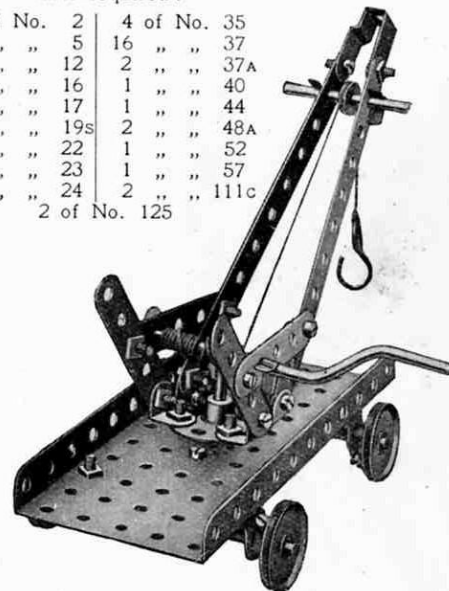
Parts required:

6 of No. 5	2 of No. 22	1 of No. 40
4 " " 12	1 " " 24	1 " " 57
1 " " 19s	12 " " 37	4 " " 90A

Model No. 0.135 Swivelling Crane

Parts required:

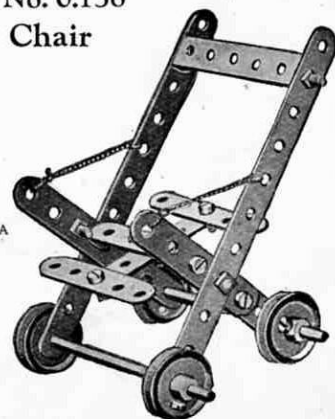
2 of No. 2	4 of No. 35
4 " " 5	16 " " 37
4 " " 12	2 " " 37A
2 " " 16	1 " " 40
1 " " 17	1 " " 44
1 " " 19s	2 " " 48A
4 " " 22	1 " " 52
1 " " 23	1 " " 57
1 " " 24	2 " " 111c
2 of No. 125	



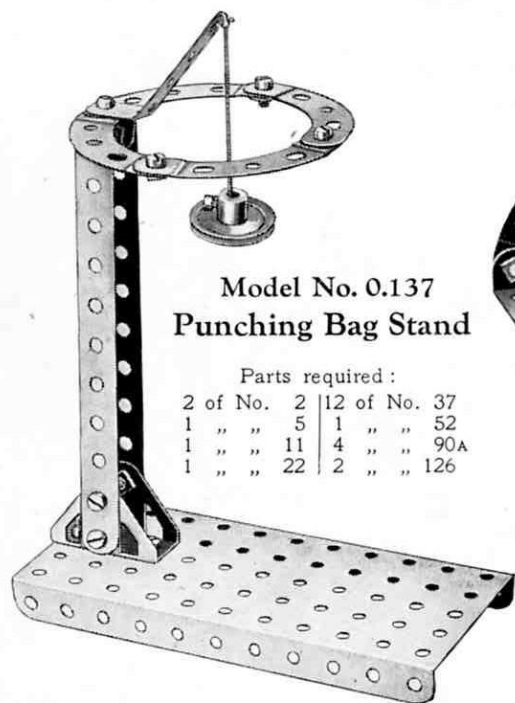
Model No. 0.136 Go Chair

Parts required:

2 of No. 2	
7 " " 5	
2 " " 16	
4 " " 22	
11 " " 37	
2 " " 48A	



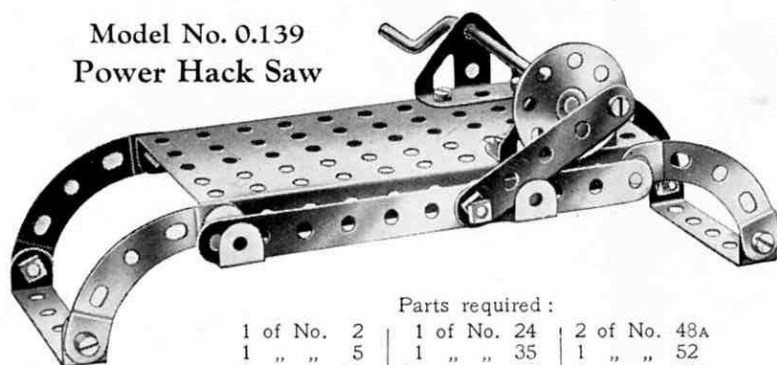
These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)



Model No. 0.137
Punching Bag Stand

Parts required :

2 of No. 2	12 of No. 37
1 " " 5	1 " " 52
1 " " 11	4 " " 90A
1 " " 22	2 " " 126

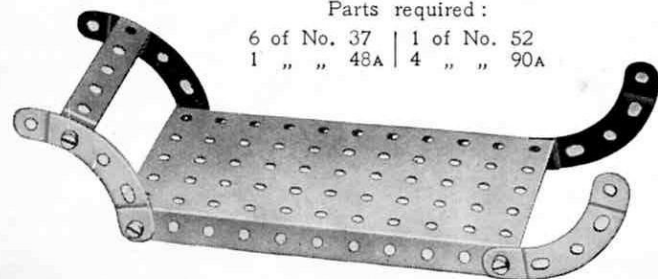


Model No. 0.139
Power Hack Saw

Parts required :

1 of No. 2	1 of No. 24	2 of No. 48A
1 " " 5	1 " " 35	1 " " 52
2 " " 11	16 " " 37	4 " " 90A
1 " " 19s	2 " " 37A	2 " " 126

Model No. 0.140 Old Siege Gun



Model No. 0.138 Sled

Parts required :

6 of No. 37	1 of No. 52
1 " " 48A	4 " " 90A

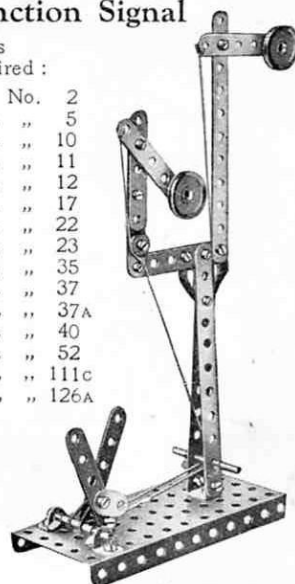
Parts required :

3 of No. 2	1 of No. 24
1 " " 11	16 " " 37
1 " " 15	2 " " 37A
4 " " 12	2 " " 48A
2 " " 16	1 " " 52
4 " " 22	4 " " 90A
	2 of No. 111c

Model No. 0.141
Junction Signal

Parts required :

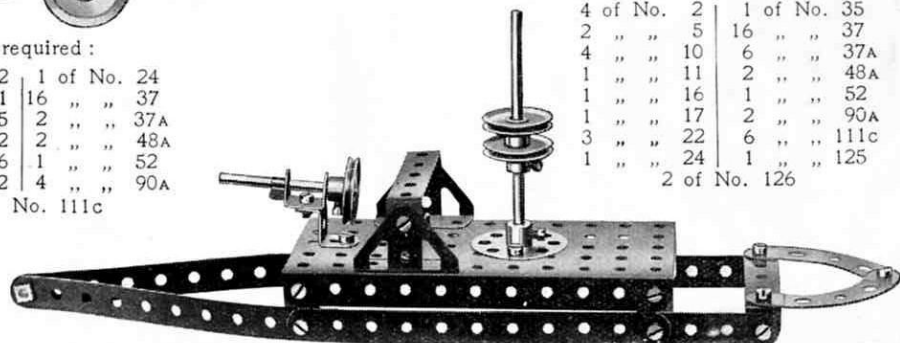
3 of No. 2	2
7 " " 5	5
2 " " 10	10
2 " " 11	11
2 " " 12	12
2 " " 17	17
2 " " 22	22
1 " " 23	23
4 " " 35	35
16 " " 37	37
5 " " 37A	37A
1 " " 40	40
1 " " 52	52
5 " " 111c	111c
1 " " 126A	126A



Model No. 0.142
Battleship

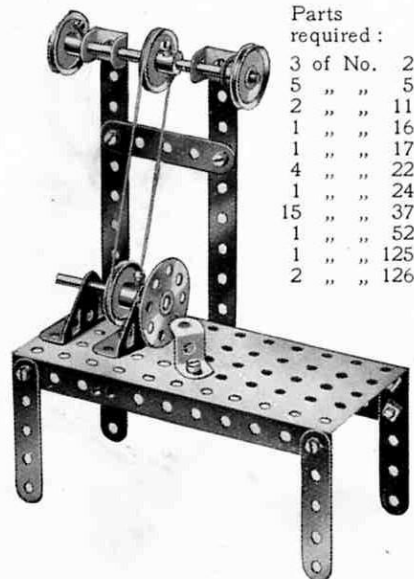
Parts required :

4 of No. 2	1 of No. 35
2 " " 5	16 " " 37
4 " " 10	6 " " 37A
1 " " 11	2 " " 48A
1 " " 16	1 " " 52
1 " " 17	2 " " 90A
3 " " 22	6 " " 111c
1 " " 24	1 " " 125
	2 of No. 126



These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)

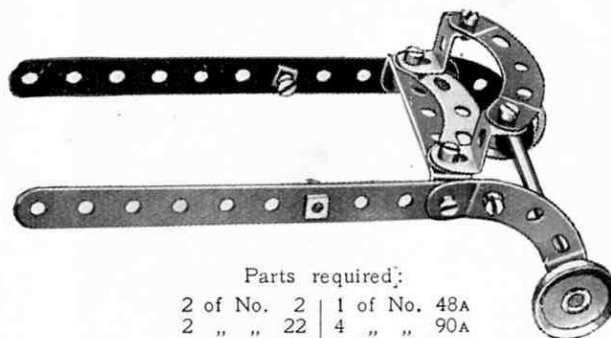
Model No. 0.143 Bench Lathe



Parts required:

3 of No.	2
5 " "	5
2 " "	11
1 " "	16
1 " "	17
4 " "	22
1 " "	24
15 " "	37
1 " "	52
1 " "	125
2 " "	126

Model No. 0.145 Sulley



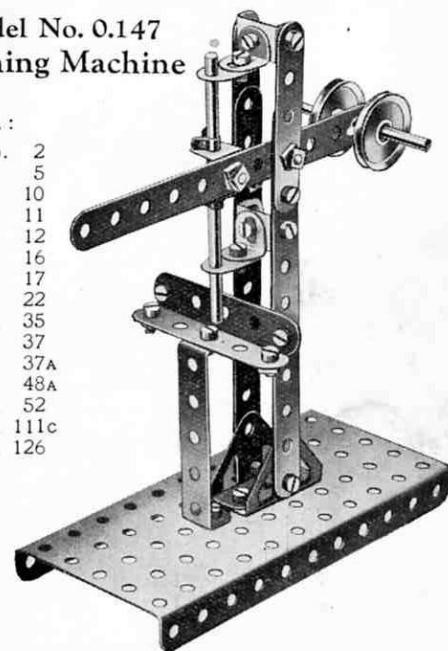
Parts required:

2 of No.	2	1 of No.	48A
2 " "	22	4 " "	90A
10 " "	37	2 " "	125

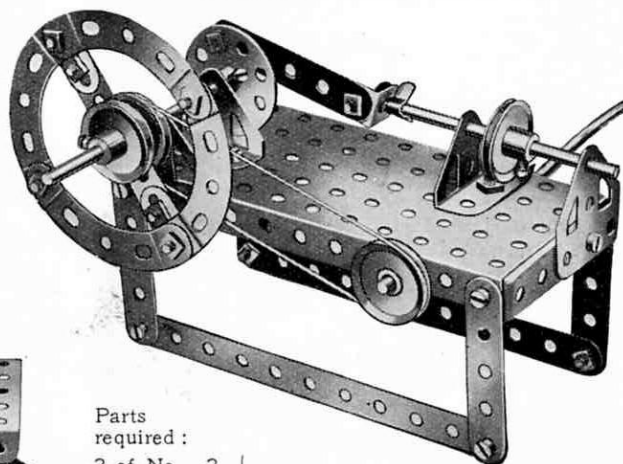
Model No. 0.147 Punching Machine

Parts required:

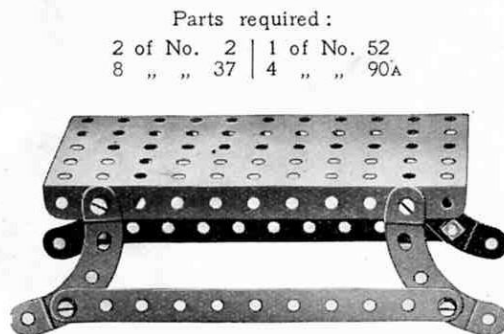
3 of No.	2
4 " "	5
2 " "	10
2 " "	11
6 " "	12
1 " "	16
1 " "	17
2 " "	22
2 " "	35
16 " "	37
6 " "	37A
1 " "	48A
1 " "	52
6 " "	111c
2 " "	126



Model No. 0.146 Horizontal Engine



Model No. 0.144 Bench



Parts required:

2 of No.	2	1 of No.	52
8 " "	37	4 " "	90A

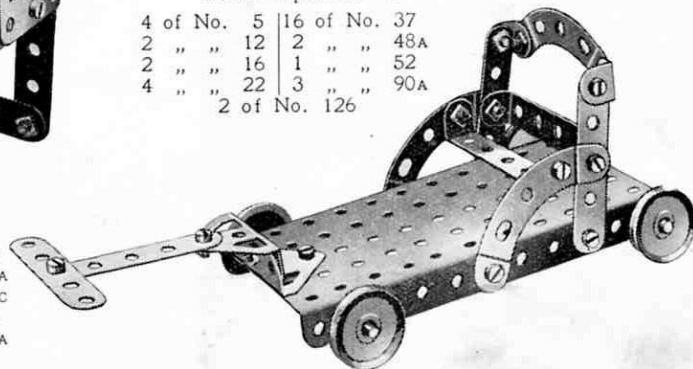
Parts required:

2 of No.	2	4 of No.	22	1 of No.	52
6 " "	5	1 " "	24	4 " "	90A
2 " "	10	3 " "	35	5 " "	111c
1 " "	12	16 " "	37	2 " "	126
2 " "	16	5 " "	37A	2 " "	126A
1 " "	19s				

Model No. 0.148 Bath Chair

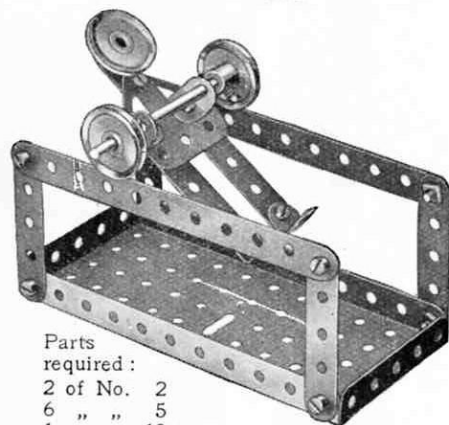
Parts required:

4 of No.	5	16 of No.	37
2 " "	12	2 " "	48A
2 " "	16	1 " "	52
4 " "	22	3 " "	90A
	2 of No.		126



These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)

Model No. 0.149
Parallel Bars



Parts
required:

2 of No.	2	
6 " "	5	
1 " "	10	
4 " "	12	13 of No. 37
1 " "	16	1 " " 52
3 " "	22	1 " " 111c
2 " "	35	1 " " 126A

Model No. 0.151 Candle Shade

Parts
required:

4 of No.	5
8 " "	12
1 " "	24
16 " "	37
4 " "	90A

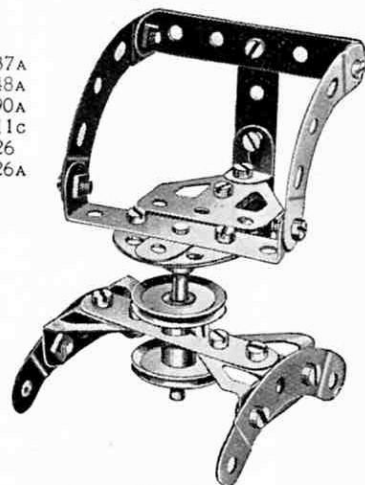


Model No. 0.152
Prehistoric Animal



Parts
required:

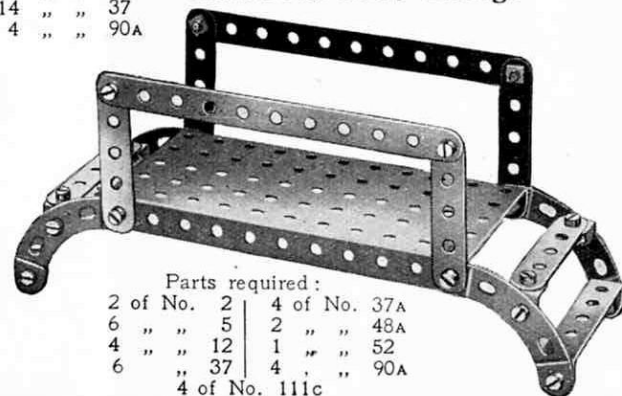
3 of No.	5	2 of No.	37A
1 " "	12	2 " "	48A
1 " "	17	4 " "	90A
2 " "	22	2 " "	111c
1 " "	24	2 " "	126
16 " "	37	1 " "	126A



Parts
required:

4 of No.	2
2 " "	5
4 " "	10
2 " "	11
6 " "	12
14 " "	37
4 " "	90A

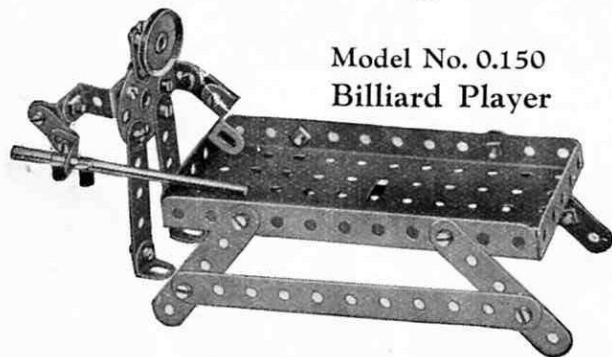
Model No. 0.154 Bridge



Parts
required:

2 of No.	2	4 of No.	37A
6 " "	5	2 " "	48A
4 " "	12	1 " "	52
6 " "	37	4 " "	90A
		4 of No.	111c

Model No. 0.150
Billiard Player



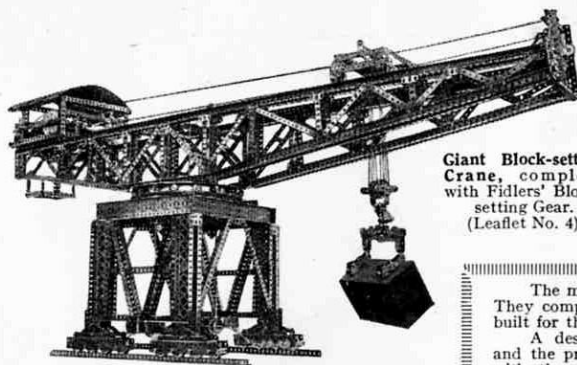
Parts
required:

2 of No.	2
6 " "	5
3 " "	10
5 " "	12
1 " "	16
1 " "	22
1 " "	24
2 " "	35
16 " "	37
5 " "	37A
5 " "	111c
2 " "	125

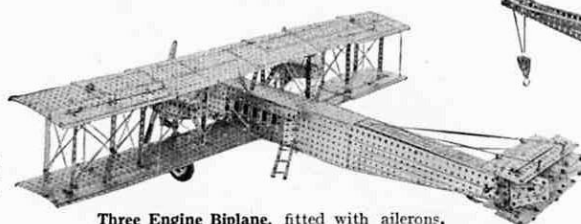
HOW TO CONTINUE

This completes our examples of models that may be made with MECCANO Outfit No. 0. The next models are a little more advanced, requiring a number of extra parts to construct them. The necessary parts are all contained in a No. 0A Accessory Outfit, the price of which will be found in the list at the end of this Manual.

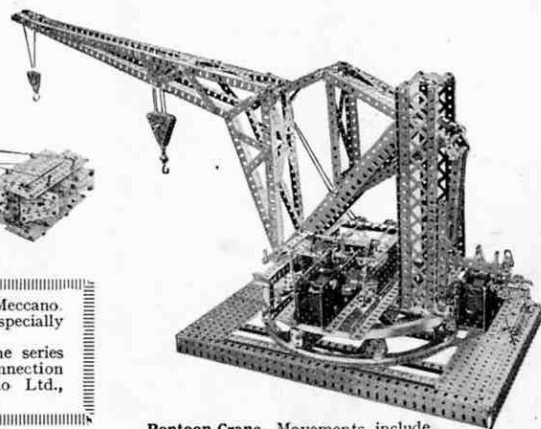
A Selection of Meccano Super Models



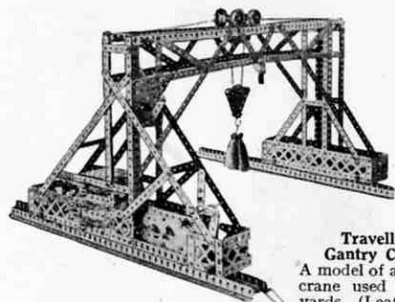
Giant Block-setting Crane, complete with Fidler's Block-setting Gear. (Leaflet No. 4).



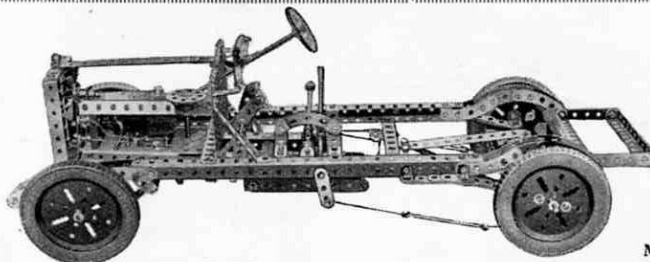
Three Engine Biplane, fitted with ailerons, elevators, rudders, etc. (Leaflet No. 34).



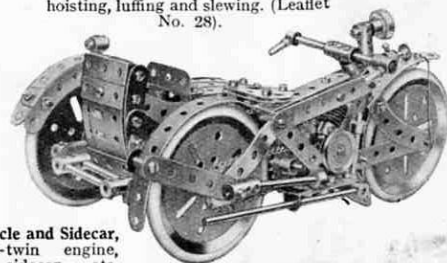
Pontoon Crane. Movements include hoisting, luffing and slewing. (Leaflet No. 28).



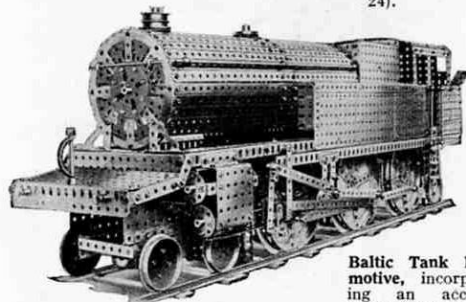
Travelling Gantry Crane. A model of a type of crane used in ship-yards. (Leaflet No. 24).



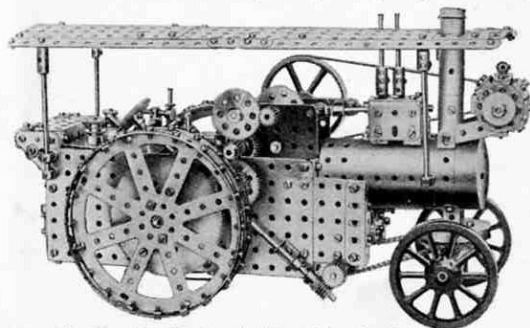
Motor Chassis, complete with gear box, clutch, differential, internal expanding brakes, etc. (Leaflet No. 1).



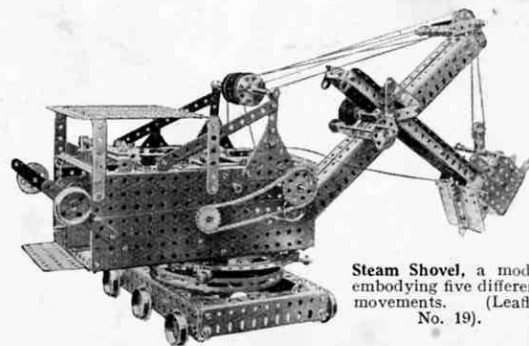
Motor Cycle and Sidecar, with V-twin engine, sprung sidecar, etc. (Leaflet No. 3).



Baltic Tank Locomotive, incorporating an accurate reproduction of Walschaerts' valve gear. (Leaflet No. 15).



The Traction Engine is driven by a 6-volt Motor and will haul 140 lbs. (Leaflet No. 22).



Steam Shovel, a model embodying five different movements. (Leaflet No. 19).

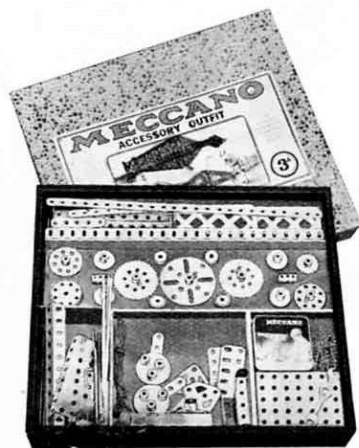
The models illustrated on this page show the wonderful possibilities of Meccano. They comprise a selection from a range of super models that have been specially built for the delight of Meccano boys.

A descriptive leaflet giving full particulars of all the models in the series and the prices of the special Instruction Leaflets that are published in connection with them, may be obtained from your dealer or direct from Meccano Ltd., Old Swan, Liverpool.

MECCANO ACCESSORY OUTFITS

The Purpose of Meccano Accessory Outfits

Meccano Accessory Outfits connect the main Outfits from No. 00 to No. 7. They may be well described as the stepping stones to bigger and better models. A No. 00 Outfit may be converted into a No. 0 by adding to it a No. 00a Accessory Outfit, and a No. 0a would then convert it into a No. 1. In this way, no matter with which Outfit a boy commences, he may build it up by degrees until he possesses all the parts contained in the largest Outfit.



THE "MECCANO MAGAZINE"

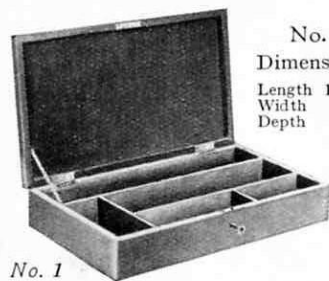
The World's Best Magazine for Boys

The "Meccano Magazine" is the Meccano boy's newspaper. It tells him of the latest Meccano models; what Meccano Clubs are doing; how to correspond with other Meccano boys; the Competitions that are running, etc. It is sent regularly to subscribers at the rate of 4/- for six issues, post free, or it may be ordered from any Meccano dealer, newsagent or book-stall, price 6d. per copy.



STORAGE BOXES FOR MECCANO PARTS

The boxes illustrated and described below are specially designed for the purpose of storing Meccano parts. Almost every Meccano boy purchases additional parts from time to time, but there is sometimes difficulty in finding suitable accommodation for them. The Meccano Storage Boxes enable parts to be stored neatly and methodically so that they are always easily accessible.

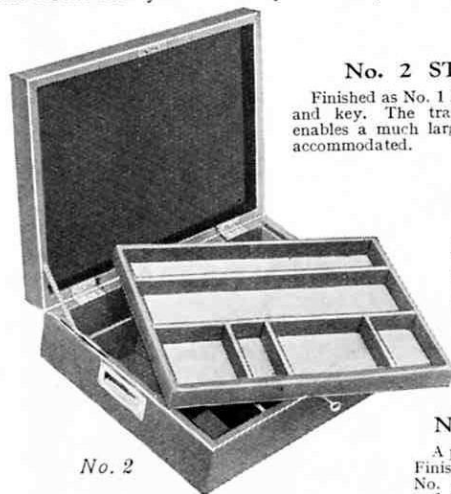


No. 1
Dimensions :
Length 15½ ins.
Width 8½ ins.
Depth 2½ ins.

No. 1

No. 1 STORAGE BOX

Attractively enamelled in red, and fitted with partitions as shown in the illustration. The lid is hinged and is secured by means of lock and key.



No. 2

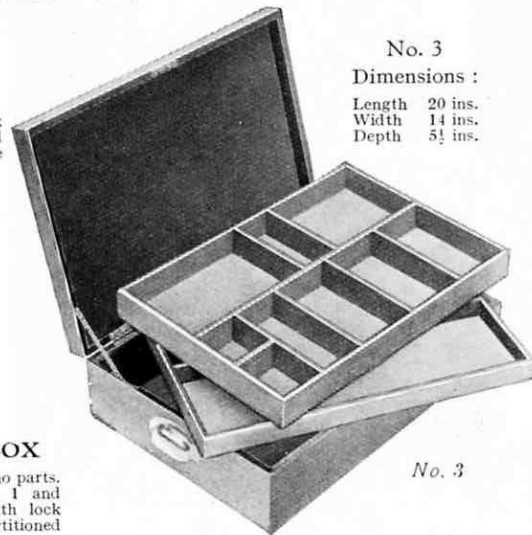
No. 2 STORAGE BOX

Finished as No. 1 Box and provided with lock and key. The tray with which it is fitted enables a much larger quantity of parts to be accommodated.

No. 2
Dimensions :
Length 14½ ins.
Width 11 ins.
Depth 3½ ins.

No. 3 STORAGE BOX

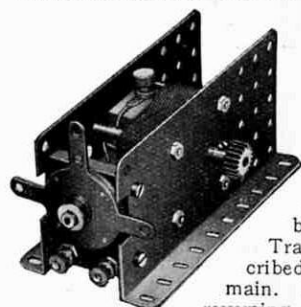
A perfect receptacle for Meccano parts. Finished similarly to the No. 1 and No. 2 boxes and provided with lock and key. Fitted with two partitioned trays.



No. 3
Dimensions :
Length 20 ins.
Width 14 ins.
Depth 5½ ins.

No. 3

MECCANO ELECTRIC MOTOR No. 6 (6 volts)



The 6-volt Motor is specially designed to build into Meccano models. It may be run from a 6-volt accumulator, or, by employing the Transformer described below, from the main. It is fitted with reversing motion and provided with stopping and starting controls.

IMPORTANT.—The 6-volt Motor will not run satisfactorily from dry cells.

MECCANO ELECTRIC MOTOR No. 20 (20 volts)

This motor is the same in design as the 6-volt Electric Motor, but instead of being operated from an accumulator it is driven from the electric light main. In the case of alternating current mains it is necessary to use a Transformer giving 25 volts, and in the case of direct current mains a Rotary Converter with an output of 20 volts must be employed. This motor is reversible.

MECCANO RESISTANCE CONTROLLER

By means of this transformer the Meccano Electric Motor No. 6 (6 volts) may be driven from the house supply (alternating current only). It is available for all standard supply voltages, from 100 to 250 inclusive, at all standard frequencies. The supply voltage and frequency must be specified when ordering. Complete with length of flex and adapter for connection to an ordinary lamp socket.



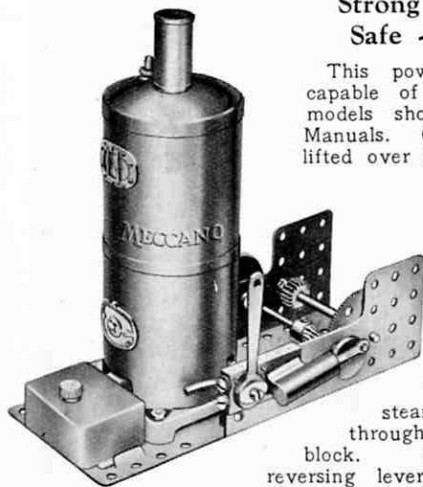
MECCANO

POWER UNITS AND ACCESSORIES

In order to obtain the fullest possible enjoyment from the Meccano hobby the models should be operated with a Meccano power unit. The side plates and bases are pierced with the standard Meccano equidistant holes, which enables a motor or engine to be built into any Meccano model in the exact position required.

MECCANO STEAM ENGINE

**Strong - Powerful
Safe - Reversing**



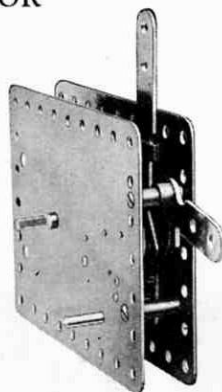
This powerful steam unit is capable of driving any of the models shown in the Meccano Manuals. On actual test it has lifted over 56 lbs. The base and side plates of the engine are drilled with standard Meccano equidistant holes, so that the engine may be built into any model.

A single cylinder of the oscillating type is employed, steam being admitted to it through a special reversing block. Operation of the reversing lever enables the crankshaft to run in either direction. The spirit container for the lamp is placed well outside the boiler-casing, eliminating all risks of the spirit becoming heated. The boiler is fitted with an efficient spring safety valve of heavy gauge brass and there is no danger whatever of the boiler exploding.

MECCANO CLOCKWORK MOTOR

This splendid Motor, which is specially designed for operating Meccano models, is a compact self-contained power unit.

An efficient governor controls the powerful spring that is fitted on the motor and ensures a long steady run at each winding. Brake and reverse levers enable the motor to be stopped, started and reversed as required. Supplied complete with winding key and full instructions.



ACCUMULATOR 6 volts, 20 amps.

The Meccano Accumulator is of substantial construction and is specially recommended for running the Meccano Electric Motor No. 6.

2 volts, 20 amps.

This 2-volt 20-amp. Accumulator is supplied for converting 4-volt Accumulators to 6 volts

TRANSFORMER

By employing this variable resistance the speed of the Meccano Electric Motor No. 6 (6 volts) may be regulated as desired. The controller is connected in series with the motor and accumulator, or with the motor and transformer if a transformer is used as the source of power. It will not regulate the speed of a high-voltage motor connected to the main.



A FINE SELECTION OF HORNBY TRAINS



*No. 1 Special Passenger Set

The No. 1 Special Passenger Set contains Locomotive, Tender, two No. 1 Pullman Coaches, one No. 1 Pullman Coach Composite and set of Rails. The doors of the coaches open. Gauge 0.



*No. 1 Special Goods Set

This set is similar to the No. 1 Special Passenger Set, but contains one Wagon and one Brake Van in place of the Pullman Coaches.



*No. 2 Special Pullman Set

This set contains Locomotive, Tender, No. 2 Special Pullman Coach, No. 2 Special Pullman Coach Composite and set of Rails. The Locomotives and Tenders are "t.u.c-to-type" and are models of famous Locomotives and Tenders in the services of the leading British Railway Companies.



*No. 2 Mixed Goods Set

This realistic Goods Train consists of 4-2 Tank Locomotive, as supplied with No. 2 Special Goods Set, Hornby Wagon No. 1, No. 1 Cattle Truck, Petrol Tank Wagon, Brake Van and set of Rails.

* L.M.S., L.N.E., G.W. or S.R.

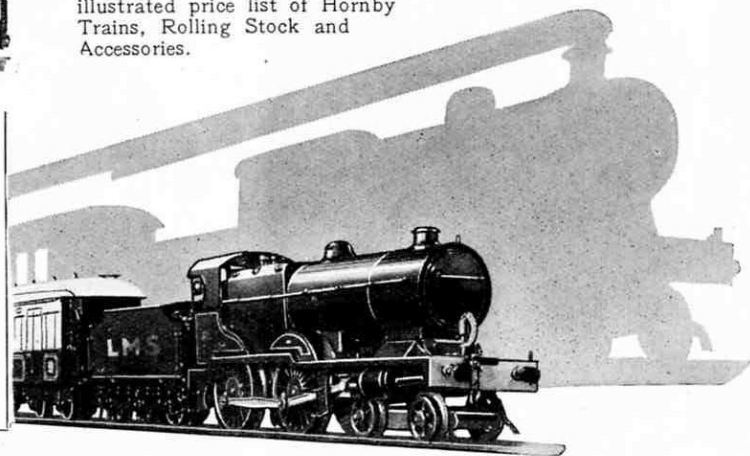
HORNBY TRAINS

BRITISH AND GUARANTEED

Every boy is fascinated by railways and longs for a railway of his own. But it must be a real railway, correctly laid out with main line, branch lines and sidings, stations, tunnels and bridges, and fully equipped with points, signals, etc. A railway of this kind is easily built from the component parts of the Hornby Train System.

The splendid fun of running a Hornby railway is real and lasting because of the exceptional strength and reliable mechanism of the Hornby Locomotives, the realistic Hornby Rolling Stock, and the wide range of Hornby Accessories—all built in perfect proportion and all beautifully finished.

Ask your Dealer for a free complete illustrated price list of Hornby Trains, Rolling Stock and Accessories.

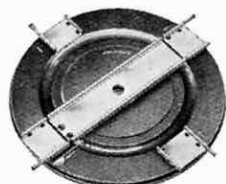


For prices of the above see price list at end of Manual.

HORNBY ROLLING STOCK AND ACCESSORIES



*LUMBER WAGON No. 2. Price 4/-



TURNTABLE No. 1
Price 2/9



SINGLE WINE WAGON
Price 4/-



LAMP STANDARD
No. 2 (Double). Price 4/6



*HOPPER WAGON
Price 3/6



SIDE TIPPING WAGON
Price 2/6



*TROLLEY WAGON. Price 4/6



JUNCTION SIGNAL
Price 6/-



*TIMBER WAGON No. 2. Price 3/6



COVERED WAGON
(French Type). Price 3/-



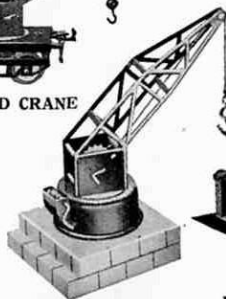
SIGNAL CABIN No. 2
Price 5/6



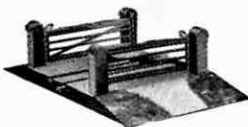
*BREAKDOWN VAN AND CRANE
Price 6/3



*SNOW PLOUGH
Price 5/6



PLATFORM CRANE
Price 4/9



LEVEL CROSSING No. 1
Price 3/6



*LUGGAGE VAN No. 2
Price 5/9



TUNNEL. Price 7/6



BUFFER STOPS No. 2
(HYDRAULIC) Price 5/6



MILK TANK WAGON
"UNITED DAIRIES"
Price 6/-



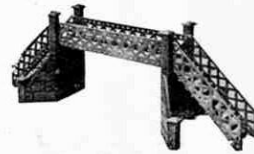
BITUMEN TANK
WAGON "COLAS"
Price 5/3



RAILWAY STATION. No. 2.
* Lettered L.M.S., L.N.E., G.W. or S.R.



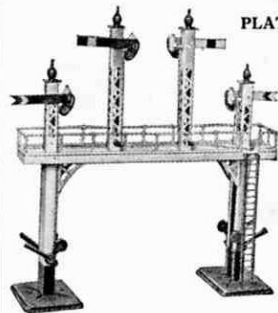
RAILWAY ACCESSORIES
No. 7
Watchman's Hut, Brazier
Shovel and Poker.
Price 1/6



FOOTBRIDGE No. 3
Price 12/6



*MILK TRAFFIC VAN
Price 3/6



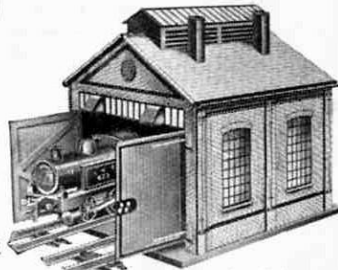
SIGNAL GANTRY. Price 10/-



SIGNAL No. 2
Price 2/6



WATER TANK
Price 8/6



ENGINE SHED No. 1
Price 15/-

THE Hornby system consists of a complete range of Rolling Stock, Train Accessories, and Rails, Points and Crossings, with which the most elaborate model railway may be constructed. Every component in the Hornby Series is well designed and carefully modelled on its prototype in real life.

Meccano Price List

MECCANO OUTFITS

No. 00 Meccano Outfit	.. .. .	3/6
" 0	" " " " " " " " " " " "	5/-
" 1	" " " " " " " " " " " "	10/-
" 2	" " " " " " " " " " " "	16/-
" 3	" " " " " " " " " " " "	27/6
" 4	" " " " " " " " " " " "	52/6
" 5*	" " " " " " " " " " " "	70/-
" 5*	" " " (Carton) " " " " " " " "	100/-
" 6*	" " " Presentation Outfit " " " " " " " "	125/-
" 6*	" " " Outfit (Carton) " " " " " " " "	155/-
" 7	" " " Presentation Outfit " " " " " " " "	450/-

* Outfits Nos. 5 and 6 are supplied in neat and well-made cardboard boxes (cartons) or in superior enamelled cabinets, with lock and key.

† This Outfit is supplied in a No. 5A Carton. A No. 6 Outfit enamelled Cabinet is also supplied separately to enable the purchaser to accommodate the whole of his equipment.

ACCESSORY OUTFITS

No. 00A Meccano Accessory Outfit	.. .. .	1/6
" 0A	" " " " " " " " " " " "	5/6
" 1A	" " " " " " " " " " " "	7/-
" 2A	" " " " " " " " " " " "	12/6
" 3A	" " " " " " " " " " " "	26/-
" 4A	" " " " " " " " " " " "	17/6
" 5A	" " " " " " " " " " " "	55/-
" 5A†	" " " (Carton) " " " " " " " "	97/6
" 6A	" " " " " " " " " " " "	235/-

" 5A† " " " (Carton supplied separate with No. 6 Outfit enamelled Cabinet)

" 6A " " " (Superior enamelled Cabinet)

MECCANO MOTORS, Etc.

Meccano Clockwork Motor	.. .. .	7/6
" Electric Motor No. 6 (6 Volts)	.. .. .	15/6
" " " " No. 20 (20 Volts)	.. .. .	21/-
Transformer	.. .. .	30/-
Meccano Accumulator (2 Volts, 20 Amps.)	.. .. .	10/6
" " (6 Volts, 20 Amps.)	.. .. .	28/6

Resistance Controller	.. .. .	4/6
Meccano Steam Engine	.. .. .	25/-
No. 1 Meccano Storage Box	.. .. .	10/6
" 2	" " " " " " " " " " " "	21/-
" 3	" " " " " " " " " " " "	30/-

Hornby Train Price List

M0 Goods Set	.. .. .	5/-
M0 Passenger Set	.. .. .	5/9
M1	" " " " " " " " " " " "	9/3
M1 Goods Set	.. .. .	10/-
M2 Passenger Set	.. .. .	10/9
Hornby No. 0 Goods Set	.. .. .	15/-
" " 0 Passenger Set	.. .. .	15/-
" " 1 Goods Set	.. .. .	20/-
" " 1 Tank Goods Set	.. .. .	22/6
" " 1 Passenger Set	.. .. .	25/-
" " 1 Special Goods Set	.. .. .	32/6
" " 1 " Passenger Set	.. .. .	35/-
" " 2 Mixed Goods Set	.. .. .	40/-
Metropolitan Train Set, C (Clockwork)	.. .. .	55/-
Hornby No. 2 Special Pullman Set	.. .. .	67/6

Metropolitan Train Set, L.V. (6-Volt Electric)	.. .. .	95/-
Riviera " Blue Train " Set No. 3C (Clockwork)	.. .. .	62/6
" " " " " " " " 3E (6-Volt Electric)	.. .. .	80/-
Hornby No. 3C " Cornish Riviera " (Clockwork)	.. .. .	67/6
" " 3E " " " (Electric)	.. .. .	85/-
" " C3 " Flying Scotsman " (Clockwork)	.. .. .	67/6
" " 3E " " " (Electric)	.. .. .	85/-
" " 3C " Royal Scot " (Clockwork)	.. .. .	67/6
" " 3E " " " (Electric)	.. .. .	85/-
" " 3C " Continental Express " (Clockwork)	.. .. .	67/6
" " 3E " " " (Electric)	.. .. .	85/-

MECCANO

Hornby's Original System, First Patented 1901

PATENTS AND DESIGNS

GREAT BRITAIN:

250,378
253,236
290,121
648,958
671,484

671,485
671,534
671,790
680,416
682,208

682,209
682,934
683,011
686,112
698,054

718,404
718,731
733,541
733,542
740,413
740,723

No Outfit is genuine unless it bears the Trade Mark MECCANO

CONTENTS OF No. 0 OUTFIT

No.	Quantity.	No.	Quantity.	No.	Quantity.
2. 5½" Perforated Strips	4	23. ½" Pulley Wheel (without Set-screw) 1		48A. 2½" x ½" Double Angle Strips ..	2
5. 2½" " " " "	9	24. Bush Wheel	1	52. Perforated Flanged Plate, 5½" x 2½" 1	
10. Flat Brackets	4	34. Spanner	1	56B. Manual of Instructions No. 0 ..	1
11. Double " " " "	2	35. Spring Clips	6	57. Hook	1
12. Angle " ½" x ½"	8	36. Screwdriver	1	90A. Curved Strips, 2½" Small Radius ..	4
16. 3½" Axle Rods	2	37. Nuts and Bolts	16	111c. Bolts, ¾"	6
17. 2" " " " " "	2	37A. Nuts	6	125. ½" Reversed Angle Brackets ..	2
19s. Crank Handle, Small 3½" Shaft ..	1	40. Hank of Cord	1	126. Trunnions	2
22. 1" Pulley Wheels (with Set-screw) 4		44. Cranked Bent Strip	1	126A. Flat Trunnions	2

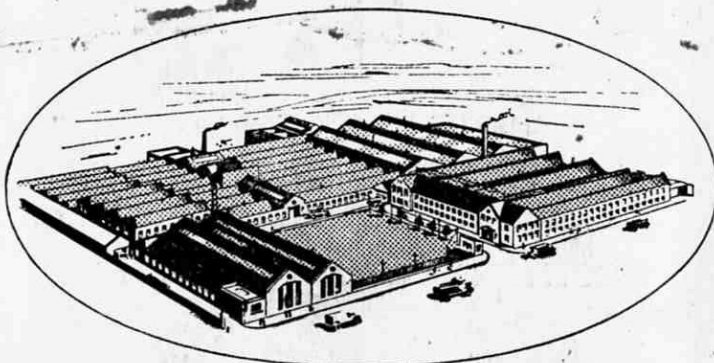
MECCANO

THE TOY THAT MADE ENGINEERING FAMOUS

Millions of boys in every country throughout the world play with Meccano.

These are the Meccano Factories and distributing centres.

London Office and Warehouse :
Meccano Ltd.,
Walnut Tree Walk,
Kennington Road. London, S.E.11.



Meccano G.m.b.H.,
Alte Jakobstrasse 20-22 (Bergmannshof),
Berlin SW.68.

Canadian Office and Warehouse :
Meccano Ltd.,
34, St. Patrick Street, Toronto.



London Service and Repair Depot :
Meccano Ltd.,
5/6, Marshall Street,
London, W.1.

Head Office and Factory :
OLD SWAN, LIVERPOOL.

Meccano Agencies :

Alexandria
Algiers,
Amsterdam,
Auckland,
Barcelona,
Basle,
Bogota,
Bombay,

Brussels,
Buenos Aires,
Cairo,
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Cape Town,
Caracas,
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Meccano, (France) Ltd.,
78-80, Rue Rébeval,
Paris XIXème.