

MECCANO

(TRADE MARKS 296321, 501113, 76, 12633, 10274, 55/13476, 569/13, 884/25, 2913, 30, 124, 336, 18066, 5403, 41812, 4174, 9043, 5549, 2389, 91637, 83171, 157149, 32822, 200639, 209733, 214061, 214062, 12892, 29094, 33316, 1818, 16737, 16900, 72286, 494933-4-5-6, 139420, 383/13, 5848, 50204, 10/12258, 22828, 18982, 20063/925, 2189, 7315, 29041, 26877, 8593, 404718, 410379)

HORNBY'S ORIGINAL SYSTEM—FIRST PATENTED IN 1901

INSTRUCTIONS

FOR OUTFIT

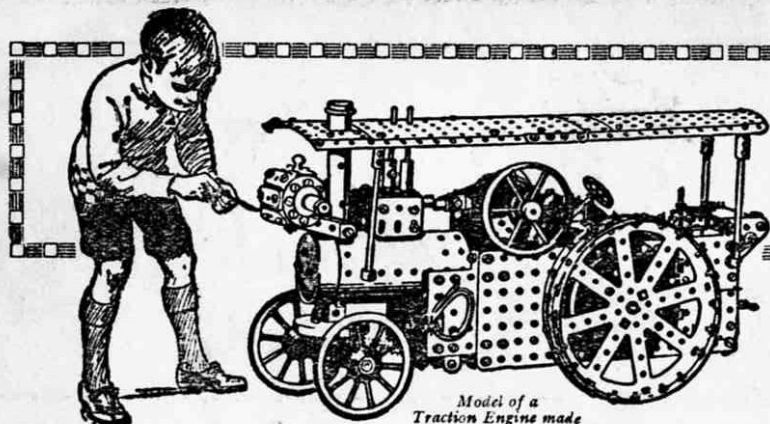
No. 0



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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

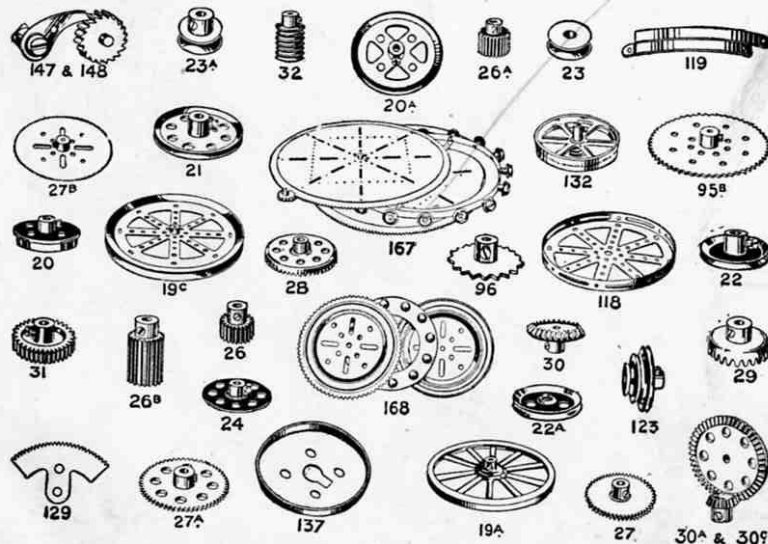
A Meccano boy is the happiest boy in the world. He builds models from the Meccano Instruction books ; invents new models ; enters the Competitions that are always being held in connection with the hobby ; joins the Meccano Guild and a Meccano Club and by wearing the Guild badge proclaims himself to be 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.



Peforated Strips			
No.	s. d.	No.	s. d.
1.	12 ¹ / ₂ 1 doz.	3.	3 ¹ / ₂ ... 1 doz.
1a.	9 ¹ / ₂ " 0 9	4.	3 ¹ / ₂ ... " 0 3
1b.	7 ¹ / ₂ " 0 8	5.	2 ¹ / ₂ ... " 0 3
2.	5 ¹ / ₂ " 0 6	6.	2 ¹ / ₂ ... " 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 doz. 0 10
7a.	18 ¹ / ₂ " " 0 6	9b.	3 ¹ / ₂ ... " 0 8
8.	12 ¹ / ₂ 1 doz. 1 9	9c.	3 ¹ / ₂ ... " 0 8
8a.	9 ¹ / ₂ " 1 3	9d.	2 ¹ / ₂ ... " 0 7
8b.	7 ¹ / ₂ " 1 2	9e.	2 ¹ / ₂ ... " 0 6
9.	5 ¹ / ₂ " 1 0	9f.	1 ¹ / ₂ ... " 0 6
10.	Flat Brackets 0 2
11.	Double Brackets each 0 1
12.	Angle Brackets, 1 ¹ / ₂ x 1 ¹ / ₂ doz. 0 3
12a.	" " 1 ¹ / ₂ x 1 ¹ / ₂ 1 doz. 0 4
12b.	" " 1 ¹ / ₂ x 1 ¹ / ₂ 0 3
Axle Rods			
13.	11 ¹ / ₂ " each 0 2	16a.	2 ¹ / ₂ ... 2 for 0 1
13a.	8 " 0 2	16b.	3 " ... 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 ¹ / ₂ ... 0 1
16.	3 ¹ / ₂ " 0 1		
19.	Crank Handles, Large...		each 0 2
19s.	" Small ...		0 2
19a.	Wheels, 3" diam., with set screws		0 6
20.	Flanged Wheels, 1 ¹ / ₂ " diam.		0 5
20b.	" " 1 ¹ / ₂ " ...		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 " without " " " "		0 2
23.	" " " " " "		0 2
24.	Bush Wheels, ...		0 4
25.	Pinion Wheels, 1 ¹ / ₂ diam., 1 ¹ / ₂ wide		0 6
25a.	" " " " " "		0 8
25b.	" " " " " "		0 10
26.	" " " " " "		0 4
26a.	" " " " " "		0 6
26b.	" " " " " "		0 8
Gear Wheels			
27.	50 teeth to gear with 1 ¹ / ₂ pinion ...		each 0 6
27a.	57 " " " " " "		0 6
27b.	133 " " " " " "		1 3
28.	Contrate Wheels, 1 ¹ / ₂ diam. (3 ¹ / ₂ diam.)		0 9
29.	" " " " " "		0 6
30.	Bevel Gears, 7 ¹ / ₂ 26 teeth ...		0 9
30a.	" " " " " "		0 6
30c.	" " " " " "		1 6
31.	Gear Wheels, 1 ¹ / ₂ , 38 teeth ...		1 0
32.	Worms ...		0 5
33.	Spanners ...		0 2
34b.	Box Spanners ...		0 4
35.	Spring Clips ...		per box (doz.) 0 3
36.	Screwdrivers ...		each 0 3
36a.	" Extra Long ...		0 6
36b.	" Special ...		1 0
37.	Nuts and Bolts, 7/32" ...		per box (doz.) 0 3

No.						s.	d.
37a.	Nuts	...	...	...	(doz.)	0	2
37b.	Bolts, 7/32"	...	...	...	of 50	1	0
37f.	Nuts and Bolts, 7/32"	per box of	50	...	...	1	0
37g.	"	"	...	...	144	2	0
38.	Washers	"	...	...	doz.	0	1
40.	Hanks of Cord	"	...	...	2 for	0	3
41.	Propeller Blades	...	...	...	per pair	0	4
43.	Springs	"	...	...	each	0	2
44.	Cranked Bent Strips	...	...	...	"	0	1
45.	Double	"	...	...	"	0	1
46.	"	Angle Strips,	2½" x 1"	...	½ doz.	0	9
47.	"	"	2" x 1½"	...	"	0	9
47a.	"	"	3" x 1½"	...	"	0	10
48.	"	"	1½" x 1"	...	"	0	4
48a.	"	"	2" x 1"	...	"	0	5
48b.	"	"	3" x 1"	...	"	0	6
48c.	"	"	4" x 1"	...	"	0	9
48d.	"	"	5" x 1"	...	"	0	9
50a.	Eye Pieces, with boss	...	...	...	each	0	4
52.	Perforated Flanged Plates, 5¼" x 2½"	...	...	...	"	0	5
52a.	Flat Plates, 5½" x 3½"	...	...	...	"	0	5
53.	Perforated Flanged Plates, 3¼" x 2½"	...	...	...	"	0	3
53a.	Flat Plates, 4½" x 2½"	...	...	...	"	0	3
54.	Perforated Flanged Sector Plates	...	...	...	"	0	3
55.	"	Strips, slotted, 5½" long	...	...	"	0	2
55a.	"	"	4"	...	"	0	1
56.	Instruction Manuals,	No. 4-7	...	...	"	1	6
56a.	"	No. 00-3	...	...	"	1	6
56b.	"	No. 0	...	...	"	0	6
56c.	Mecanno Standard Mechanisms Manual,	...	...	...	"	1	0
56d.	Book of New Models	...	...	...	"	0	6
56e.	Instruction Manuals, No. 00	...	...	...	"	0	3
56f.	Bound Manual	...	...	...	"	7	6
57.	Hooks	...	...	...	2 for	0	1
57a.	"	Scientific	...	...	each	0	1
57b.	"	Loaded	...	...	"	0	3
58.	Spring Cord	...	...	...	per length	0	9
58a.	Coupling Screws for Spring Cord	...	...	...	doz.	0	6
59.	Collars with Set Screws	...	...	...	2 for	0	3
61.	Windmill Sails	...	...	...	4 for	0	6
62.	Cranks	...	...	...	each	0	3
62a.	Threaded Cranks	...	...	...	"	0	4
62b.	Double Arm Cranks	...	...	...	"	0	3
63.	Couplings	...	...	...	"	0	6
63a.	Octagonal Couplings	...	...	...	"	0	8
63b.	Strip Couplings	...	...	...	"	0	8
63c.	Threaded Couplings	...	...	...	"	0	6
64.	"	Bosses	...	...	"	0	2
65.	Centre Forks	...	...	...	"	1	0
66.	Weights, 50 grammes	...	...	...	"	1	0
67.	"	25	...	...	"	0	3
68.	Wood screws, 1"	...	...	...	doz.	0	3
69.	Set Screws	...	...	...	"	0	3
69a.	Grub Screws, 5/32"	...	...	...	"	0	4
69b.	"	7/32"	...	...	"	0	5
70.	Flat Plates, 5½" x 2½"	...	...	...	each	0	4
72.	"	2½" x 2½"	...	...	"	0	2
76.	Triangular Plates, 2½"	...	...	...	"	0	2
77.	"	1"	...	...	"	0	1
		Screwed Rods					
78.	11½"	each	0 6	80a. 3½"	...	each	0 3
79.	8"	"	0 5	80b. 4½"	...	"	0 3
79a.	6"	"	0 4	81. 2"	...	"	0 2
80.	5"	"	0 3	82. 1"	...	"	0 1

No.					s. d.
89.	5 $\frac{1}{2}$ "	Curved Strips, 10" radius	... each	0	2
89a.	3"	" " cranked, 11" radius, 4 to circle	" "	0	2
90.	2 $\frac{1}{2}$ "	" " 21" radius	" "	0	1
90a.	2 $\frac{1}{2}$ "	" " cranked, 11" radius, 4 to circle	" "	0	1
94.		Sprocket Chain ... per 40' length	"	0	6
95.		" Wheels, ... diam.	"	0	5
95a.	"	" " 3"	"	0	4
95b.	"	" " 1"	"	0	6
96.	"	" " 1"	"	0	3
96a.	"	" " 1"	"	0	3
97.		Braced Girders, 3 $\frac{1}{2}$ " long ...	$\frac{1}{2}$ doz.	0	9
97a.	"	" " 2 $\frac{1}{2}$ "	"	0	8
98.	"	" " 12"	"	0	8
99.	"	" " 9"	"	2	6
99a.	"	" " 7"	"	2	0
99b.	"	" " 5 $\frac{1}{2}$ "	"	2	0
100.	"	" " 4 $\frac{1}{2}$ "	"	1	0
100a.	"	" " 4"	"	0	0
101.		Heads, for looms ...	doz.	0	10
102.		Single Bent Strips ...	each	0	1
103.		Flat Girders, 5 $\frac{1}{2}$ " long ...	$\frac{1}{2}$ doz.	0	10
103a.	"	" " 9"	"	1	2
103b.	"	" " 12"	"	1	3
103c.	"	" " 4 $\frac{1}{2}$ "	"	0	9
103d.	"	" " 3"	"	0	7
103e.	"	" " 3"	"	0	6
103f.	"	" " 2 $\frac{1}{2}$ "	"	0	5
103g.	"	" " 2"	"	0	4
103h.	"	" " 1 $\frac{1}{2}$ "	"	0	4
103k.	"	" " 7 $\frac{1}{2}$ "	"	1	0
104.		Shuttles, for looms ...	each	5	0
105.		Reed Hooks, for looms ...	"	0	4
106.		Wood Rollers ...	"	1	6
106a.		Sand Rollers ...	"	1	9
107.		Tables for Designing Machines ...	"	1	6
108.		Architraves ...	"	0	2
109.		Face Plates, 21" diam. ...	"	0	4
110.		Rack Strips, 3 $\frac{1}{2}$ " ...	"	0	2
110a.		" " 6 $\frac{1}{2}$ " ...	"	0	3
111.		Bolts, 1 $\frac{1}{2}$ " ...	2 for	0	1
111a.		" " 1 $\frac{1}{2}$ " ...	3 for	0	1
111c.		" " 1 $\frac{1}{2}$ " ...	doz.	0	3
113.		Girder Frames ...	each	0	3
114.		Hinges ...	per pair	0	4
115.		Threaded Pins ...	each	0	2
116.		Fork Pieces, Large ...	"	0	3
116a.		" Small ...	"	0	3
117.		Steel Balls, 1 $\frac{1}{2}$ " diam. ...	doz.	0	6
118.		Hub Discs, 5 $\frac{1}{2}$ " ...	each	1	3
119.		Channel Segments (8 to circle, 11 $\frac{1}{2}$ " diam.) ...	"	0	4
120.		Buffers ...	"	0	2
120a.		Spring Buffers ...	per pair	0	8
120b.		Compression Springs ...	each	0	1
121.		Train Couplings ...	"	0	2
122.		Miniature Loaded Sacks ...	"	0	2
123.		Cone Pulleys ...	"	1	3
124.		Reversed Angle Brackets, 1 $\frac{1}{2}$ " ...	$\frac{1}{2}$ doz.	0	4
125.		" " 1 $\frac{1}{2}$ " ...	"	0	3
126.		Trunnions ...	each	0	2
126a.		Flat Trunnions ...	"	0	1
127.		Simple Bell Cranks ...	"	0	1
128.		Boss Bell Cranks ...	"	0	1

No.	Quantity	Unit	s.	d.
129.	Rack Segments, 3" diam.	each	0	5
130.	Eccentrics, Triple Throw	"	1	0
131.	Dredger Buckets	$\frac{1}{2}$ doz.	1	0
132.	Flywheels, 2 $\frac{1}{2}$ " diam.	each	2	0
133.	Corner Brackets	"	0	1
134.	Crank Shafts, 1" stroke	"	0	2
135.	Theodolite Protractors	"	0	3
136.	Handrail Supports	"	0	3
137.	Wheel Flanges	"	0	3
138.	Ships' Funnels	"	0	3
*138a.	" (Raked)	"	0	0
139.	Flanged Brackets (right)	"	0	2
139a.	" (left)	"	0	2
140.	Universal Couplings	"	0	10
141.	Wire Lines (for suspending clock weights)	"	0	9
142.	Rubber Rings, 3" rim	"	0	3
142a.	Dunlop Tyre to fit 2" diam. rim ...	2 for each	0	9
142b.	" " 3" "	"	0	6
142c.	" " 1 $\frac{1}{2}$ " "	"	0	3
142d.	" " 1 $\frac{1}{2}$ " "	"	0	4
143.	Circular Girders, 5 $\frac{1}{2}$ " diam.	"	1	0
144.	Dog Clutches	"	0	6
145.	Circular Strips, 7 $\frac{1}{2}$ " diam. over all ...	"	0	9
146.	Plates, 6"	"	1	0
147.	Pawls, with pivot bolt and nuts... ..	"	0	3
147a.	Pawls	"	0	2
147b.	Pivot Bolt with 2 nuts	"	0	2
148.	Ratchet Wheels	"	0	6
149.	Collecting Shoes, for Electric Loco ...	"	1	6
150.	Crane Grabs	"	0	7
151.	Pulley Blocks, Single Sheave	"	0	8
152.	" Two	"	0	9
153.	" Three	"	1	0
154a.	Corner Angle Brackets, $\frac{1}{2}$ " right hand	$\frac{1}{2}$ doz.	0	6
154b.	Corner Angle Brackets, $\frac{1}{2}$ " left hand ...	"	0	6
155.	Rubber Rings, $\frac{1}{2}$ "	each	0	1
156.	Pointers, 21" over all, with boss ...	"	0	4
157.	Fans, 2" diam.	"	0	4
158a.	Signal Arms, Home	"	0	5
158b.	" Distant	"	0	5
159.	Circular Saws	"	1	0
160.	Channel Bearings, 1 $\frac{1}{2}$ " x 1" x $\frac{1}{2}$ " ...	"	0	2
161.	Girder Brackets, 2 $\frac{1}{2}$ " x 1" x $\frac{1}{2}$ " ...	2 for	0	3
162.	Boiler complete with ends	each	1	0
162a.	" ends	"	0	3
162b.	" without ends	"	0	6
163.	Sleeve Pieces	per pair	0	6
164.	Chimney Adaptors	each	0	2
165.	Swivel Bearings	"	0	6
166.	End	"	0	3
167.	Geared Roller Bearings	"	20	0
167a.	Roller Races, geared, 192 teeth ...	"	4	6
167b.	Ring Frames for Rollers	"	3	0
167c.	Pinions for Roller Bearings, 16 teeth ...	"	1	0
168.	Ball Bearings, 4" diam.	"	3	0
168a.	" Races, flanged disc	"	0	6
168b.	" toothed	"	0	9
168c.	" Casings, complete with balls ...	"	1	9
169.	Digger Buckets	"	2	0
170.	Eccentrics, $\frac{1}{2}$ " throw	"	0	9
171.	Socket Couplings	"	0	9
172.	Pendulum Connection	"	0	6
173.	Rail and Strip Connector	per pair	0	6

* 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.

76 109 53 146 77

54 52 72

134

64

156

121

116A

144

165

130

19s

171

17

170

63

63A

140

63B

63C

136

121

62

80A

62B

127

116

[illegible]



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



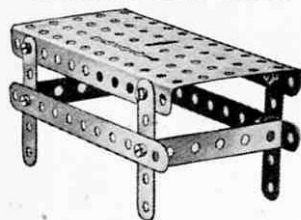
RECRUITING MEDALLION



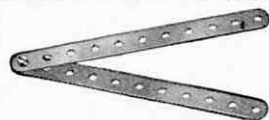
SPECIAL MERIT MEDALLION

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

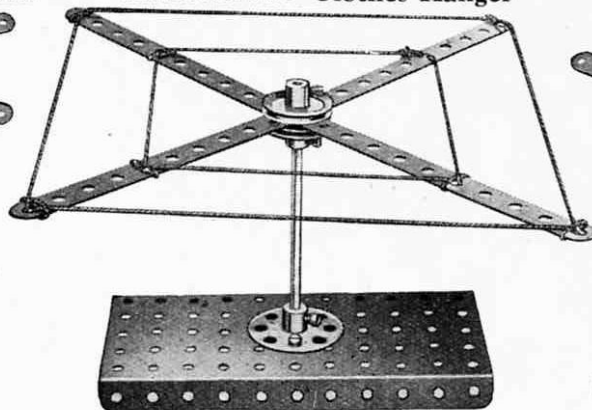
Model No. 00.1 Table



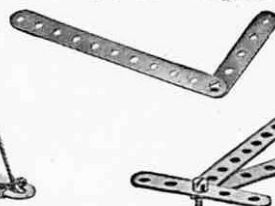
Model No. 00.3 Dividers



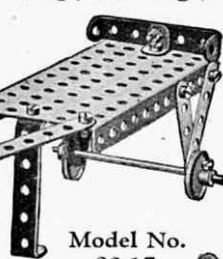
Model No. 00.8 Clothes Hanger



Model No. 00.12
Carpenter's Square



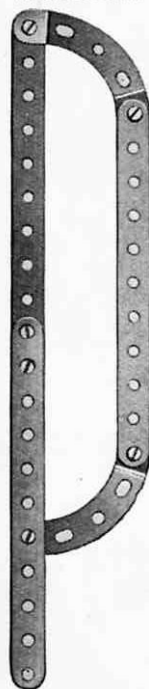
Model No. 00.16
Shipyard Bogie



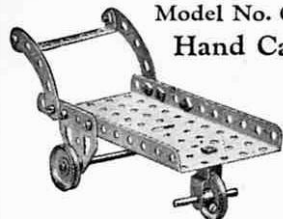
Model No. 00.4
Bench



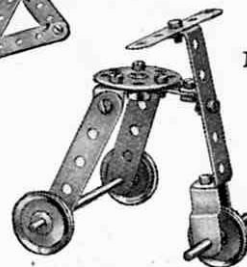
Model No. 00.2
Meat Saw



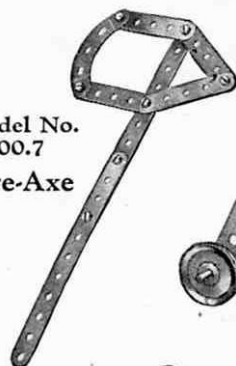
Model No. 00.5
Hand Cart



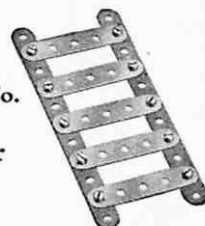
Model No. 00.9
Velocipede



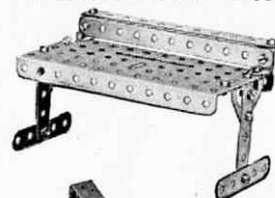
Model No.
00.7
Fire-Axe



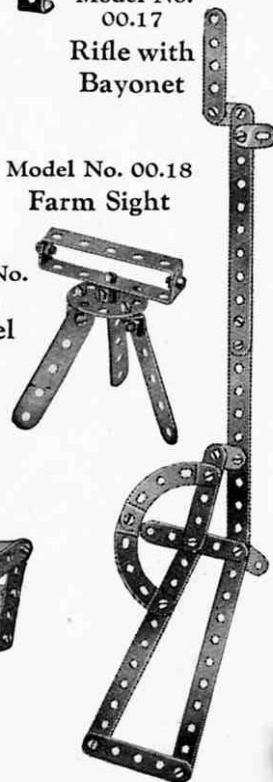
Model No.
00.10
Ladder



Model No. 00.13 Desk



Model No.
00.17
Rifle with
Bayonet



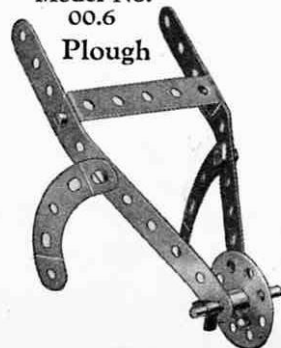
Model No. 00.18
Farm Sight



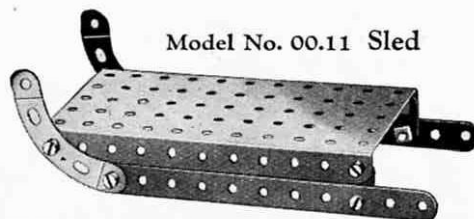
Model No.
00.14
Trowel



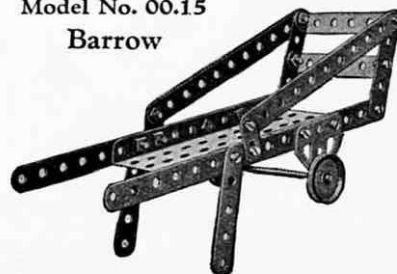
Model No.
00.6
Plough



Model No. 00.11 Sled



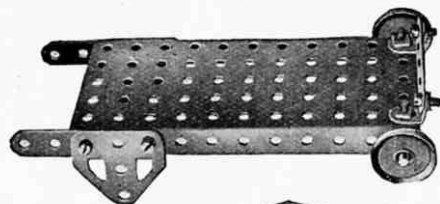
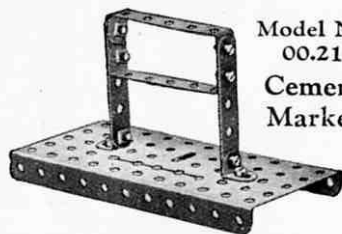
Model No. 00.15
Barrow



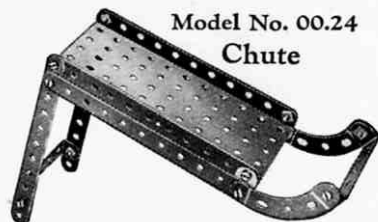
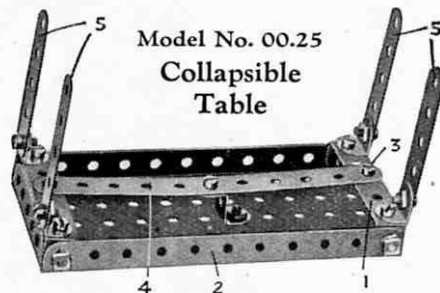
All these Models can be built with MECCANO Outfit No. 00

5

Model No. 00.19 Flat Truck

Model No.
00.20
SpadeModel No.
00.21
Cement
Marker

Model No. 00.22 Motor Boat

Model No.
00.23Plasterer's
HawkModel No. 00.24
ChuteModel No. 00.25
Collapsible
Table

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.

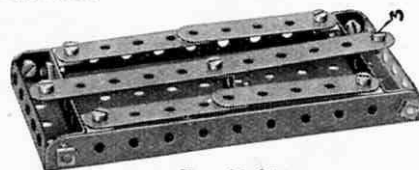
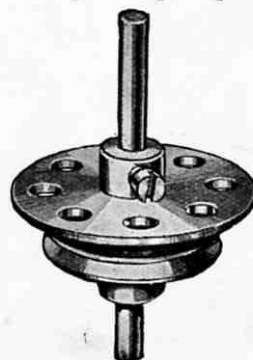
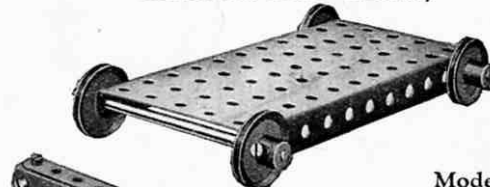
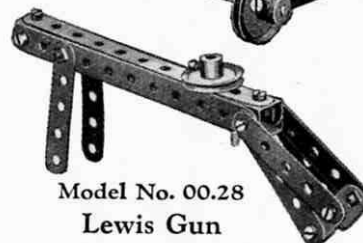
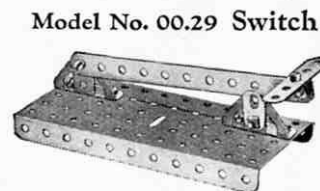
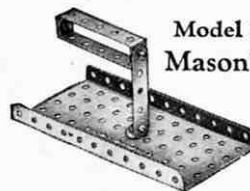
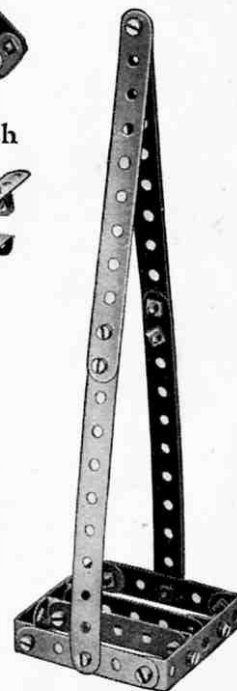


FIG. 00.25A

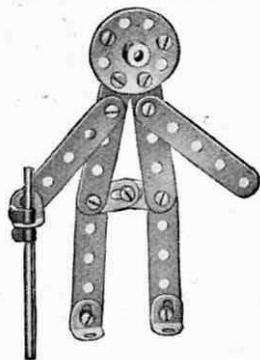
Model No. 00.26
Spinning Top

Model No. 00.27 Trolley

Model No.
00.32
Potato
ChopperModel No. 00.28
Lewis GunModel No. 00.30
Mason's TrowelModel No. 00.31
Baggage Cart

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

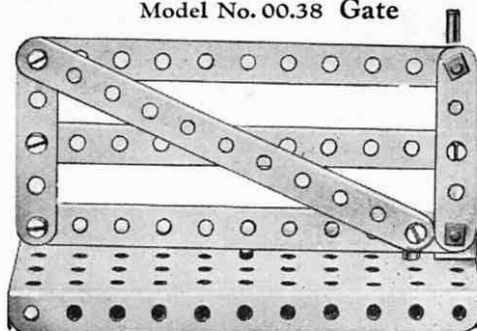
Model No. 00.33
Meccano Man



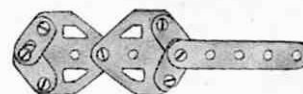
Model No. 00.36
Cannon



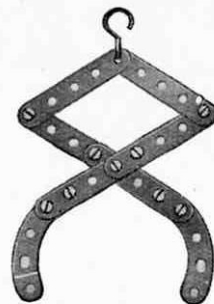
Model No. 00.38 Gate



Model No. 00.42
Violin



Model No. 00.44
Friction Grip Tong



Model No.
00.37
Birdcage
and
Stand



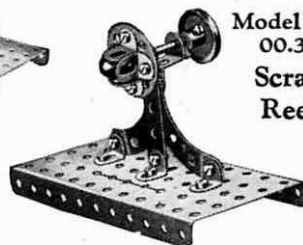
Model No. 00.43
Clothes Horse



Model No. 00.34
Track Gauge



Model No.
00.39
Scrap
Reel



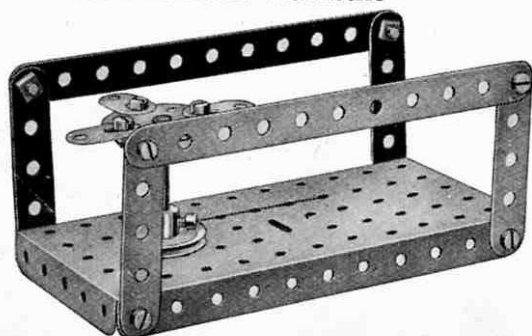
Model No.
00.40
Bed



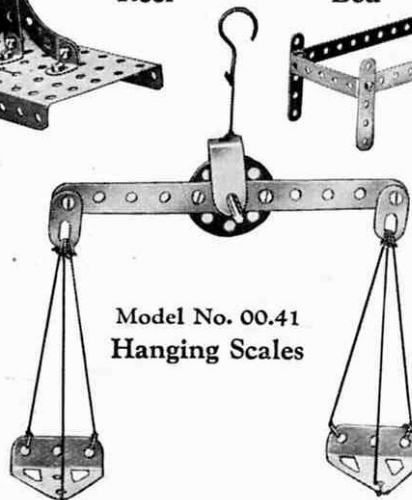
Model No. 00.45
Rake



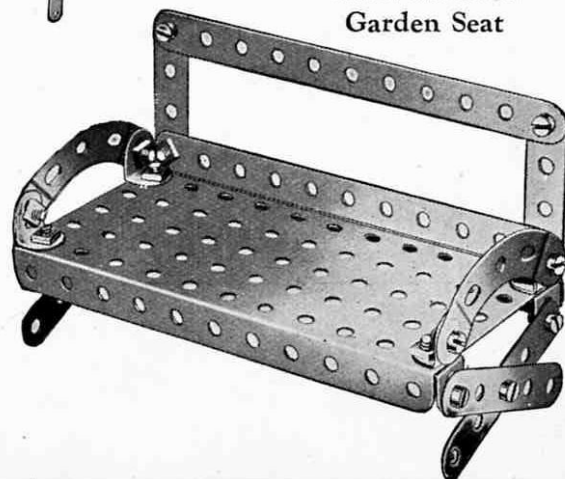
Model No. 00.35 Turnstile



Model No. 00.41
Hanging Scales

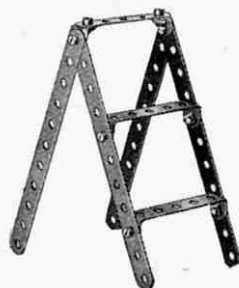


Model No. 00.46
Garden Seat



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

Model No. 00.47
Step Ladder



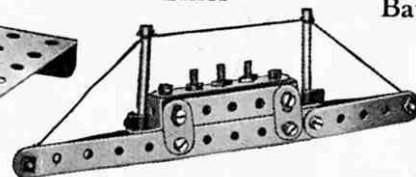
Model No. 00.50
Crib



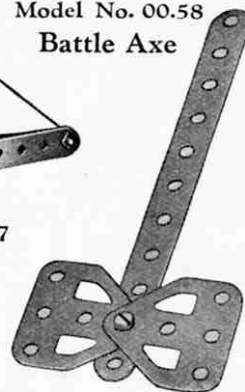
Model No. 00.53 Table



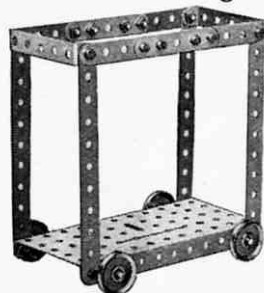
Model No. 00.55
Liner



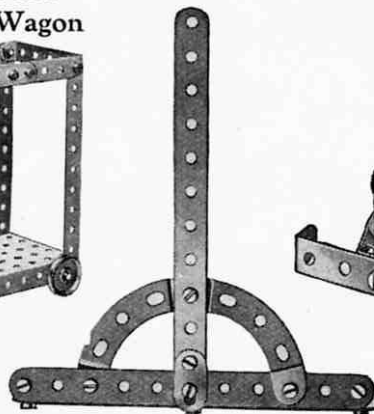
Model No. 00.58
Battle Axe



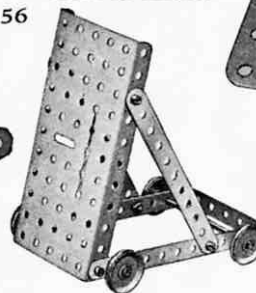
Model No. 00.51
Refreshment Wagon



Model No. 00.52
Rake



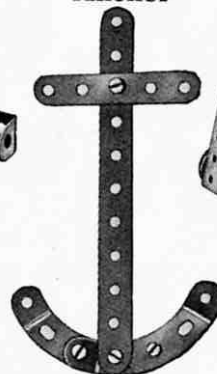
Model No. 00.57
Gravel Sifter



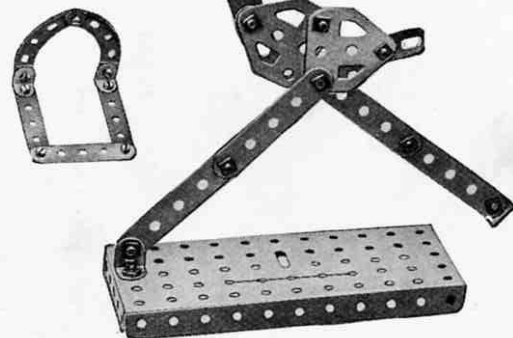
Model No. 00.48
Ostrich



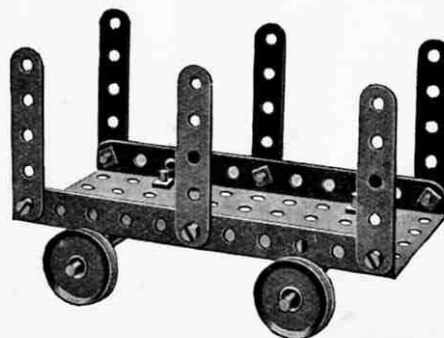
Model No. 00.56
Anchor



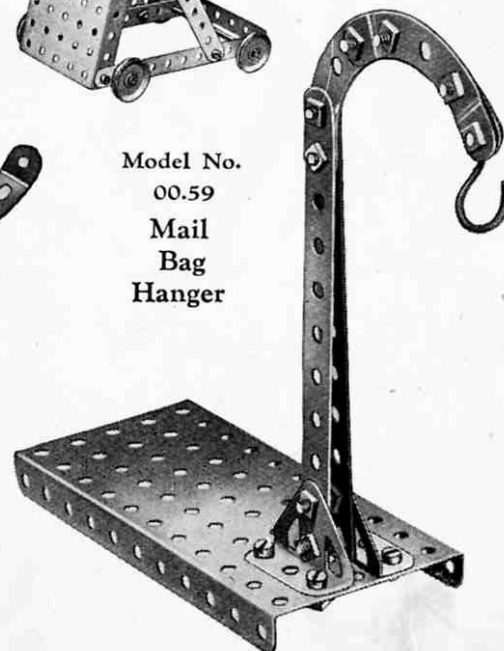
Model No. 00.49
Book End



Model No. 00.54 Timber Truck

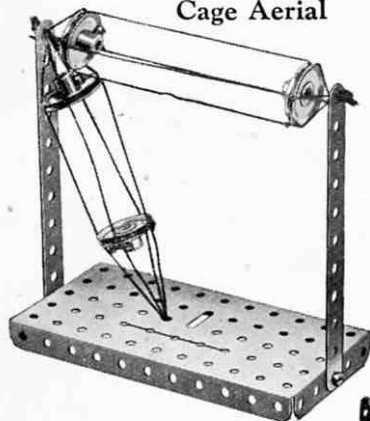


Model No.
00.59
Mail
Bag
Hanger

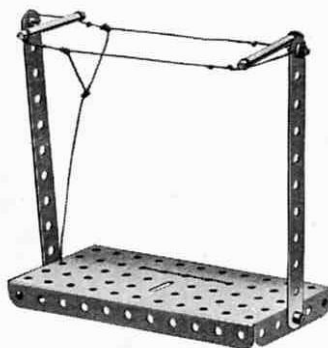


All these Models can be built with MECCANO Outfit No. 00

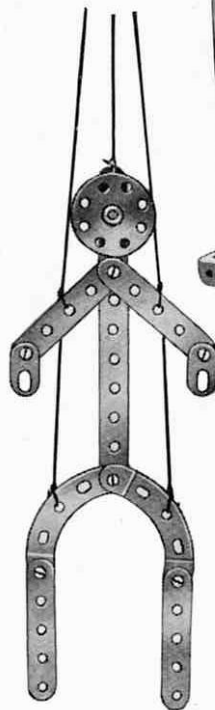
Model No. 00.60
Cage Aerial



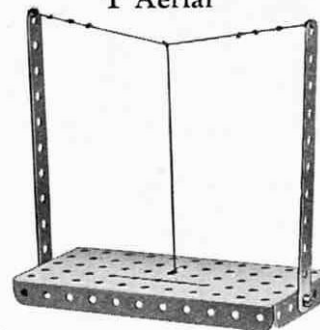
Model No. 00.62 Double Wire
L Aerial



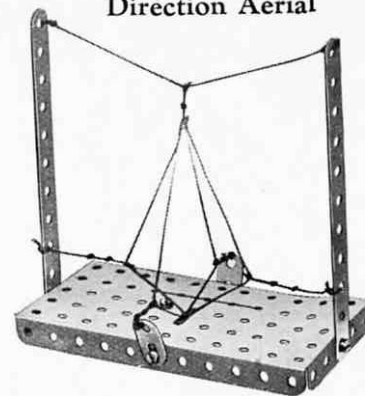
Model No. 00.64
Jumping Jack



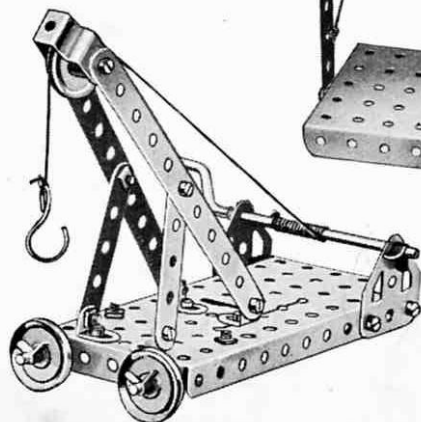
Model No. 00.66
Single Wire
T Aerial



Model No. 00.68
Direction Aerial



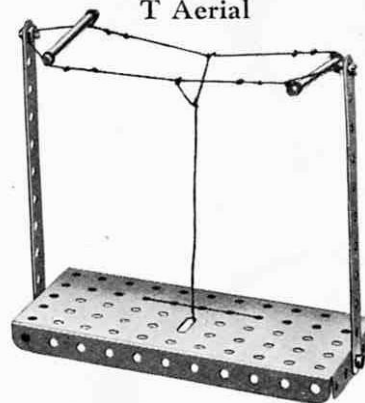
Model No. 00.61
Revolving Crane



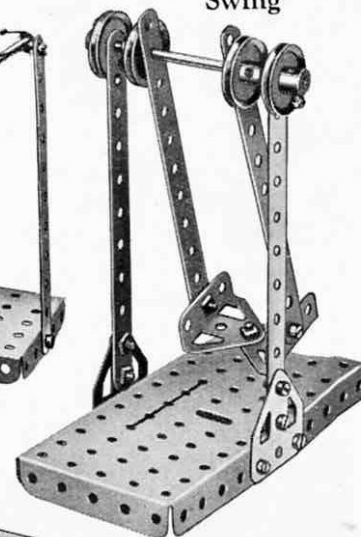
Model No. 00.63
Single Wire
L Aerial



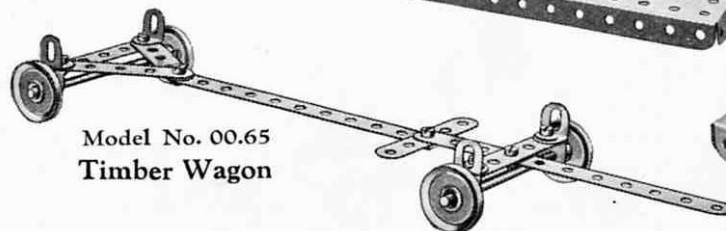
Model No. 00.67
Double Wire
T Aerial



Model No. 00.69
Swing

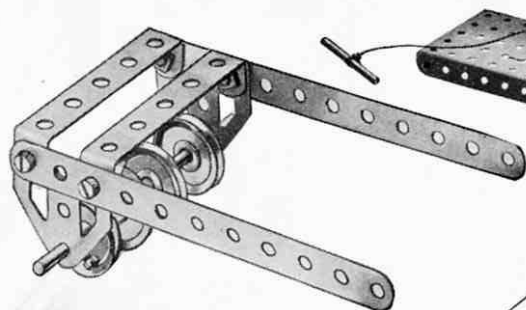


Model No. 00.65
Timber Wagon



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

Model No. 00.70 Field Roller



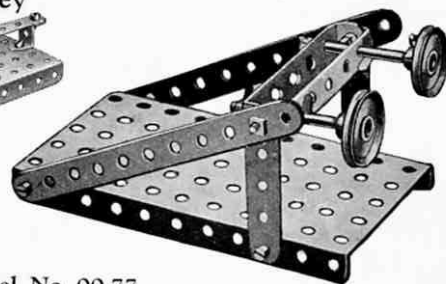
Model No. 00.73 Cheese Cutter



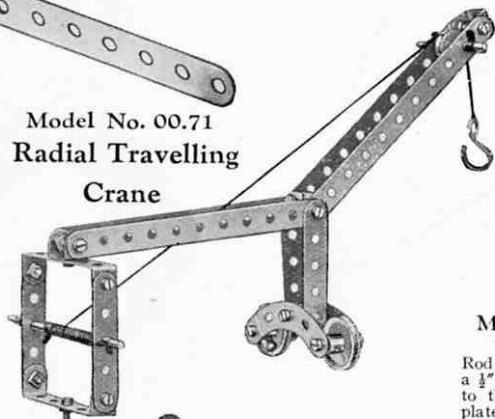
Model No. 00.76 Telegraph Key



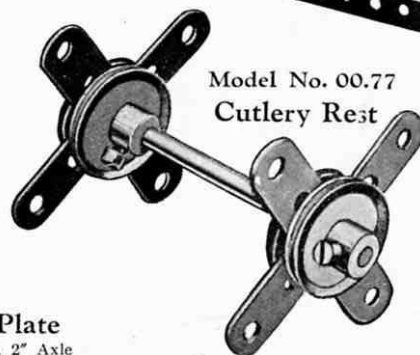
Model No. 00.79 Buffers



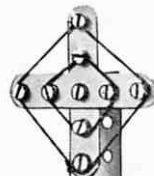
Model No. 00.71 Radial Travelling Crane



Model No. 00.77 Cutlery Rest

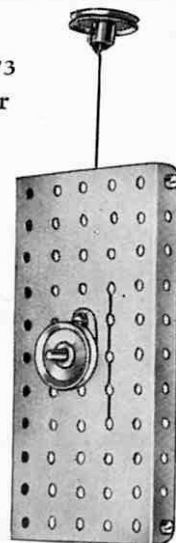


Model No. 00.80 Frame Aerial

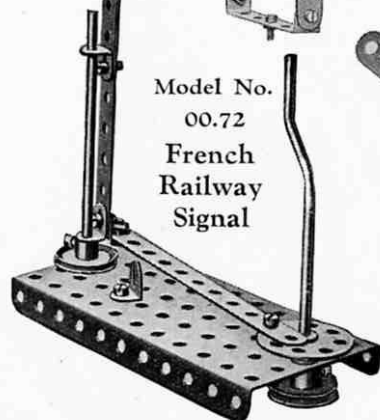


Model No. 00.74 Magic Plate

The cord is wound once round a 2" Axle Rod that is journaled 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.



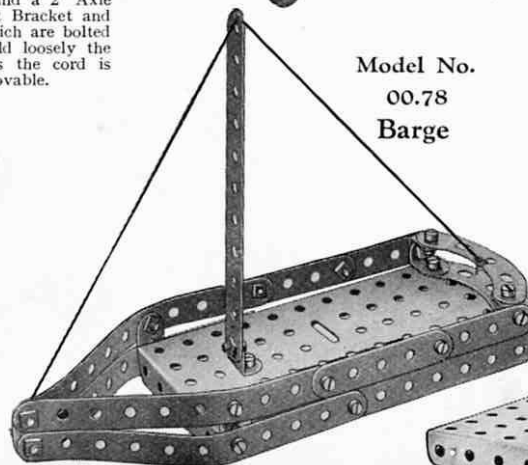
Model No. 00.72 French Railway Signal



Model No. 00.75 Print Trimmer

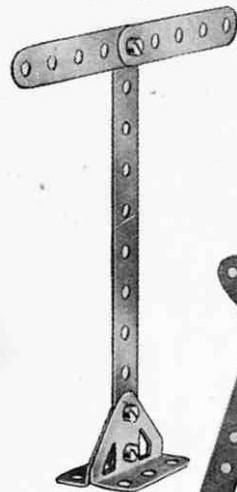


Model No. 00.78 Barge



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

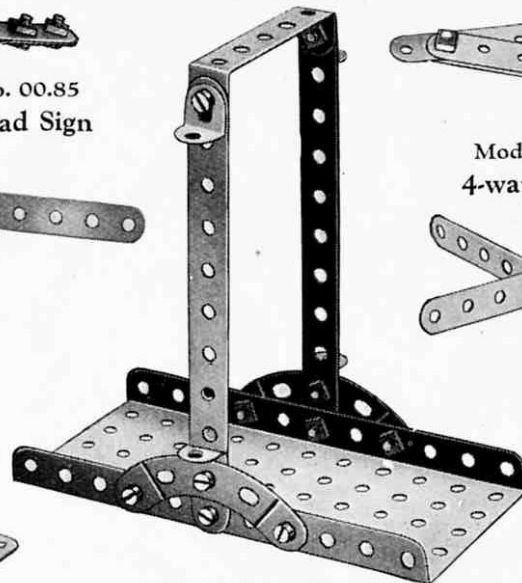
Model No. 00.81
2-way Sign Post



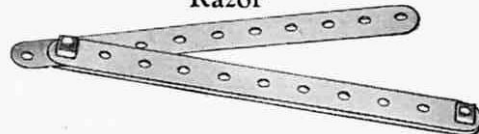
Model No. 00.83 Tweezers



Model No. 00.88
Elevator Car



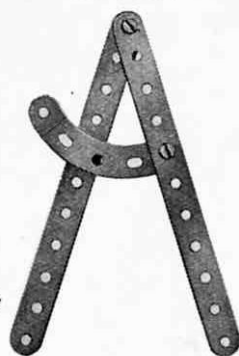
Model No. 00.90
Razor



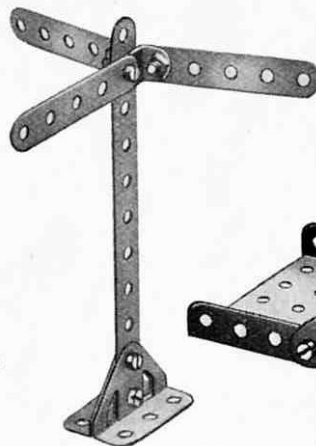
Model No. 00.94
Road Sign



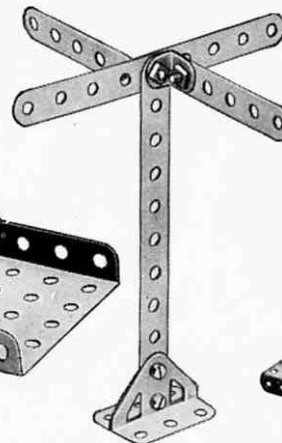
Model No.
00.84
Dividers



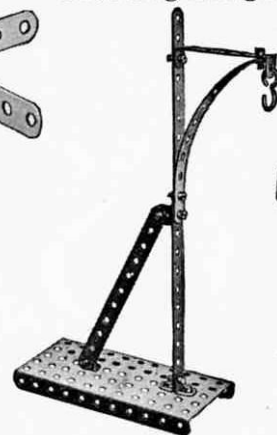
Model No. 00.85
3-way Road Sign



Model No. 00.91
4-way Road Sign



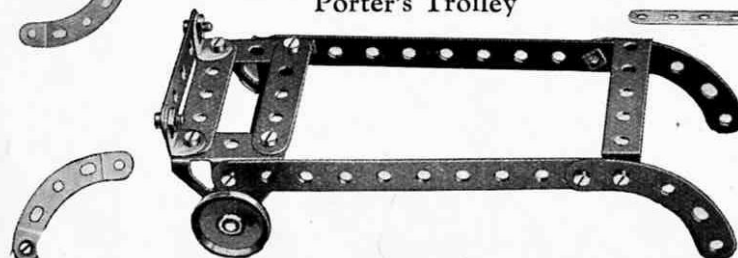
Model No. 00.92
Mail Bag Hanger



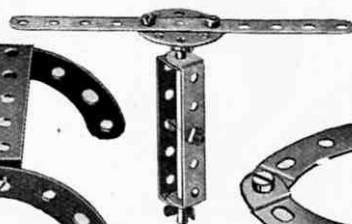
Model No. 00.82
Tin Opener



Model No. 00.86
Porter's Trolley



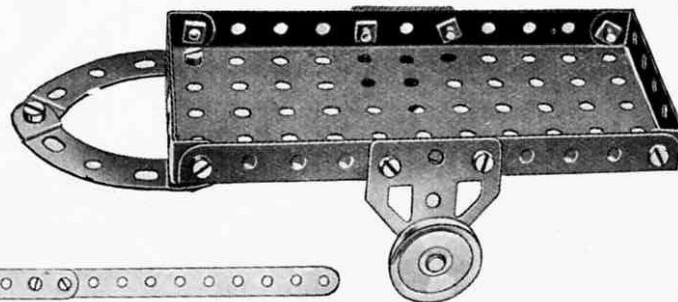
Model No. 00.89
Propeller



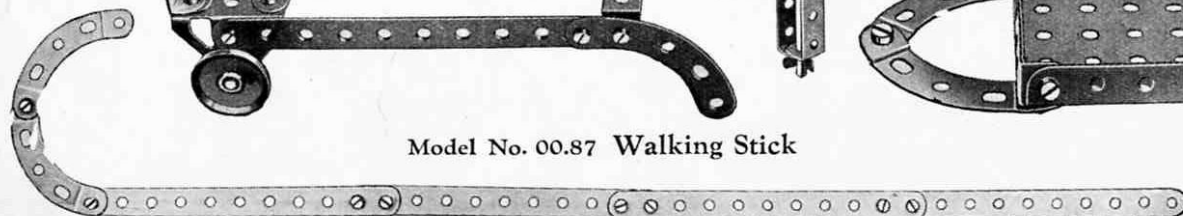
Model No.
00.95
Street
Lamp



Model No. 00.93 Hand Truck

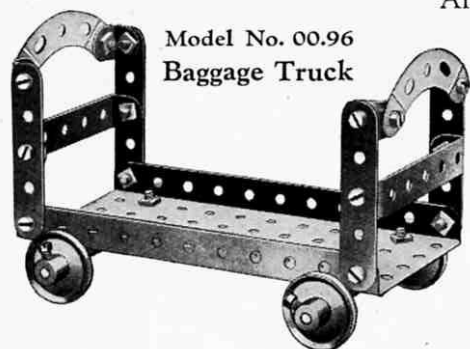


Model No. 00.87 Walking Stick



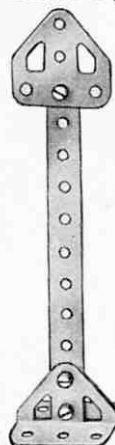
All these Models can be built with MECCANO Outfit No. 00

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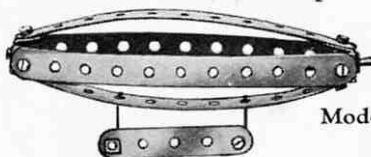


Model No. 00.96
Baggage Truck

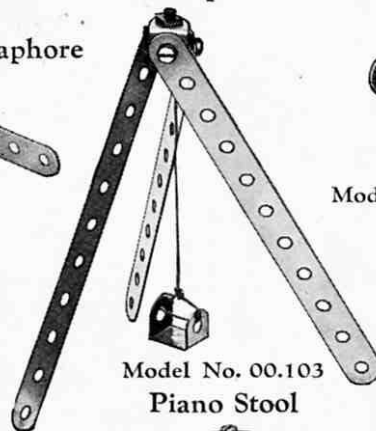
Model No. 00.99
Road Sign



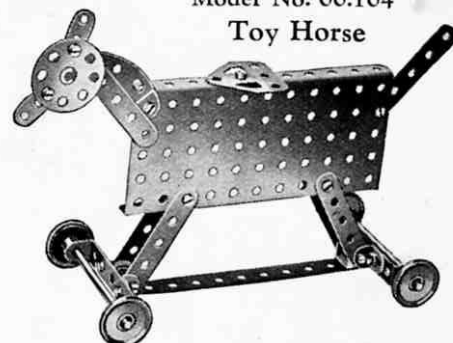
Model No. 00.100 Airship



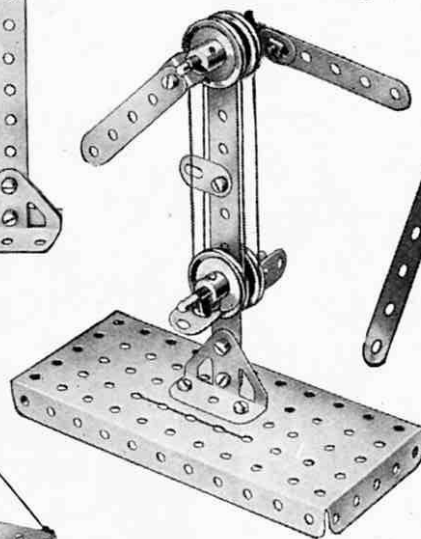
Model No. 00.102
Tripod



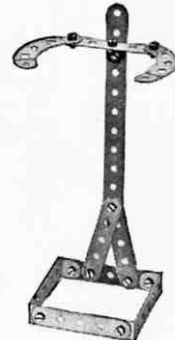
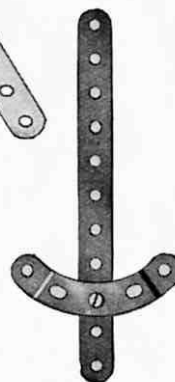
Model No. 00.104
Toy Horse



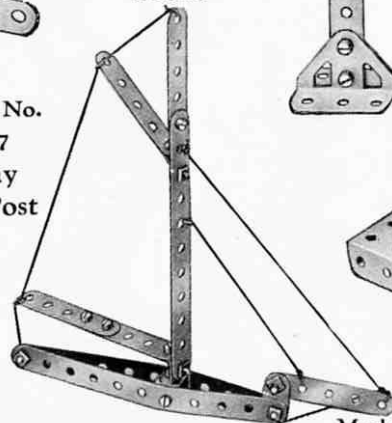
Model No. 00.101 Semaphore



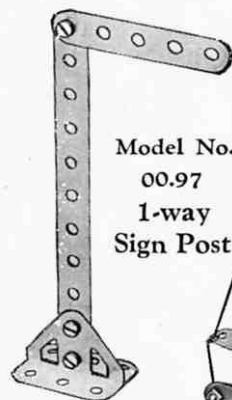
Model No. 00.105 Sword
Model No. 00.106 Umbrella Stand



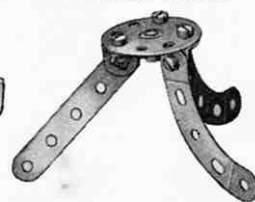
Model No. 00.98
Yacht



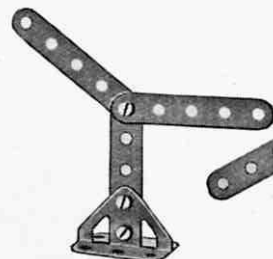
Model No.
00.97
1-way
Sign Post



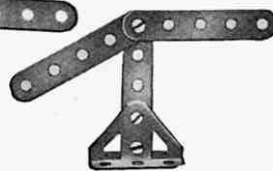
Model No. 00.103
Piano Stool



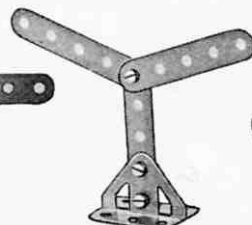
Models Nos. 00.107—00.114 Gradient Indicators



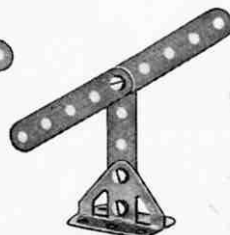
00.107



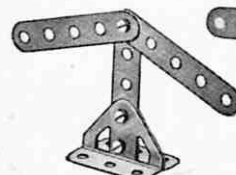
00.108



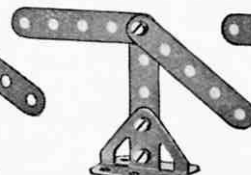
00.109



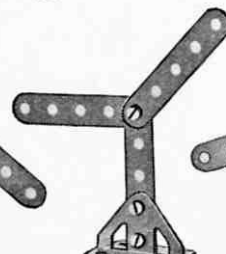
00.110



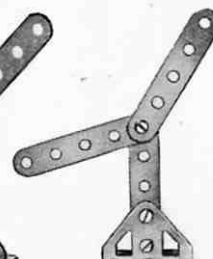
00.111



00.112



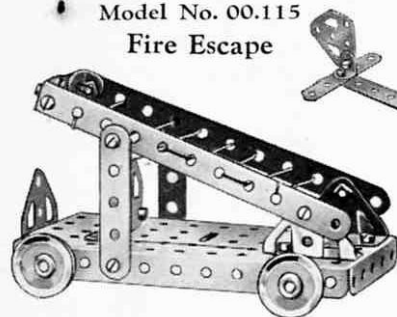
00.113



00.114

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

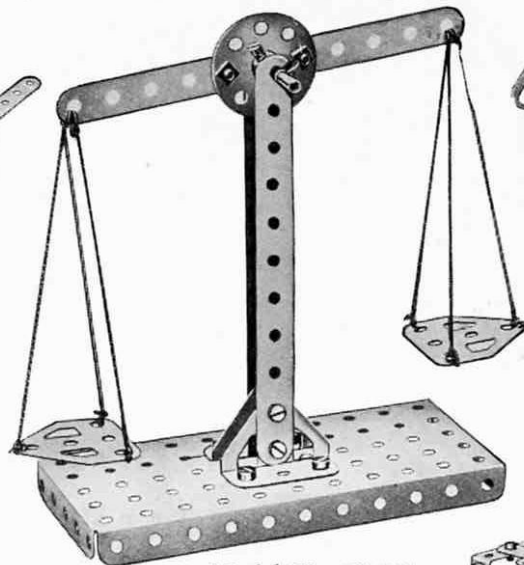
Model No. 00.115
Fire Escape



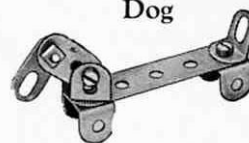
Model No. 00.117
Glider



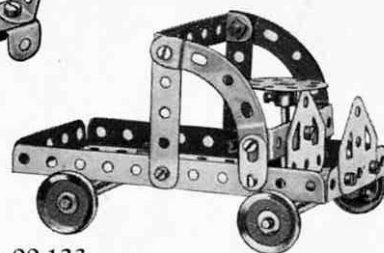
Model No. 00.120 Scales



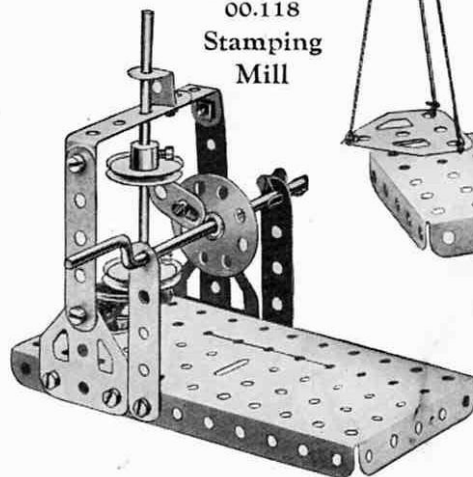
Model No. 00.122
Dog



Model No. 00.125
Motor Car



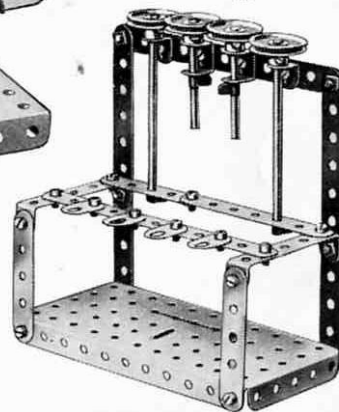
Model No.
00.118
Stamping
Mill



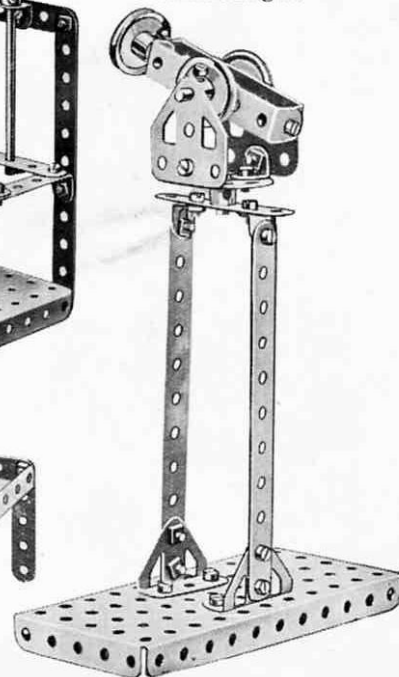
Model No. 00.116
Telegraph Pole



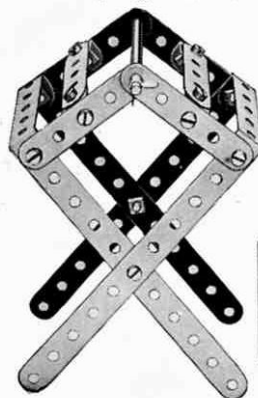
Model No. 00.123
Organ



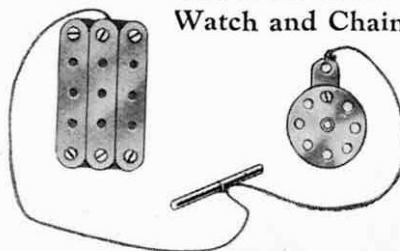
Model No. 00.126
Searchlight



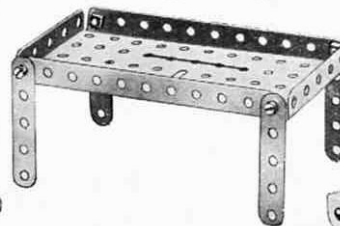
Model No. 00.121
Clothes
Drying Frame



Model No. 00.119
Watch and Chain

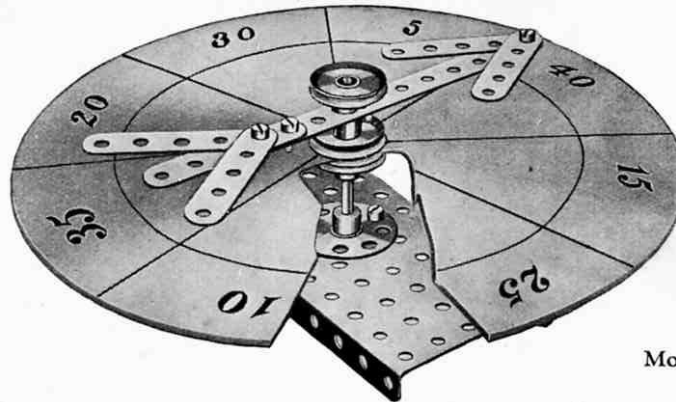


Model No. 00.124
Drinking Trough



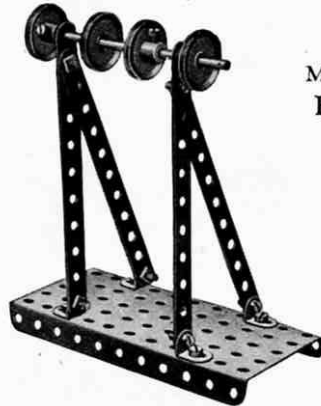
All these Models can be built with MECCANO Outfit No. 00

Model No. 00.132 Roulette Wheel

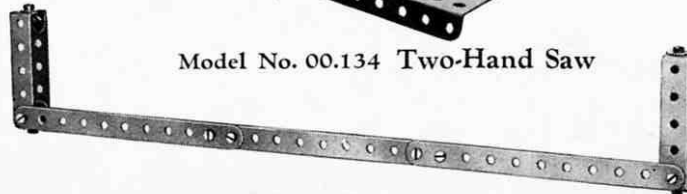


Cut out a circular piece of cardboard and mark as shown to form scoring board. This is clamped between two 1" Pulley Wheels. The pointer revolves freely on the upright spindle and is held in position by another 1" Pulley Wheel.

Model No. 00.133 Pulley Shafting



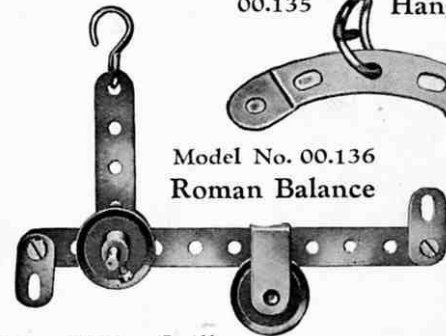
Model No. 00.134 Two-Hand Saw



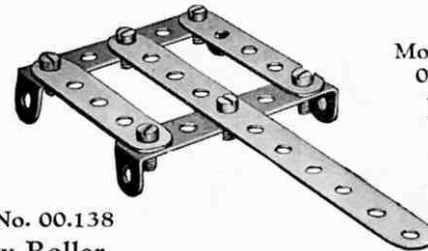
Model No. 00.135 Coat Hanger



Model No. 00.136 Roman Balance



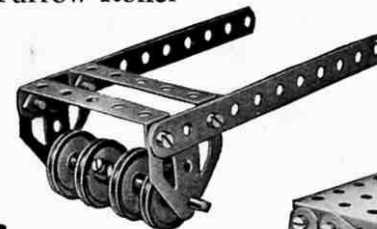
Model No. 00.137 Grill



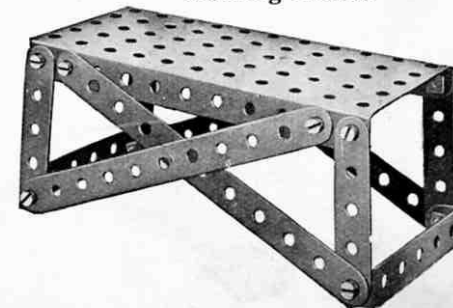
Model No. 00.139 Hoe



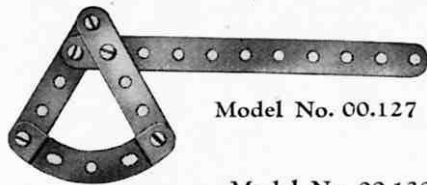
Model No. 00.138 Furrow Roller



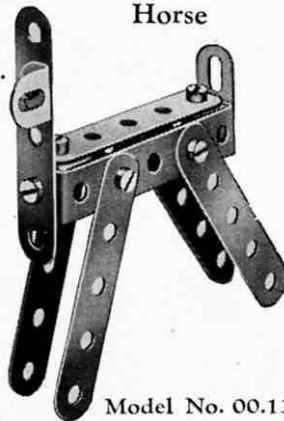
Model No. 00.140 Planing Bench



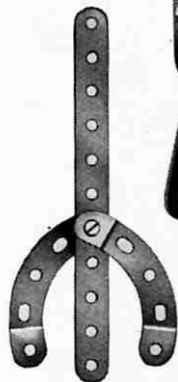
Model No. 00.127 Axe



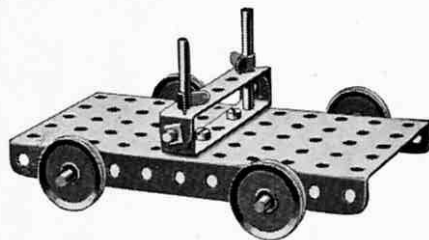
Model No. 00.130 Horse



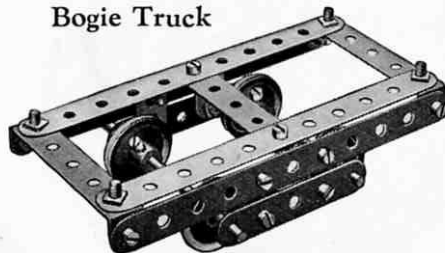
Model No. 00.128 Fork



Model No. 00.131 Lumber Truck

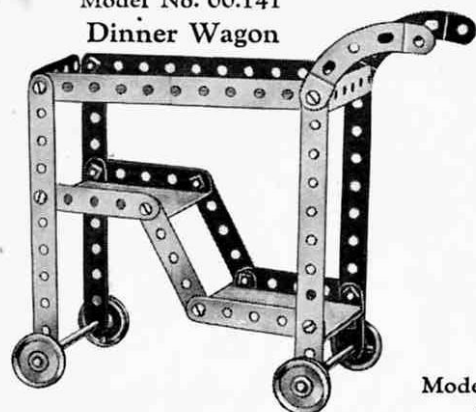


Model No. 00.129 Bogie Truck

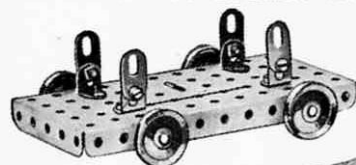


All these Models can be built with MECCANO Outfit No. 00

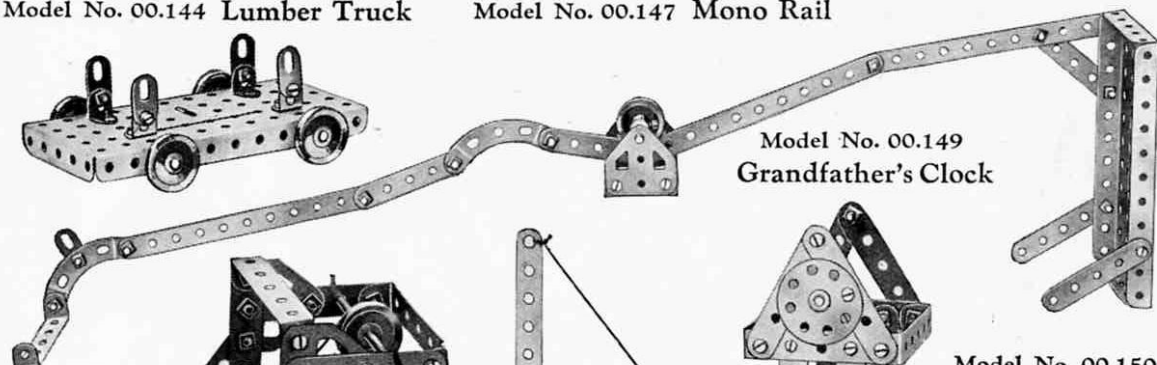
Model No. 00.141
Dinner Wagon



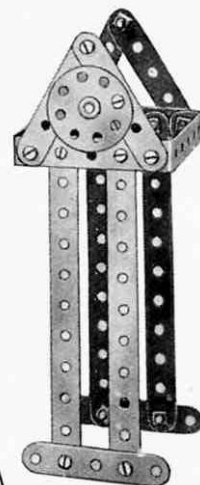
Model No. 00.144 Lumber Truck



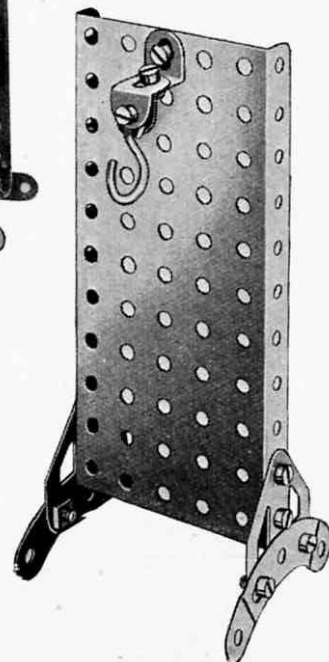
Model No. 00.147 Mono Rail



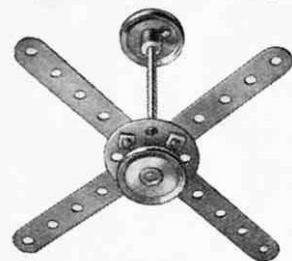
Model No. 00.149
Grandfather's Clock



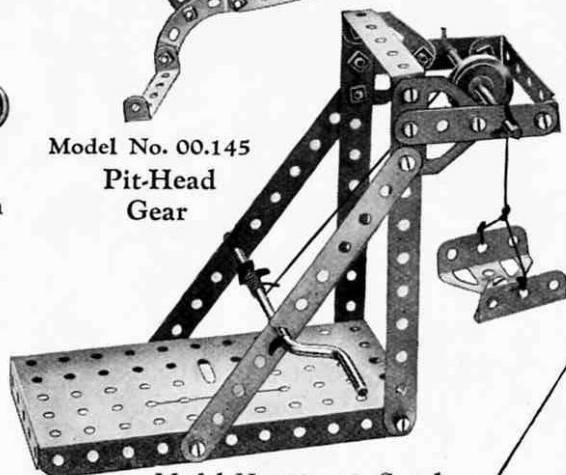
Model No. 00.150
Watch Stand



Model No. 00.142 Ceiling Fan



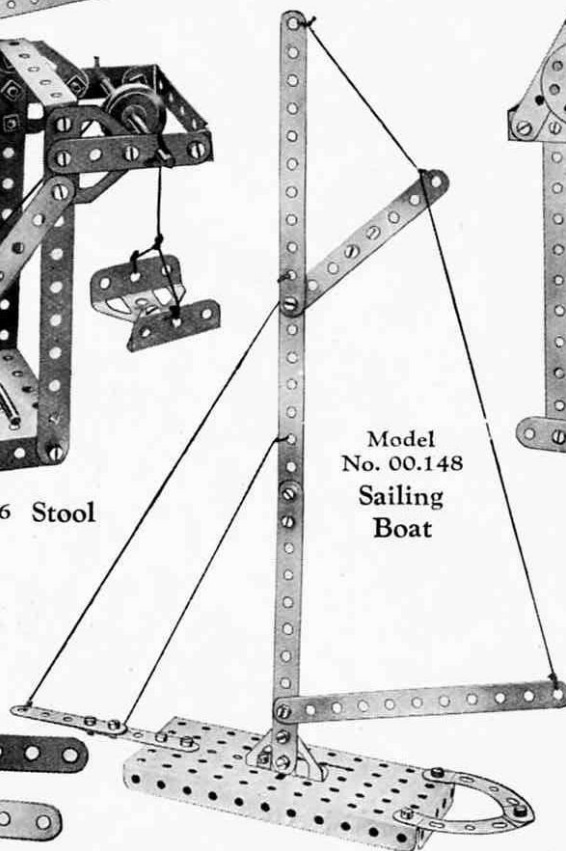
Model No. 00.145
Pit-Head
Gear



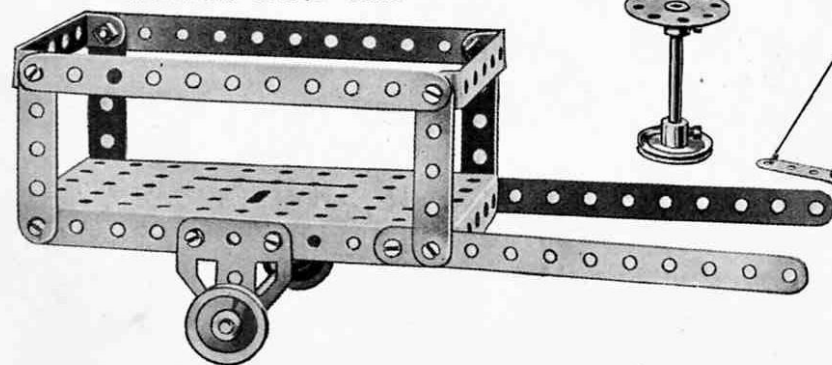
Model No. 00.146 Stool



Model
No. 00.148
Sailing
Boat



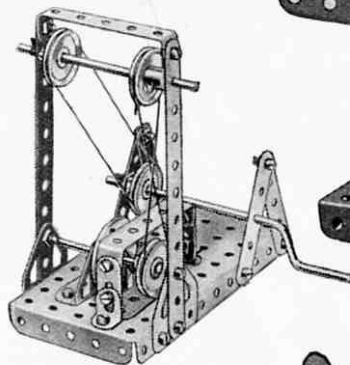
Model No. 00.143 Cart



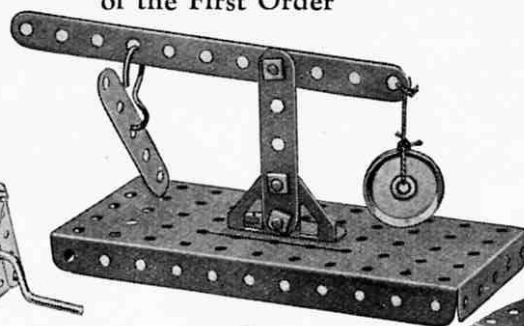
All these Models can be built with MECCANO Outfit No. 00

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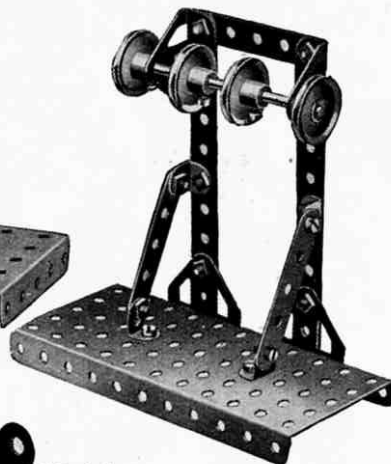
Model No. 00.151
Circular Saw



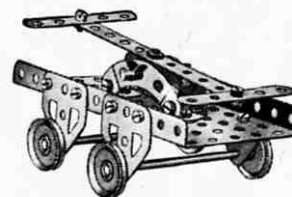
Model No. 00.154 Lever
of the First Order



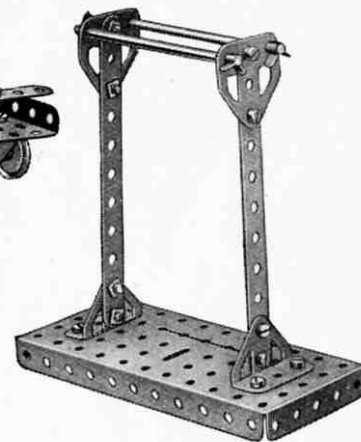
Model No. 00.156 Pulley Shafting



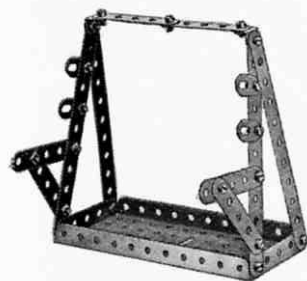
Model No. 00.159
Hand Car



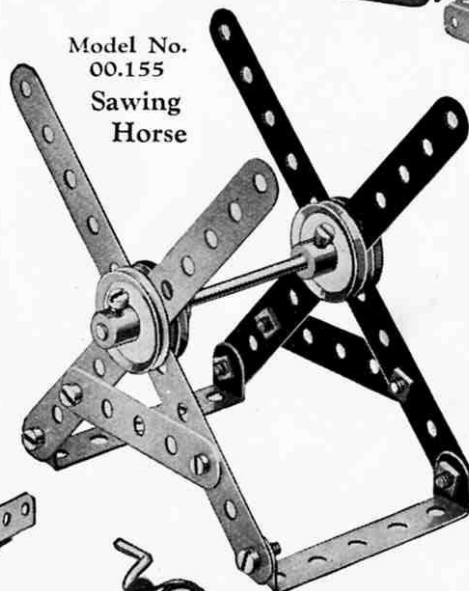
Model No. 00.161
Towel Horse



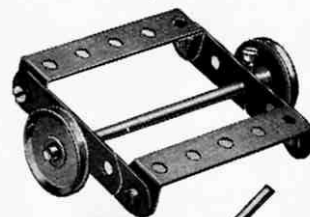
Model No. 00.152
Pen Rack



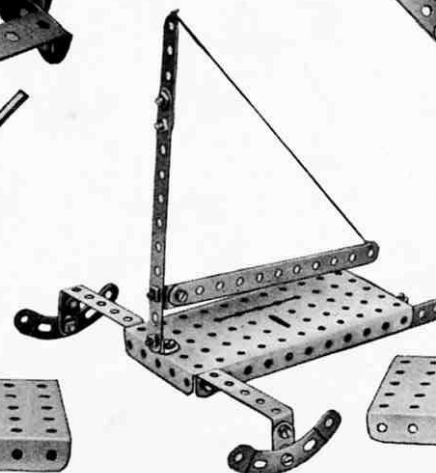
Model No.
00.155
Sawing
Horse



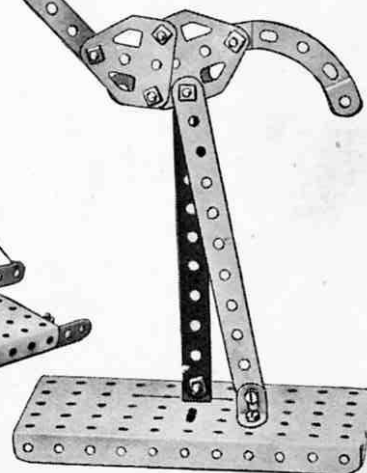
Model No. 00.157
Trolley



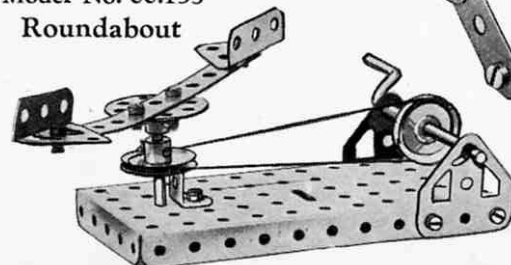
Model No. 00.160
Ice Yacht



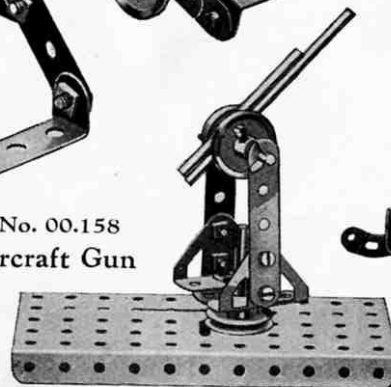
Model No. 00.162
Prehistoric Bird



Model No. 00.153
Roundabout

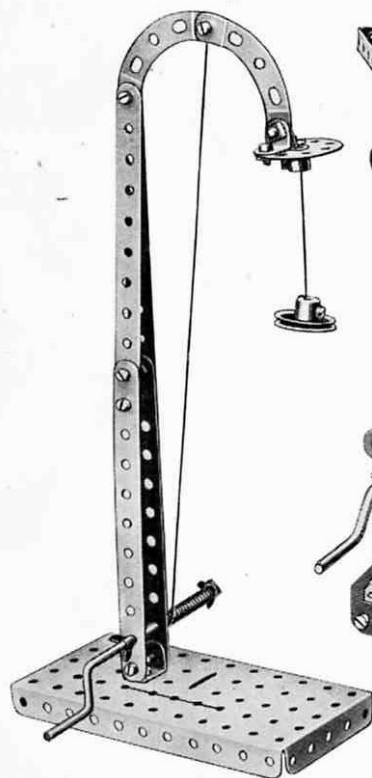


Model No. 00.158
Anti-Aircraft Gun



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

Model No. 00.163
Arc Lamp



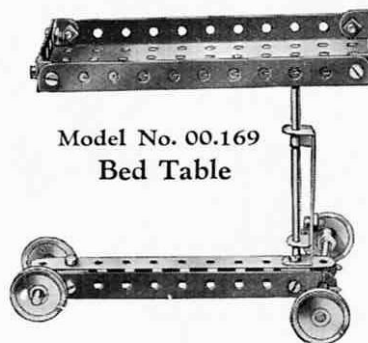
Model No. 00.165
Tea Wagon



Model No. 00.167
Windmill

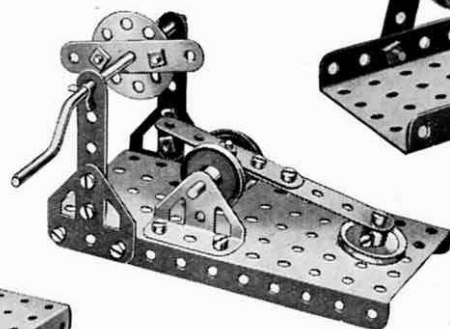


Model No. 00.171
Airship Mooring Mast

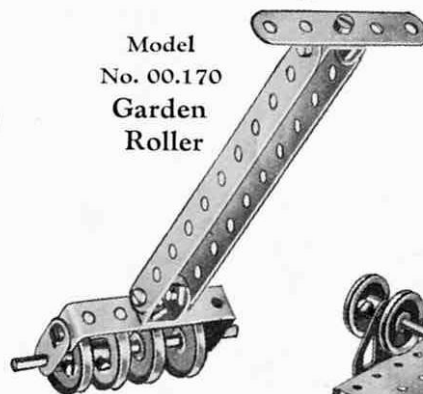


Model No. 00.169
Bed Table

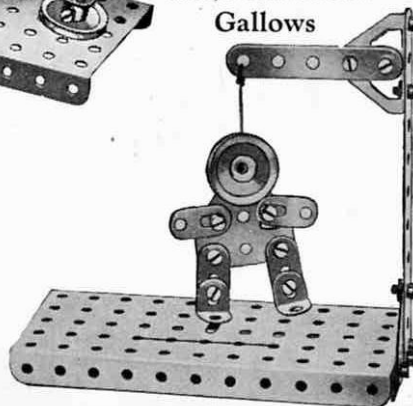
Model No. 00.166
Trip Hammer



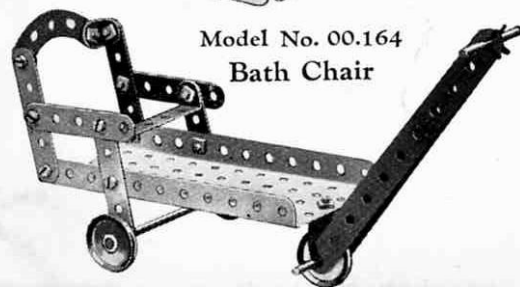
Model
No. 00.170
Garden
Roller



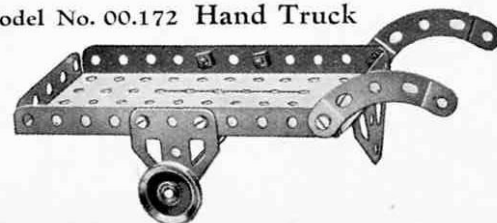
Model No. 00.168
Gallows



Model No. 00.164
Bath Chair



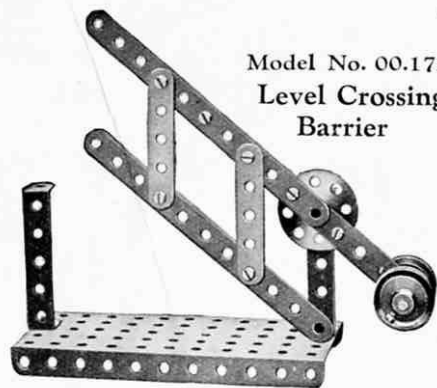
Model No. 00.172 Hand Truck



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

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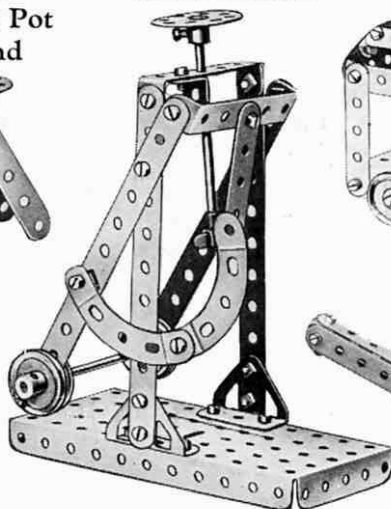
Model No. 00.173
Level Crossing
Barrier



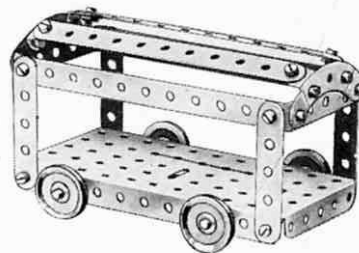
Model No.
00.175
Flower Pot
Stand



Model No. 00.177
Letter Balance

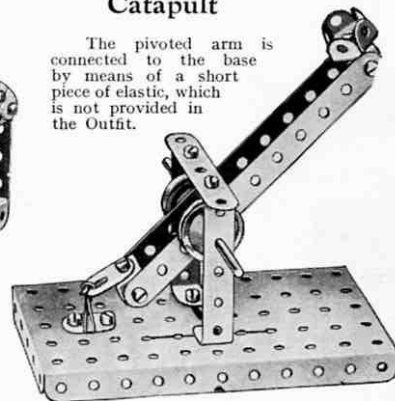


Model No. 00.179
Pullman Car

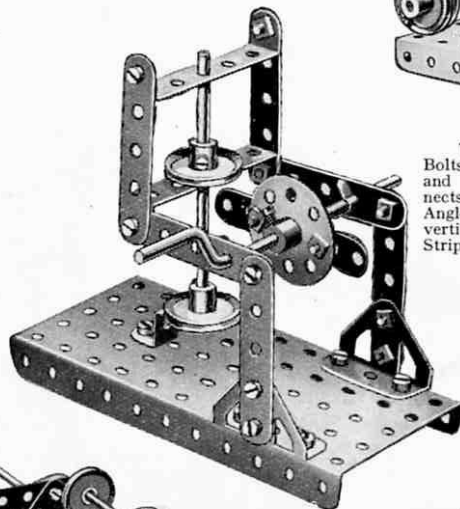


Model No. 00.181
Catapult

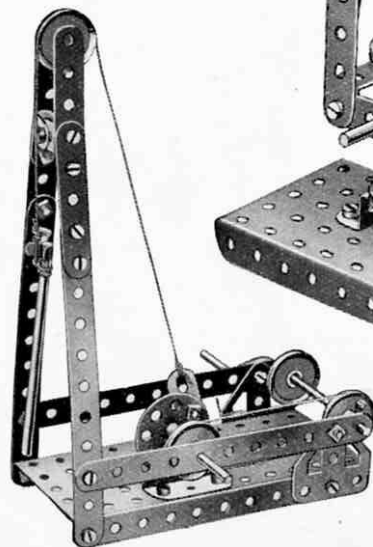
The pivoted arm is connected to the base by means of a short piece of elastic, which is not provided in the Outfit.



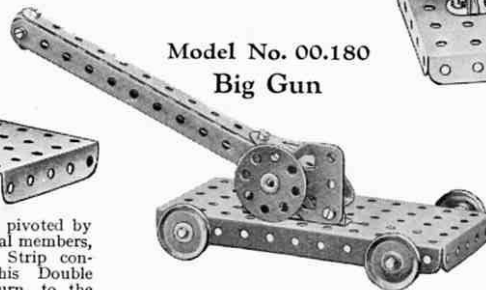
Model No. 00.176
Ore Crusher



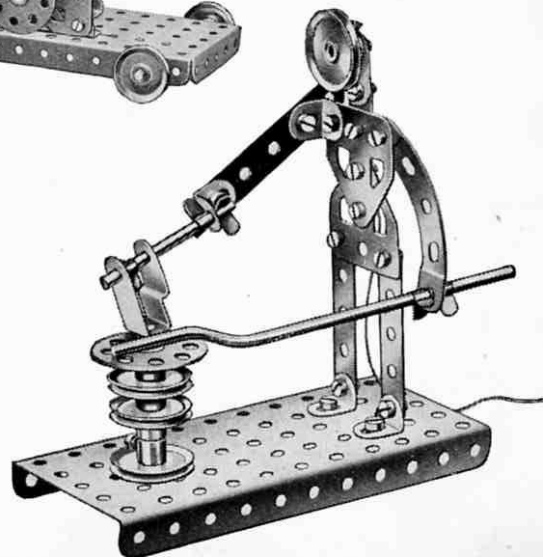
Model No. 00.174
Well Driller



Model No. 00.180
Big Gun

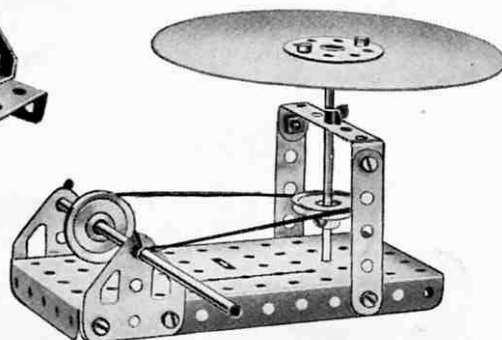


Model No. 00.182
Blacksmith

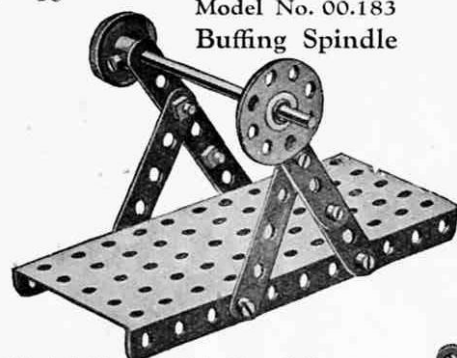


The weighted $5\frac{1}{2}$ " Strips are pivoted by Bolts and lock-nuts to the vertical members, and a $2\frac{1}{2}$ " \times $\frac{1}{2}$ " Double Angle Strip connects their upper ends. This Double Angle Strip is connected, in turn, to the vertical $3\frac{1}{2}$ " Axle Rod by means of a $2\frac{1}{2}$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

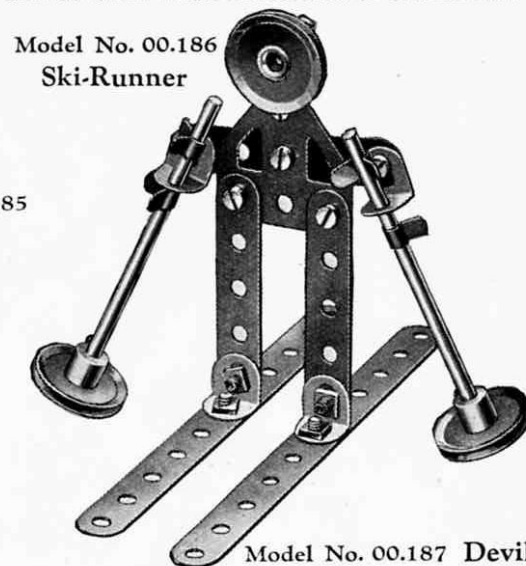
Model No. 00.178 Joy Wheel



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



Model No. 00.183
Buffing Spindle

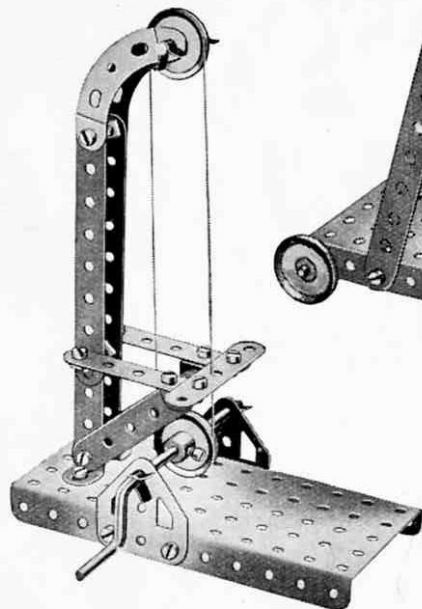


Model No. 00.186
Ski-Runner

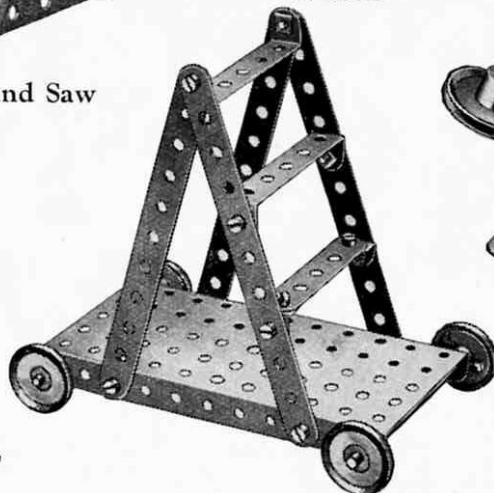


Model No. 00.189 Cutlery Basket

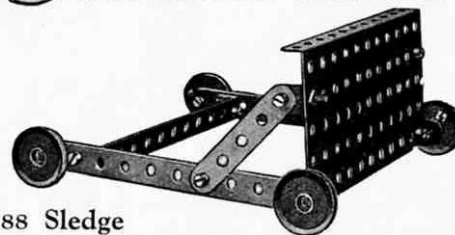
Model No. 00.184 Band Saw



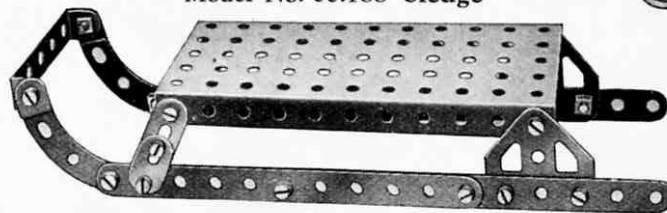
Model No. 00.185
Ladder on
Wheels



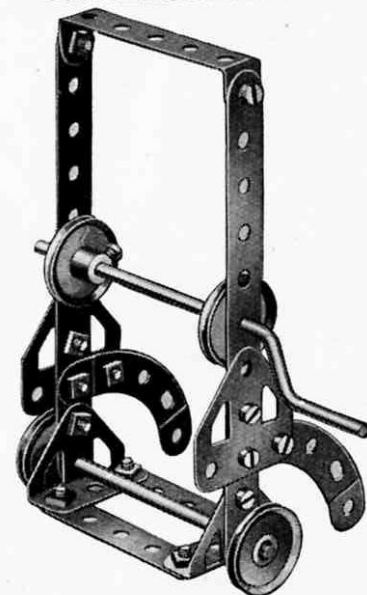
Model No. 00.187 Devil Wall



Model No. 00.188 Sledge



Model No. 00.190
Garden Hose Reel



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.

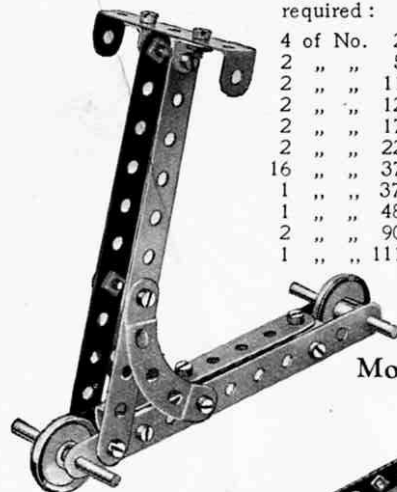
These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)

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Model No. 0.1 Scooter

Parts
required :

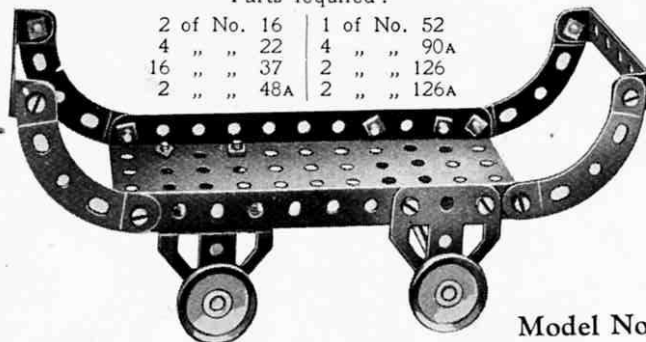
4 of No.	2
2 " "	5
2 " "	11
2 " "	12
2 " "	17
2 " "	22
16 " "	37
1 " "	37A
1 " "	48A
2 " "	90A
1 " "	111c



Model No. 0.4 Push Cart

Parts required :

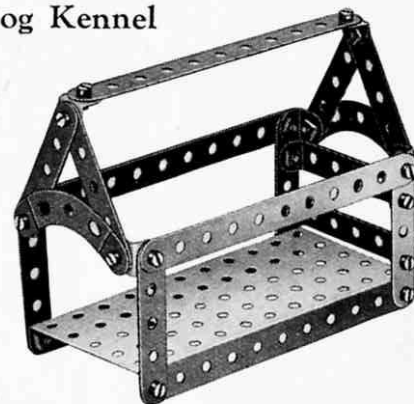
2 of No.	16	1 of No.	52
4 " "	22	4 " "	90A
16 " "	37	2 " "	126
2 " "	48A	2 " "	126A



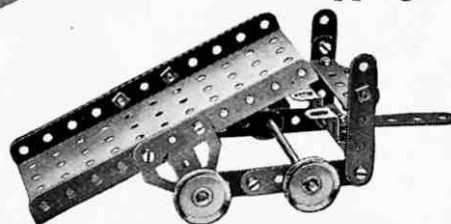
**Model No. 0.7
Dog Kennel**

Parts
required :

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



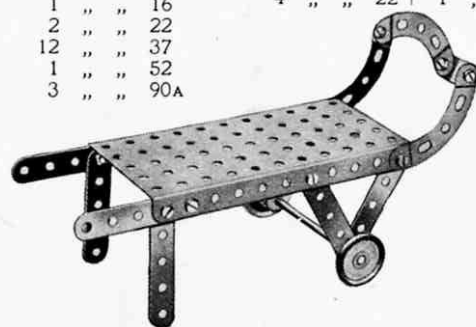
Model No. 0.3 Tipping Cart



**Model No. 0.2
Luggage Truck**

Parts
required :

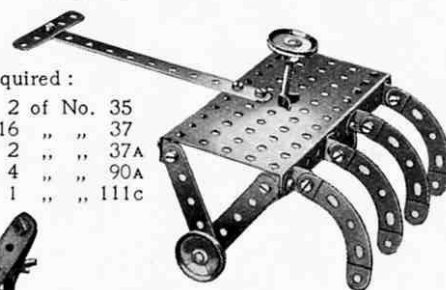
2 of No.	2
6 " "	5
2 " "	12
1 " "	16
2 " "	22
12 " "	37
1 " "	52
3 " "	90A



**Model No. 0.5
Horse Rake**

Parts required :

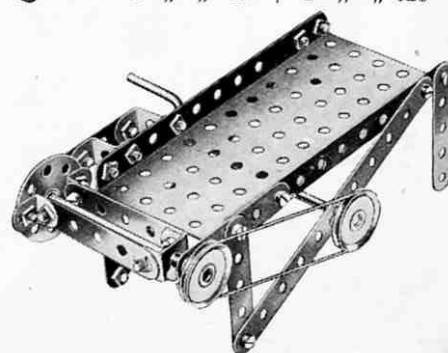
1 of No.	2	2 of No.	35
5 " "	5	16 " "	37
8 " "	12	2 " "	37A
1 " "	17	4 " "	90A
3 " "	22	1 " "	111c



**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

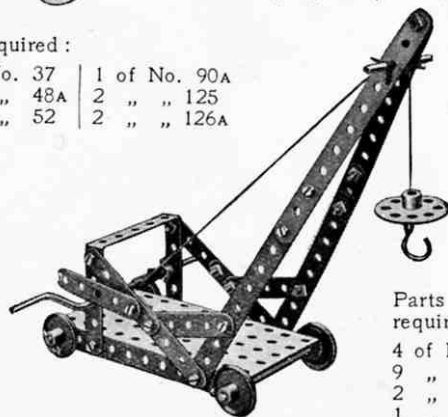


**Model No. 0.6
Jib Crane**

1 of No.	19s
4 " "	22
1 " "	23
1 " "	24
4 " "	35
16 " "	37
1 " "	37A
1 " "	40
1 " "	48A
9 " "	5
2 " "	16
1 " "	57
1 " "	111c

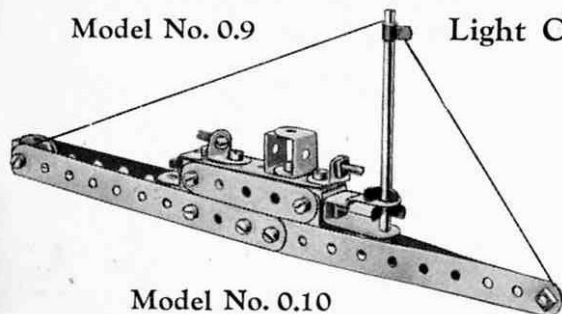
Parts
required :

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



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

Model No. 0.9

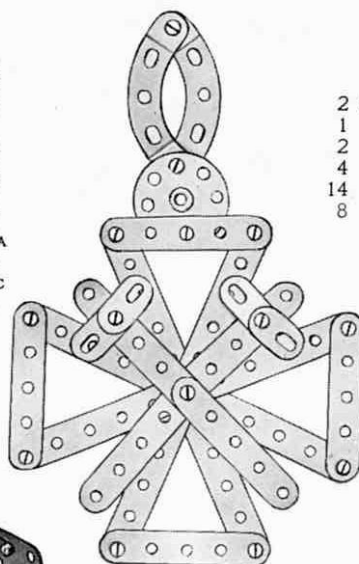


Light Cruiser

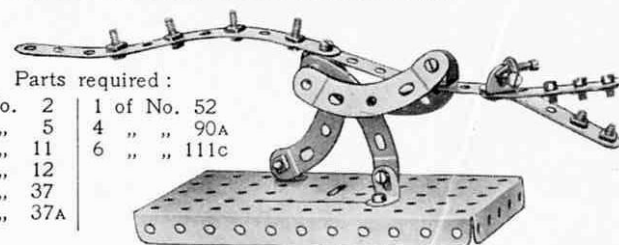
Parts
required :

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. 0.13 Medal



Model No. 0.14 Prehistoric Bird



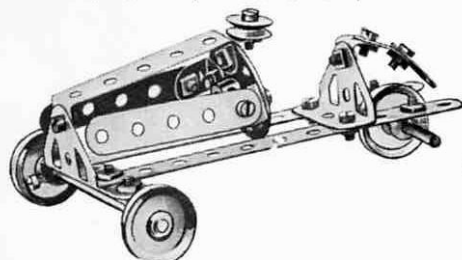
Parts required :

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

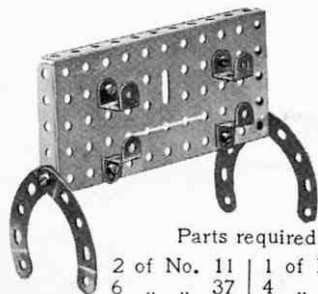
Model No. 0.10
Three-Wheel Auto

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



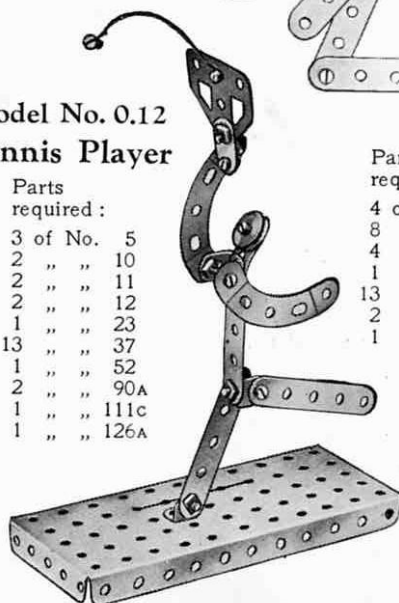
Parts required :

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



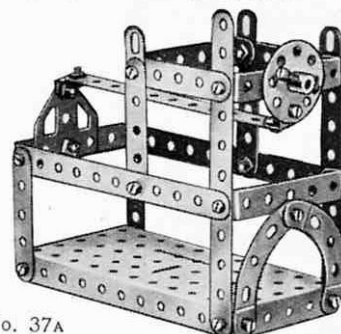
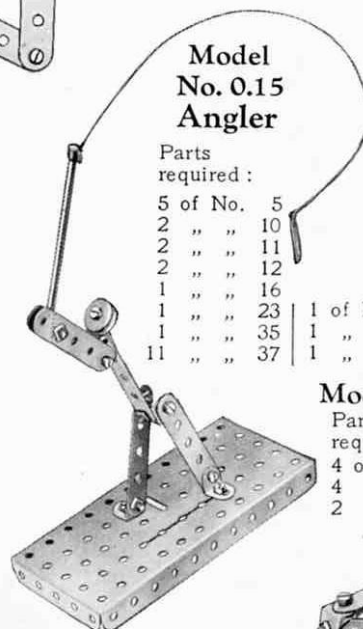
Parts
required :

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

Model
No. 0.15
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. 0.16 Church

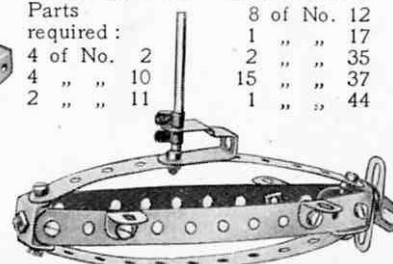
Parts required :

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. 0.17 Submarine

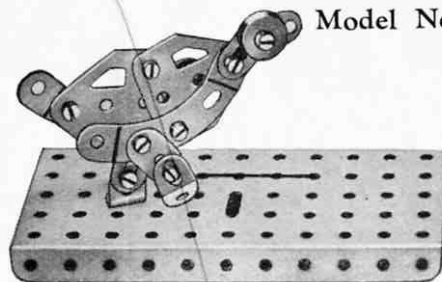
Parts
required :

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

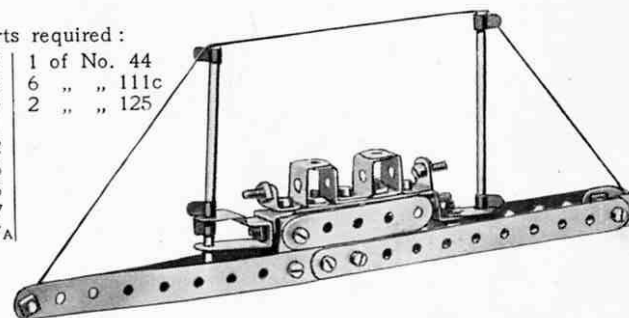
Model No. 0.22
Lazy Tongs



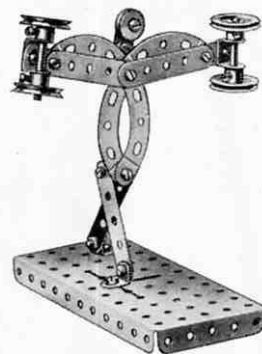
Parts required :

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



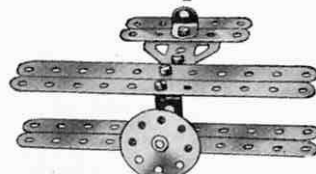
Model No. 0.19 Strong Man



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

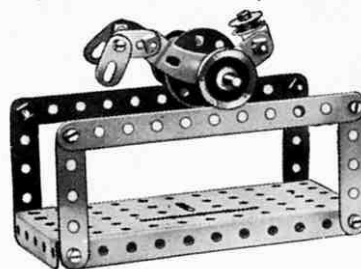
Model No. 0.20
Aeroplane



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



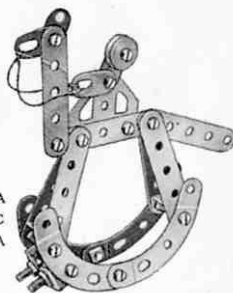
Parts required :

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

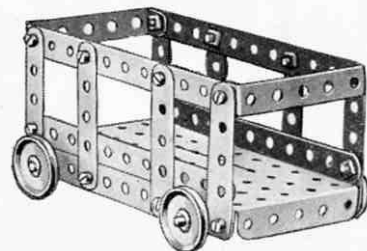
Model No. 0.25
Rocking Horse

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 " "	48A
1 " "	52
2 " "	111c

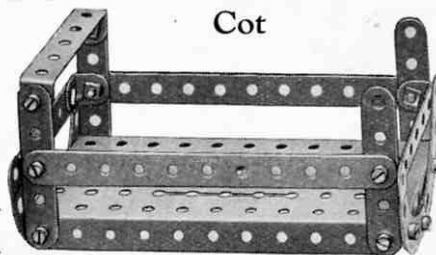
Parts
required :

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

Model No. 0.26
Cot

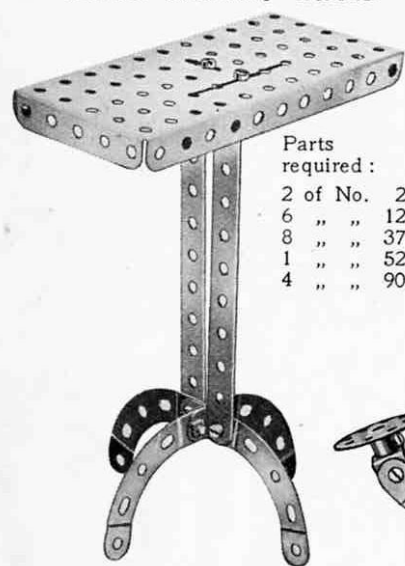
Parts
required :

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

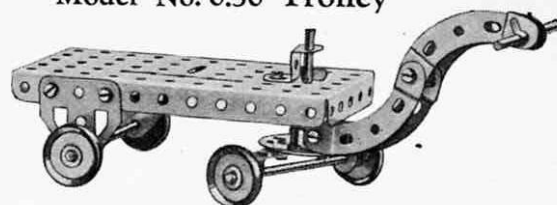


Parts required:
2 of No. 2
6 " " 12
8 " " 37
1 " " 52
4 " " 90A

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



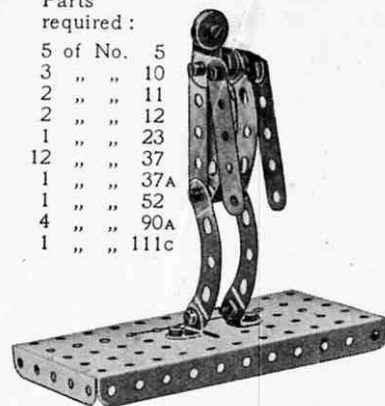
Parts required:

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	

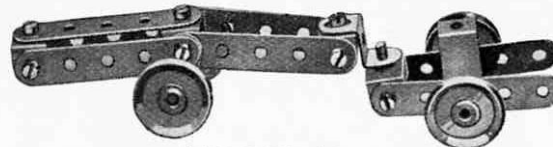
Model No. 0.33 Ape

Parts required:

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



Model No. 0.31 Field Gun and Carriage



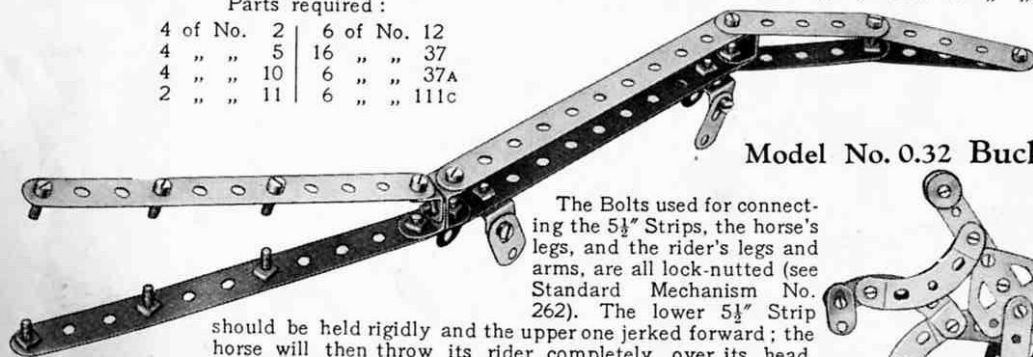
Parts required:

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:

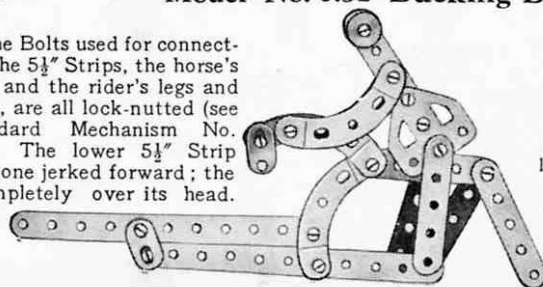
4 of No. 2	6 of No. 12
4 " " 5	16 " " 37
4 " " 10	6 " " 37A
2 " " 11	6 " " 111c



Model No. 0.32 Bucking Broncho

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

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



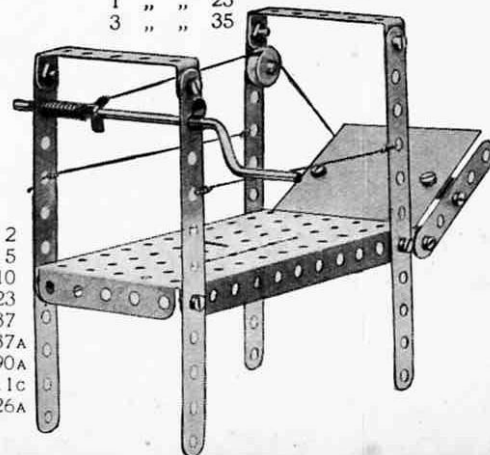
Parts required:

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

Model No. 0.34 Gangway

Parts required:

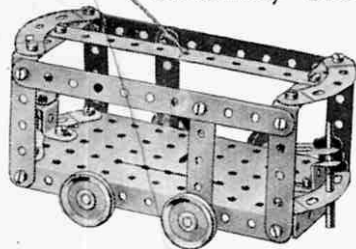
4 of No. 2	16 of No. 37
2 " " 5	2 " " 37A
2 " " 10	2 " " 48A
2 " " 12	1 " " 52
1 " " 19s	1 " " 111c
1 " " 23	
3 " " 35	



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

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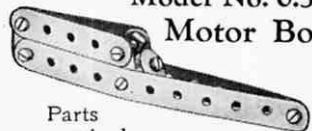
**Model No. 0.35
Tramway Car**



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

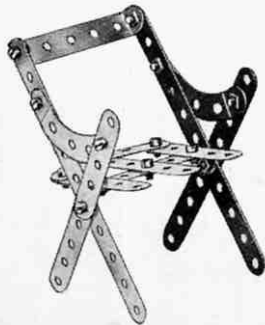
**Model No. 0.36
Motor Boat**



Parts required:

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

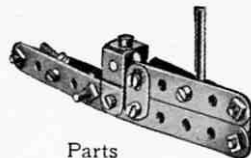
Model No. 0.37 Arm Chair



Parts required:

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

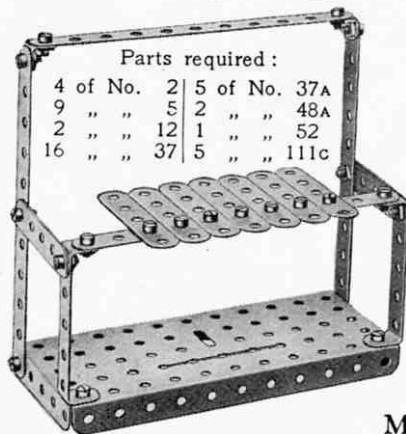
**Model No. 0.38
Torpedo Boat**



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



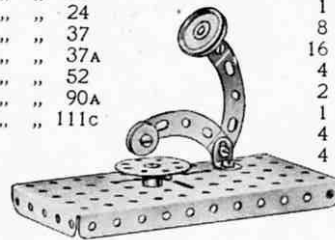
Parts required:

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	



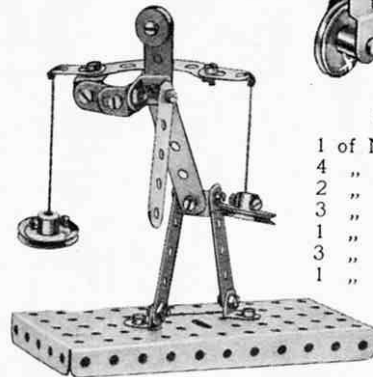
Parts required:

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

Model No. 0.41 Milk Maid

Parts required:

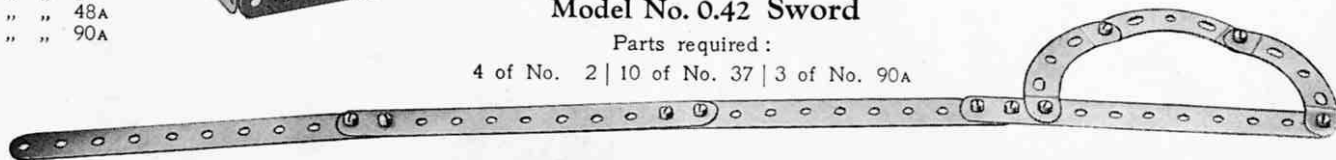
5 of No. 5	
3 " " 10	
2 " " 11	
4 " " 12	
2 " " 22	
1 " " 23	
14 " " 37	
1 " " 37A	
1 " " 52	
1 " " 90A	
1 " " 111c	



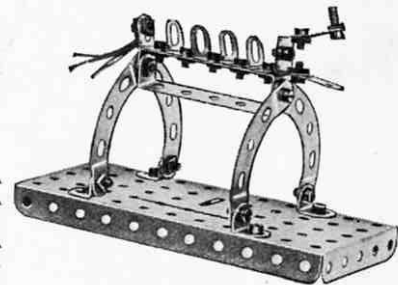
Model No. 0.42 Sword

Parts required:

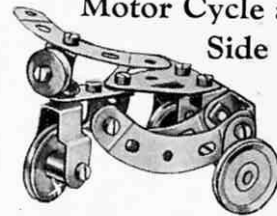
4 of No. 2	10 of No. 37	3 of No. 90A
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**Model No. 0.43
Prehistoric Armadillo**



**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. 0.45 Loud Speaker



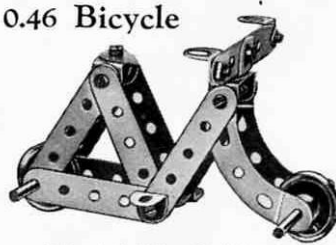
Parts
required :

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

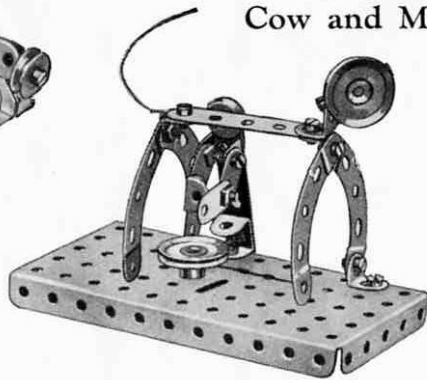
Model No. 0.46 Bicycle

Parts
required :

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



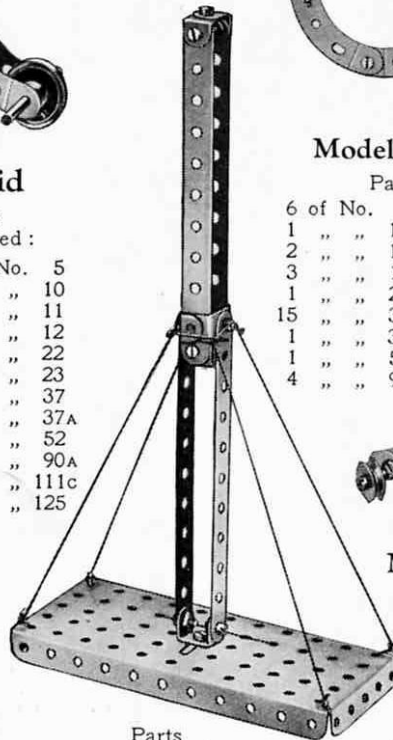
Model No. 0.47 Cow and Milkmaid



Parts
required :

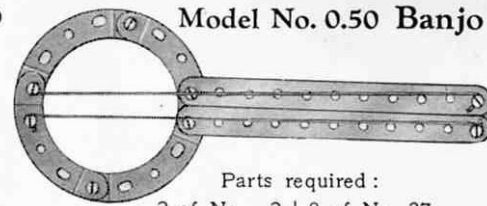
2 of No.	5
4 " "	10
2 " "	11
5 " "	12
2 " "	22
1 " "	23
16 " "	37
2 " "	37A
1 " "	52
4 " "	90A
4 " "	111c
1 " "	125

Model No. 0.49 Telescopic Mast



Parts
required :

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



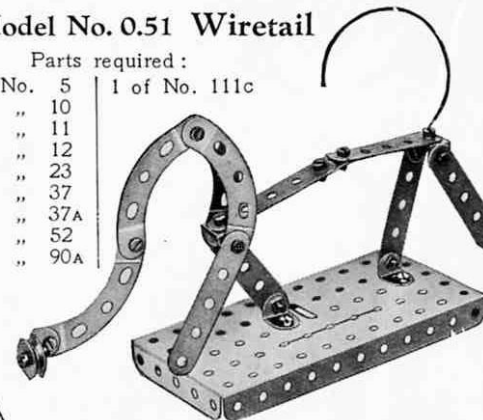
Parts required :

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

Model No. 0.51 Wiretail

Parts required :

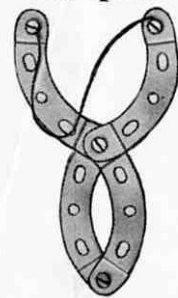
6 of No.	5	1 of No.	111c
1 " "	10		
2 " "	11		
3 " "	12		
1 " "	23		
15 " "	37		
1 " "	37A		
1 " "	52		
4 " "	90A		



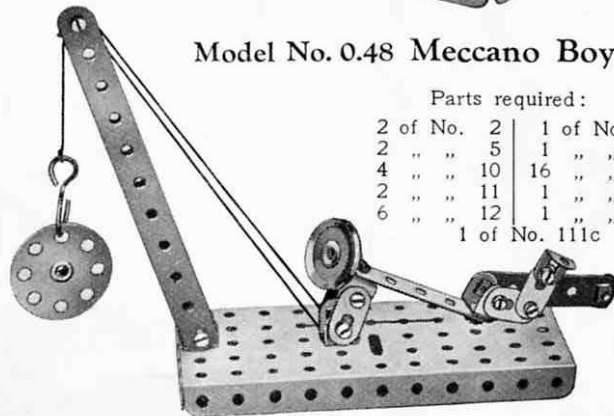
Parts
required :

4 of No.	37
4 " "	90A

Model No. 0.53 Catapult



Model No. 0.48 Meccano Boy



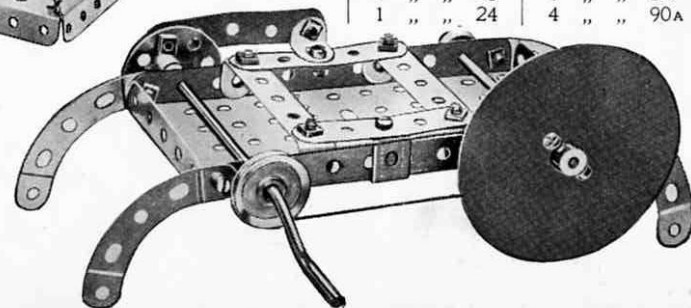
Parts required :

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

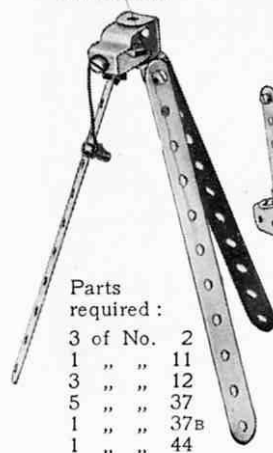


These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)

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Model No. 0.54

Camera

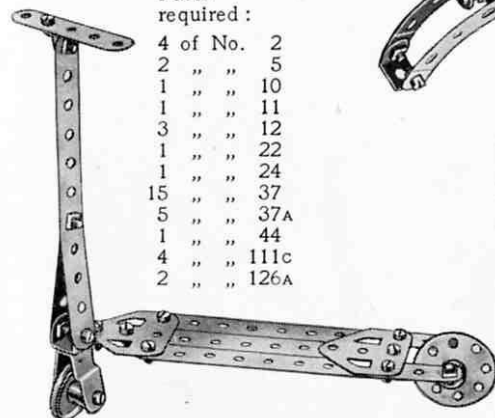


Parts
required:

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

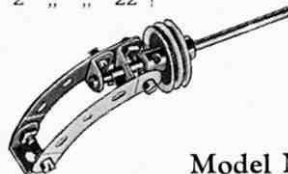
Parts required:

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		

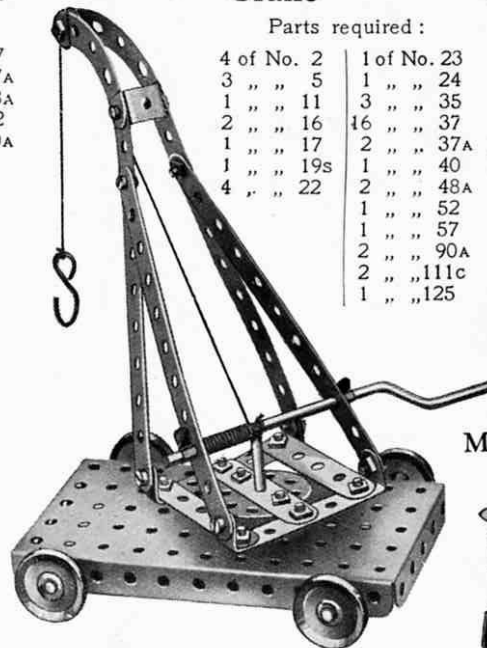


Model No. 0.58

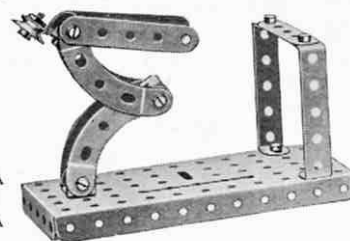
Crane

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



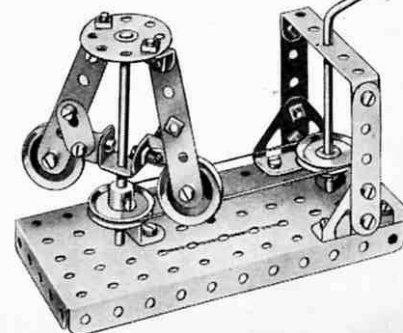
Parts
required:

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

Model No. 0.63
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

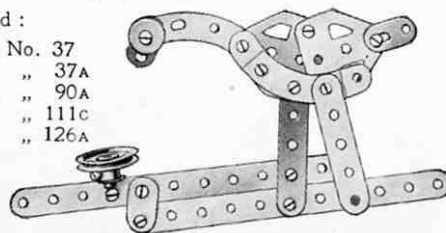


Model No. 0.59 Pecking Hen

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.

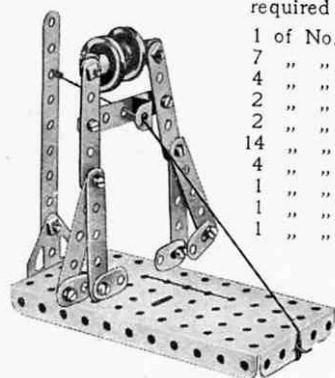
Parts required:

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)

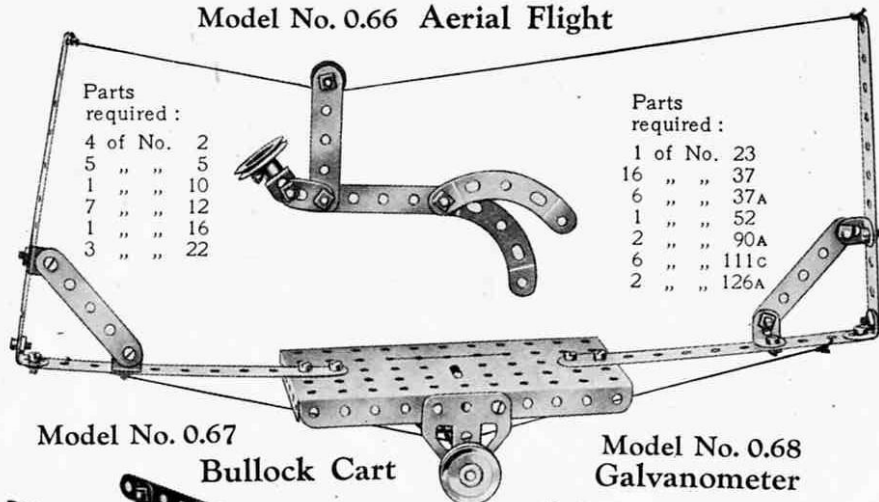
Model No. 0.64 Wrestlers



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

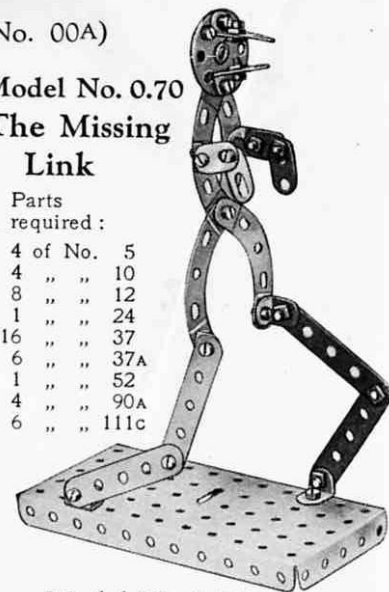
Parts
required :

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 :

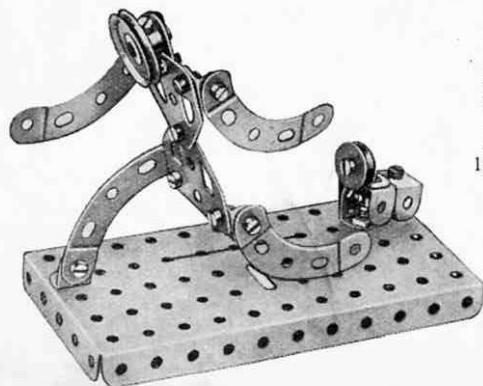
4 of No.	5
4 " "	10
8 " "	12
1 " "	24
16 " "	37
6 " "	37A
1 " "	52
4 " "	90A
6 " "	111c



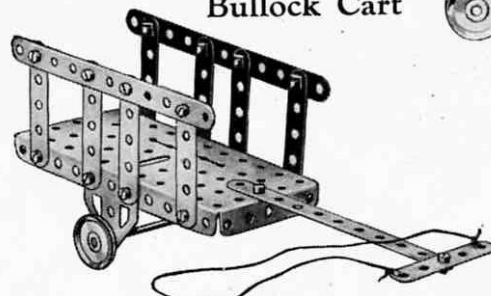
Model No. 0.65 A Chase

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

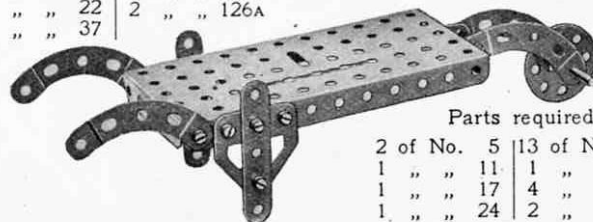


Model No. 0.67 Bullock Cart



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

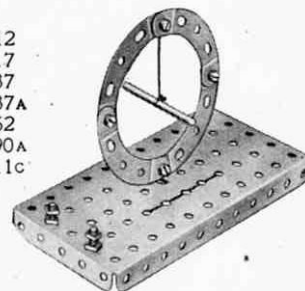
Parts required :

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

Model No. 0.68 Galvanometer

Parts
required

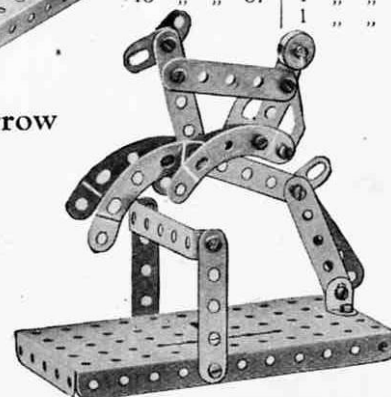
1 of No.	12
1 " "	17
5 " "	37
4 " "	37A
1 " "	52
4 " "	90A
2 " "	111c



Model No. 0.71 Steeple-chaser

Parts required :

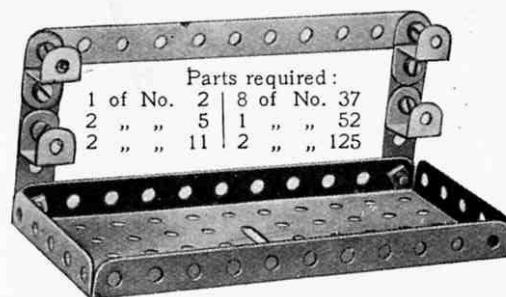
7 of No.	5	1 of No.	37A
4 " "	10	1 " "	48A
1 " "	12	1 " "	52
1 " "	23	4 " "	90A
13 " "	37	1 " "	111c
		1 " "	126A



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



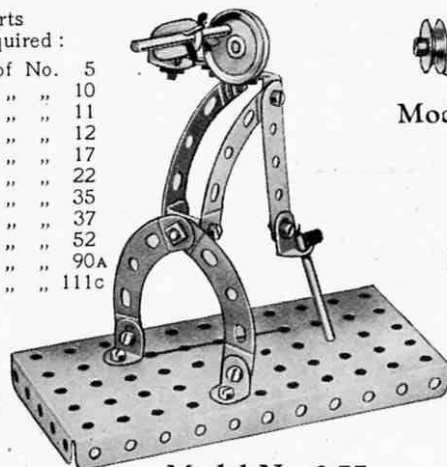
Parts required:

1 of No. 2	8 of No. 37
2 " " 5	1 " " 52
2 " " 11	2 " " 125

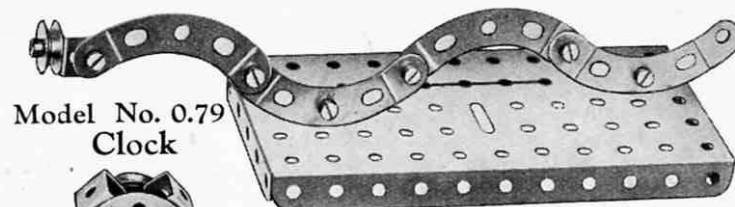
Model No. 0.76 Coast Guard

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	



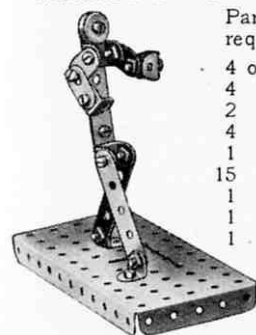
Model No. 0.78 Snake



Parts required:

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

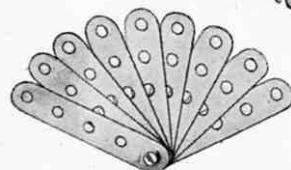
Model No. 0.73 Boxer



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:

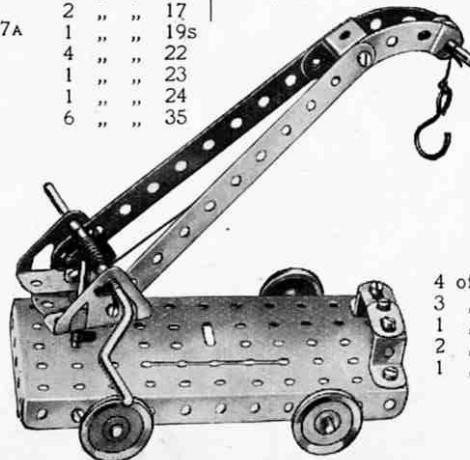
9 of No. 5	2 of No. 37A
1 of No. 111c	

Model No. 0.77

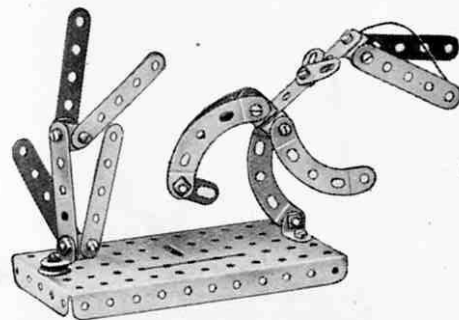
Break-Down Crane

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		
4 " " 19s		
1 " " 22		
1 " " 23		
1 " " 24		
6 " " 35		



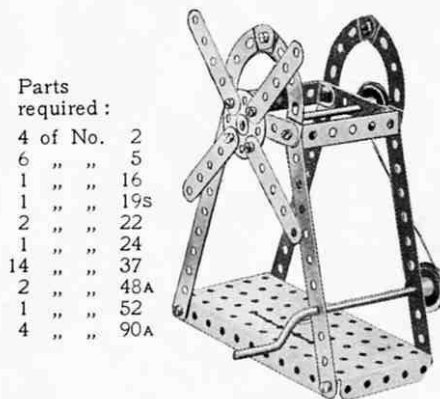
Model No. 0.74 Horseman's Fall



Parts required:

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

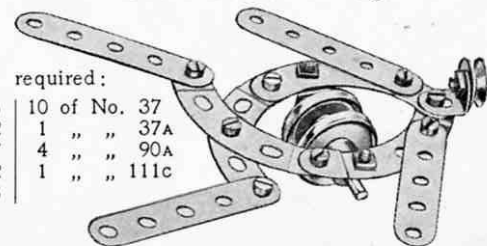
Model No. 0.80 Windmill



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. 0.81 Frog

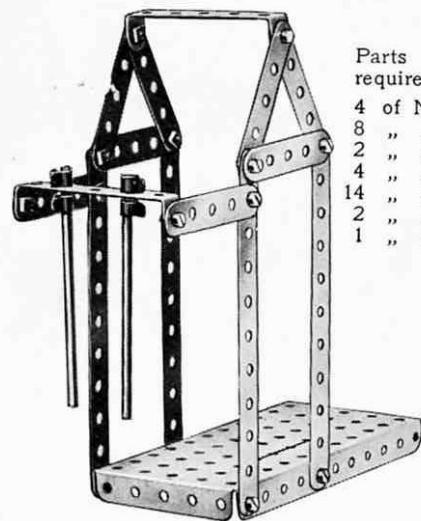


Parts required:

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

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

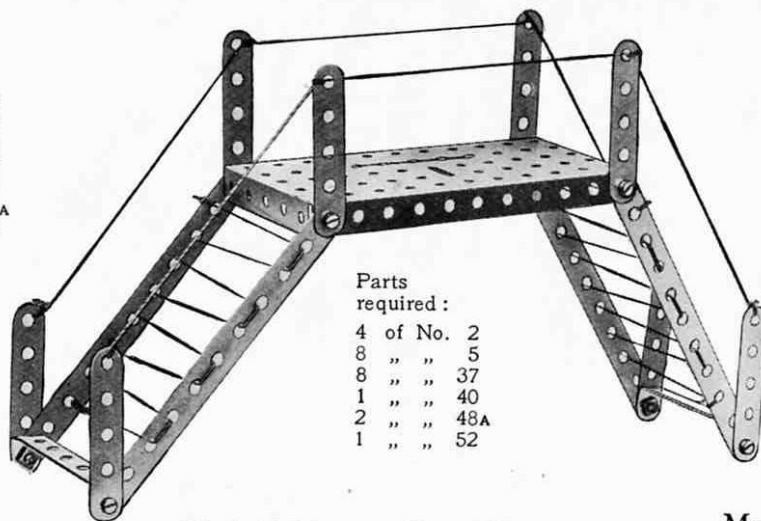
Model No. 0.82
Pneumatic Grain Elevator



Parts
required :

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

Model No. 0.84 Footbridge



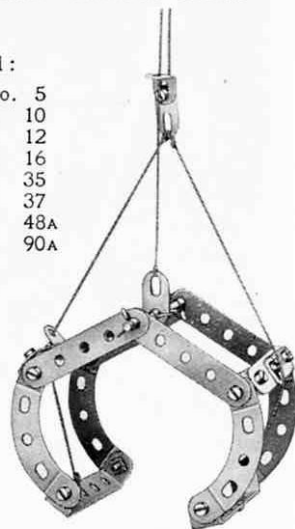
Parts
required :

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

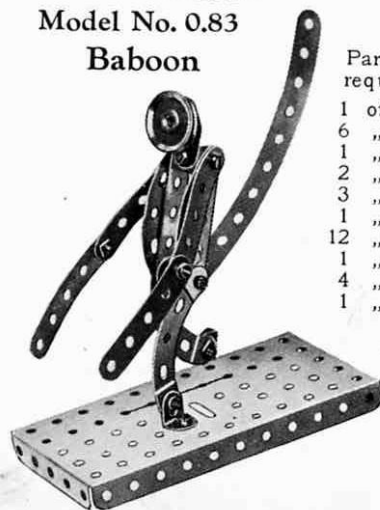
Model No. 0.86 Crane Grab

Parts
required :

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



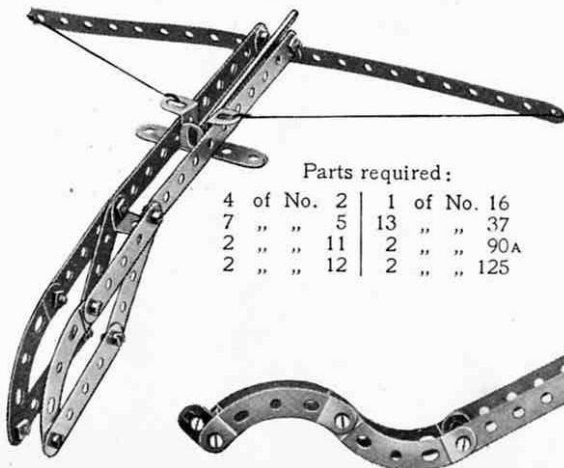
Model No. 0.83
Baboon



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



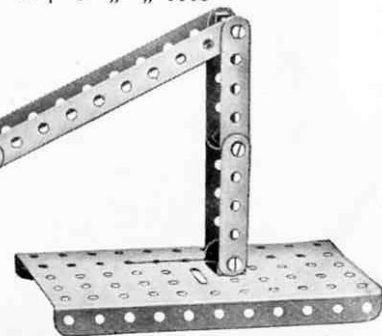
Parts required :

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

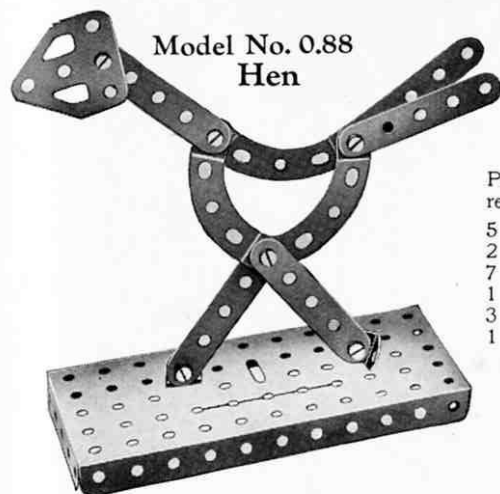
Parts required :

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)

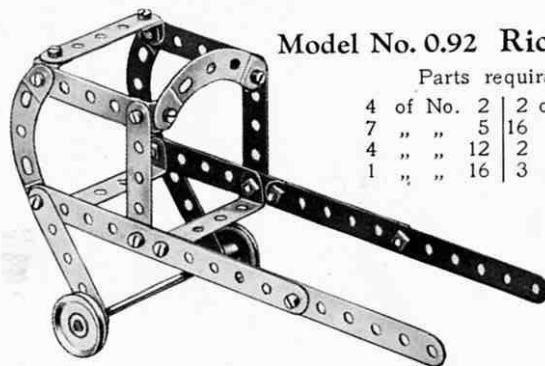
29



**Model No. 0.88
Hen**

Parts
required :

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

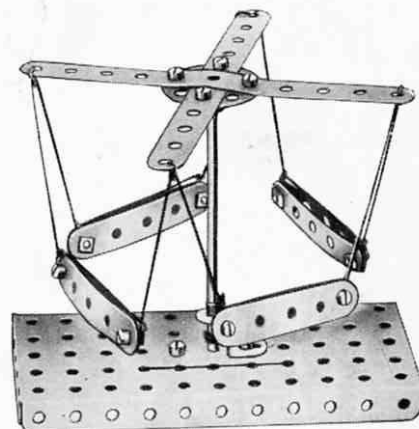


Model No. 0.92 Rickshaw

Parts required :

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

Model No. 0.93 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**

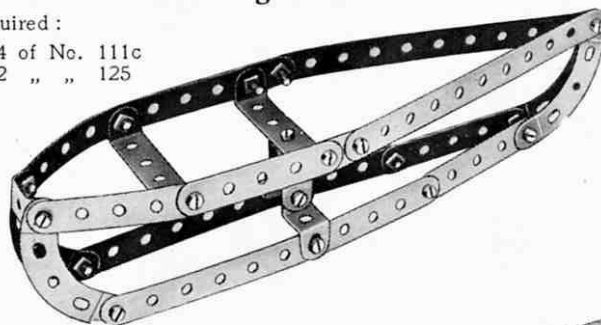
Parts
required :

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

Model No. 0.90 Rowing Boat

Parts required :

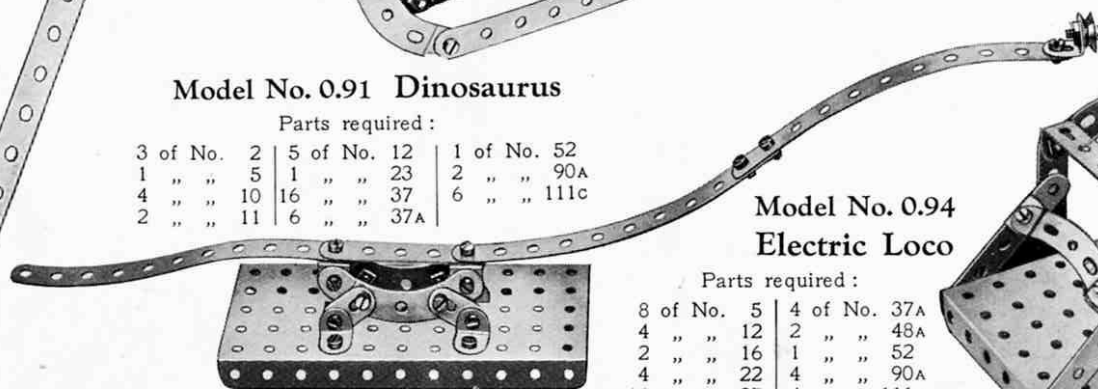
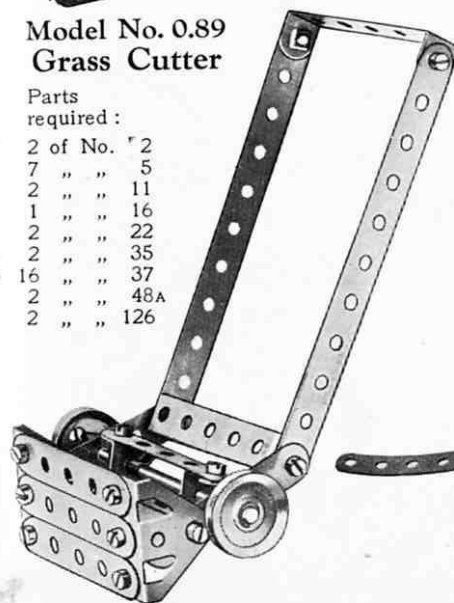
4 of No.	2	4 of No.	111c
6 " "	5	2 " "	125
2 " "	10		
1 " "	11		
16 " "	37		
4 " "	37A		
1 " "	44		
2 " "	48A		
4 " "	90A		



Model No. 0.91 Dinosaurus

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		



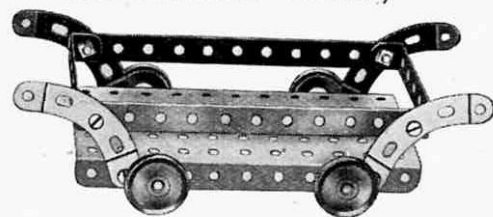
**Model No. 0.94
Electric Loco**

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

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

Model No. 0.95 Trolley



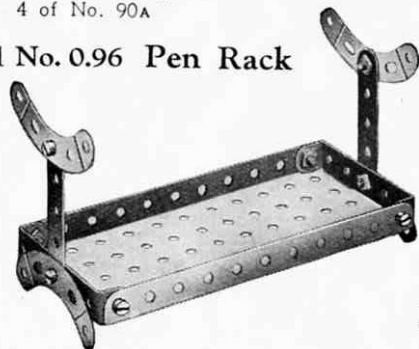
Parts required:

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

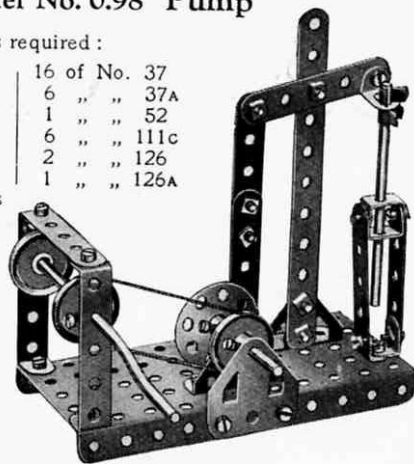
Parts required:

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	

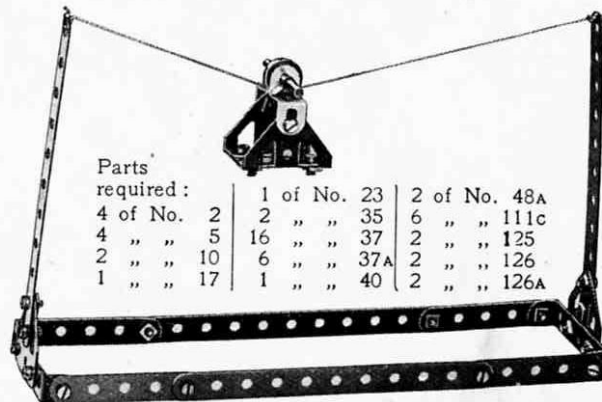


The connecting Strip is pivoted by bolts and nuts at one end to the Bush Wheel and at the other end to the cross beam. The latter is pivoted by the same means to the upright.

Model No. 0.99 Aerial ropeway

Parts required:

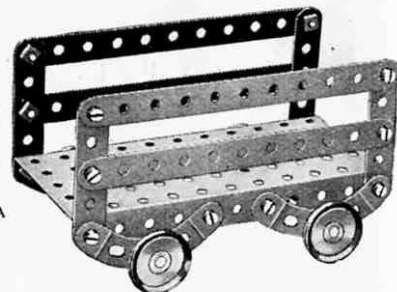
4 of No. 2	1 of No. 23	2 of No. 48A
4 " " 5	2 " " 35	6 " " 111c
2 " " 10	16 " " 37	2 " " 125
1 " " 17	6 " " 37A	2 " " 126
	1 " " 40	2 " " 126A



Model No. 0.100 Luggage Truck

Parts required:

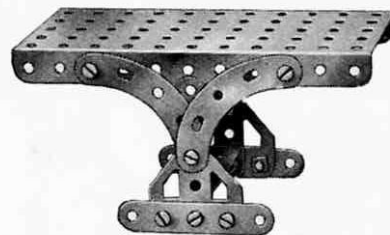
4 of No. 2
4 " " 5
2 " " 16
4 " " 22
16 " " 37
1 " " 52
4 " " 90A



Model No. 0.101 Drafting Table

Parts required:

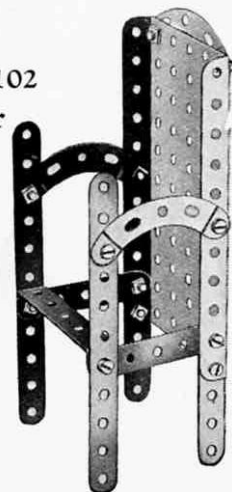
4 of No. 5
12 " " 37
1 " " 48A
1 " " 52
4 " " 90A
2 " " 126A



Model No. 0.102 Arm Chair

Parts required:

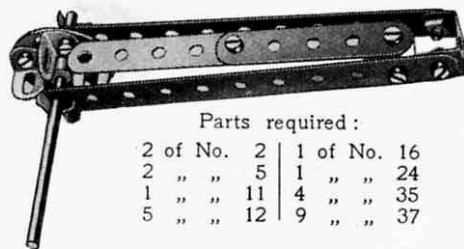
2 of No. 2
4 " " 5
12 " " 37
1 " " 48A
1 " " 52
3 " " 90A



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

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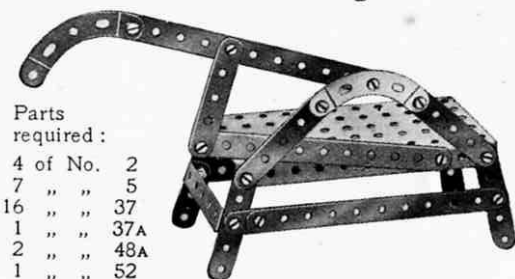
Model No. 0.103 Rattle



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:

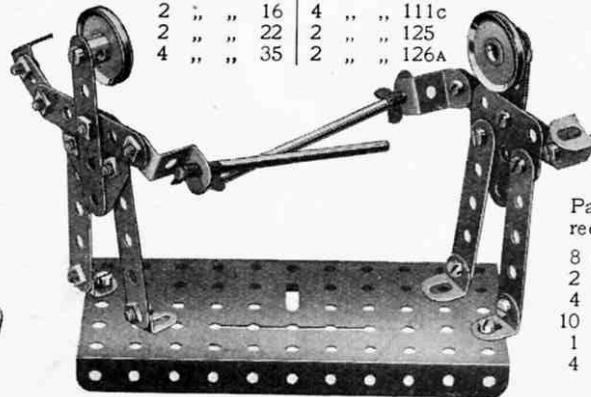
4 of No. 2
2 " " 11
8 " " 12
1 " " 22
16 " " 37
6 " " 37A
2 " " 48A
1 " " 52
4 " " 90A
6 " " 111c



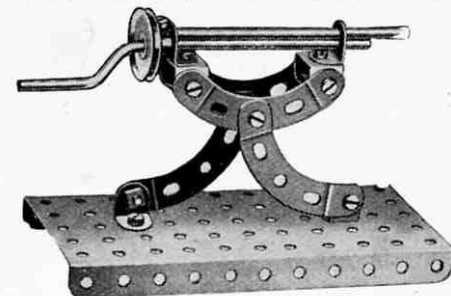
Model No. 0.107 The Fencers

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

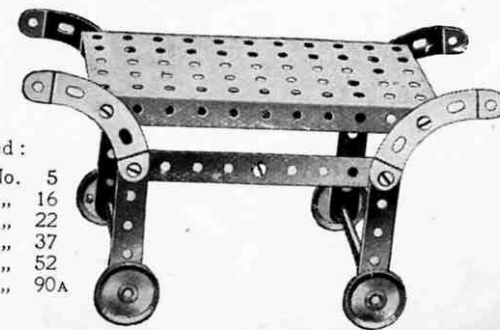
Model No. 0.109 Single Sheaf Pulley Block



Parts required:

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

Model No. 0.110 Tea Wagon

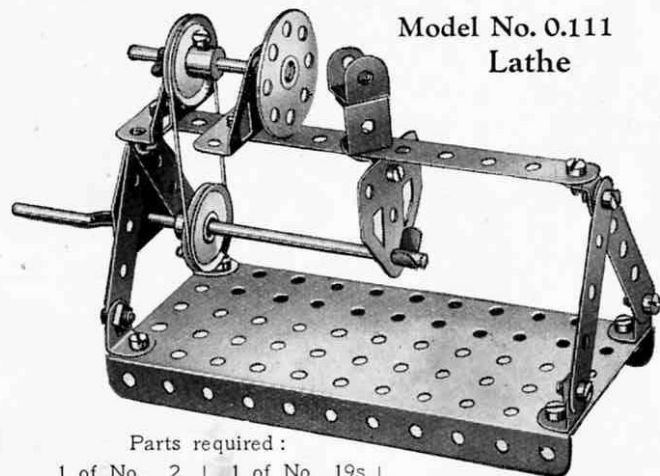


Parts required:

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)

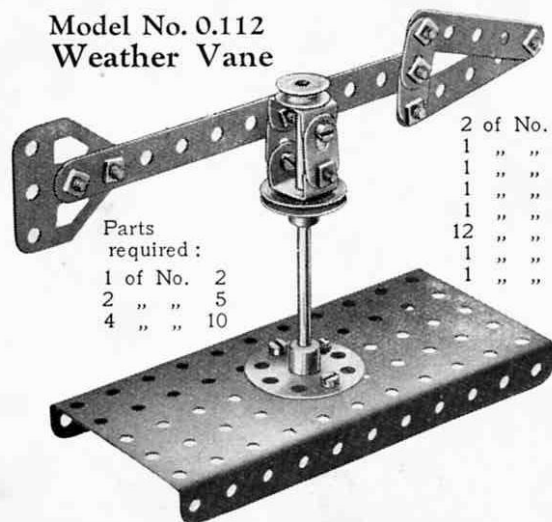
**Model No. 0.111
Lathe**



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**

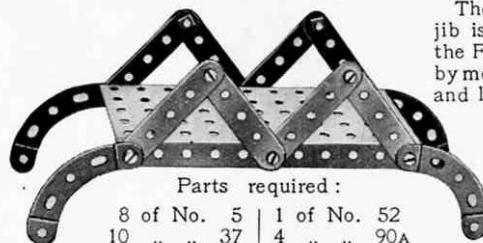


Parts
required :

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



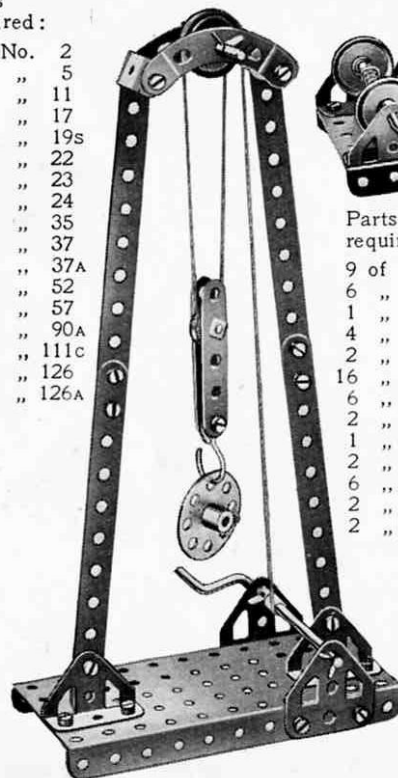
Parts required :

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
1 " " 35
5 " " 37
16 " " 37A
4 " " 52
1 " " 57
2 " " 90A
4 " " 111c
2 " " 126
2 " " 126A

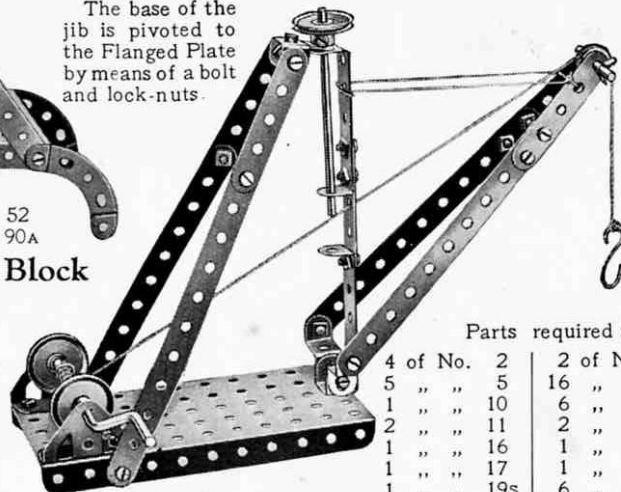


Parts
required :

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

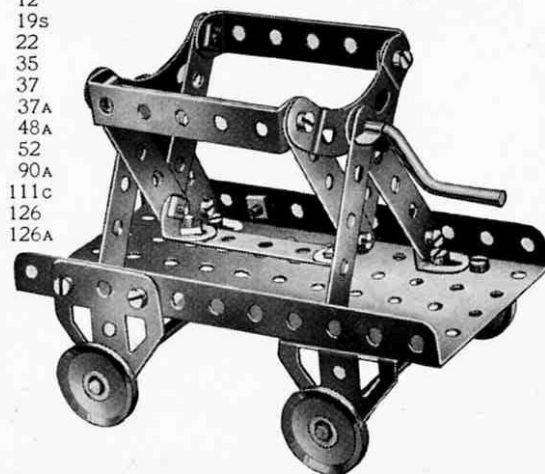
The base of the
jib is pivoted to
the Flanged Plate
by means of a bolt
and lock-nuts.



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



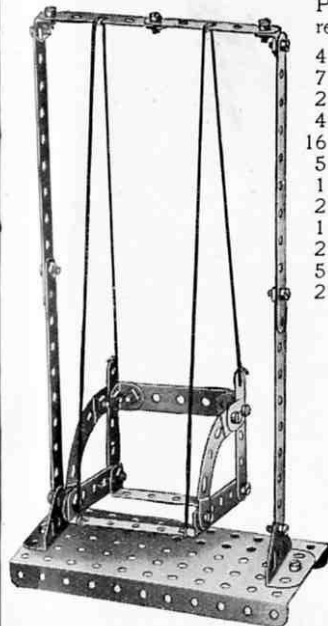
These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)

33

Model No. 0.117 Swing

Parts
required:

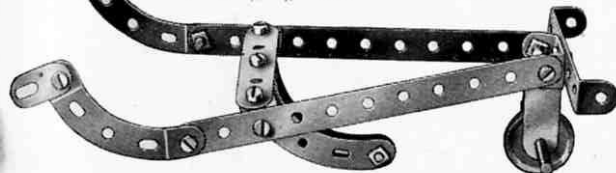
4 of No.	2
7 " "	5
2 " "	10
4 " "	12
16 " "	37
5 " "	37A
1 " "	40
2 " "	48A
1 " "	52
2 " "	90A
5 " "	111c
2 " "	126



Model No. 0.118 Plough

Parts required:

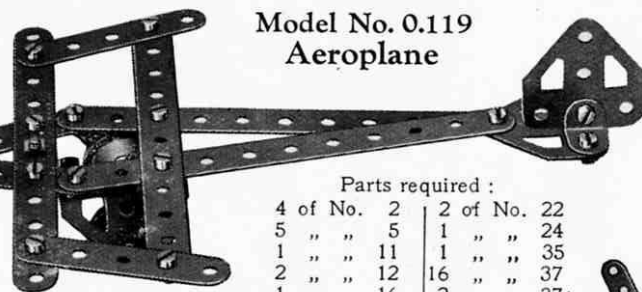
2 of No.	2	3 of No.	12
1 " "	5	1 " "	17
2 " "	10	1 " "	22
2 " "	11	15 " "	37
		1 " "	44
		1 " "	48A
		4 " "	90A



**Model No. 0.119
Aeroplane**

Parts required:

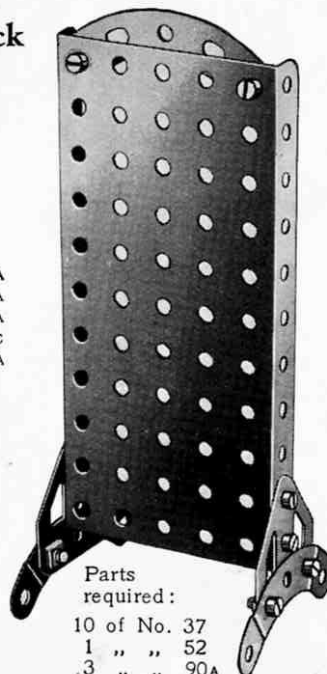
4 of No.	2	2 of No.	22
5 " "	5	1 " "	24
1 " "	11	1 " "	35
2 " "	12	16 " "	37
1 " "	16	2 " "	37A
1 " "	17	2 " "	111c
		2 " "	126
		1 " "	126A



**Model No. 0.121
Notice Board**

Parts
required:

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



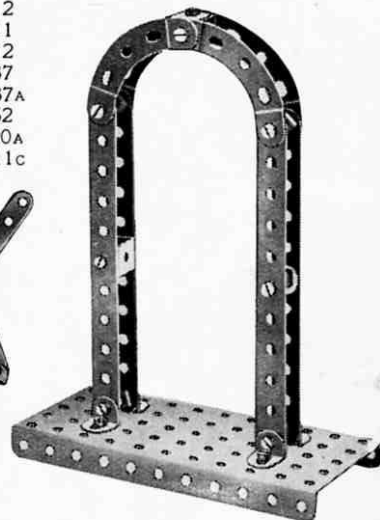
Parts
required:

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

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

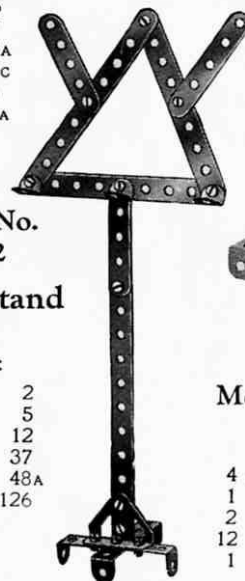


**Model No.
0.122**

Music Stand

Parts
required:

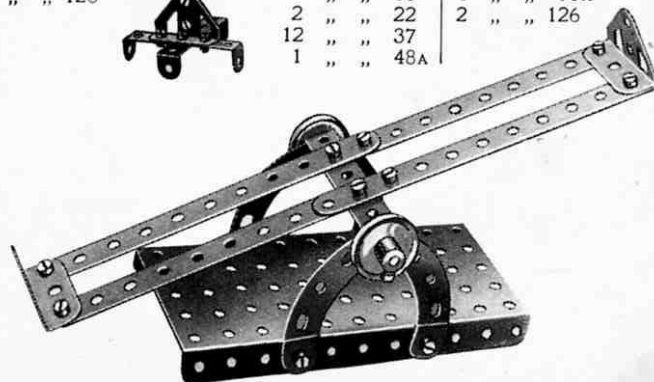
1 of No.	2
9 " "	5
3 " "	12
12 " "	37
2 " "	48A
1 " "	126



Model No. 0.124 See-Saw

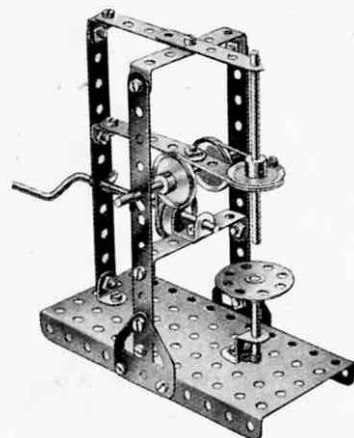
Parts required:

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)

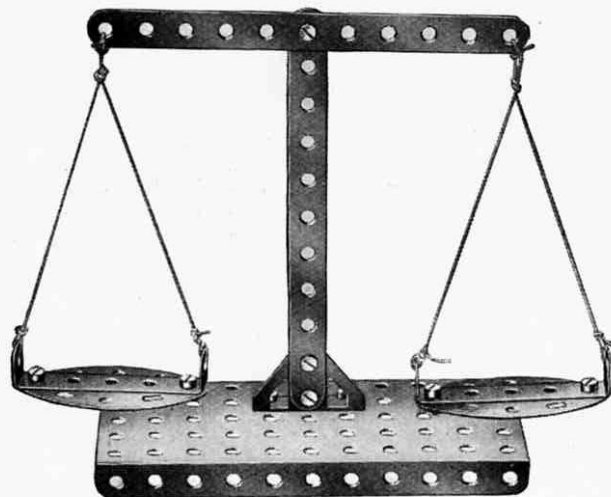
Model No. 0.125 Drilling Machine



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



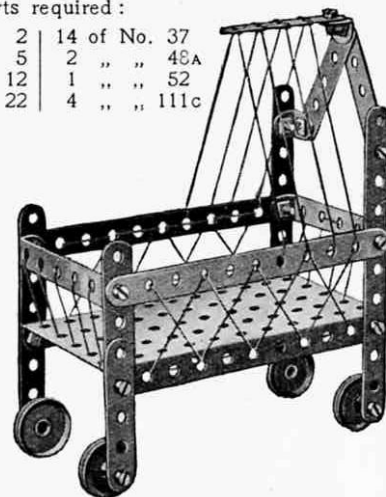
Parts required :

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 :

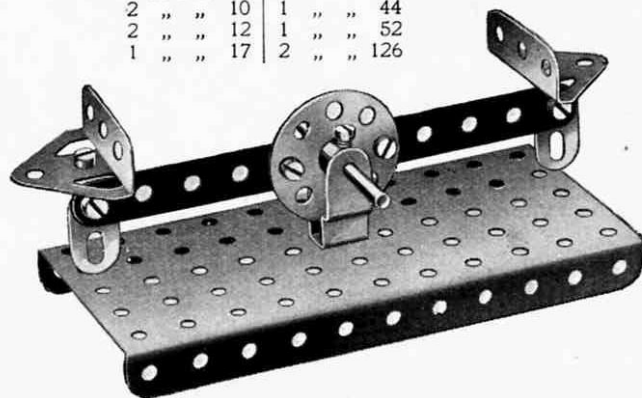
4 of No.	2	14 of No.	37
7 " "	5	2 " "	48A
3 " "	12	1 " "	52
4 " "	22	4 " "	111c



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



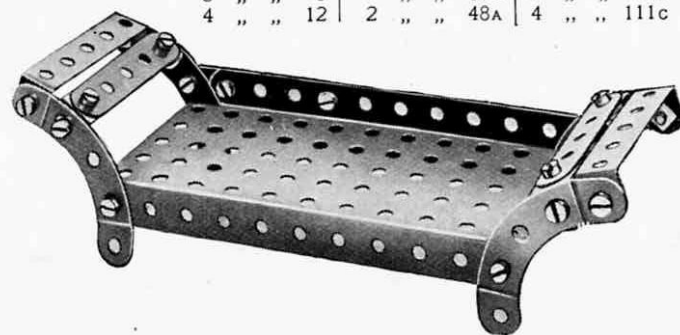
Parts
required :

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

Model No. 0.130 Couch

Parts required :

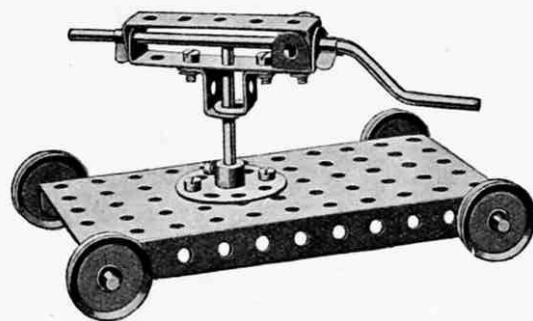
1 of No.	2	16 of No.	37	1 of No.	52
3 " "	5	4 " "	37A	4 " "	90A
4 " "	12	2 " "	48A	4 " "	111c



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	

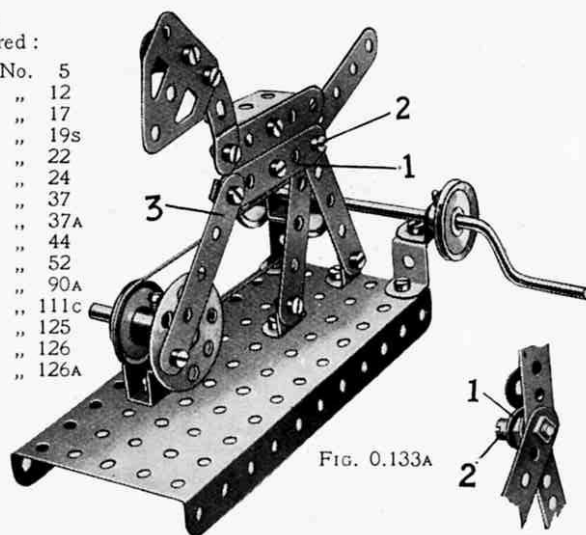
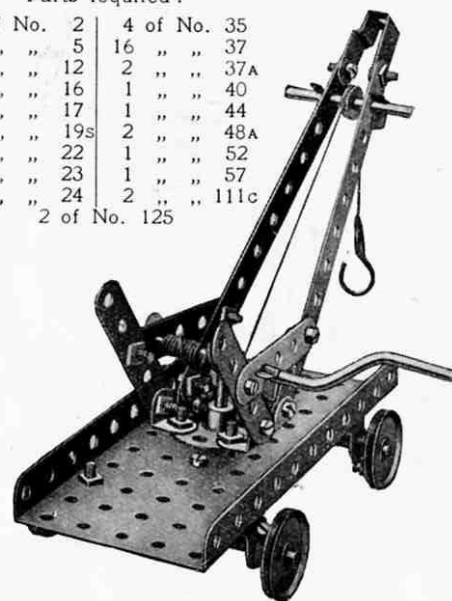


FIG. 0.133A

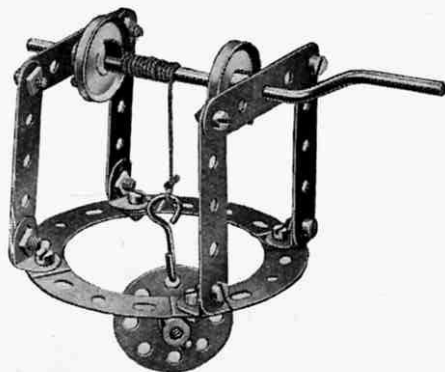
Model No. 0.135 Swivelling Crane

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. 0.132 Well Windlass

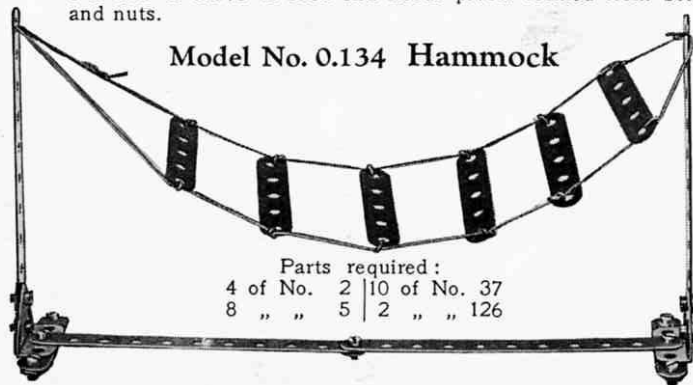


Parts required :

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

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

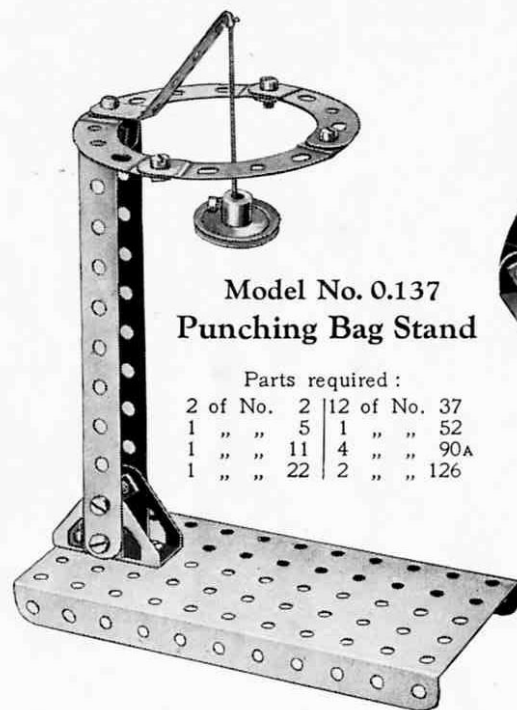
Model No. 0.136 Go Chair

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)

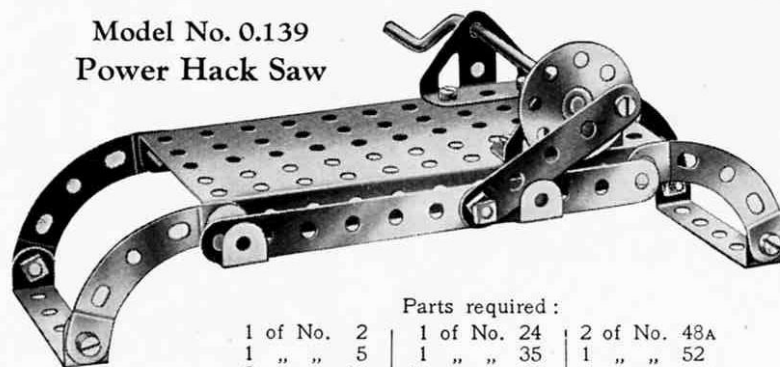


Model No. 0.137
Punching Bag Stand

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



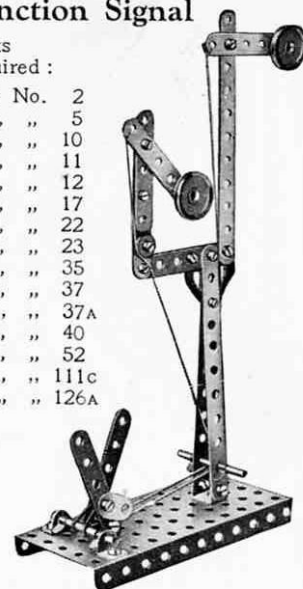
Parts required :

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 :

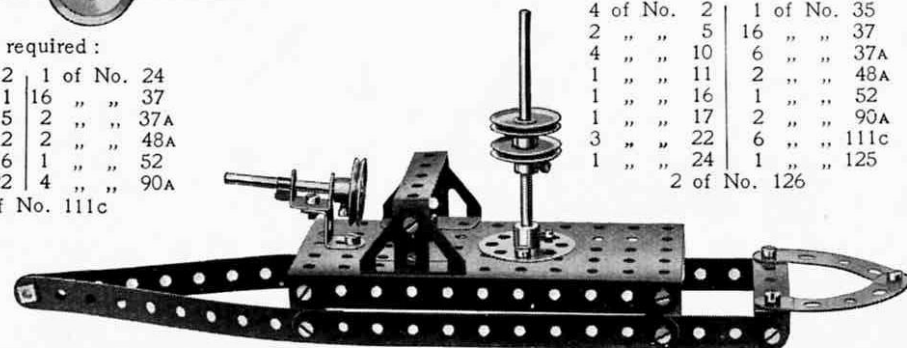
3 of No. 2	
7 " " 5	
2 " " 10	
2 " " 11	
2 " " 12	
2 " " 17	
2 " " 22	
1 " " 23	
4 " " 35	
16 " " 37	
5 " " 37A	
1 " " 40	
1 " " 52	
5 " " 111c	
1 " " 126A	



Model No. 0.142
Battleship

Parts required :

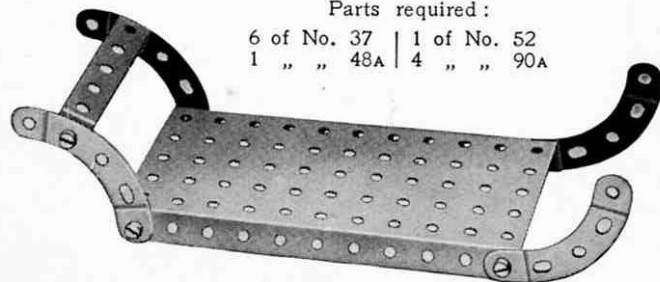
4 of No. 2	1 of No. 35
2 " " 5	16 " " 37
4 " " 10	6 " " 37A
1 " " 11	2 " " 48A
1 " " 16	1 " " 52
1 " " 17	2 " " 90A
3 " " 22	6 " " 111c
1 " " 24	1 " " 125
2 of No. 126	



Model No. 0.138 Sled

Parts required :

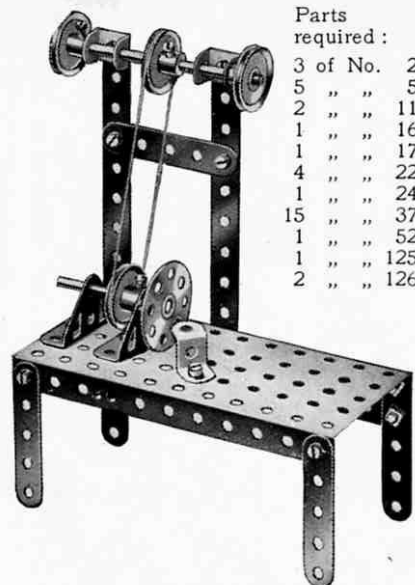
6 of No. 37	1 of No. 52
1 " " 48A	4 " " 90A



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

37

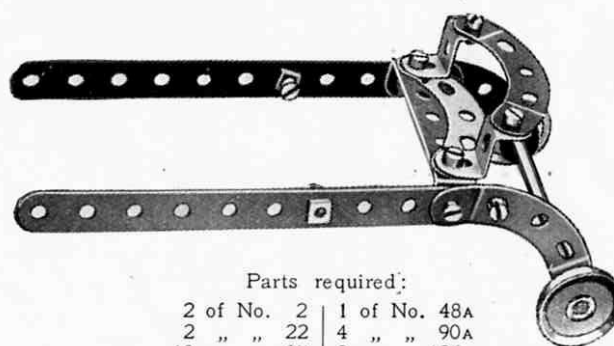
Model No. 0.143 Bench Lathe



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 Sulkey



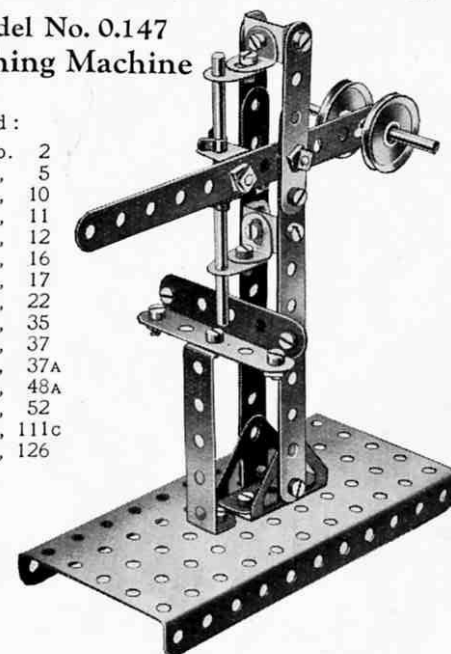
Parts required:

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

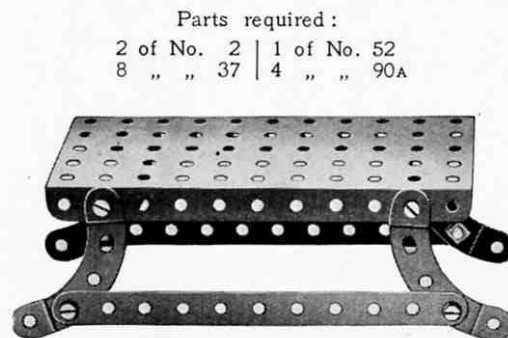
Model No. 0.147 Punching Machine

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



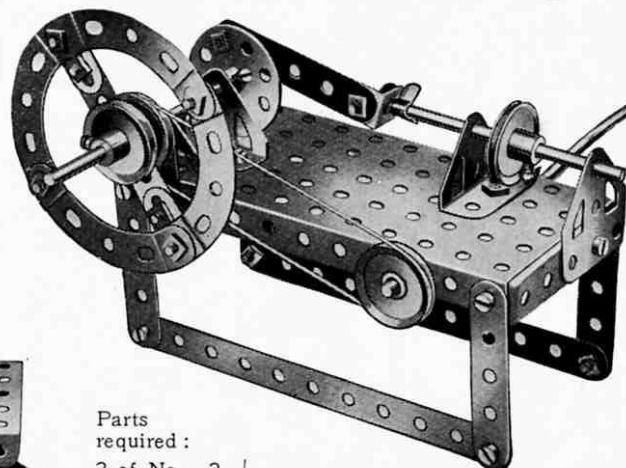
Model No. 0.144 Bench



Parts required:

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

Model No. 0.146 Horizontal Engine



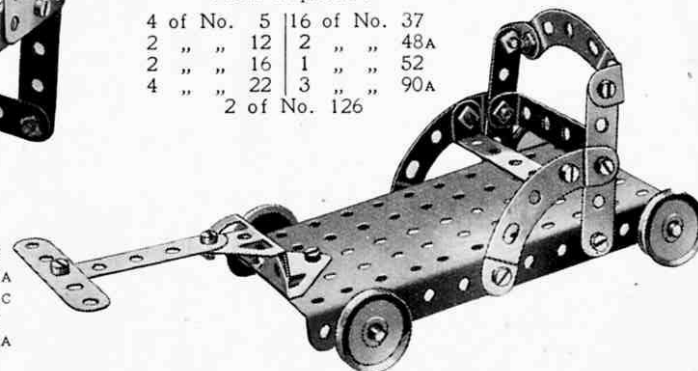
Parts required:

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

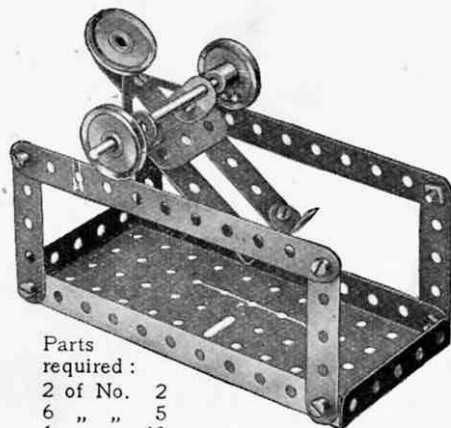
Parts required:

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

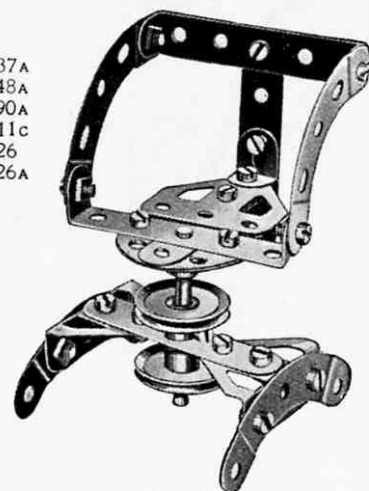


Model No. 0.152
Prehistoric Animal



Parts required :

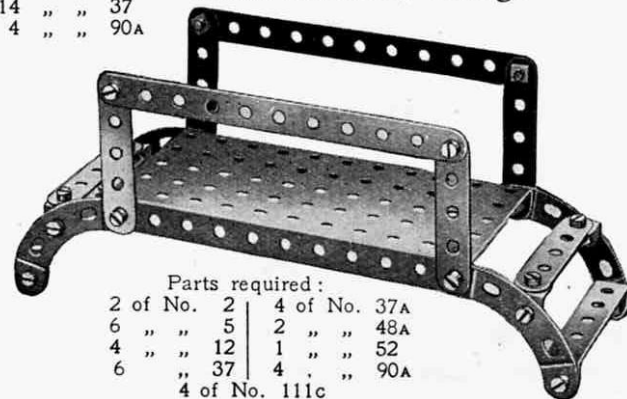
3 of No.	5	2 of No.	37A
1 " "	12	2 " "	48A
1 " "	17	4 " "	90A
2 " "	22	2 " "	111c
1 " "	24	2 " "	126
16 " "	37	1 " "	126A



Parts
required :

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

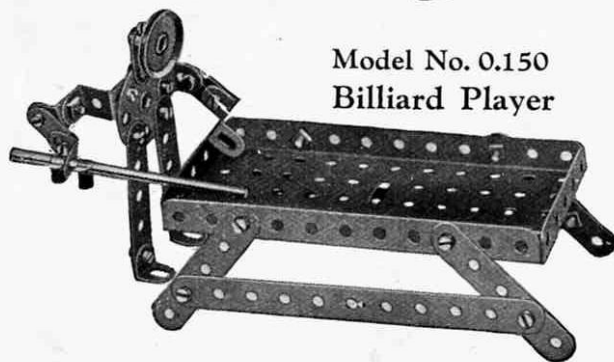
Model No. 0.154 Bridge



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



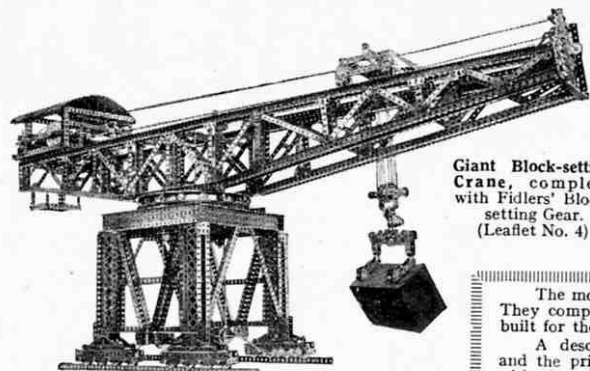
Parts
required :

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

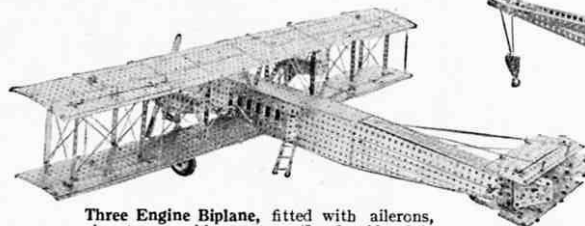
HOW TO CONTINUE

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.

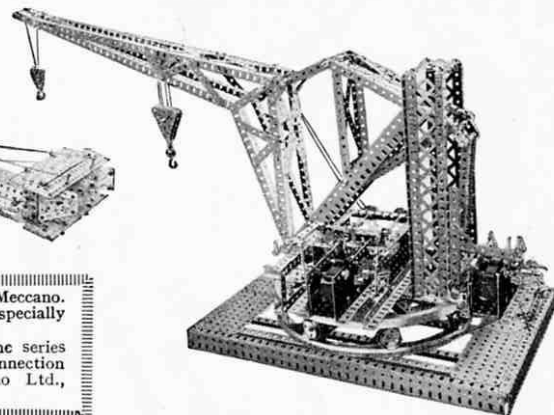
Meccano Super Models



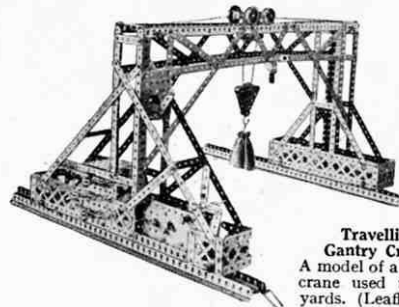
Giant Block-setting Crane, complete with Fidler's Block-setting Gear. (Leaflet No. 4)



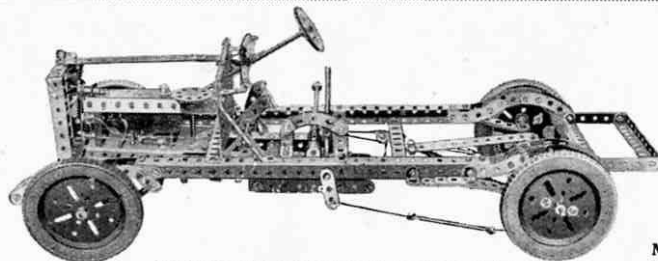
Three Engine Biplane, fitted with ailerons, elevators, rudders, etc. (Leaflet No. 34)



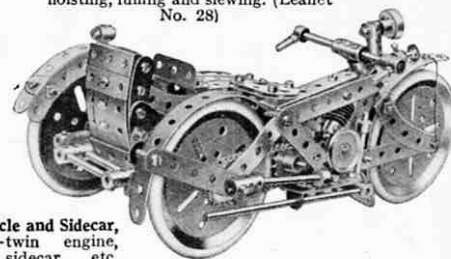
Pontoon Crane. Movements include hoisting, luffing and slewing. (Leaflet No. 28)



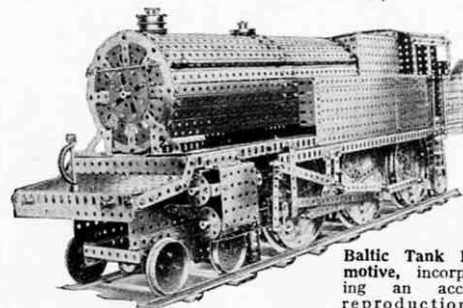
Travelling Gantry Crane. A model of a type of crane used in shipyards. (Leaflet No. 24)



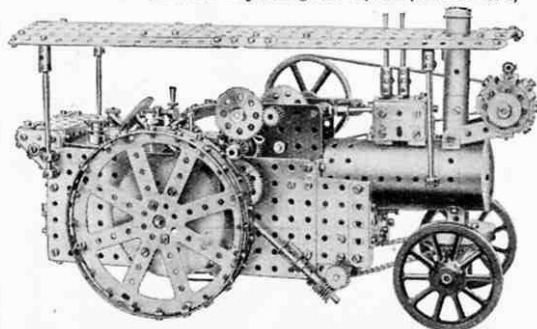
Motor Chassis, complete with gear box, clutch, differential, internal expanding brakes, etc. (Leaflet No. 1)



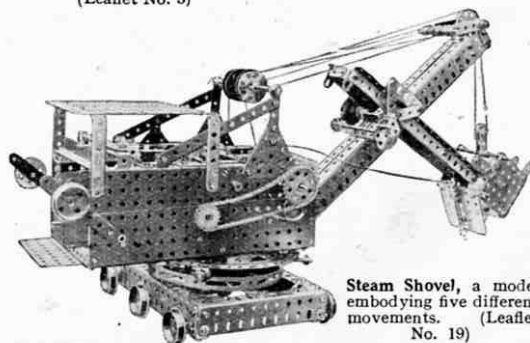
Motor Cycle and Sidecar, with V-twin engine, sprung sidecar, etc. (Leaflet No. 3)



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 has 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.



How the Accessory Outfits convert Complete Outfits

No. 00a converts a No. 00 Outfit into a No. 0					
" 0a	"	" 0	"	"	" 1
" 1a	"	" 1	"	"	" 2
" 2a	"	" 2	"	"	" 3
" 3a	"	" 3	"	"	" 4
" 4a	"	" 4	"	"	" 5
" 5a	"	" 5	"	"	" 6
" 6a	"	" 6	"	"	" 7

STORAGE BOXES FOR MECCANO PARTS



No. 2

Dimensions:
Length 14½ ins.
Width 11 ins.
Depth 3¼ ins.

These strongly-built and well-finished boxes 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 extra parts to be stored neatly and methodically so that they are always easily accessible.

No. 1 STORAGE BOX

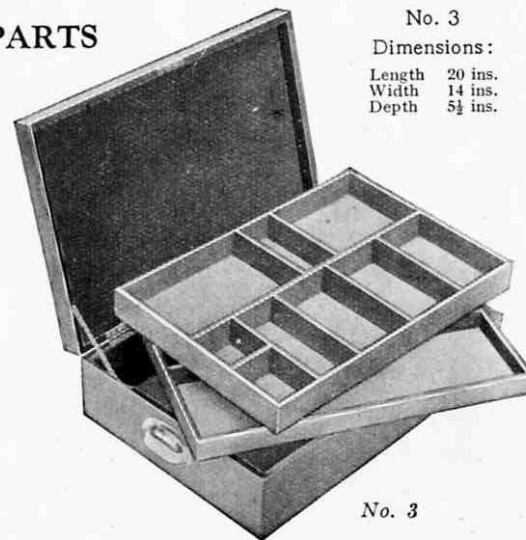
Dimensions: Length 15½ ins. Width 8½ ins. Depth 2¾ ins. Attractively enamelled in red. Fitted with partitions giving compartments of varying sizes. The lid is hinged and is secured by means of lock and key.

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. 3 STORAGE BOX

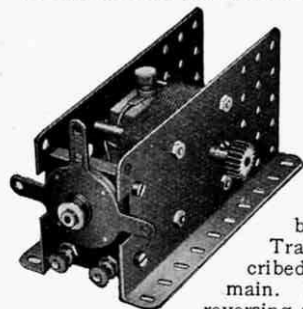
A perfect receptacle for Meccano parts. Finished similarly to the No. 1 and No. 2 boxes and provided with lock and key. Fitted with two partitioned trays.



No. 3

Dimensions:
Length 20 ins.
Width 14 ins.
Depth 5½ ins.

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.

TRANSFORMER

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.



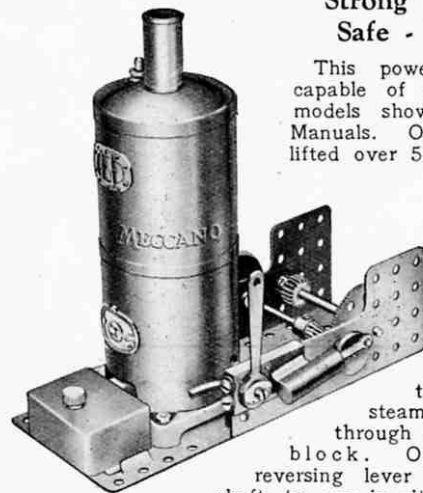
MECCANO

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 the motors or steam engine to be built into any Meccano model in the exact position required.

MECCANO STEAM ENGINE

**Strong - Powerful
Safe - Reversing**



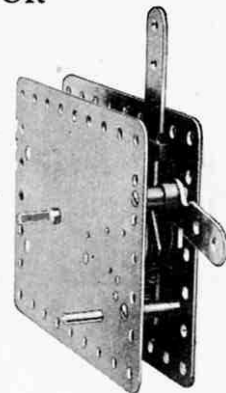
This powerful steam unit is capable of driving any of the models shown in the Meccano Manuals. On actual test it has lifted over 56 lbs. The base and side plates of the engine are drilled with standard Meccano equidistant holes, so that the engine may be built into any model.

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.



ACCUMULATORS 6 volts, 20 amps.

This 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.

MECCANO RESISTANCE CONTROLLER

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 "true-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 4-4-2 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.

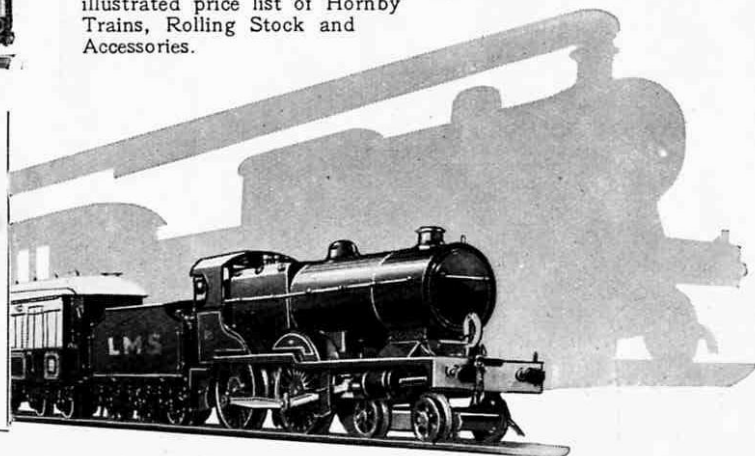
HORNBY TRAINS

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



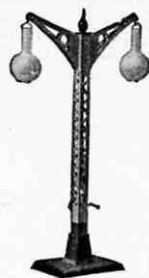
LUMBER WAGON No. 2. Price 4/-



TURNTABLE No. 1
Price 2/9



SINGLE WINE WAGON
Price 4/-



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



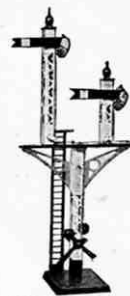
*HOPPER WAGON
Price 3/6



SIDE TIPPING WAGON
Price 2/6



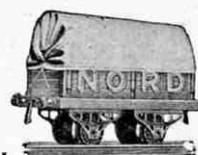
TROLLEY WAGON. Price 4/6



JUNCTION SIGNAL
Price 6/-



TIMBER WAGON No. 2. Price 3/6



COVERED WAGON
(French Type). Price 3/-



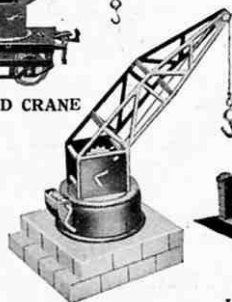
SIGNAL CABIN No. 2
Price 5/6



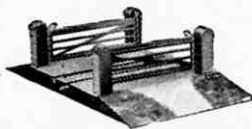
*BREAKDOWN VAN AND CRANE
Price 6/3



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



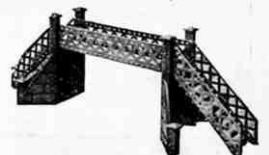
BUFFER STOPS No. 2
(HYDRAULIC) Price 5/6



MILK TANK WAGON
"UNITED DAIRIES"
Price 6/-



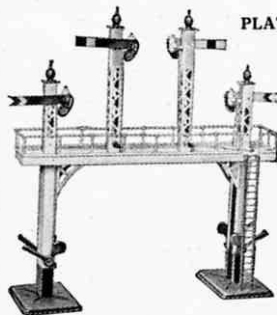
RAILWAY ACCESSORIES
No. 7
Watchman's Hut, Brazier
Shovel and Poker.
Price 1/6



FOOTBRIDGE No. 3. (Lat tice
Girder) Price 12/6



MILK TRAFFIC VAN
Price 3/6



SIGNAL GANTRY. Price 10/-



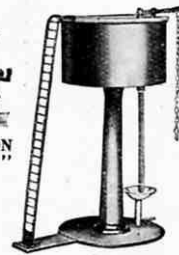
SIGNAL No. 2
Price 2/6



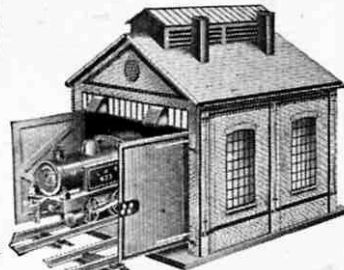
BITUMEN TANK
WAGON "COLAS"
Price 5/3



RAILWAY STATION. No. 2. Price 12/6
* Lettered L.M.S., L.N.E., G.W. or S.R.



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. 000 Meccano Outfit	..	..	..	..	..	2/-
" 00 "	..	..	..	..	..	3/6
" 0 "	..	..	..	..	..	5/-
" 1 "	..	..	..	..	..	10/-
" 2 "	..	..	..	..	..	16/-
" 3 "	..	..	..	..	..	27/6
" 4 "	..	..	..	..	..	52/6
" 5* " (Carton)	..	..	..	..	..	70/-
" 5* " Presentation Outfit	..	..	..	..	..	100/-
" 6* " Outfit (Carton)	..	..	..	..	..	125/-
" 6* " Presentation Outfit	..	..	..	..	..	155/-
" 7 "	..	..	..	..	..	450/-

ACCESSORY OUTFITS

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

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

MECCANO MOTORS, Etc.

Meccano Clockwork Motor	..	..	..	..	..	7/6
" Electric Motor No. E1 (6 Volts) non-reversing	..	..	..	..	..	7/6
" " " No. 6 (6 Volts)	..	..	..	..	..	15/6
" " " 20 (20 Volts)	..	..	..	..	..	21/-
Meccano Accumulator (2 Volts, 20 Amps.)	..	..	..	..	..	10/6
" " (6 " 20 " )	..	..	..	..	..	28/6

Transformer	..	..	..	..	..	30/-
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/-
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" " 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/-
" " 3C "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	Great Britain	Great Britain	Great Britain	Australia
250,378	671,485	682,209	718,404	14388/14
253,236	671,534	682,934	718,731	15136/14
290,121	671,790	683,011	733,541	13460/19
319,160	680,416	686,112	733,542	
648,958	682,208	698,054	740,413	
671,484			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" × ½" Double Angle Strips	2
5. 2½" " " ..	9	24. Bush Wheel	1	52. Perforated Flanged Plate, 5½" × 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" × ½"	8	36. Screwdriver	1	90A. Curved Strips, 2½" Small Radius	4
16. 3½" Axle Rods	2	37. Nuts and Bolts, ⅜"	16	111c. Bolts, ⅜" " " " ..	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

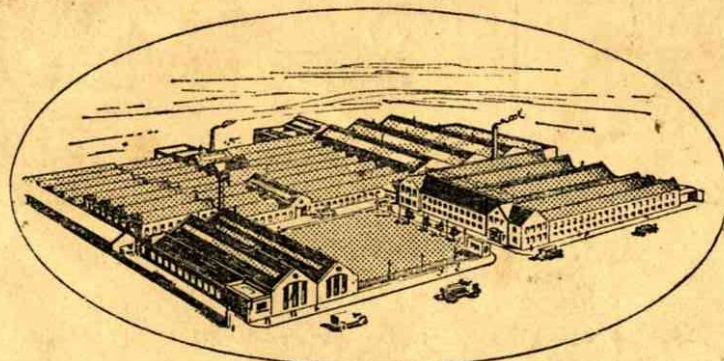
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