

# MECCANO

(TRADE MARKS 296321, 501113, 76, 12633, 10274, 55/13476, 569/13, 884/25, 2913, 80, 124, 336, 18066, 5403, 41812, 4174, 9048, 5549, 2389, 91637, 83171, 157149, 32822, 200639, 209739, 214081, 214082, 12892, 29094, 33316, 1818, 16737, 16900, 72286, 494933-4-6-6, 139420, 383/13, 5848, 50204, 10/12258, 22826, 18982, 20063/925, 2189, 7315, 29041, 26877, 6595, 404718)

HORNBY'S ORIGINAL SYSTEM—FIRST PATENTED IN 1901

## INSTRUCTIONS

FOR OUTFIT

### No. 0

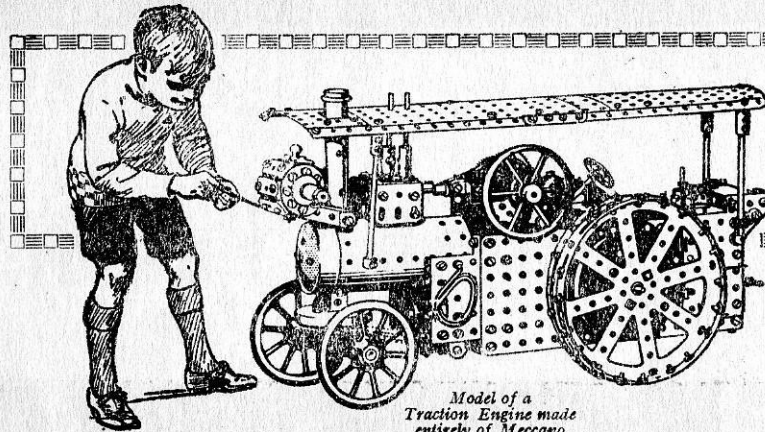


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No. 30.0

ENGLISH EDITION





*Model of a  
Traction Engine made  
entirely of Meccano*

## A TALK WITH NEW MECCANO BOYS

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

### HOW TO BUILD WITH MECCANO

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

### MECCANO ACCESSORY OUTFITS

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

### THE LIFE OF A MECCANO BOY

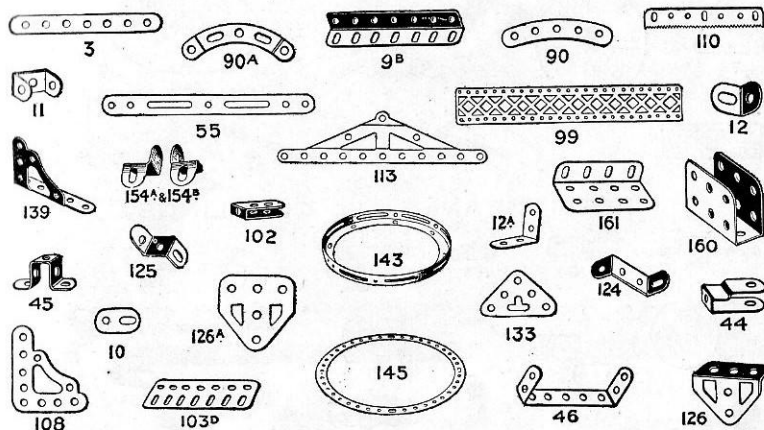
A Meccano boy is the happiest boy in the world. He builds models from the Meccano Instruction books ; invents new models ; enters the Competitions that are always being held in connection with the hobby ; joins the Meccano Guild and a Meccano Club and by wearing the Guild badge proclaims himself to be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

### MECCANO SERVICE

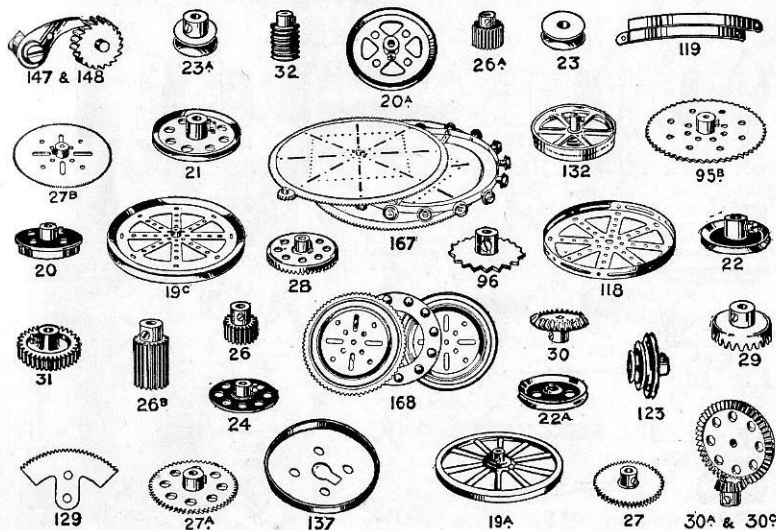
The service of Meccano does not end with selling an Outfit and an Instruction Manual. When you want to know something more about engineering than is now shown in our books, or when you strike a tough problem of any kind, write to us. We receive over 200 letters from boys every day all the year round.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

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

## STRIPS, GIRDERS AND BRACKETS



## WHEELS, GEARS, ETC.



## Particulars and Prices of Meccano Parts

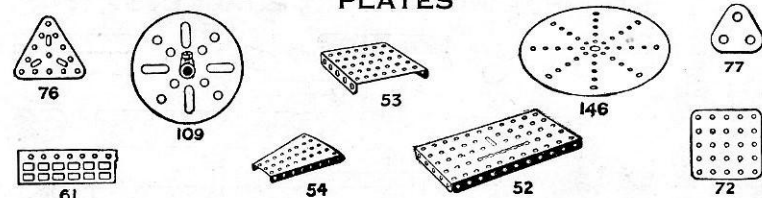
Perforated Strips				No.			
No.	s. d.	No.	s. d.	No.	s. d.	No.	s. d.
1.	12 1/2 doz. 1 0	3.	3 1/2 doz. 0 4	37.	Nuts and Bolts, 7/32"	per box (doz.)	0 4
1a.	9 1/2 doz. 0 9	4.	3 doz. 0 3	37a.	Nuts	"	0 2
1b.	7 1/2 doz. 0 8	5.	2 1/2 doz. 0 3	37b.	Bolts, 7/32"	"	0 1
2.	5 1/2 doz. 0 6	6.	2 doz. 0 3	38.	Washers	"	0 3
2a.	4 1/2 doz. 0 5	6a.	1 1/2 doz. 0 3	40.	Hanks of Cord	"	0 4
Angle Girders				41.	Propeller Blades	per pair	0 2
7.	24 1/2 each 0 8	9a.	4 1/2 doz. 0 10	43.	Springs	each	0 1
7a.	18 1/2 doz. 0 6	9b.	3 1/2 doz. 0 8	44.	Cranked Bent Strips	"	0 1
8.	12 1/2 doz. 1 9	9c.	3 doz. 0 8	45.	Double	"	0 6
8a.	9 1/2 doz. 1 3	9d.	2 1/2 doz. 0 7	Angle Strips, 2 1/2 x 1 1/2			
8b.	7 1/2 doz. 1 2	9e.	2 doz. 0 6	47.	"	"	0 9
9.	5 1/2 doz. 1 0	9f.	1 1/2 doz. 0 6	47a.	"	"	0 10
Flat Brackets				48.	"	"	0 4
10.	"	"	"	48a.	"	"	0 5
11.	Double Brackets	"	each 0 1	48b.	"	"	0 6
12.	Angle Brackets, 1 1/2 x 1 1/2	"	doz. 0 3	48c.	"	"	0 9
12a.	"	"	1 1/2 doz. 0 4	48d.	"	"	0 9
12b.	"	"	1 1/2 doz. 0 3	Eye Pieces, with boss			
Axle Rods				52.	Perforated Flanged Plates, 5 1/2 x 2 1/2	"	0 5
13.	11 1/2 each 0 2	16a.	2 1/2 doz. 0 1	52a.	Flat Plates, 5 1/2 x 3 1/2	"	0 5
13a.	8 1/2 doz. 0 2	16b.	3 doz. 0 1	53.	Perforated Flanged Plates, 3 1/2 x 2 1/2	"	0 3
14.	6 1/2 doz. 0 1	17.	2 doz. 0 1	53a.	Flat Plates, 4 1/2 x 2 1/2	"	0 3
15.	5 1/2 doz. 0 1	18a.	1 1/2 doz. 0 1	54.	Perforated Flanged Sector Plates	"	0 3
15a.	4 1/2 doz. 0 1	18b.	1 doz. 0 1	55.	Strips, slotted, 5 1/2" long	"	0 2
16.	3 1/2 doz. 0 1	"	"	55a.	"	"	0 1
19.	Crank Handles, Large...	"	each 0 2	Instruction Manuals, No. 4-7			
19a.	" Small	"	" 0 2	56.	" No. 00-3	"	1 9
19b.	"	"	" 0 6	56a.	" No. 0	"	0 6
19c.	Wheels, 3" diam., with set screws	"	0 5	Meccano Standard Mechanisms Manual			
19d.	Flanged Wheels, 1 1/2" diam.	"	0 4	57.	Book of New Models	"	0 6
20b.	"	"	0 4	57a.	Bound Manual	"	7 6
Pulley Wheels				58.	Hooks	2 for 0 1	0 1
19b.	3" dia. with centre boss and set screw	each	0 7	57a.	" Scientific	each 0 1	0 3
19c.	6" " " " " " "	"	0 5	57b.	" Loaded	"	0 3
20a.	2" " " " " " "	"	0 4	58.	Spring Cord	per length 0 9	0 9
21.	1 1/2" " " " " " "	"	0 3	58a.	Coupling Screws for Spring Cord	doz. 0 6	0 6
22.	1" " " " " " "	"	0 3	59.	Collars with Set Screws	2 for 0 3	0 3
23a.	1/2" " " " " " "	"	0 2	61.	Windmill Sails	4 for 0 6	0 6
22a.	1" without	"	0 2	62.	Cranes	each 0 3	0 3
23.	3/4" " " " " " "	"	0 4	62a.	Threaded Cranks	"	0 4
24.	Bush Wheels	"	0 6	62b.	Double Arm Cranks	"	0 3
25.	Pinion Wheels, 3/4" diam., 1/2" wide	"	0 8	63.	Couplings	"	0 6
25a.	" 1/2" diam., 1/2" wide	"	0 10	63a.	Octagonal Couplings	"	0 8
25b.	" 1/2" diam., 1/2" wide	"	0 4	63b.	Strip Couplings	"	0 8
26a.	" 1/2" diam., 1/2" wide	"	0 6	63c.	Threaded Couplings	"	0 2
26b.	" 1/2" diam., 1/2" wide	"	0 8	64.	" Bosses	"	0 1
Gear Wheels				65.	Centre Forks	"	1 0
27.	50 teeth to gear with 1/2" pinion	each	0 6	66.	Weights, 50 grammes	"	1 0
27a.	57 " " " " " "	"	0 6	67.	" 25	"	0 3
27b.	133 " " " " " "	"	1 3	68.	Wood screws, 1/2"	doz. 0 3	0 3
28.	Contrate Wheels, 1 1/2" diam.	"	0 9	69.	Set Screws	"	0 4
29.	" " " " " "	"	0 6	69a.	Grub Screws, 5/32"	"	0 5
30.	Bevel Gears, 2 1/2" 26 teeth	"	0 9	69b.	" 7/32"	"	0 4
30a.	" 1 1/2" 16 " " " " " "	"	0 6	70.	Flat Plates, 5 1/2 x 2 1/2	each 0 2	0 2
30c.	" 1 1/2" 48 " " " " " "	"	1 6	72.	" 2 1/2 x 2 1/2	"	0 2
31.	Gear Wheels, 1", 38 teeth	"	1 0	76.	Triangular Plates, 2 1/2"	"	0 1
32.	Worms	"	0 5	77.	" 1"	"	0 1
34.	Spanners	"	0 2	Screwed Rods			
34b.	Box Spanners	"	0 4	78.	11 1/2 each 0 6	80a. 3 1/2" each 0 3	0 3
35.	Spring Clips	per box (doz.)	0 3	79.	8" " 0 5	80b. 4 1/2" " 0 2	0 2
36.	Screwdrivers	each 0 3	0 3	79a.	6" " 0 4	81. 2" " 0 1	0 1
36a.	Extra Long	"	0 6	80.	5" " 0 3	82. 1" " 0 2	0 2
36b.	Special	"	1 0	89.	5 1/2" Curved Strips, 10" radius	"	0 2

# Particulars and Prices of Meccano Parts (continued)

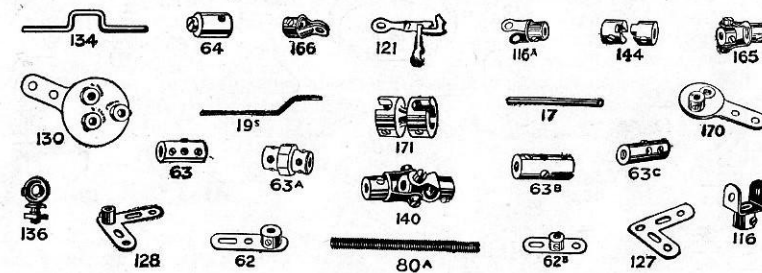
No.		s.	d.	No.		s.	d.
89a.	3" Curved Strips, cranked, $1\frac{1}{2}$ " radius, 4 to circle each	0	2	128.	Boss Bell Cranks	each	0 3
90.	2 $\frac{1}{2}$ " " " 2 $\frac{1}{2}$ " radius	0	1	129.	Rack Segments, 3" diam.	...	0 5
90a.	2 $\frac{1}{2}$ " " " cranked, $1\frac{1}{2}$ " radius, 4 to circle	0	1	130.	Eccentrics, Triple Throw	...	1 0
94.	Sprocket Chain	per 40" length	0 6	131.	Dredger Buckets	...	$\frac{1}{2}$ doz. 1 0
95.	" Wheels, 2" diam.	each	0 5	132.	Flywheels, 2 $\frac{1}{2}$ " diam.	each	2 0
95a.	" " 1 $\frac{1}{2}$ " " "	each	0 4	133.	Corner Brackets	...	0 1
95b.	" " 3" " "	each	0 6	134.	Crank Shafts, 1" stroke	...	0 2
96.	" " 1" " "	each	0 3	135.	Theodolite Protractors	...	0 3
96a.	" " 3" " "	each	0 3	136.	Handrail Supports	...	0 3
97.	Braced Girders, 3 $\frac{1}{2}$ " long	$\frac{1}{2}$ doz.	0 9	137.	Wheel Flanges	...	0 3
97a.	" " 3" " "	each	0 8	138.	Ship's Funnels	...	0 3
98.	" " 2 $\frac{1}{2}$ " " "	each	0 8	*138a.	" " " "	...	0 9
99.	" " 12 $\frac{1}{2}$ " " "	each	2 6	139.	Flanged Brackets (right)	...	0 2
99a.	" " 9 $\frac{1}{2}$ " " "	each	2 0	139a.	" (left)	...	0 2
99b.	" " 7 $\frac{1}{2}$ " " "	each	2 0	140.	Universal Couplings	...	0 10
100.	" " 5 $\frac{1}{2}$ " " "	each	1 0	141.	Wire Lines (for suspending clock weights)	...	0 9
100a.	" " 4 $\frac{1}{2}$ " " "	each	0 10	142.	Rubber Rings, 3" rim	...	0 3
101.	Healds, for looms	doz.	0 9	142a.	Dunlop Tyre to fit 2" diam. rim	2 for	0 1
102.	Single Bent Strips	each	0 1	142b.	" " 3" " "	each	0 6
103.	Flat Girders, 5 $\frac{1}{2}$ " long	$\frac{1}{2}$ doz.	0 10	142c.	" " 1 $\frac{1}{2}$ " " "	each	0 3
103a.	" " 9 $\frac{1}{2}$ " " "	each	1 2	142d.	" " 1 $\frac{1}{2}$ " " "	each	0 4
103b.	" " 12 $\frac{1}{2}$ " " "	each	1 3	143.	Circular Girders, 5 $\frac{1}{2}$ " diam.	...	1 0
103c.	" " 4 $\frac{1}{2}$ " " "	each	0 9	144.	Dog Clutches	...	0 6
103d.	" " 3 $\frac{1}{2}$ " " "	each	0 7	145.	Circular Strips, 7" diam. over all	...	0 9
103e.	" " 3" " "	each	0 6	146.	Plates, 6" " "	...	1 0
103f.	" " 2 $\frac{1}{2}$ " " "	each	0 5	147.	Pawls, with pivot bolt and nuts...	...	0 3
103g.	" " 2" " "	each	0 4	147a.	Pawls	...	0 2
103h.	" " 1 $\frac{1}{2}$ " " "	each	0 4	147b.	Pivot Bolt with 2 nuts	...	0 2
103k.	" " 7 $\frac{1}{2}$ " " "	each	1 0	148.	Ratchet Wheels	...	0 6
104.	Shuttles, for looms	each	5 0	149.	Collecting Shoes, for Electric Locos	...	1 6
105.	Reed Hooks, for looms	each	0 4	150.	Crane Grabs	...	0 7
106.	Wood Rollers	each	1 6	151.	Pulley Blocks, Single Sheave	...	0 8
106a.	Sand Rollers	each	1 9	152.	" Two " "	...	0 9
107.	Tables for Designing Machines	each	1 6	153.	" Three " "	...	1 0
108.	Architraves	each	0 2	154a.	Corner Angle Brackets, $\frac{1}{2}$ " right hand	$\frac{1}{2}$ doz.	0 6
109.	Face Plates, 2 $\frac{1}{2}$ " diam.	each	0 4	154b.	Corner Angle Brackets, $\frac{1}{2}$ " left hand	each	0 6
110.	Rack Strips, 3 $\frac{1}{2}$ " " "	each	0 2	155.	Rubber Rings, $\frac{1}{2}$ " " "	each	0 1
110a.	" " 6 $\frac{1}{2}$ " " "	each	0 3	156.	Pointers, 2 $\frac{1}{2}$ " over all, with boss	...	0 4
111.	Bolts, $\frac{3}{8}$ " " "	2 for	0 1	157.	Fans, 2" diam.	...	0 4
111a.	" " " "	3 for	0 1	158a.	Signal Arms, Home	...	0 5
111c.	" " " "	doz.	0 3	158b.	" Distant	...	0 5
113.	Girder Frames	each	0 3	159.	Circular Saws	...	1 0
114.	Hinges	per pair	0 4	160.	Channel Bearings, $1\frac{1}{2}$ " x $1\frac{1}{2}$ " x $\frac{1}{2}$ "	...	0 2
115.	Threaded Pins	each	0 2	161.	Girder Brackets, 2" x $1\frac{1}{2}$ " x $\frac{1}{2}$ "	2 for	0 3
116.	Fork Pieces, Large	each	0 3	162.	Boiler complete with ends	each	1 0
116a.	" Small	each	0 3	162a.	" ends	...	0 3
117.	Steel Balls, $\frac{3}{8}$ " diam.	doz.	0 6	162b.	" without ends	...	0 6
118.	Hub Discs, 5 $\frac{1}{2}$ " " "	each	1 3	163.	Sleeve Pieces	per pair	0 6
119.	Channel Segments (8 to circle, $11\frac{1}{2}$ " diam.)	...	0 4	164.	Chimney Adaptors	each	0 2
120.	Buffers	each	0 2	165.	Swivel Bearings	...	0 6
120a.	Spring Buffers	per pair	0 8	166.	End	...	0 3
120b.	Compression Springs	each	0 1	167.	Geared Roller Bearings	...	20 0
121.	Train Couplings	each	0 2	167a.	Roller Races, geared, 192 teeth	...	4 6
122.	Miniature Loaded Sacks	each	0 2	167b.	Ring Frames for Rollers	...	3 0
123.	Cone Pulleys	each	1 3	167c.	Pinions for Roller Bearings, 16 teeth	...	1 0
124.	Reversed Angle Brackets, 1" " "	$\frac{1}{2}$ doz.	0 4	168.	Ball Bearings, 4" diam.	...	3 0
125.	" " 1 $\frac{1}{2}$ " " "	each	0 3	168a.	" Races, flanged disc.	...	0 6
126.	Trunnions	each	0 2	168b.	" toothed	...	0 9
126a.	Flat Trunnions	each	0 1	168c.	" Casings, complete with balls	...	1 9
127.	Simple Bell Cranks	each	0 1	169.	Digger Buckets	...	2 0
				170.	Eccentrics, $\frac{1}{2}$ " throw	...	0 9
				171.	Socket couplings	...	0 9

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

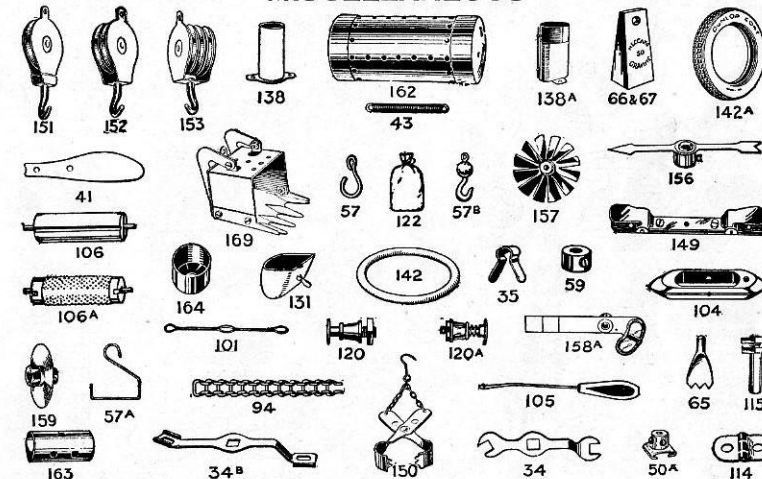
## PLATES



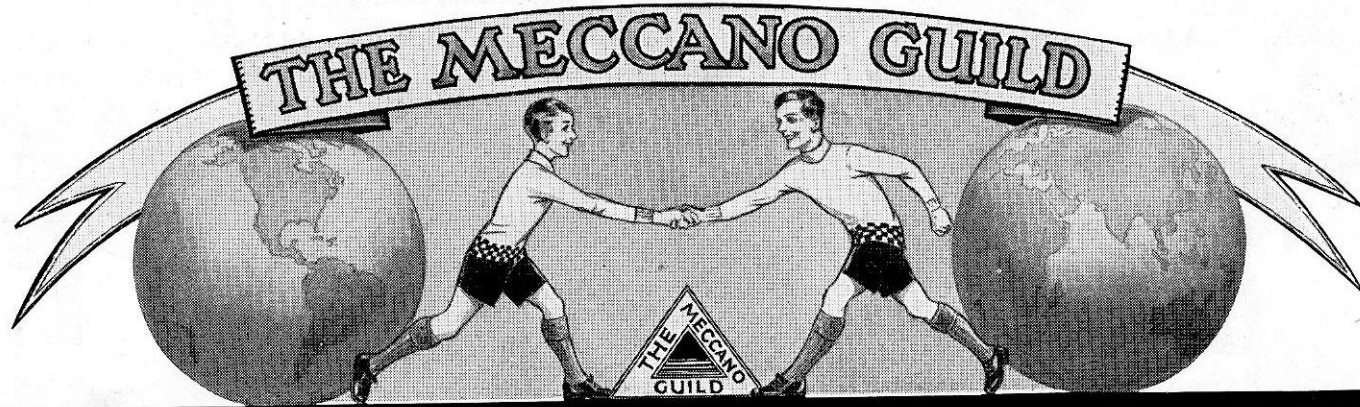
## RODS, CRANKS AND COUPLINGS



## MISCELLANEOUS







## WHAT THE GUILD MEANS

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

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

## HOW TO BECOME A MEMBER

MEMBERSHIP of the Guild is open to every boy possessing a Meccano Outfit, or Hornby Train Set, who satisfactorily fills in the prescribed application form. The only conditions are that members promise to observe the objects of the Guild and to wear their badges on all possible occasions.

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

## MECCANO CLUBS

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

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



BADGE OF  
MEMBERSHIP



GUILD  
LEADER'S  
BADGE



MECCANO GUILD  
MEMBER'S CERTIFICATE



RECRUITING MEDALLION

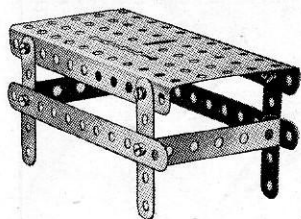


SPECIAL MERIT MEDALLION

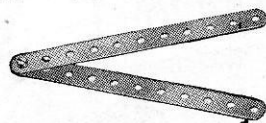


All these Models can be built with MECCANO Outfit No. 00

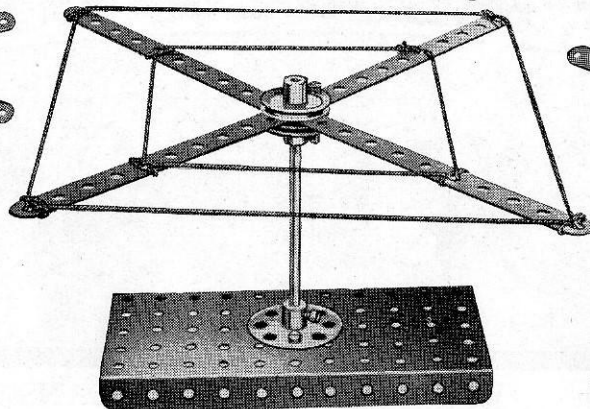
Model No. 00.1 Table



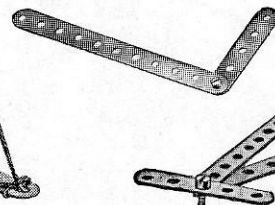
Model No. 00.3 Dividers



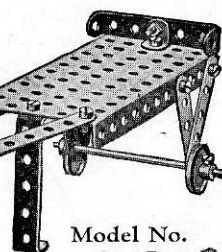
Model No. 00.8 Clothes Hanger



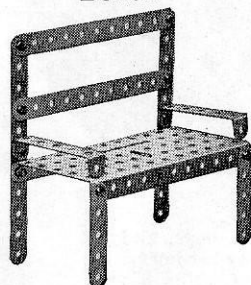
Model No. 00.12  
Carpenter's Square



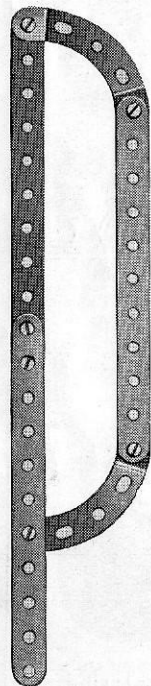
Model No. 00.16  
Shipyard Bogie



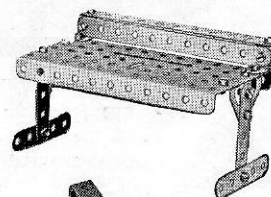
Model No. 00.4  
Bench



Model No. 00.2  
Meat Saw



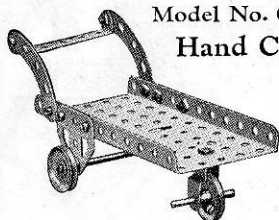
Model No. 00.13 Desk



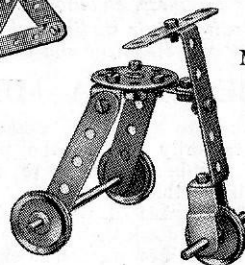
Model No.  
00.17  
Rifle with  
Bayonet



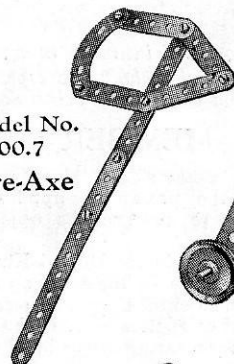
Model No. 00.5  
Hand Cart



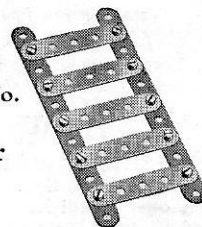
Model No. 00.9  
Velocipede



Model No.  
00.7  
Fire-Axe



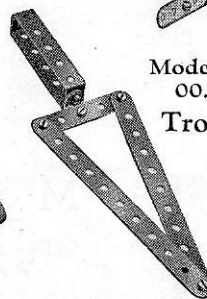
Model No.  
00.10  
Ladder



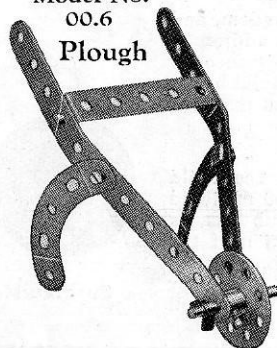
Model No. 00.18  
Farm Sight



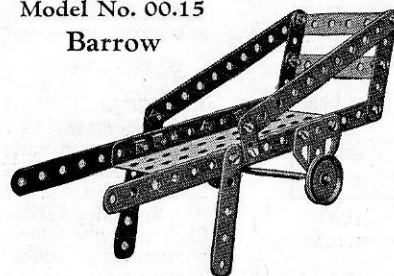
Model No.  
00.14  
Trowel



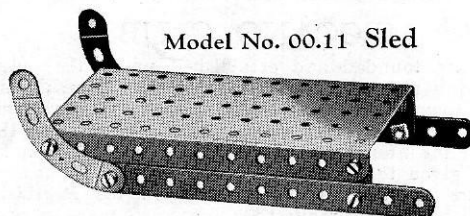
Model No.  
00.6  
Plough



Model No. 00.15  
Barrow



Model No. 00.11 Sled

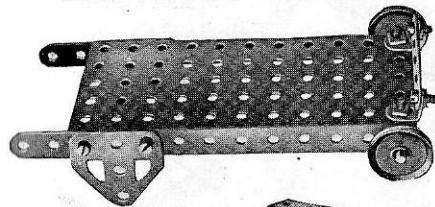
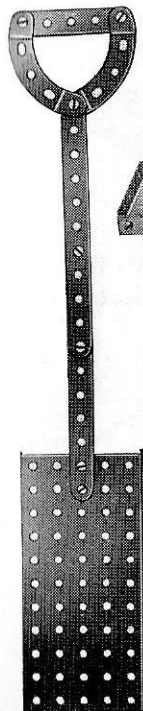
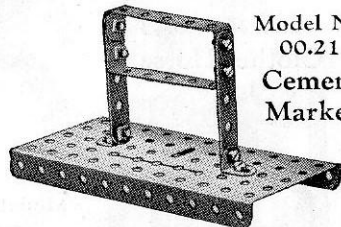




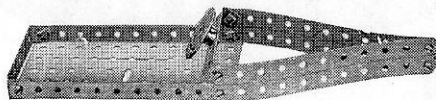
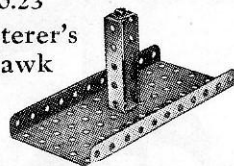
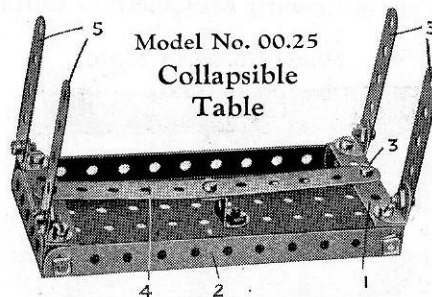
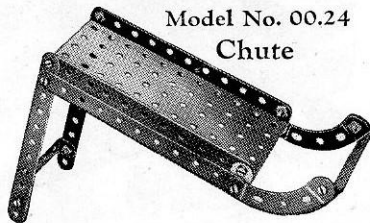
All these Models can be built with MECCANO Outfit No. 00

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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  
Chute

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

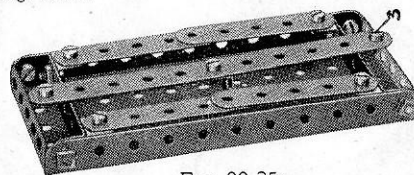
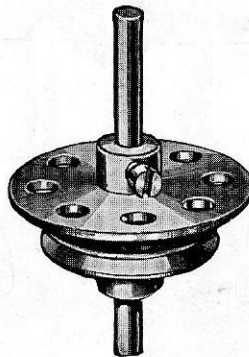
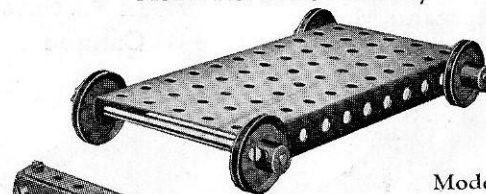
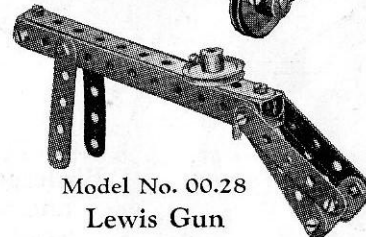
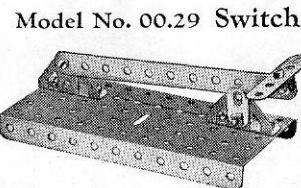


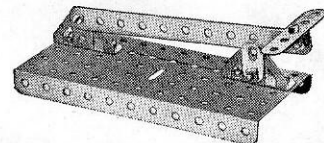
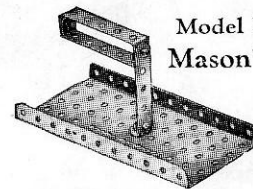
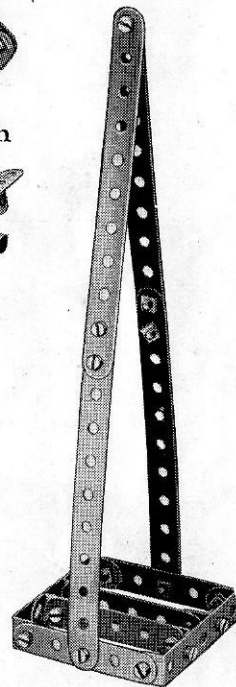
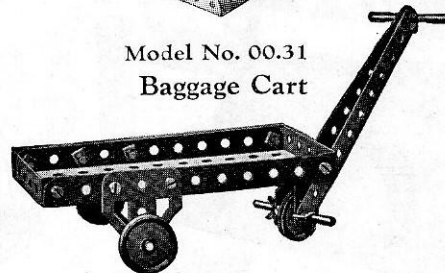
FIG. 00.25A

Model No. 00.26  
Spinning Top

Model No. 00.27 Trolley

Model No.  
00.32  
Potato  
ChopperModel No. 00.28  
Lewis Gun

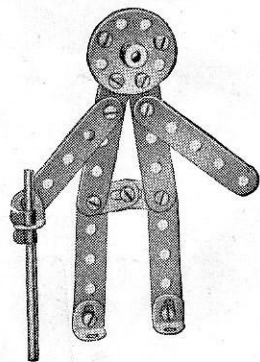
Model No. 00.29 Switch

Model No. 00.30  
Mason's TrowelModel No. 00.31  
Baggage Cart

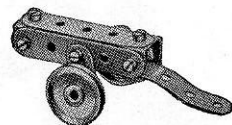


All these Models can be built with MECCANO Outfit No. 00

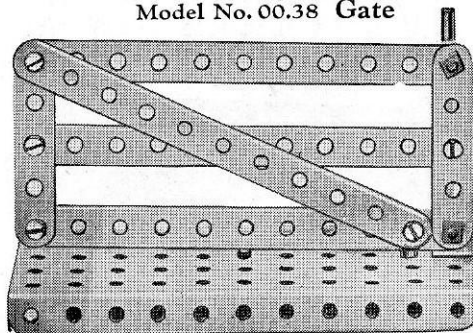
Model No. 00.33  
Meccano Man



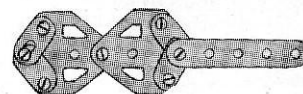
Model No. 00.36  
Cannon



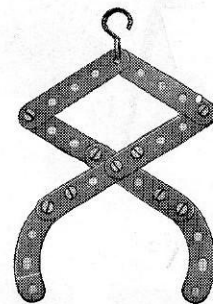
Model No. 00.38 Gate



Model No. 00.42  
Violin



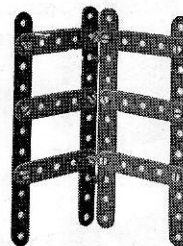
Model No. 00.44  
Friction Grip Tongs



Model No.  
00.37  
Birdcage  
and  
Stand



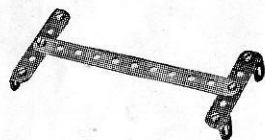
Model No. 00.43  
Clothes Horse



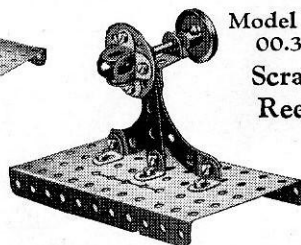
Model No. 00.45  
Rake



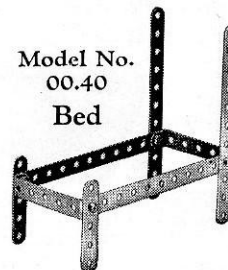
Model No. 00.34  
Track Gauge



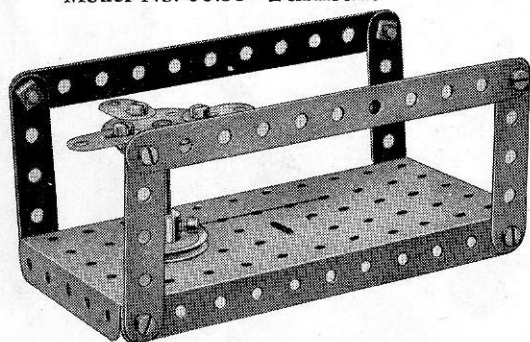
Model No.  
00.39  
Scrap  
Reel



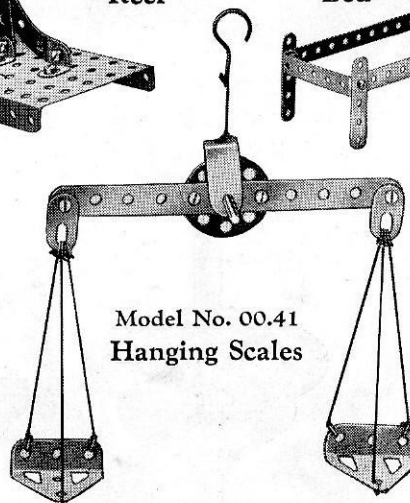
Model No.  
00.40  
Bed



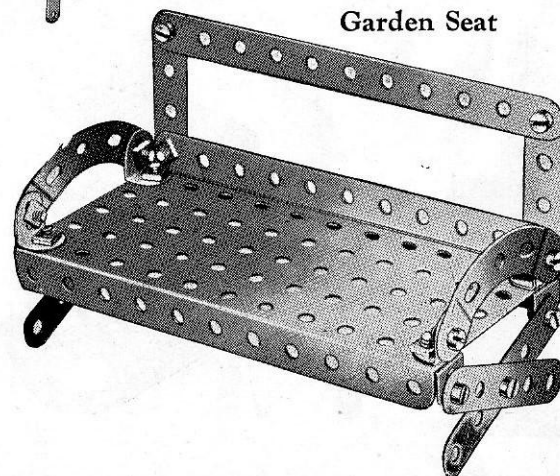
Model No. 00.35 Turnstile



Model No. 00.41  
Hanging Scales

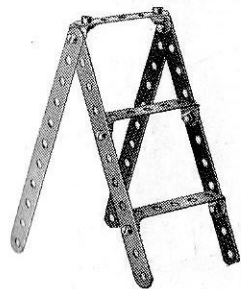


Model No. 00.46  
Garden Seat

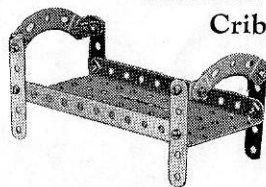


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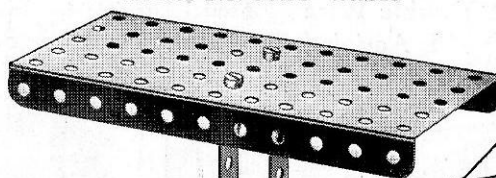
Model No. 00.47  
Step Ladder



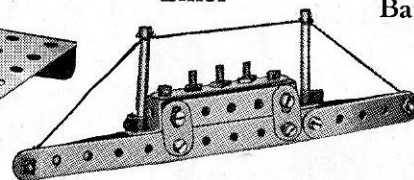
Model No. 00.50  
Crib



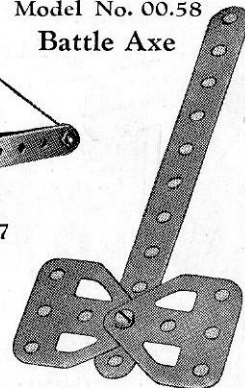
Model No. 00.53 Table



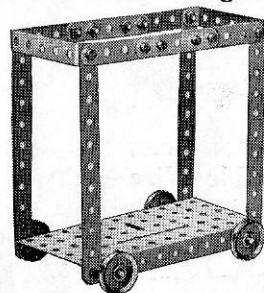
Model No. 00.55  
Liner



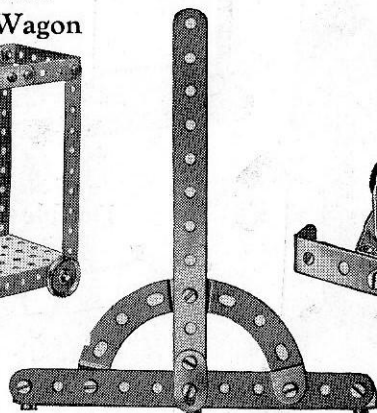
Model No. 00.58  
Battle Axe



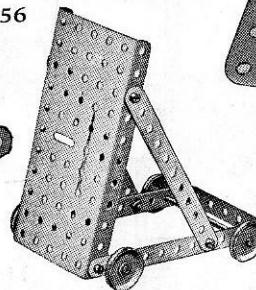
Model No. 00.51  
Refreshment Wagon



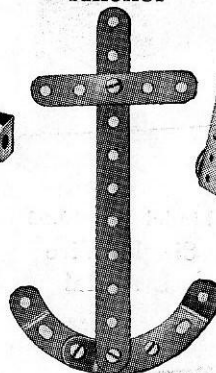
Model No. 00.52  
Rake



Model No. 00.57  
Gravel Sifter



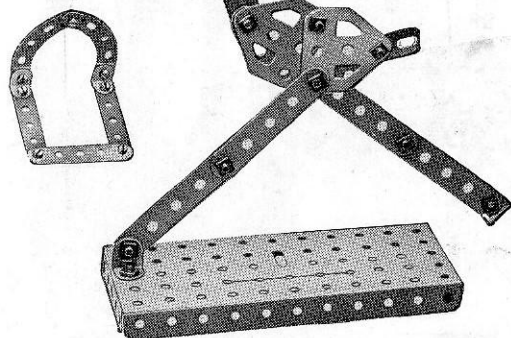
Model No. 00.56  
Anchor



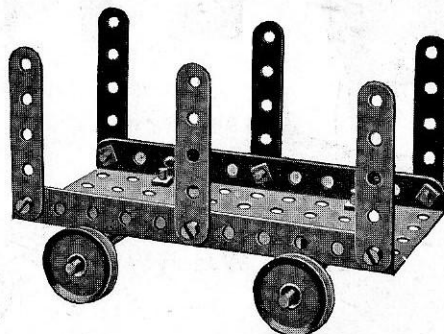
Model No. 00.48  
Ostrich



Model No. 00.49  
Book End



Model No. 00.54 Timber Truck



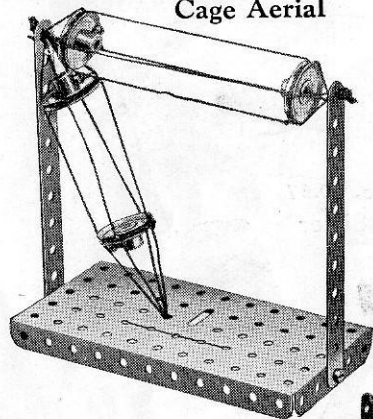
Model No.  
00.59  
Mail  
Bag  
Hanger



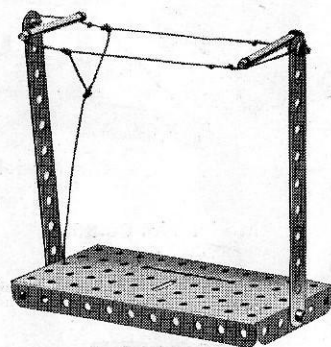


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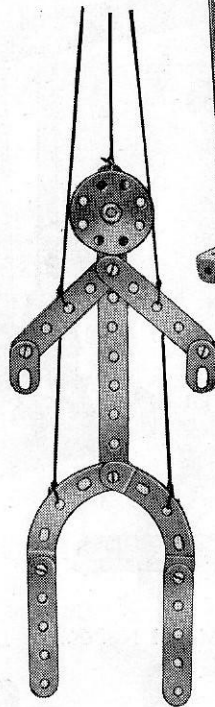
Model No. 00.60  
Cage Aerial



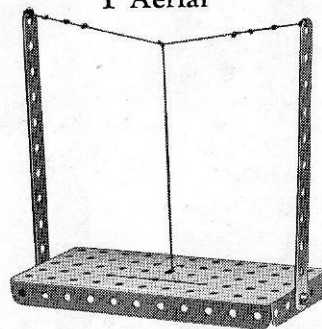
Model No. 00.62 Double Wire  
L Aerial



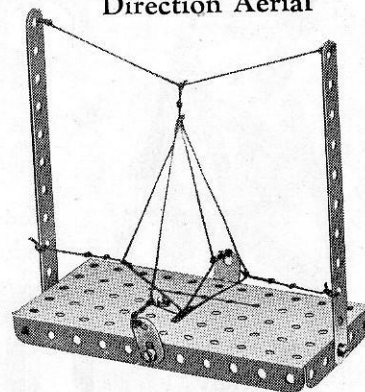
Model No. 00.64  
Jumping Jack



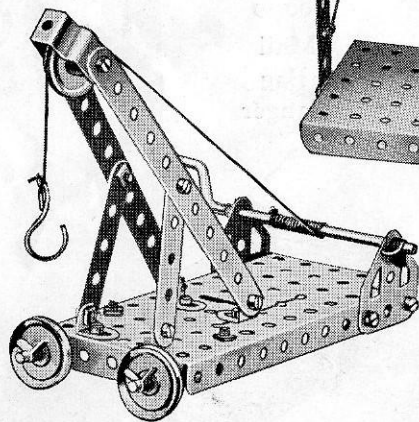
Model No. 00.66  
Single Wire  
T Aerial



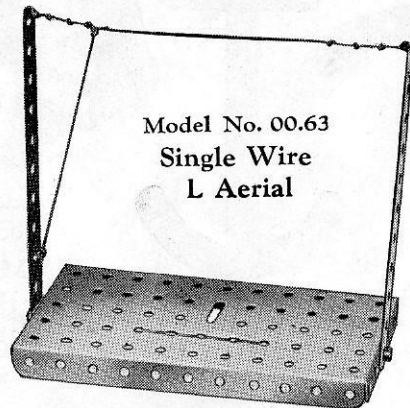
Model No. 00.68  
Direction Aerial



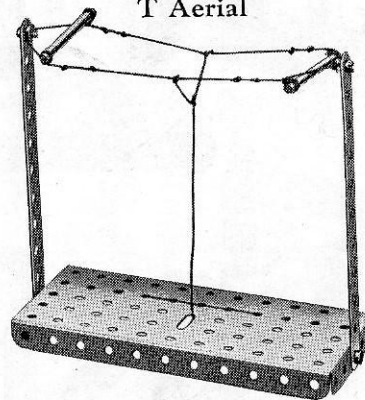
Model No. 00.61  
Revolving Crane



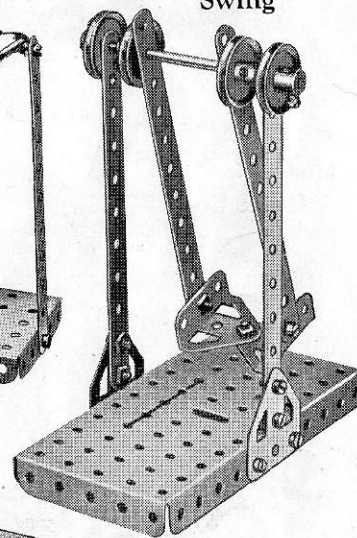
Model No. 00.63  
Single Wire  
L Aerial



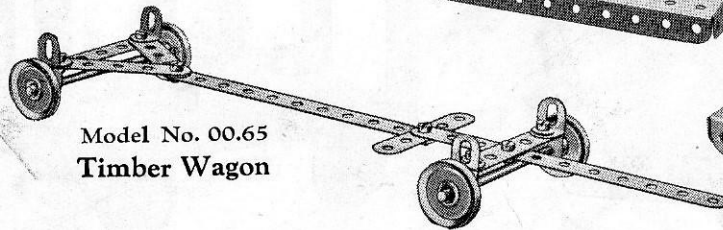
Model No. 00.67  
Double Wire  
T Aerial



Model No. 00.69  
Swing



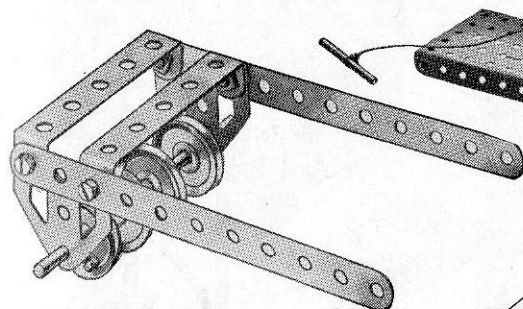
Model No. 00.65  
Timber Wagon



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

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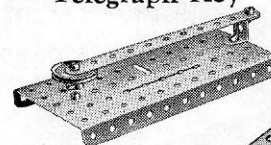
Model No. 00.70 Field Roller



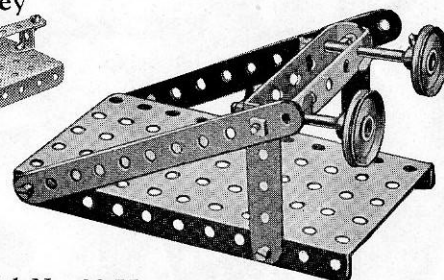
Model No. 00.73 Cheese Cutter



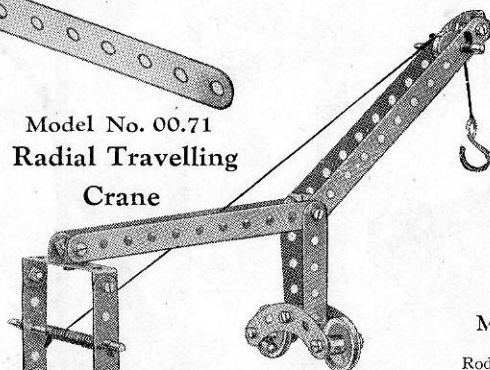
Model No. 00.76 Telegraph Key



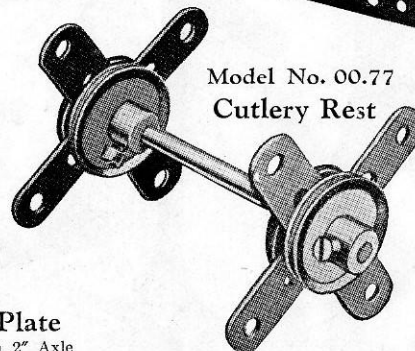
Model No. 00.79 Buffers



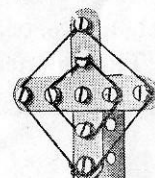
Model No. 00.71 Radial Travelling Crane



Model No. 00.77 Cutlery Rest

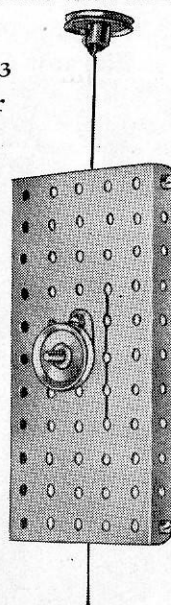


Model No. 00.80 Frame Aerial

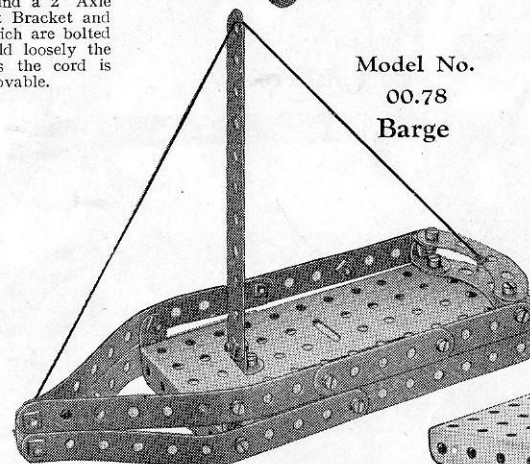


Model No. 00.74 Magic Plate

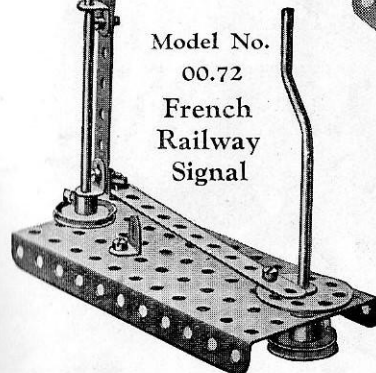
The cord is wound once round a 2" Axle Rod that is journaled in a Flat Bracket and a 1/2" Reversed Angle Bracket, which are bolted to the Plate. If the cord is held loosely the plate will drop, but as soon as the cord is tightened the plate becomes immovable.



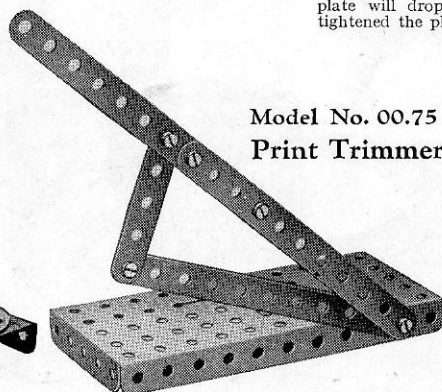
Model No. 00.78 Barge



Model No. 00.72 French Railway Signal



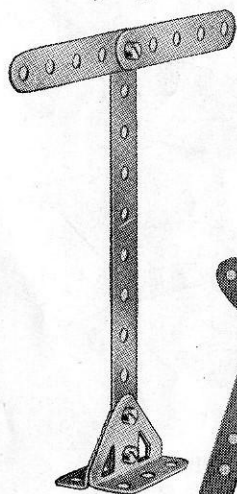
Model No. 00.75 Print Trimmer





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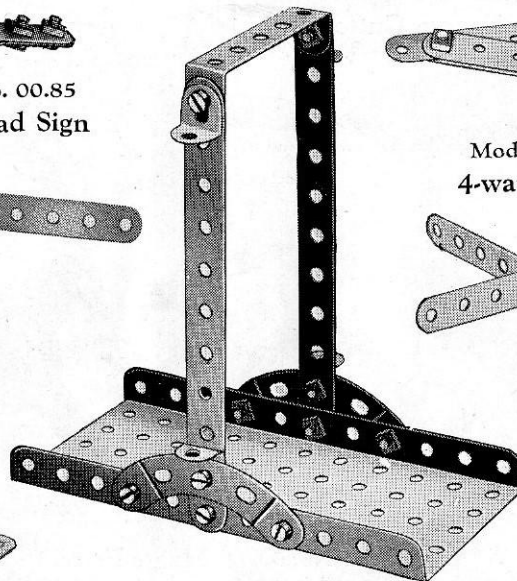
Model No. 00.81  
2-way Sign Post



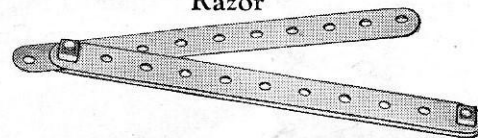
Model No. 00.83 Tweezers



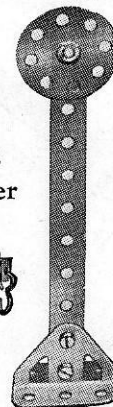
Model No. 00.88  
Elevator Car



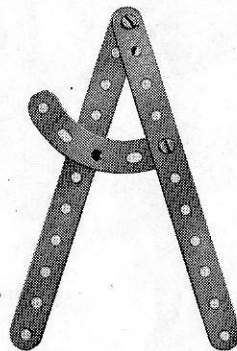
Model No. 00.90  
Razor



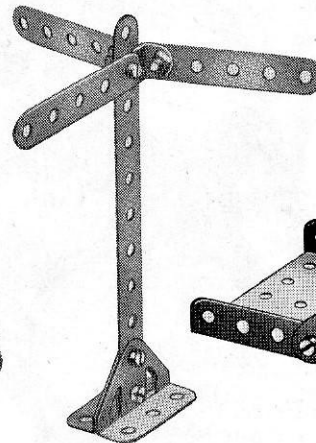
Model No. 00.94  
Road Sign



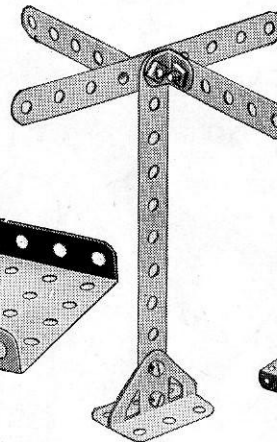
Model No.  
00.84  
Dividers



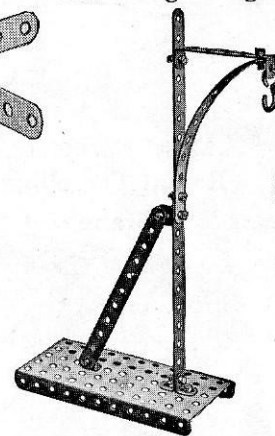
Model No. 00.85  
3-way Road Sign



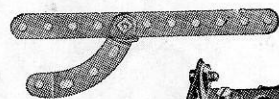
Model No. 00.91  
4-way Road Sign



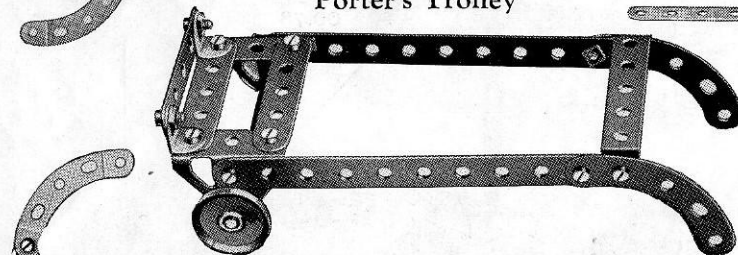
Model No. 00.92  
Mail Bag Hanger



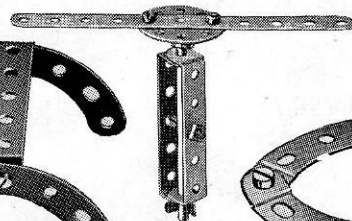
Model No. 00.82  
Tin Opener



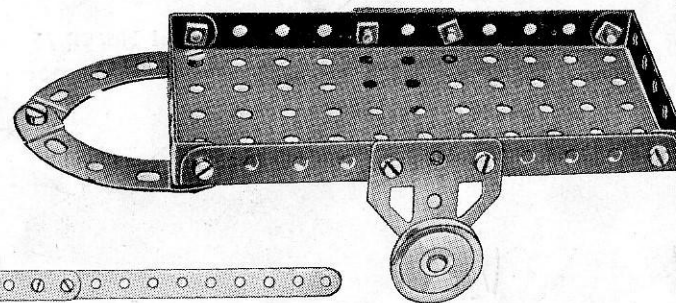
Model No. 00.86  
Porter's Trolley



Model No. 00.89  
Propeller



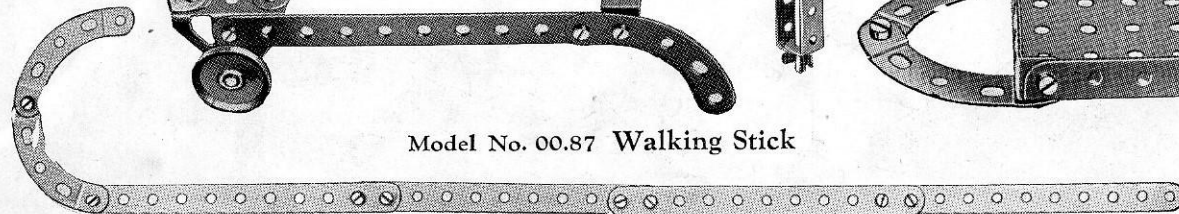
Model No. 00.93 Hand Truck



Model No.  
00.95  
Street  
Lamp

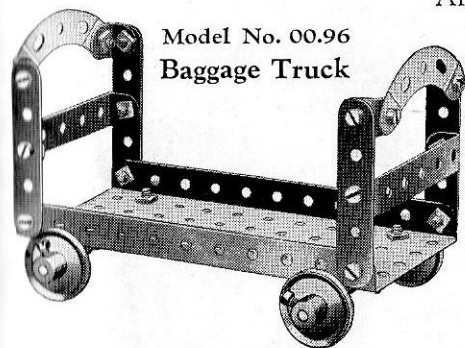


Model No. 00.87 Walking Stick



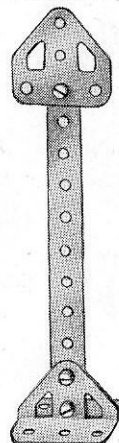
All these Models can be built with MECCANO Outfit No. 00

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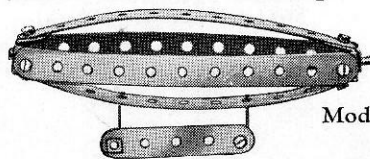


Model No. 00.96  
Baggage Truck

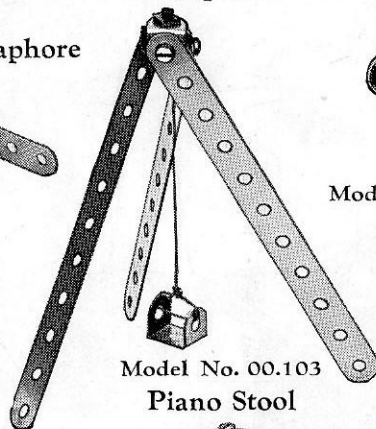
Model No. 00.99  
Road Sign



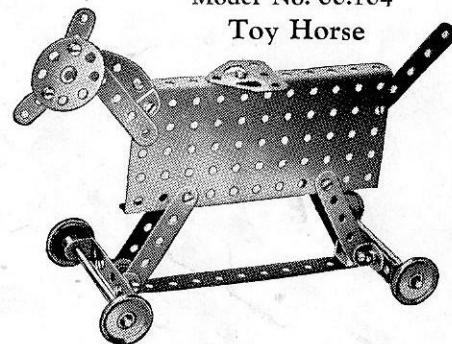
Model No. 00.100 Airship



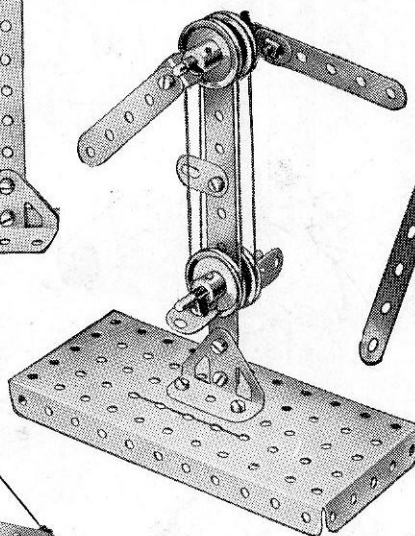
Model No. 00.102  
Tripod



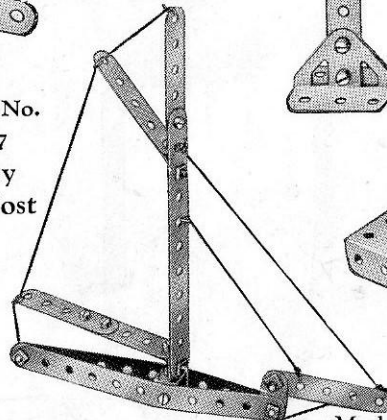
Model No. 00.104  
Toy Horse



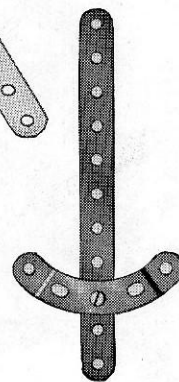
Model No. 00.101 Semaphore



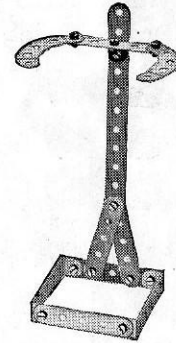
Model No. 00.98  
Yacht



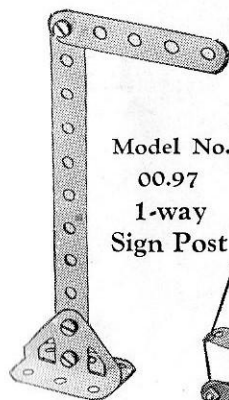
Model No. 00.105  
Sword



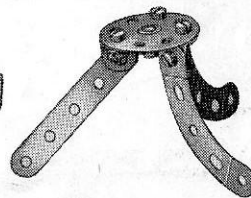
Model No. 00.106  
Umbrella Stand



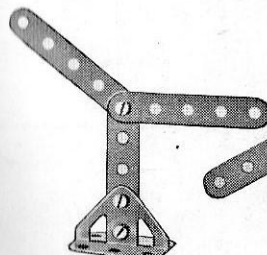
Model No.  
00.97  
1-way  
Sign Post



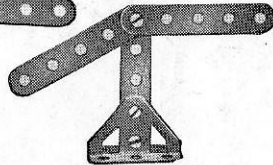
Model No. 00.103  
Piano Stool



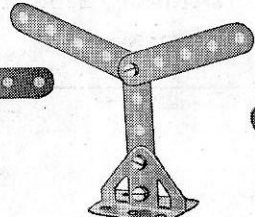
Models Nos. 00.107—00.114 Gradient Indicators



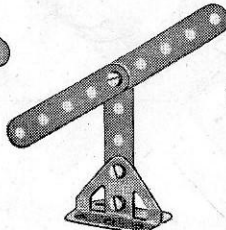
00.107



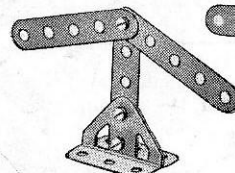
00.108



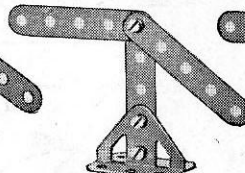
00.109



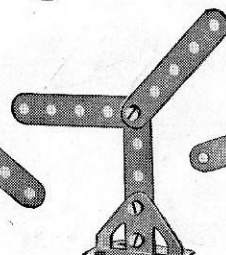
00.110



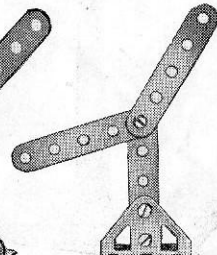
00.111



00.112



00.113

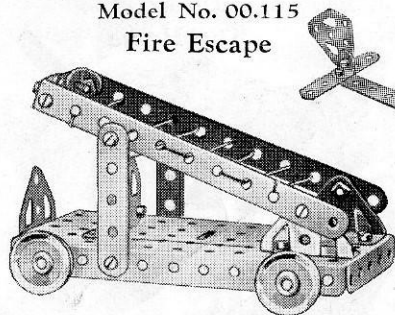


00.114

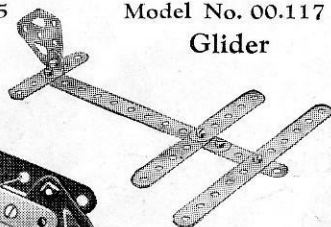


All these Models can be built with MECCANO Outfit No. 00

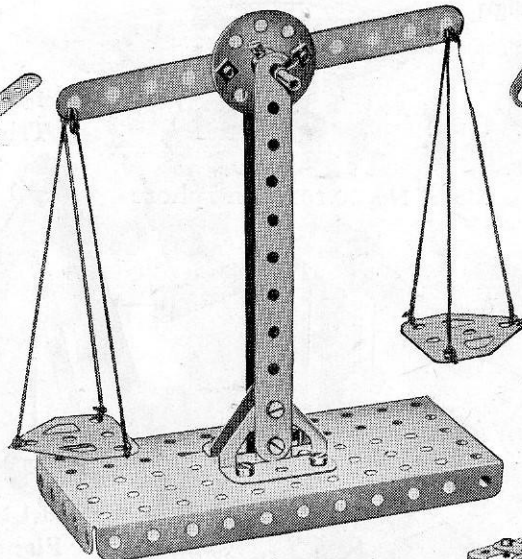
Model No. 00.115  
Fire Escape



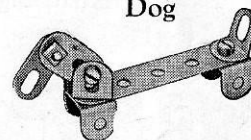
Model No. 00.117  
Glider



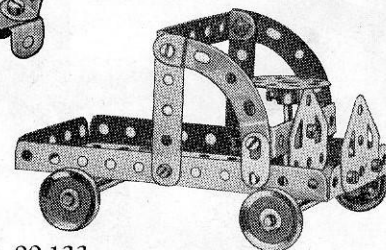
Model No. 00.120 Scales



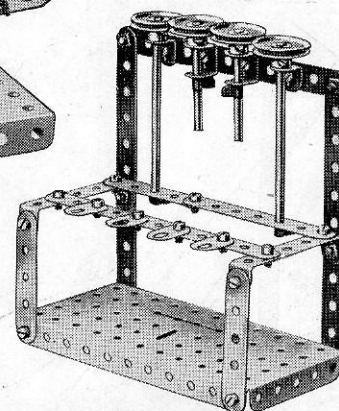
Model No. 00.122  
Dog



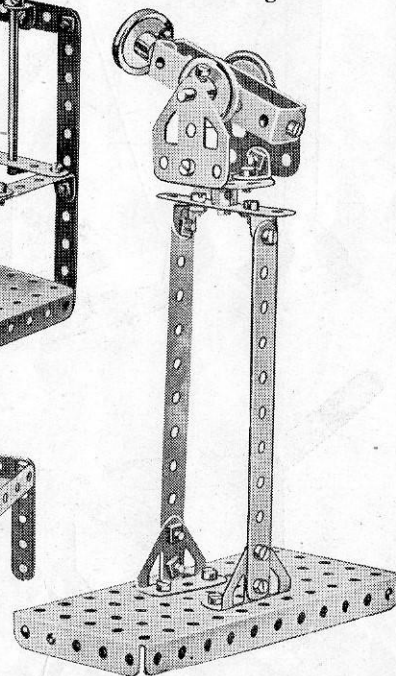
Model No. 00.125  
Motor Car



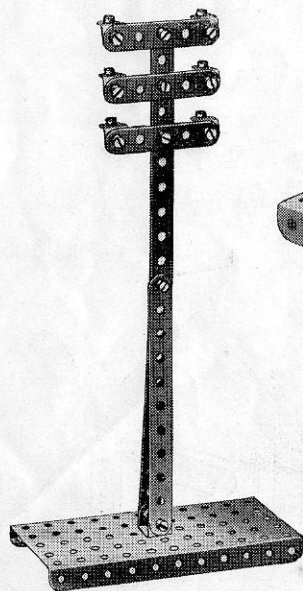
Model No. 00.123  
Organ



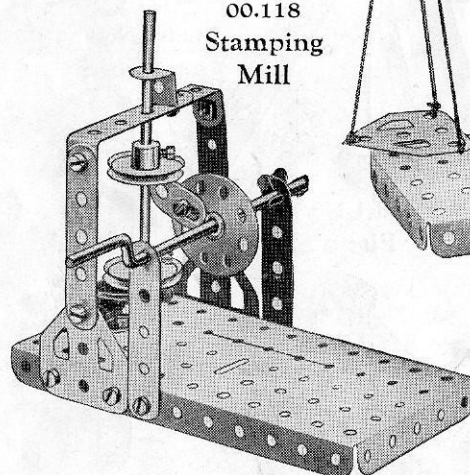
Model No. 00.126  
Searchlight



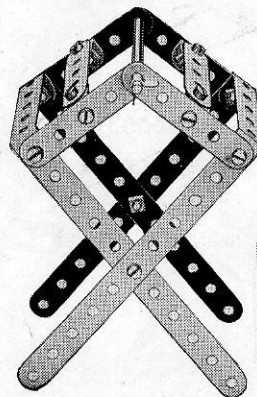
Model No. 00.116  
Telegraph Pole



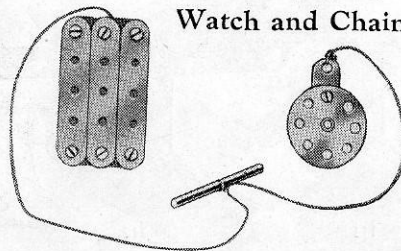
Model No.  
00.118  
Stamping  
Mill



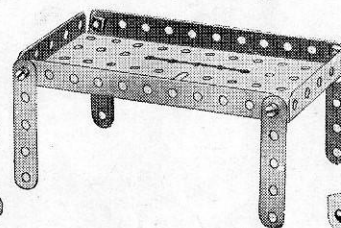
Model No. 00.121  
Clothes  
Drying Frame



Model No. 00.119  
Watch and Chain

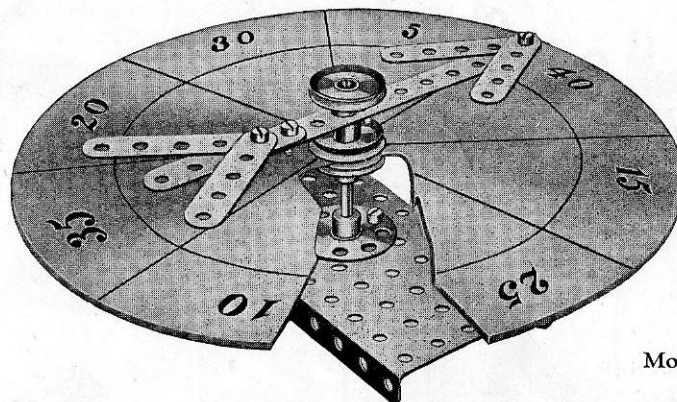


Model No. 00.124  
Drinking Trough



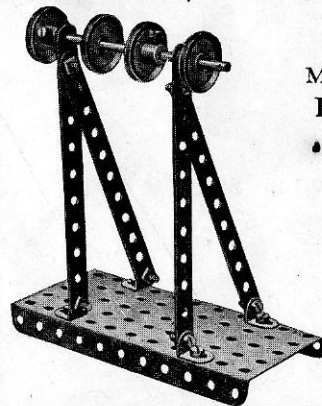
All these Models can be built with MECCANO Outfit No. 00

### Model No. 00.132 Roulette Wheel

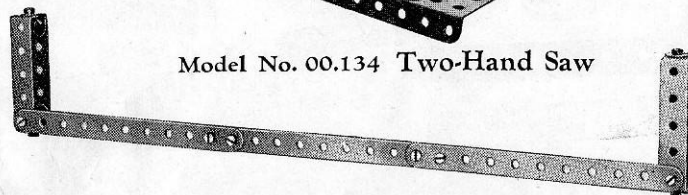


Cut out a circular piece of cardboard, and mark as shown to form scoring board. This is clamped between two 1" Pulley Wheels. The pointer revolves freely on the upright spindle and is held in position by another 1" Pulley Wheel.

### Model No. 00.133 Pulley Shafting



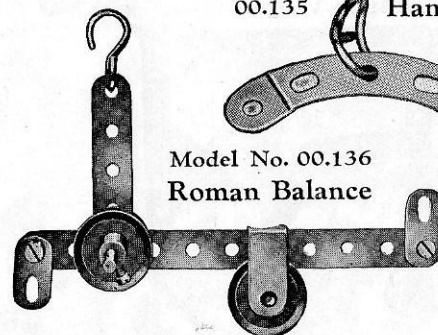
### Model No. 00.134 Two-Hand Saw



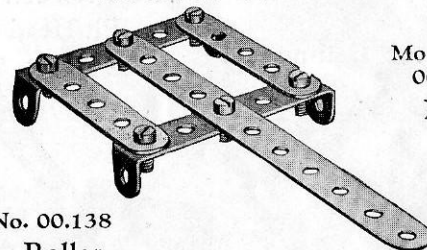
### Model No. 00.135 Coat Hanger



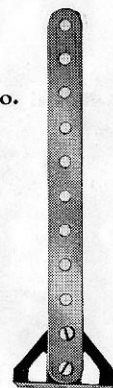
### Model No. 00.136 Roman Balance



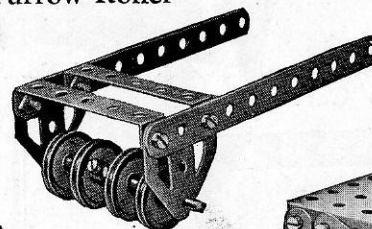
### Model No. 00.137 Grill



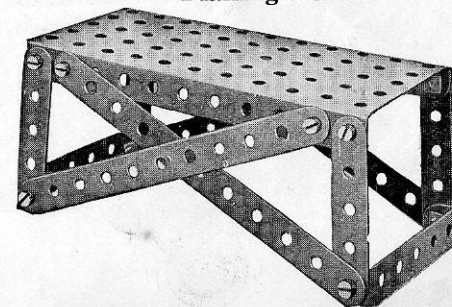
### Model No. 00.139 Hoe



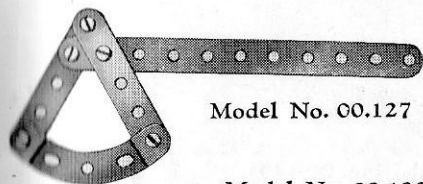
### Model No. 00.138 Furrow Roller



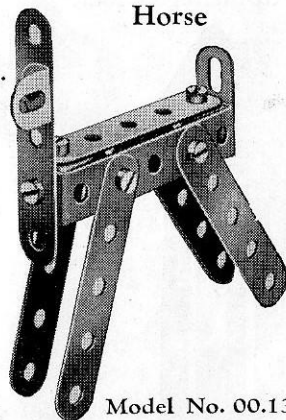
### Model No. 00.140 Planing Bench



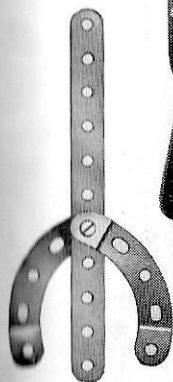
### Model No. 00.127 Axe



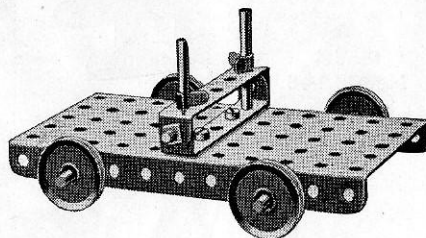
### Model No. 00.130 Horse



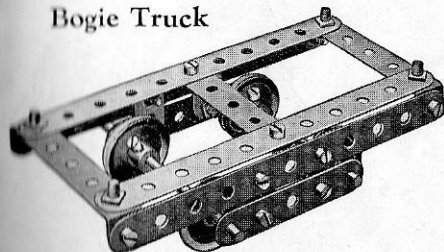
### Model No. 00.128 Fork



### Model No. 00.131 Lumber Truck



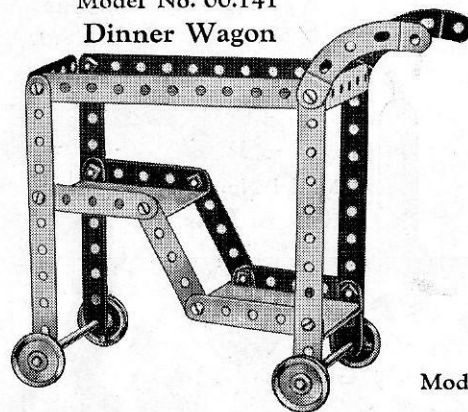
### Model No. 00.129 Bogie Truck



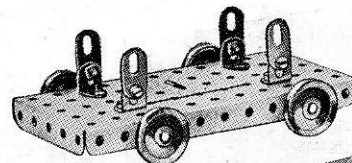


All these Models can be built with MECCANO Outfit No. 00

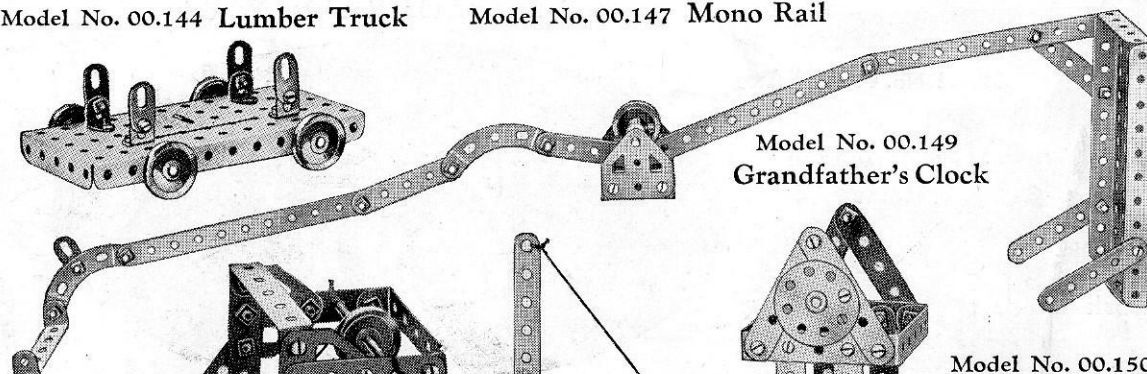
Model No. 00.141  
Dinner Wagon



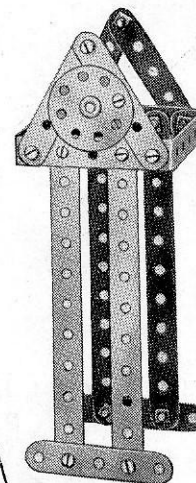
Model No. 00.144 Lumber Truck



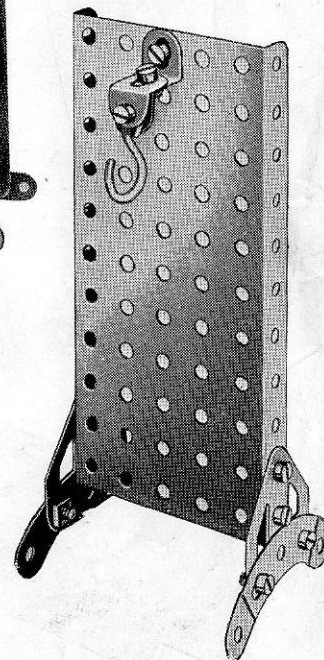
Model No. 00.147 Mono Rail



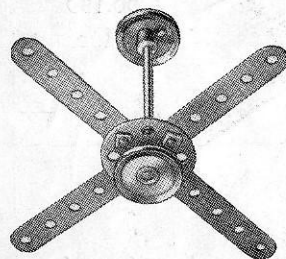
Model No. 00.149  
Grandfather's Clock



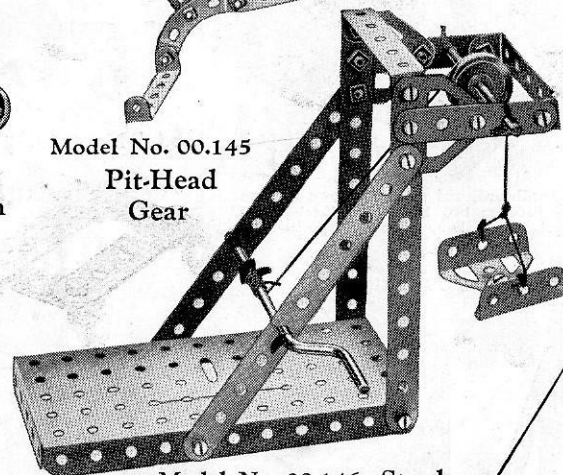
Model No. 00.150  
Watch Stand



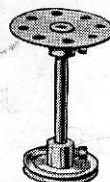
Model No. 00.142 Ceiling Fan



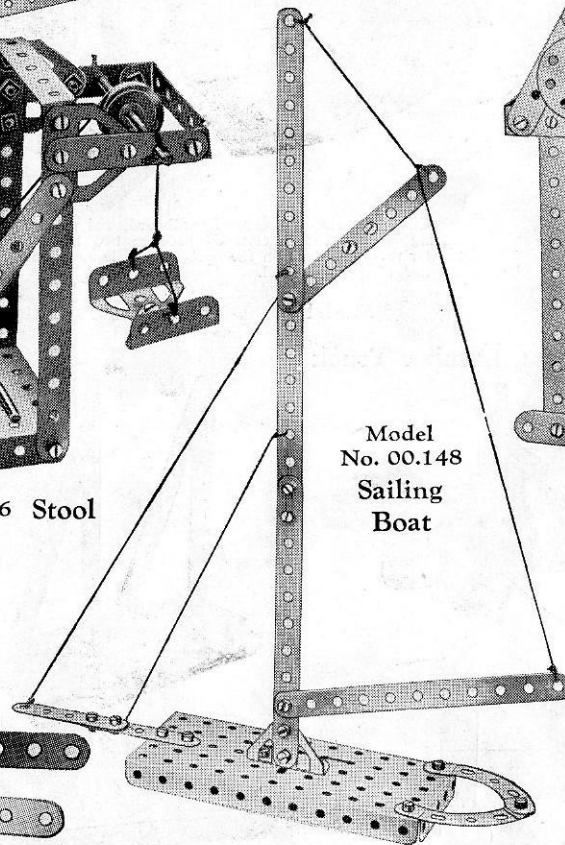
Model No. 00.145  
Pit-Head  
Gear



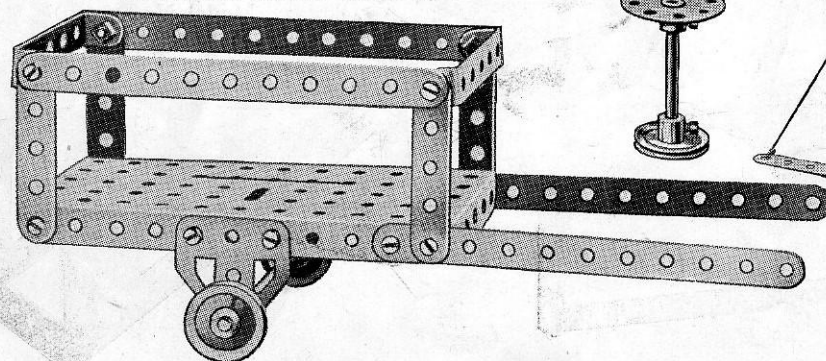
Model No. 00.146 Stool



Model  
No. 00.148  
Sailing  
Boat

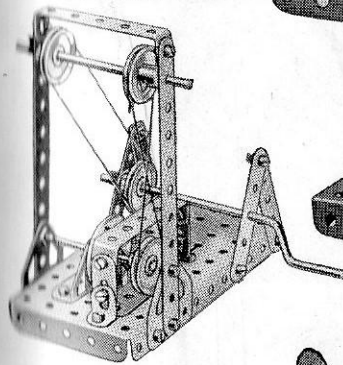


Model No. 00.143 Cart

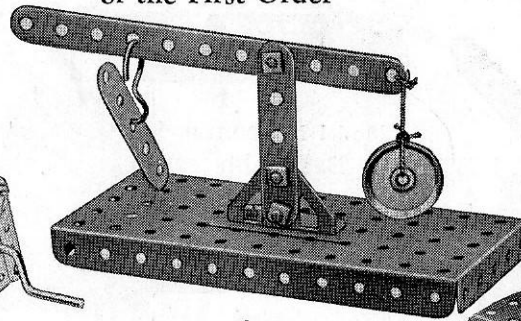


All these Models can be built with MECCANO Outfit No. 00

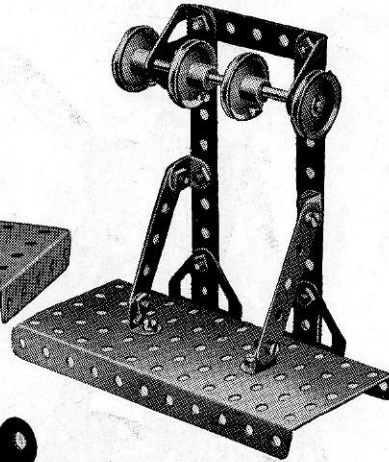
Model No. 00.151  
Circular Saw



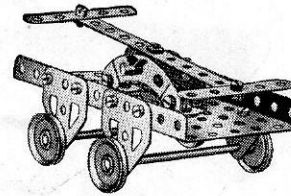
Model No. 00.154 Lever  
of the First Order



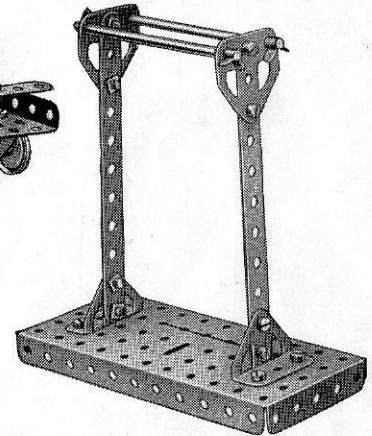
Model No. 00.156 Pulley Shafting



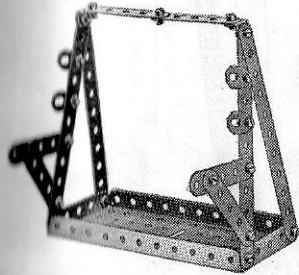
Model No. 00.159  
Hand Car



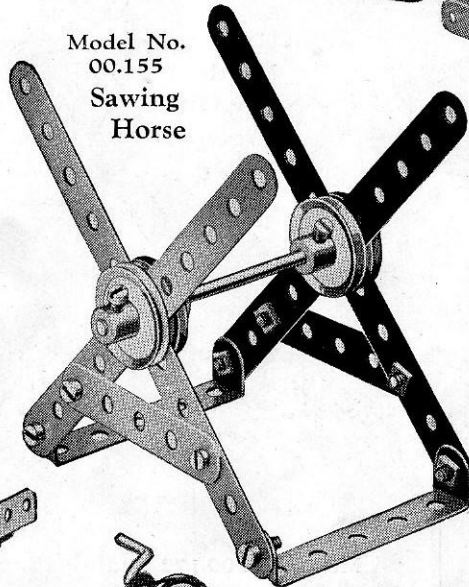
Model No. 00.161  
Towel Horse



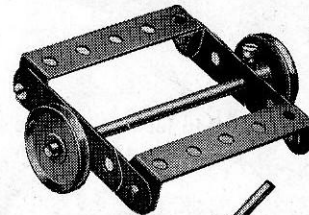
Model No. 00.152  
Pen Rack



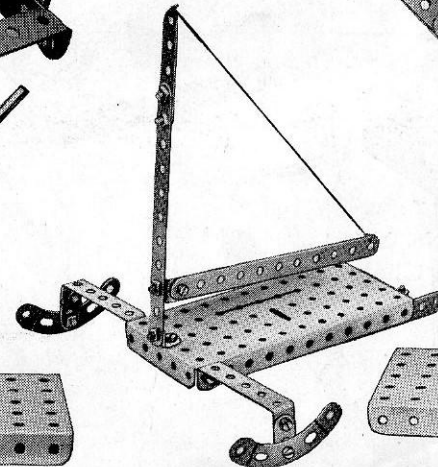
Model No.  
00.155  
Sawing  
Horse



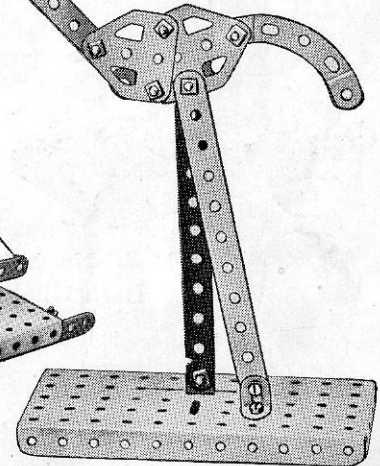
Model No. 00.157  
Trolley



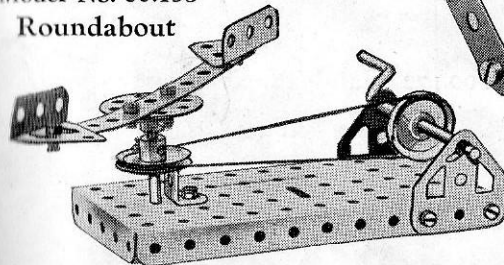
Model No. 00.160  
Ice Yacht



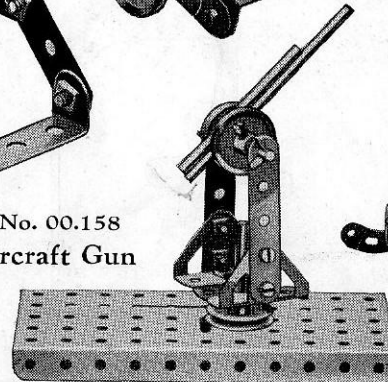
Model No. 00.162  
Prehistoric Bird



Model No. 00.153  
Roundabout



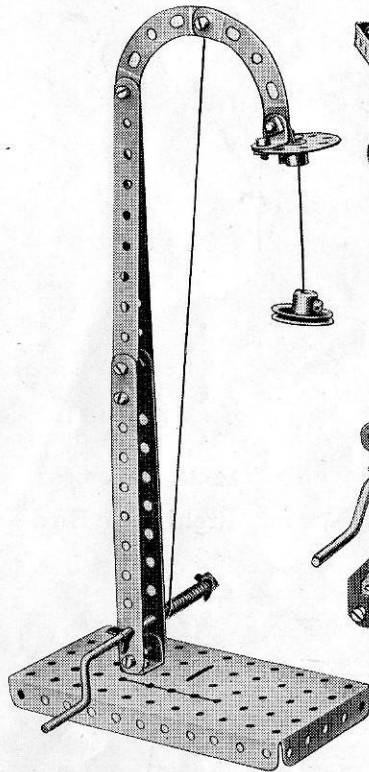
Model No. 00.158  
Anti-Aircraft Gun



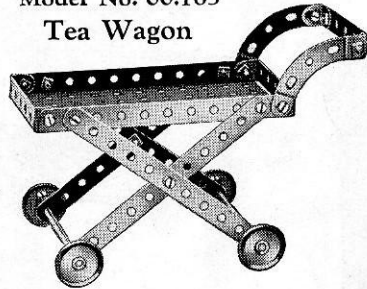


All these Models can be built with MECCANO Outfit No. 00

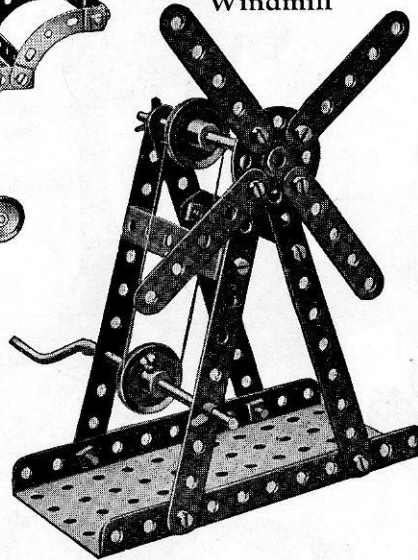
Model No. 00.163  
Arc Lamp



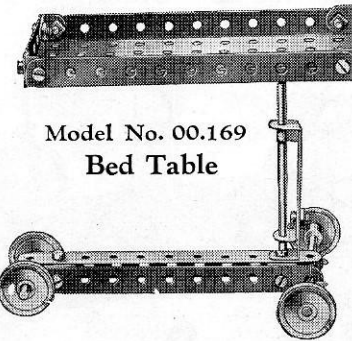
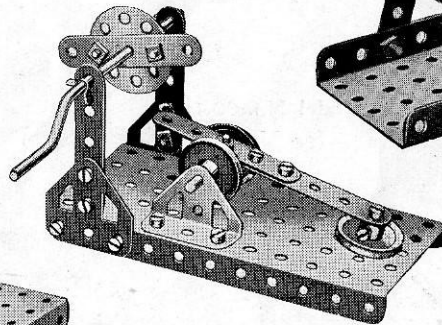
Model No. 00.165  
Tea Wagon



Model No. 00.167  
Windmill

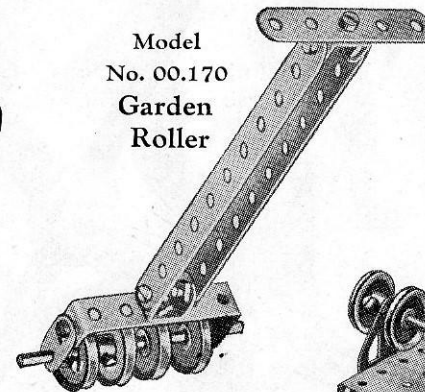


Model No. 00.166  
Trip Hammer

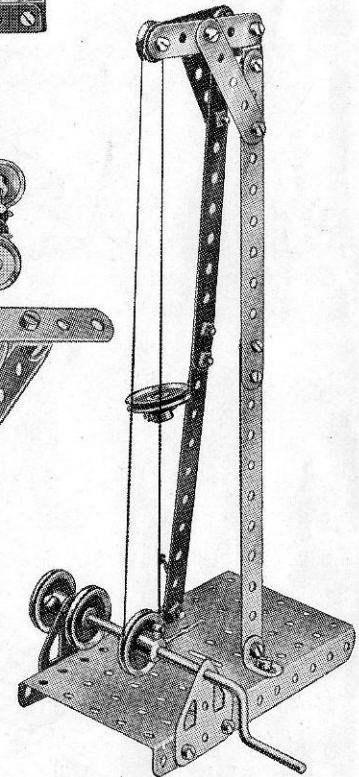


Model No. 00.169  
Bed Table

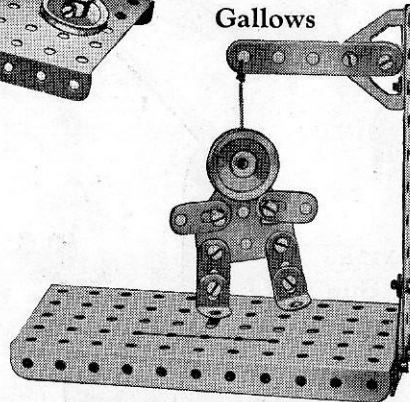
Model  
No. 00.170  
Garden  
Roller



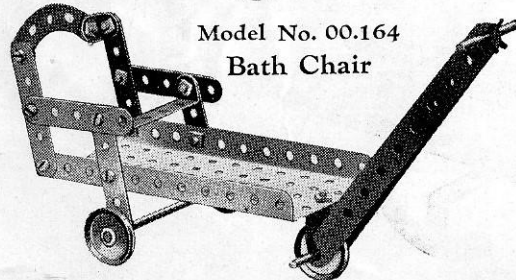
Model No. 00.171  
Airship Mooring Mast



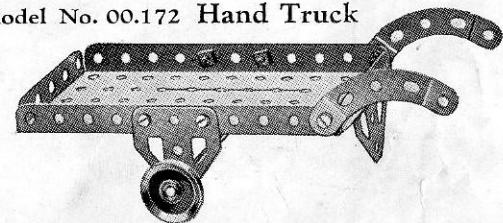
Model No. 00.168  
Gallows



Model No. 00.164  
Bath Chair

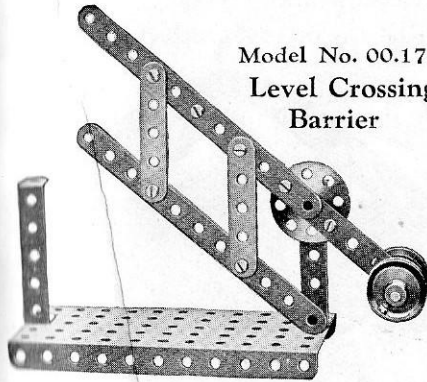


Model No. 00.172 Hand Truck

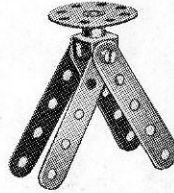


All these Models can be built with MECCANO Outfit No. 00

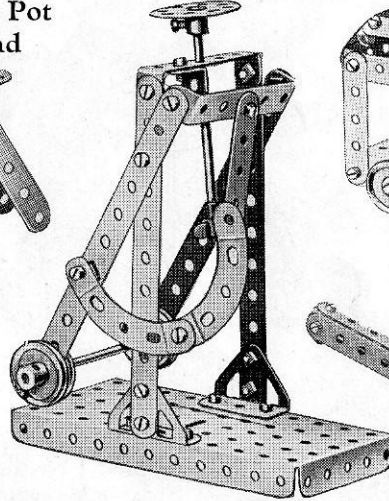
Model No. 00.173  
Level Crossing  
Barrier



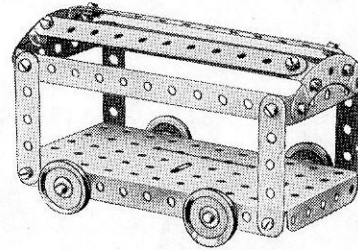
Model No.  
00.175  
Flower Pot  
Stand



Model No. 00.177  
Letter Balance

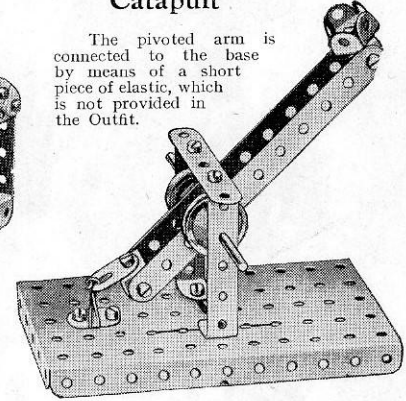


Model No. 00.179  
Pullman Car

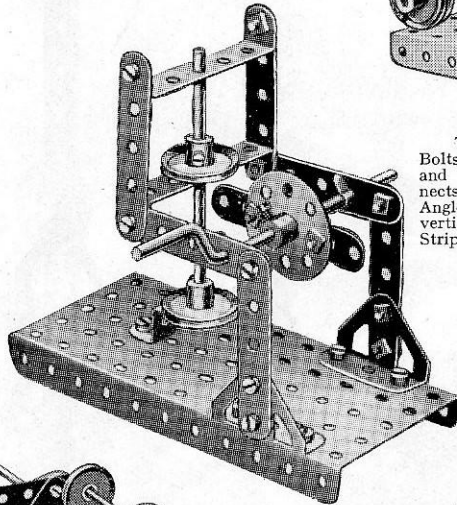


Model No. 00.181  
Catapult

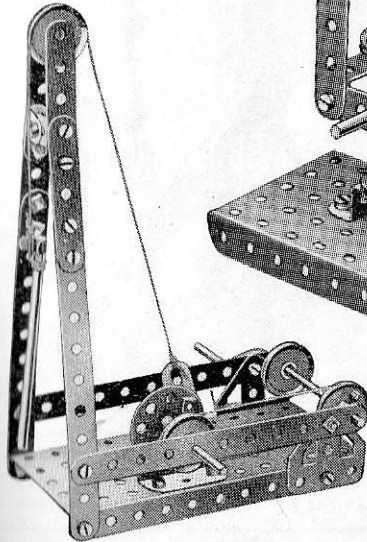
The pivoted arm is connected to the base by means of a short piece of elastic, which is not provided in the Outfit.



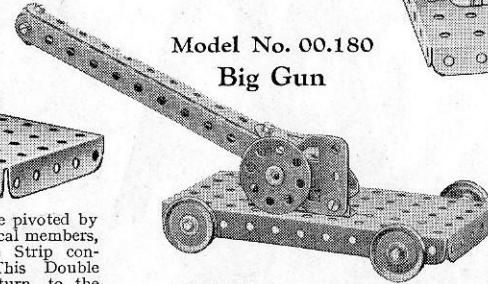
Model No. 00.176  
Ore Crusher



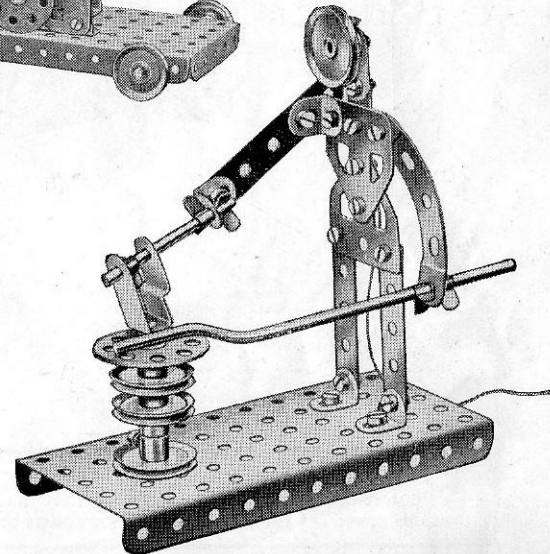
Model No. 00.174  
Well Driller



Model No. 00.180  
Big Gun

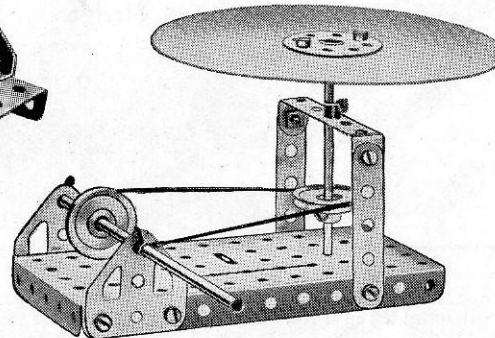


Model No. 00.182  
Blacksmith



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.

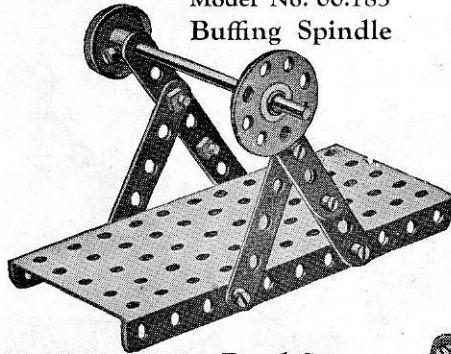
Model No. 00.178 Joy Wheel



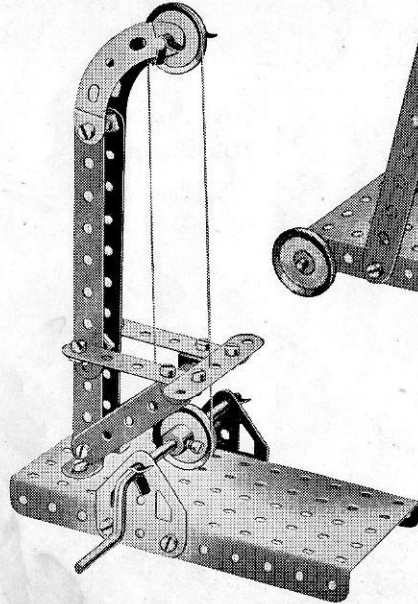


18

Model No. 00.183  
Buffing Spindle

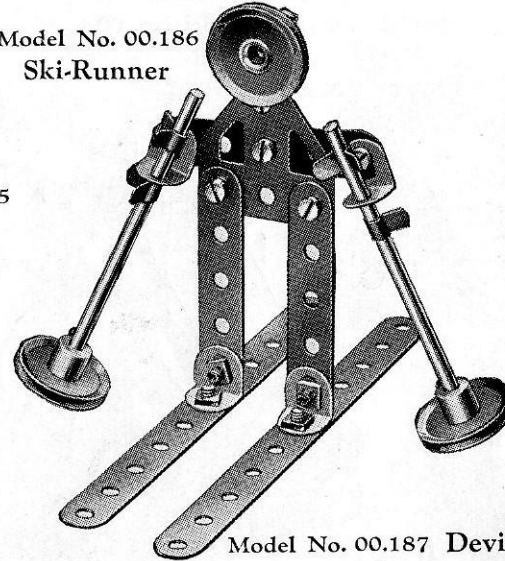


Model No. 00.184 Band Saw

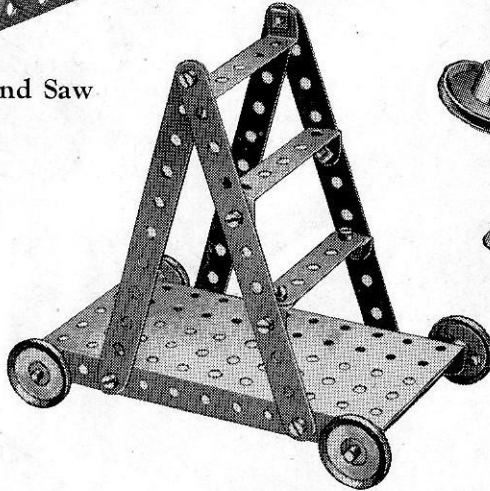


All these Models can be built with MECCANO Outfit No. 00

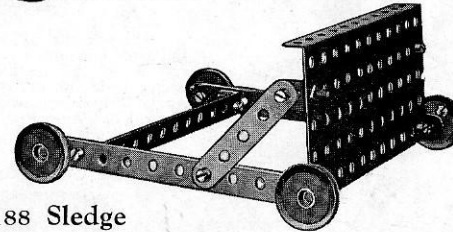
Model No. 00.186  
Ski-Runner



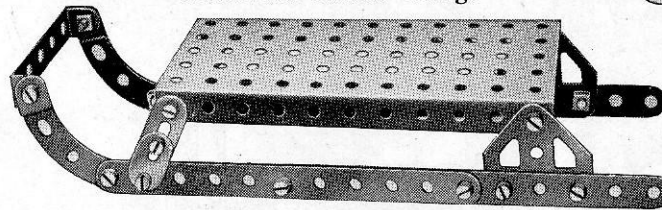
Model No. 00.185  
Ladder on  
Wheels



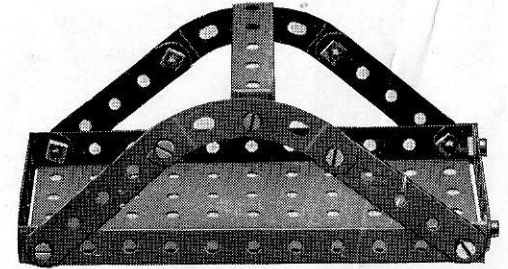
Model No. 00.187 Devil Wall



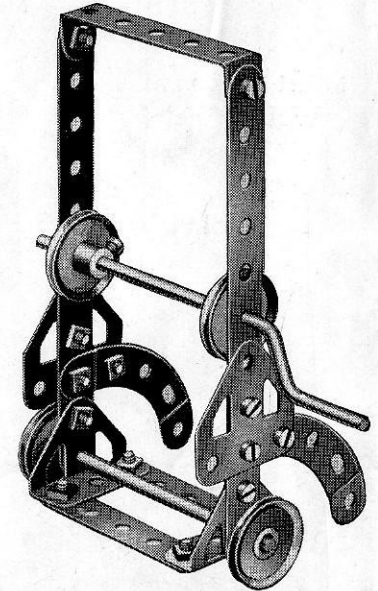
Model No. 00.188 Sledge



Model No. 00.189 Cutlery Basket



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.

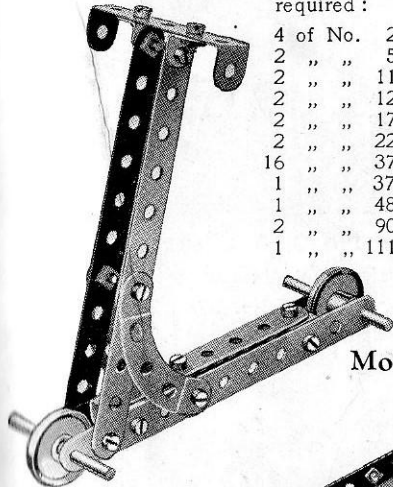
These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)

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### Model No. 0.1 Scooter

Parts  
required:

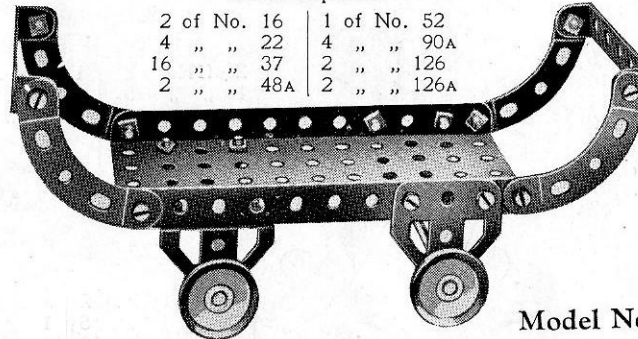
4 of No.	2
2 " "	5
2 " "	11
2 " "	12
2 " "	17
2 " "	22
16 " "	37
1 " "	37A
1 " "	48A
2 " "	90A
1 " "	111c



### Model No. 0.4 Push Cart

Parts required:

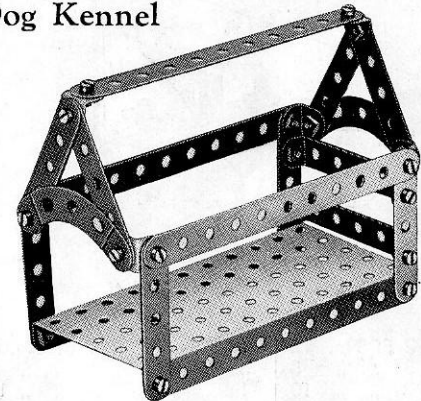
2 of No.	16	1 of No.	52
4 " "	22	4 " "	90A
16 " "	37	2 " "	126
2 " "	48A	2 " "	126A



### 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

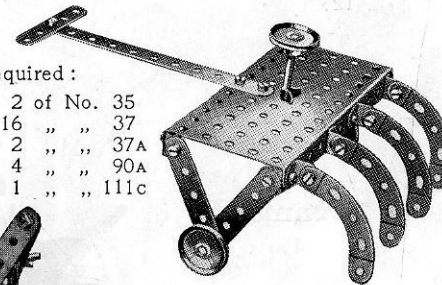
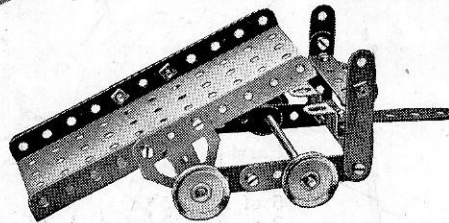


### Model No. 0.3 Tipping Cart

### Model No. 0.5 Horse Rake

Parts required:

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



### Model No. 0.8 Chaff Cutter

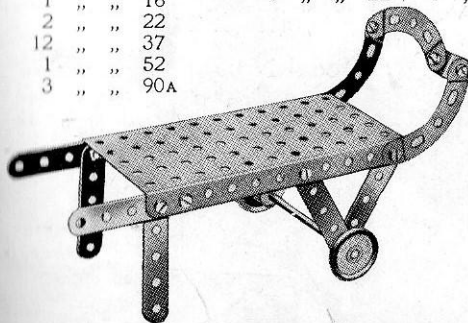
Parts required:

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

### Model No. 0.2 Luggage Truck

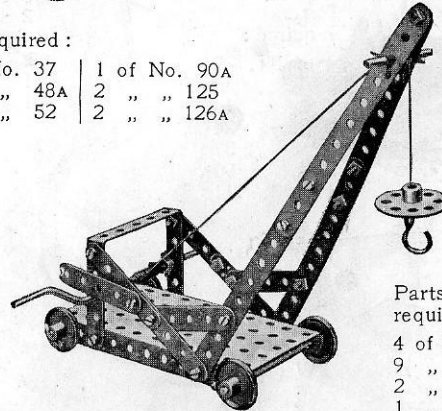
Parts  
required:

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



Parts required:

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

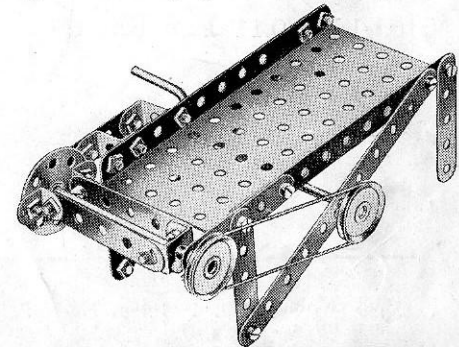


### Model No. 0.6 Jib Crane

Parts  
required:

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

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

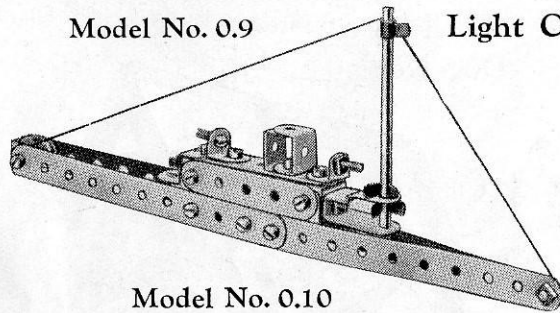




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These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)

Model No. 0.9

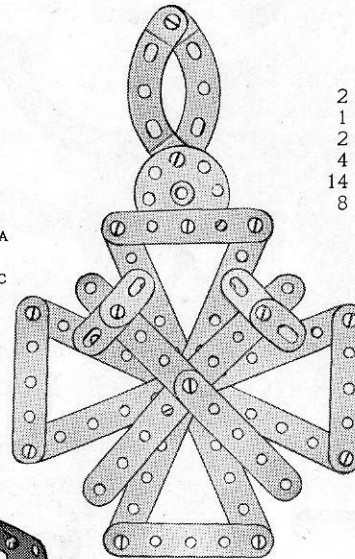


Light Cruiser

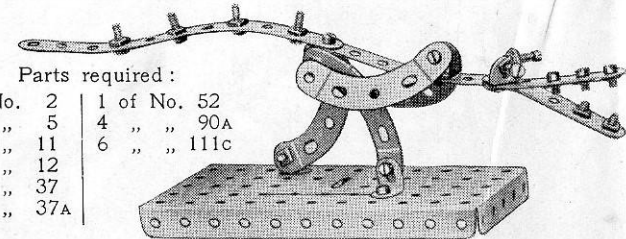
Parts  
required :

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. 0.16 Church

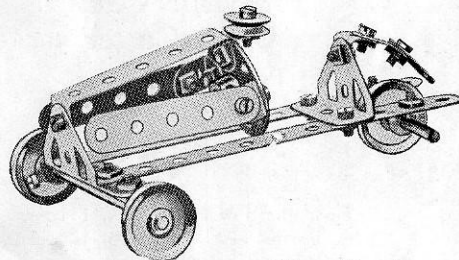
Parts required :

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

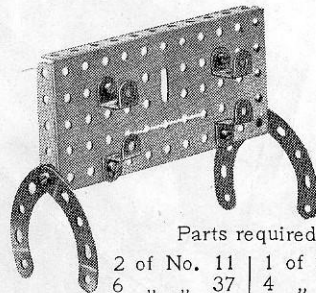
Model No. 0.10  
Three-Wheel Auto

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

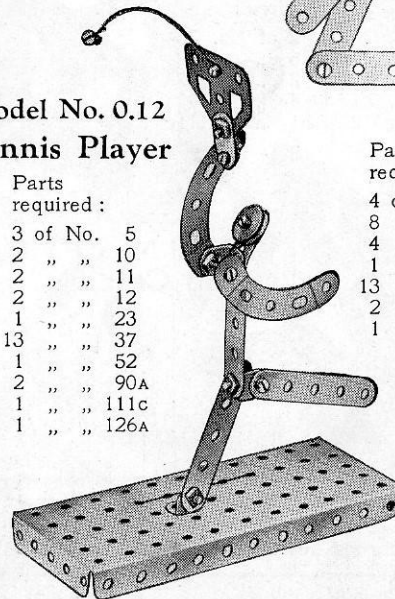


Parts required :

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

Model No. 0.12  
Tennis PlayerParts  
required :

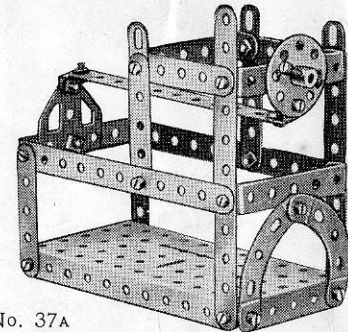
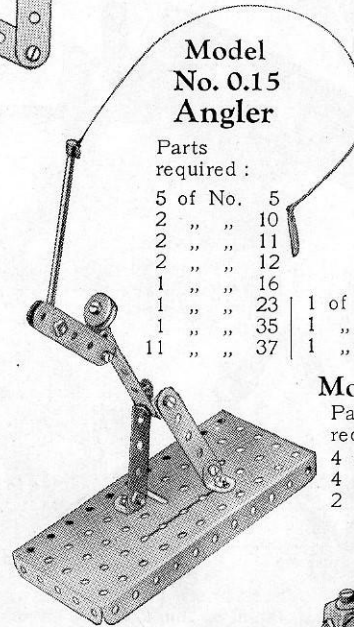
3 of No.	5
2 " "	10
2 " "	11
2 " "	12
1 " "	23
13 " "	37
1 " "	52
2 " "	90A
1 " "	111c
1 " "	126A

Parts  
required :

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

Model  
No. 0.15  
AnglerParts  
required :

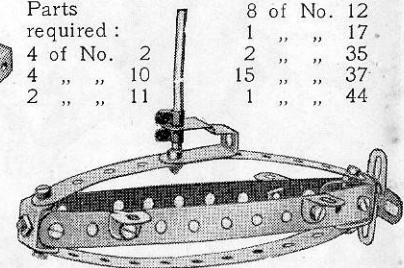
5 of No.	5
2 " "	10
2 " "	11
2 " "	12
1 " "	16
1 " "	23
1 " "	35
11 " "	37
1 of No.	37A
1 " "	52
1 " "	111c



Model No. 0.17 Submarine

Parts  
required :

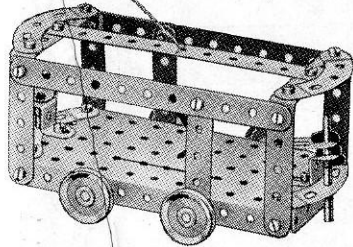
8 of No.	12
1 " "	17
2 " "	35
15 " "	37
1 " "	44



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

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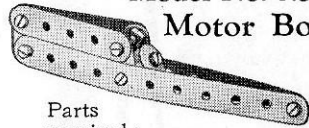
**Model No. 0.35  
Tramway Car**



Parts required :

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

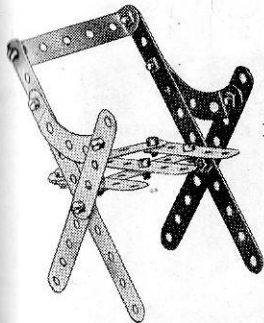
**Model No. 0.36  
Motor Boat**



Parts required :

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

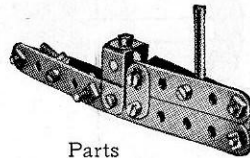
**Model No. 0.37 Arm Chair**



Parts required :

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

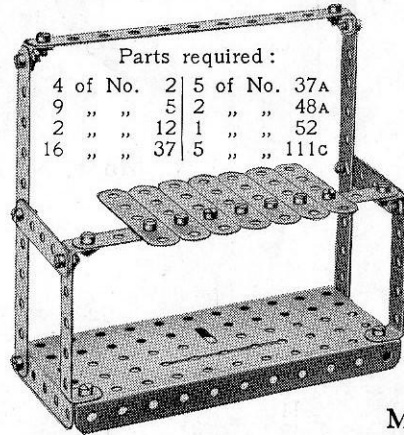
**Model No. 0.38  
Torpedo Boat**



Parts required :

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

**Model No. 0.39 Piano**



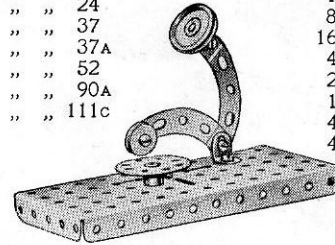
Parts required :

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

**Model No. 0.40  
Gramophone**

Parts required :

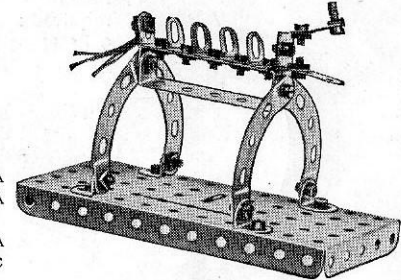
2 of No. 12
1 " " 22
1 " " 23
1 " " 24
3 " " 37
1 " " 37A
1 " " 52
2 " " 90A
3 " " 111c



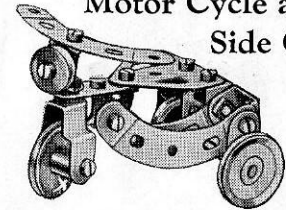
Parts required :

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

**Model No. 0.43  
Prehistoric Armadillo**



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



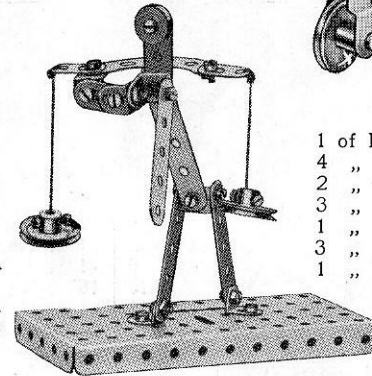
Parts required :

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

**Model No. 0.41 Milk Maid**

Parts required :

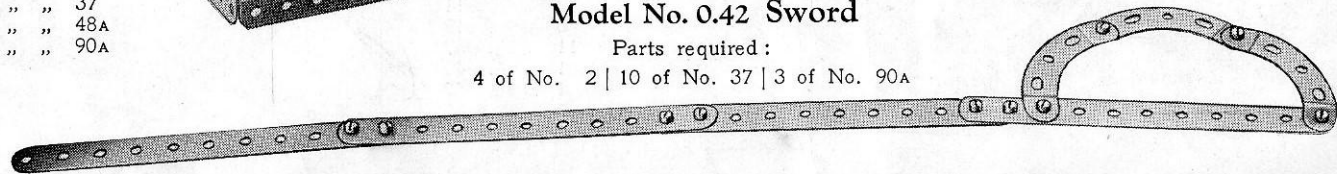
5 of No. 5
3 " " 10
2 " " 11
4 " " 12
2 " " 22
1 " " 23
14 " " 37
1 " " 37A
1 " " 52
1 " " 90A
1 " " 111c



**Model No. 0.42 Sword**

Parts required :

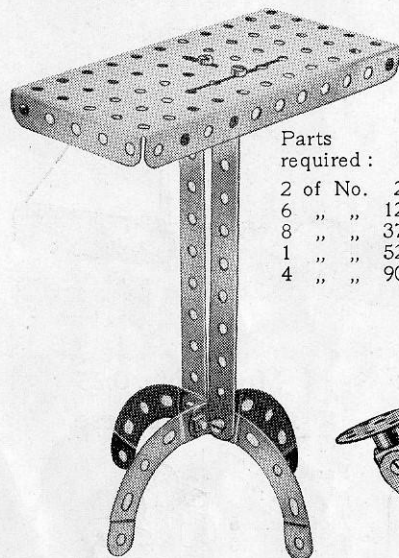
4 of No. 2	10 of No. 37	3 of No. 90A
------------	--------------	--------------





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

**Model No. 0.27 Table**



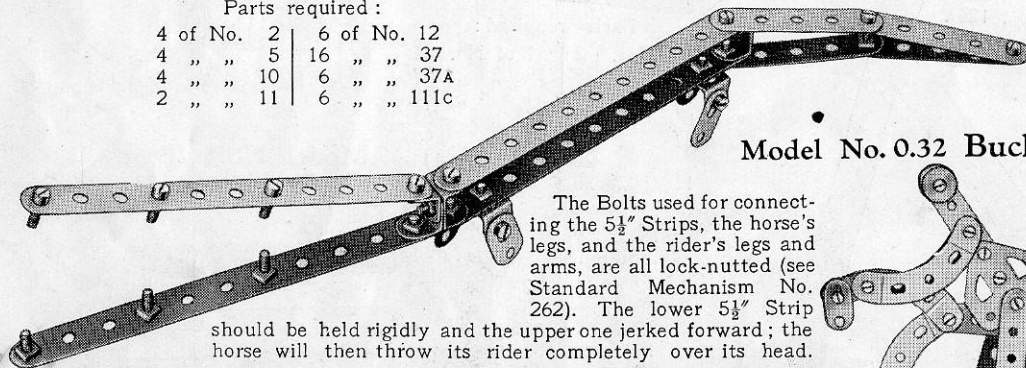
Parts  
required :

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

**Model No. 0.28 Crocodile**

Parts required :

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

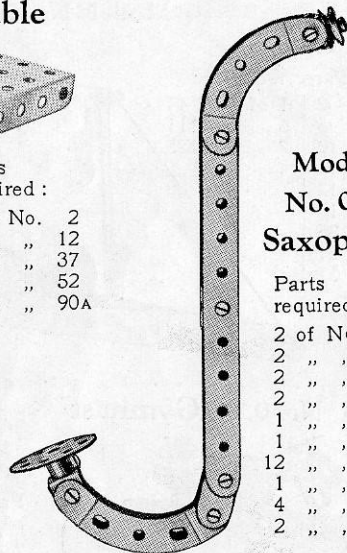


The Bolts used for connecting the  $5\frac{1}{4}$ " Strips, the horse's legs, and the rider's legs and arms, are all lock-nutted (see Standard Mechanism No. 262). The lower  $5\frac{1}{4}$ " Strip should be held rigidly and the upper one jerked forward; the horse will then throw its rider completely over its head.

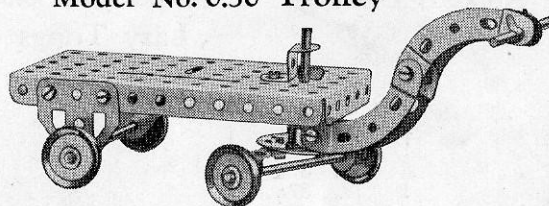
**Model  
No. 0.29  
Saxophone**

Parts  
required :

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



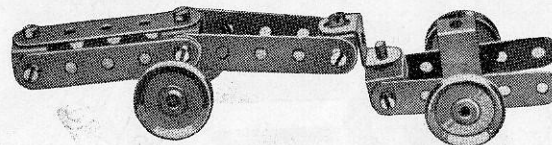
**Model No. 0.30 Trolley**



Parts required :

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

**Model No. 0.31 Field Gun and Carriage**



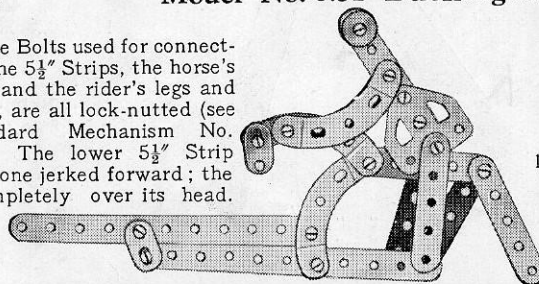
Parts required :

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

**Model No. 0.32 Bucking Broncho**

Parts  
required :

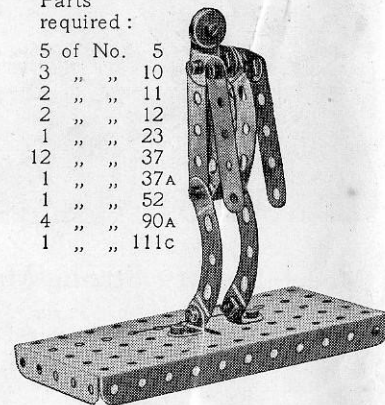
2 of No.	2
6 " "	5
2 " "	10
1 " "	23
12 " "	37
9 " "	37A
4 " "	90A
1 " "	111c
1 " "	126A



**Model No. 0.33 Ape**

Parts  
required :

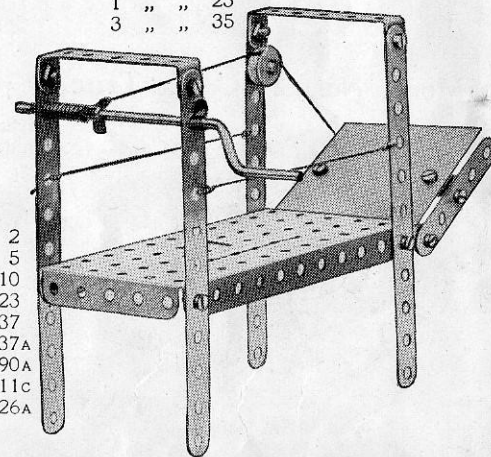
5 of No.	5
3 " "	10
2 " "	11
2 " "	12
1 " "	23
12 " "	37
1 " "	37A
1 " "	52
4 " "	90A
1 " "	111c



**Model No. 0.34 Gangway**

Parts required :

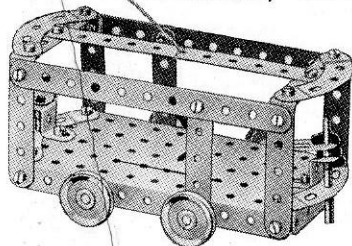
4 of No.	2	16 of No.	37
2 " "	5	2 " "	37A
2 " "	10	2 " "	48A
2 " "	12	1 " "	52
1 " "	19s	1 " "	111c
1 " "	23		
3 " "	35		



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

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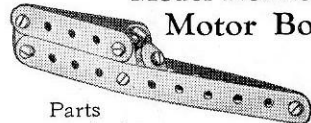
**Model No. 0.35  
Tramway Car**



Parts required:

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

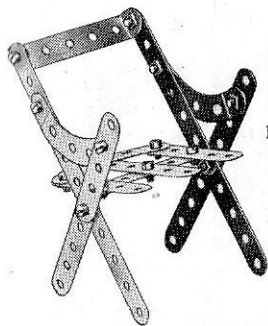
**Model No. 0.36  
Motor Boat**



Parts required:

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

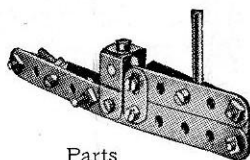
**Model No. 0.37 Arm Chair**



Parts required:

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

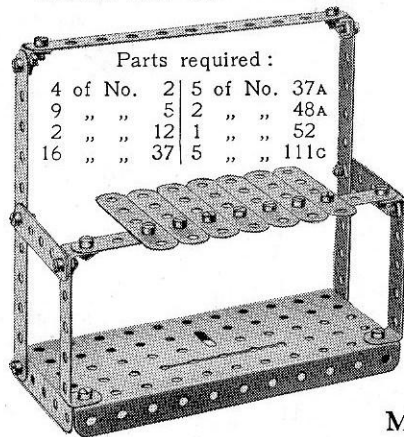
**Model No. 0.38  
Torpedo Boat**



Parts required:

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

**Model No. 0.39 Piano**



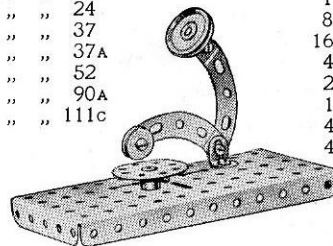
Parts required:

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

**Model No. 0.40  
Gramophone**

Parts required:

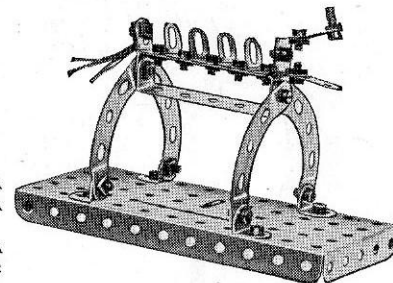
2 of No. 12
1 " " 22
1 " " 23
1 " " 24
3 " " 37
1 " " 37A
1 " " 52
2 " " 90A
3 " " 111c



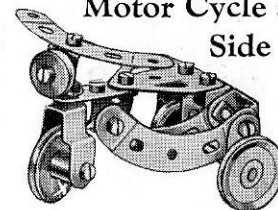
Parts required:

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

**Model No. 0.43  
Prehistoric Armadillo**



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



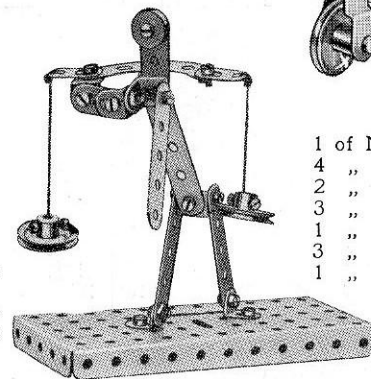
Parts required:

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

**Model No. 0.41 Milk Maid**

Parts required:

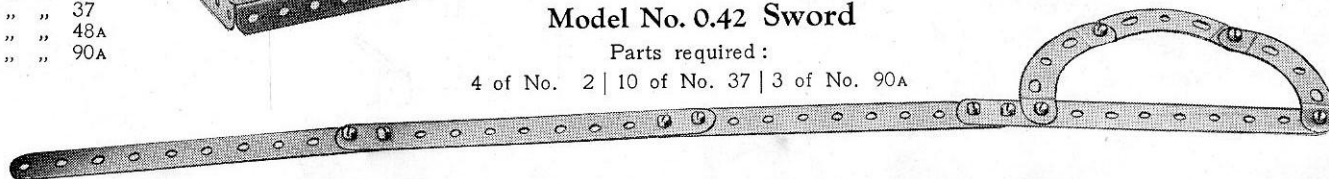
5 of No. 5
3 " " 10
2 " " 11
4 " " 12
2 " " 22
1 " " 23
14 " " 37
1 " " 37A
1 " " 52
1 " " 90A
1 " " 111c



**Model No. 0.42 Sword**

Parts required:

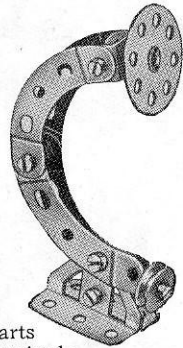
4 of No. 2	10 of No. 37	3 of No. 90A
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These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)

**Model No. 0.45  
Loud Speaker**



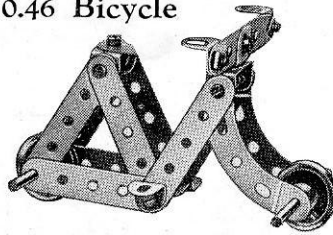
Parts  
required :

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

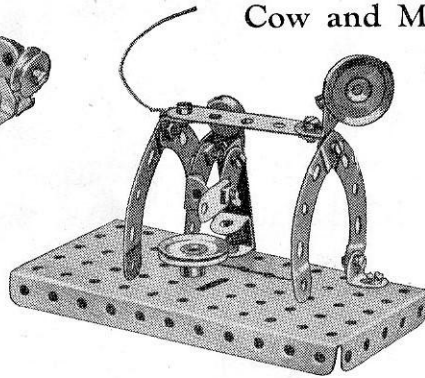
**Model No. 0.46 Bicycle**

Parts  
required :

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



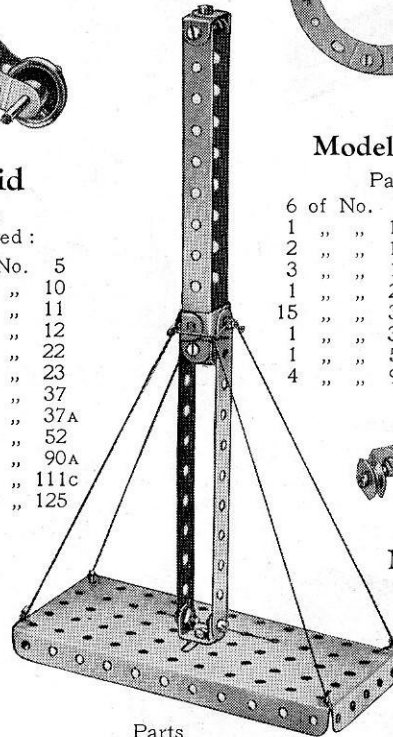
**Model No. 0.47  
Cow and Milkmaid**



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

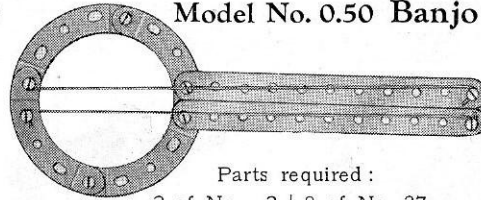
**Model No. 0.49  
Telescopic  
Mast**



Parts  
required :

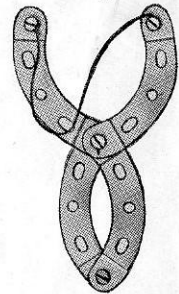
4 of No.	2
2 "	11
6 "	12
11 "	37
1 "	40
1 "	52

**Model No. 0.50 Banjo**   **Model No. 0.53  
Catapult**



Parts required :

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



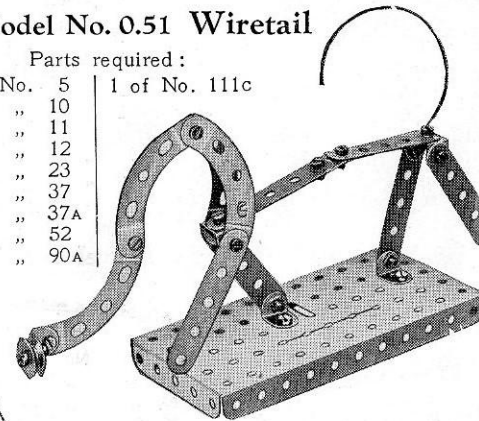
Parts  
required :

4 of No.	37
4 "	90A

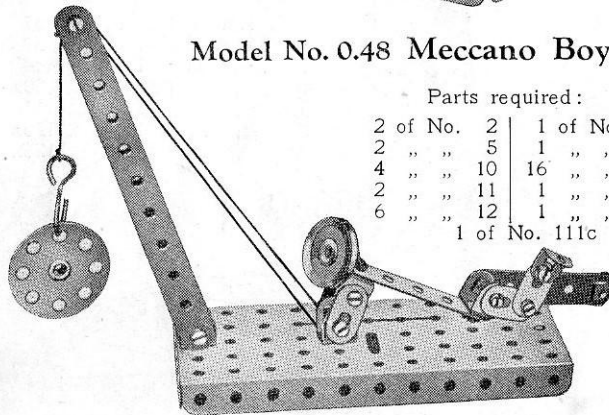
**Model No. 0.51 Wiretail**

Parts required :

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



**Model No. 0.48 Meccano Boy**



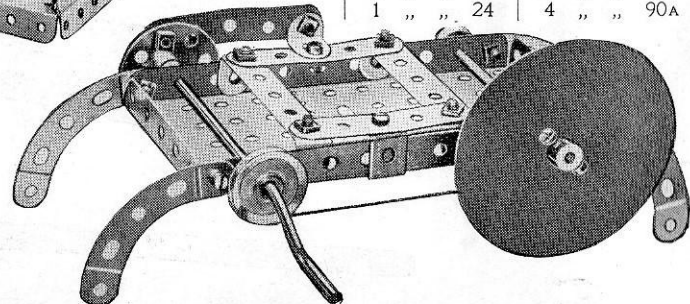
Parts required :

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

**Model No. 0.52 Bacon Slicing Machine**

Parts  
required :

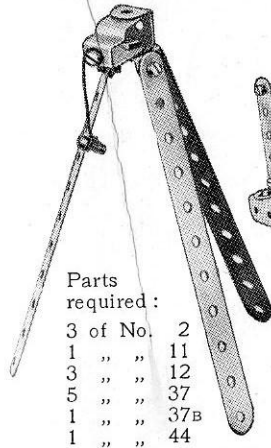
3 of No.	5	1 of No.	12	1 of No.	35
2 "	11	1 "	16	12 "	37
		1 "	19s	2 "	37A
		2 "	22	2 "	48A
		1 "	23	1 "	52
		1 "	24	4 "	90A



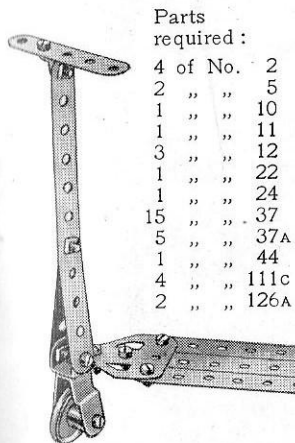
These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)

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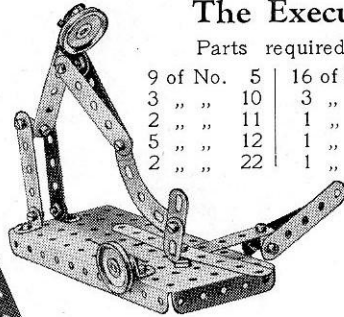
**Model No. 0.54**  
**Camera**



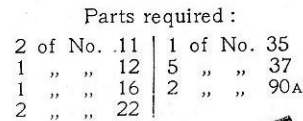
**Model No. 0.55**  
**Scooter**



**Model No. 0.56**  
**The Execution**

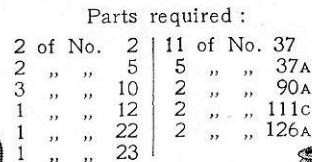


**Model No. 0.57 Pistol**

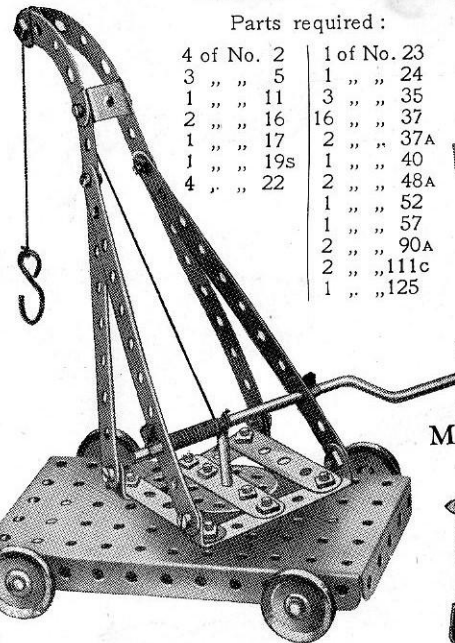


**Model No. 0.59 Pecking Hen**

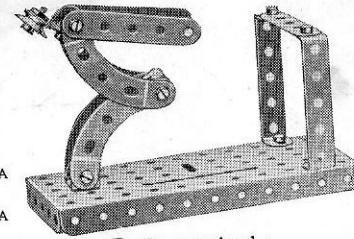
By alternately pushing and pulling the lower of the 5½" Strips, the hen can be made to peck vigorously at the "bowl" (a 1" Pulley). The bolts used for securing the 5½" Strips together should be lock-nutted, care being taken to ensure that no "side play" is permitted.



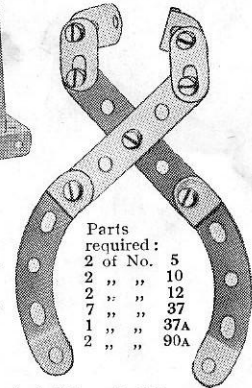
**Model No. 0.58**  
**Crane**



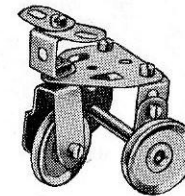
**Model No. 0.60 Hurdler**



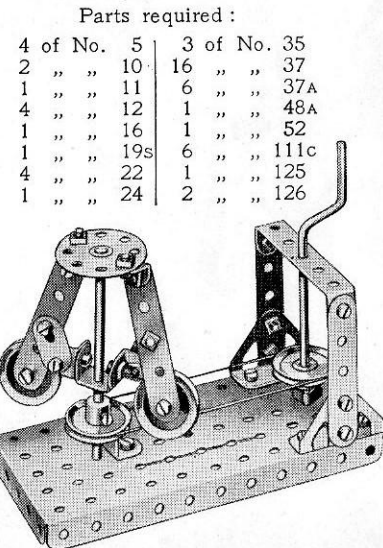
**Model No. 0.62**  
**Pliers**



**Model No. 0.61**  
**Tricycle**



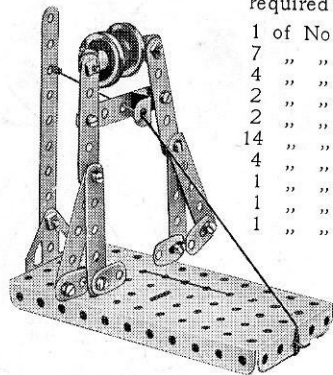
**Model No. 0.63**  
**Centrifugal Engine Governor**





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

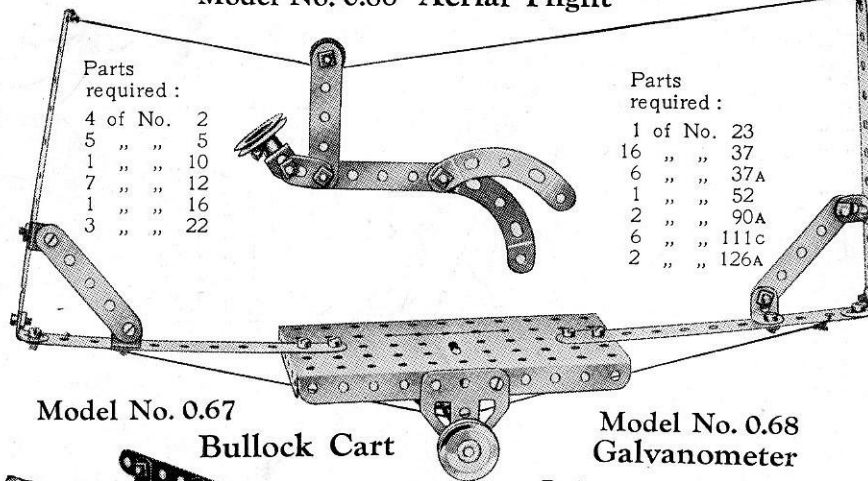
### Model No. 0.64 Wrestlers



Parts  
required :

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

### Model No. 0.66 Aerial Flight



Parts  
required :

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

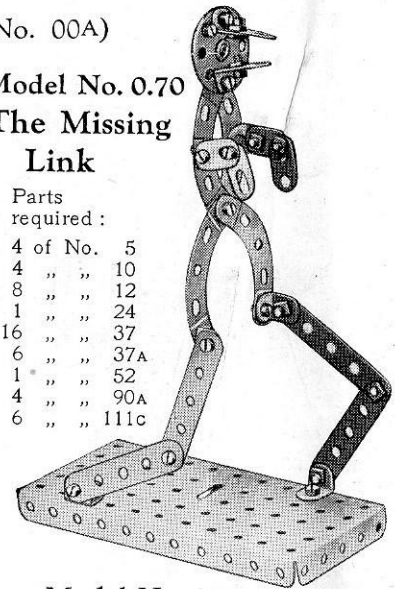
Parts  
required :

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

### Model No. 0.70 The Missing Link

Parts  
required :

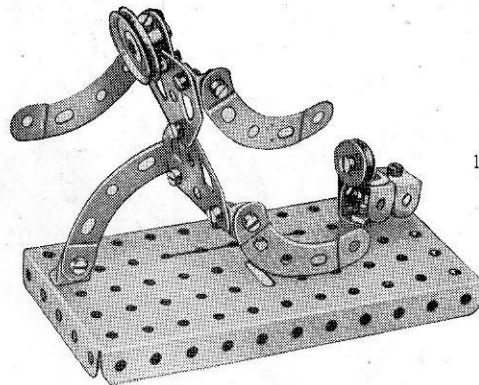
4 of No.	5
4 " "	10
8 " "	12
1 " "	24
16 " "	37
6 " "	37A
1 " "	52
4 " "	90A
6 " "	111c



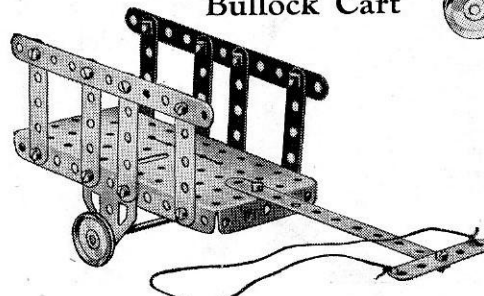
### Model No. 0.65 A Chase

Parts required :

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



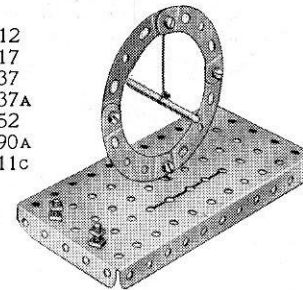
### Model No. 0.67 Bullock Cart



### Model No. 0.68 Galvanometer

Parts  
required :

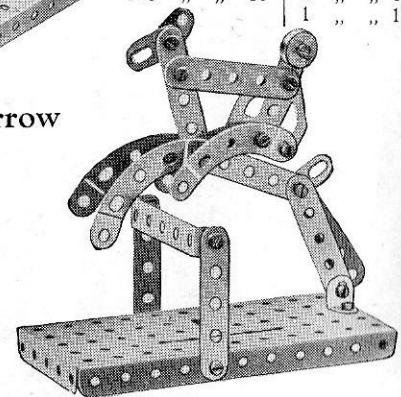
1 of No.	12
1 " "	17
5 " "	37
4 " "	37A
1 " "	52
4 " "	90A
2 " "	111c



### Model No. 0.71 Steeple-chaser

Parts required :

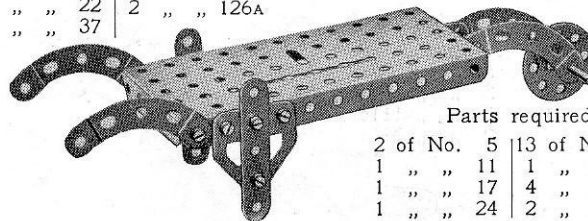
7 of No.	5	1 of No.	37A
4 " "	10	1 " "	48A
1 " "	12	1 " "	52
1 " "	23	4 " "	90A
13 " "	37	1 " "	111c
		1 " "	126A



Parts required :

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

### Model No. 0.69 Coster's Barrow

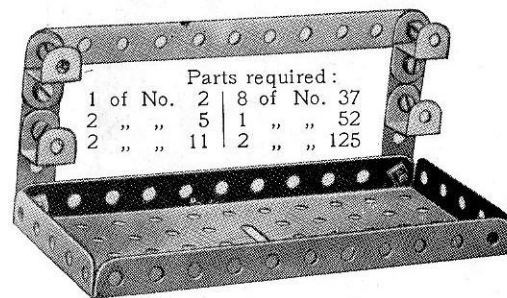


Parts required :

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

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

**Model No. 0.72 Pen Rack**

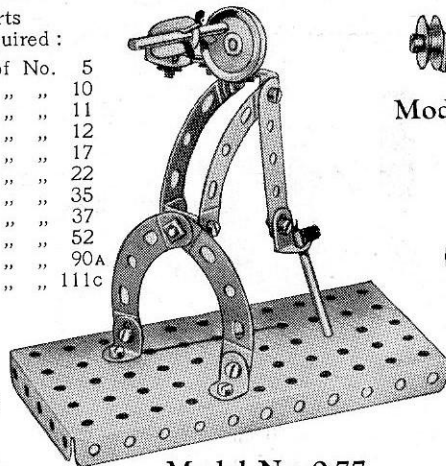


Parts required:  
 1 of No. 2 | 8 of No. 37  
 2 " " 5 | 1 " " 52  
 2 " " 11 | 2 " " 125

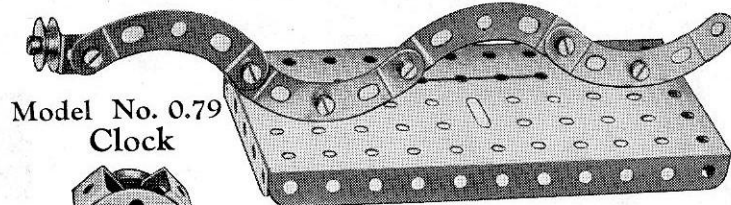
**Model No. 0.76 Coast Guard**

Parts required:

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



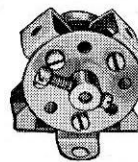
**Model No. 0.78 Snake**



Parts required:

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

**Model No. 0.79 Clock**



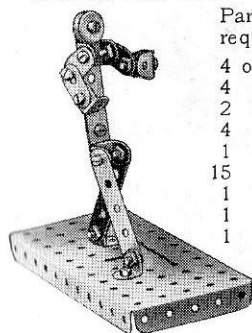
Parts required:

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

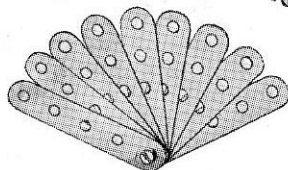
**Model No. 0.73 Boxer**

Parts required:

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



**Model No. 0.75 Fan**



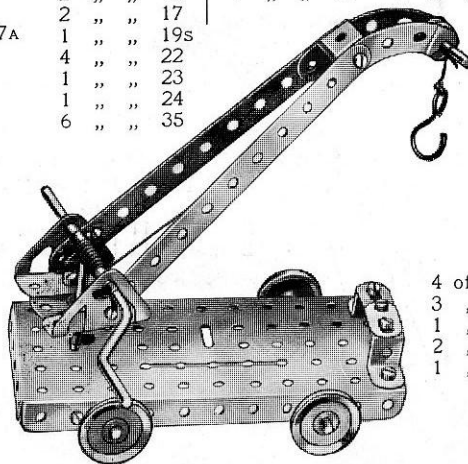
Parts required:

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

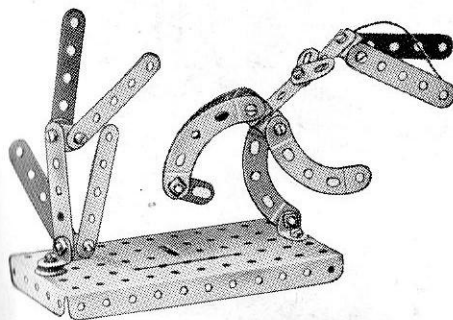
**Model No. 0.77 Break-Down Crane**

Parts required:

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



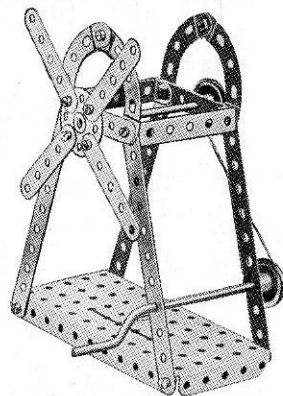
**Model No. 0.74 Horseman's Fall**



Parts required:

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

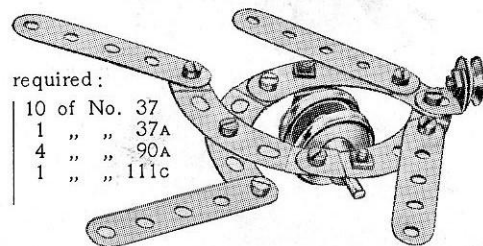
**Model No. 0.80 Windmill**



Parts required:

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

**Model No. 0.81 Frog**

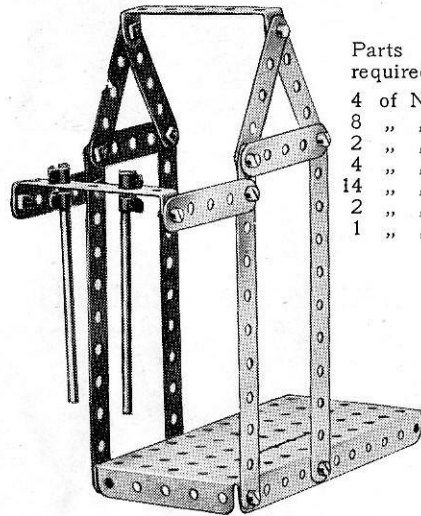


Parts required:

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



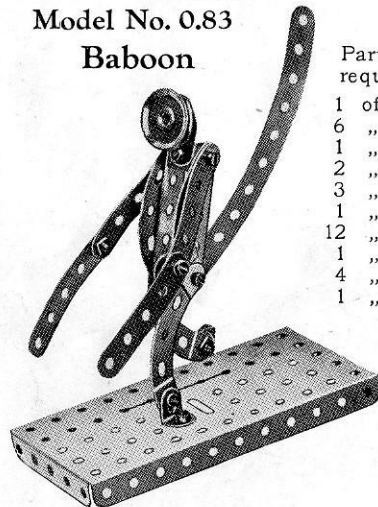
**Model No. 0.82**  
**Pneumatic Grain Elevator**



Parts  
required :

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

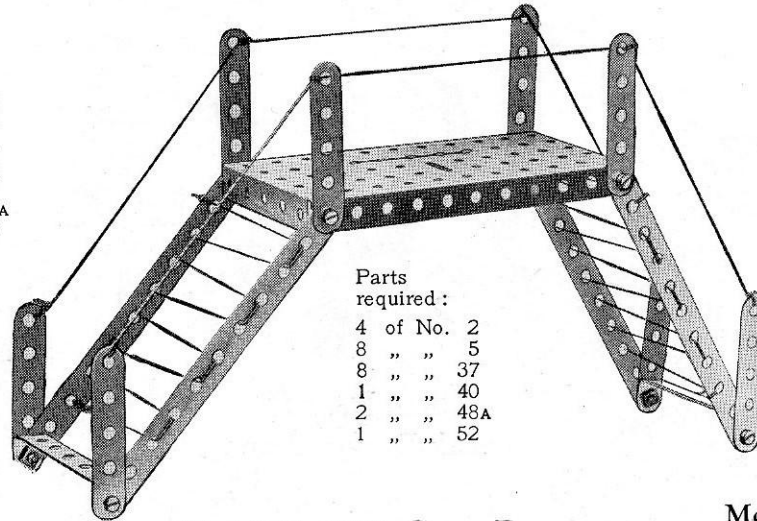
**Model No. 0.83**  
**Baboon**



Parts  
required :

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

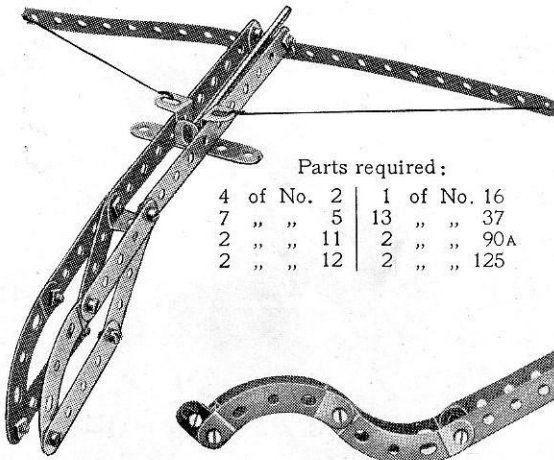
**Model No. 0.84 Footbridge**



Parts  
required :

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

**Model No. 0.85 Cross-Bow**



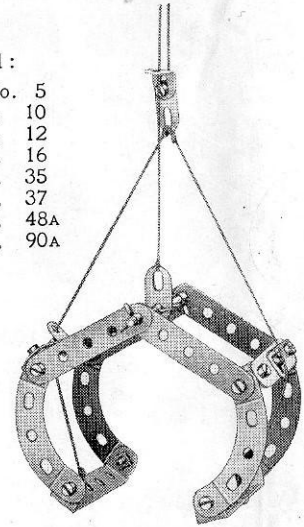
Parts required :

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

**Model No. 0.86 Crane Grab**

Parts  
required :

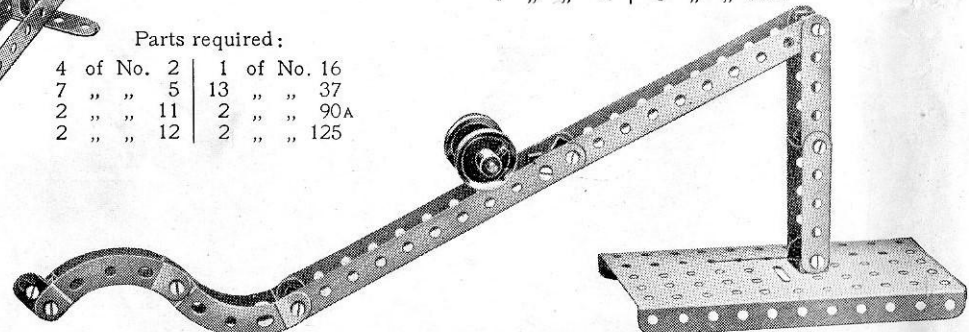
6	of No.	5
2	" "	10
7	" "	12
1	" "	16
6	" "	35
15	" "	37
2	" "	48A
4	" "	90A



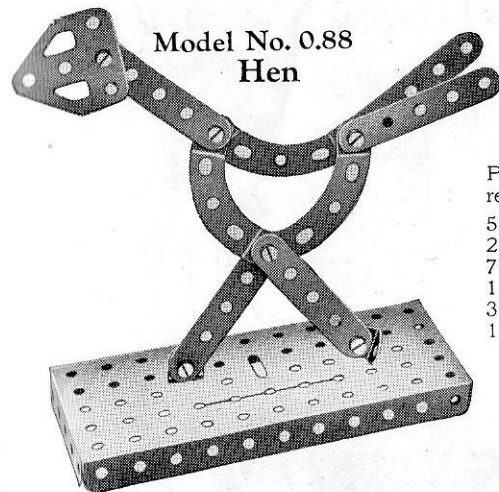
**Model No. 0.87 Switchback**

Parts required :

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



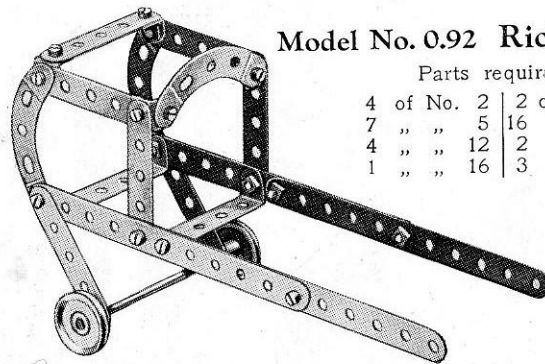
These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)



**Model No. 0.88  
Hen**

Parts  
required :

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

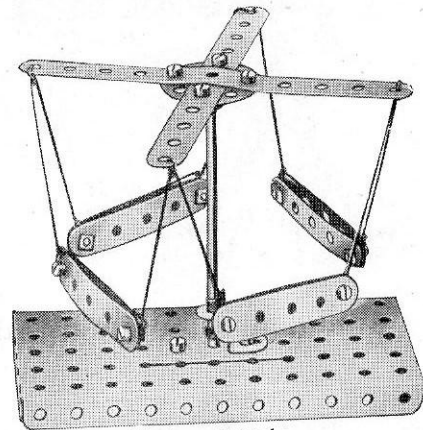


**Model No. 0.92 Rickshaw**

Parts required :

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

**Model No. 0.93 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**

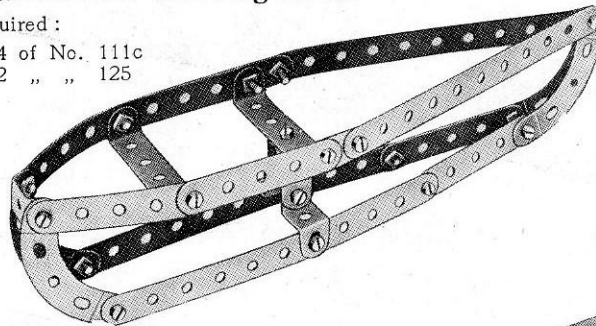
Parts  
required :

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 :

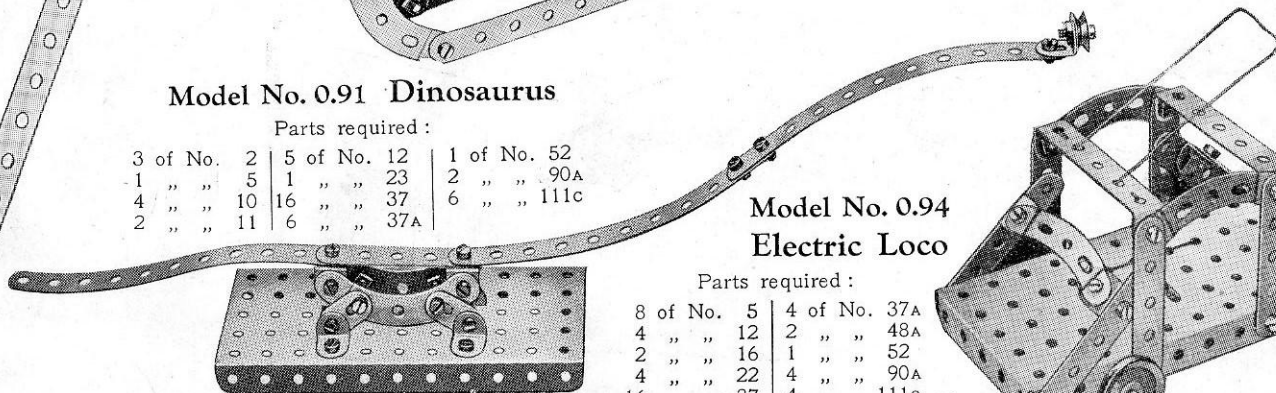
4 of No.	2	4 of No.	111c
6 " "	5	2 " "	125
2 " "	10		
1 " "	11		
16 " "	37		
4 " "	37A		
1 " "	44		
2 " "	48A		
4 " "	90A		



**Model No. 0.91 Dinosaurus**

Parts required :

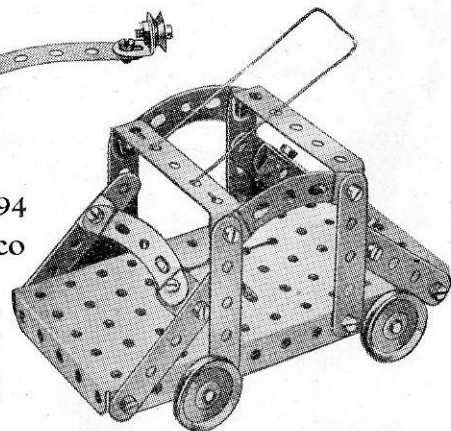
3 of No.	2	5 of No.	12	1 of No.	52
1 " "	5	1 " "	23	2 " "	90A
4 " "	10	16 " "	37	6 " "	111c
2 " "	11	6 " "	37A		



**Model No. 0.94  
Electric Loco**

Parts required :

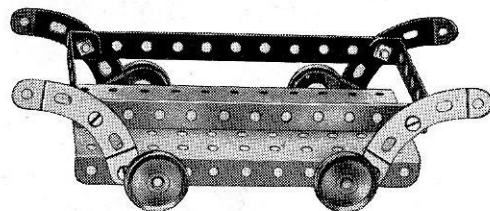
8 of No.	5	4 of No.	37A
4 " "	12	2 " "	48A
2 " "	16	1 " "	52
4 " "	22	4 " "	90A
16 " "	37	4 " "	111c





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

**Model No. 0.95 Trolley**



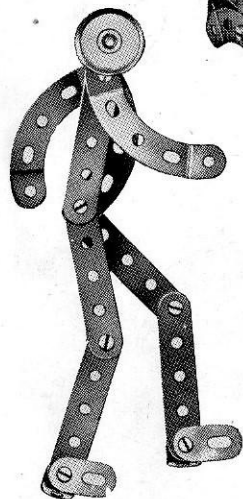
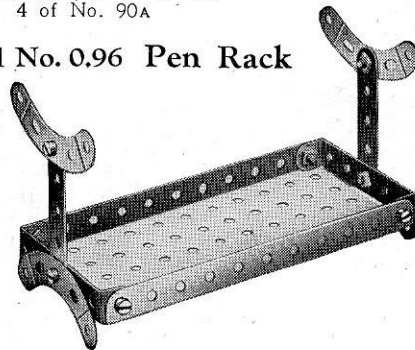
Parts required:

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**

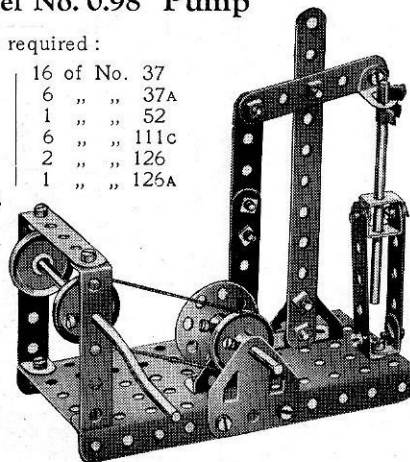
Parts required:

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	

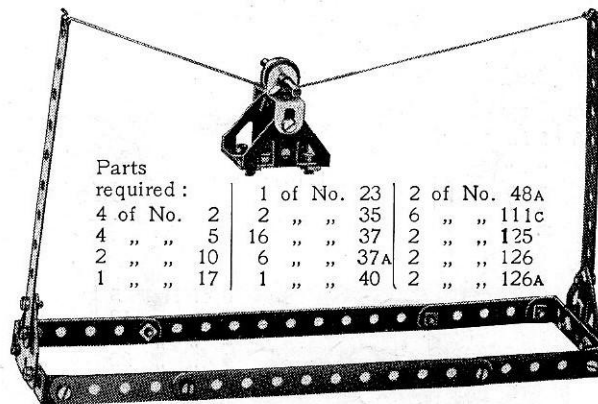


The connecting Strip is pivoted by bolts and nuts at one end to the Bush Wheel and at the other end to the cross beam. The latter is pivoted by the same means to the upright.

**Model No. 0.99 Aerial Ropeway**

Parts required:

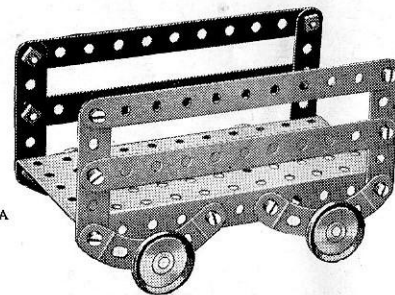
4 of No. 2	1 of No. 23	2 of No. 48A
4 " " 5	2 " " 35	6 " " 111c
2 " " 10	16 " " 37	2 " " 125
1 " " 17	6 " " 37A	2 " " 126
	1 " " 40	2 " " 126A



**Model No. 0.100 Luggage Truck**

Parts required:

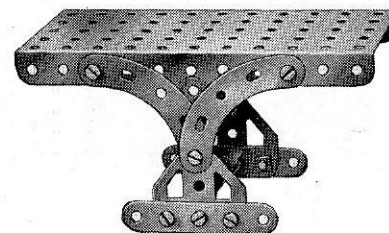
4 of No. 2
4 " " 5
2 " " 16
4 " " 22
16 " " 37
1 " " 52
4 " " 90A



**Model No. 0.101 Drafting Table**

Parts required:

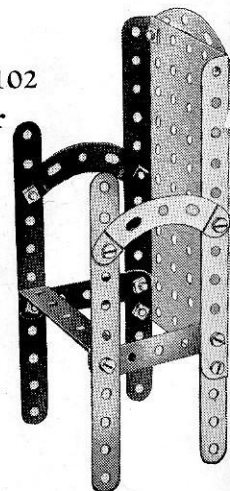
4 of No. 5
12 " " 37
1 " " 48A
1 " " 52
4 " " 90A
2 " " 126A



**Model No. 0.102 Arm Chair**

Parts required:

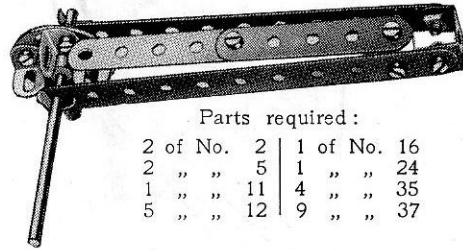
2 of No. 2
4 " " 5
12 " " 37
1 " " 48A
1 " " 52
3 " " 90A



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

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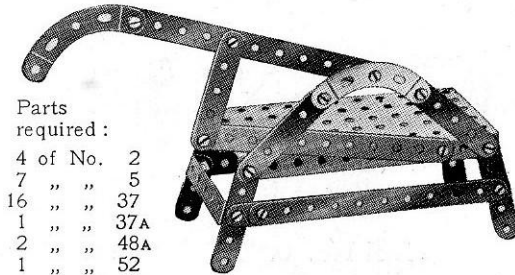
**Model No. 0.103 Rattle**



Parts required:

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

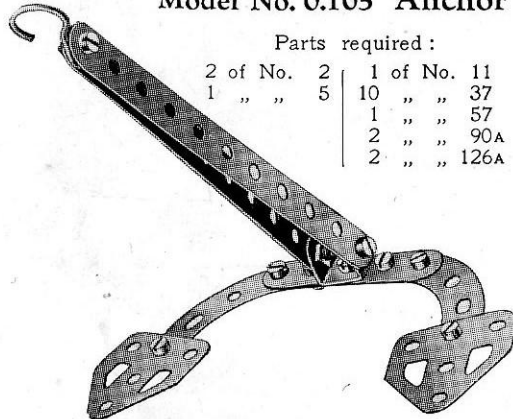
**Model No. 0.104 Shearing Machine**



Parts required:

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

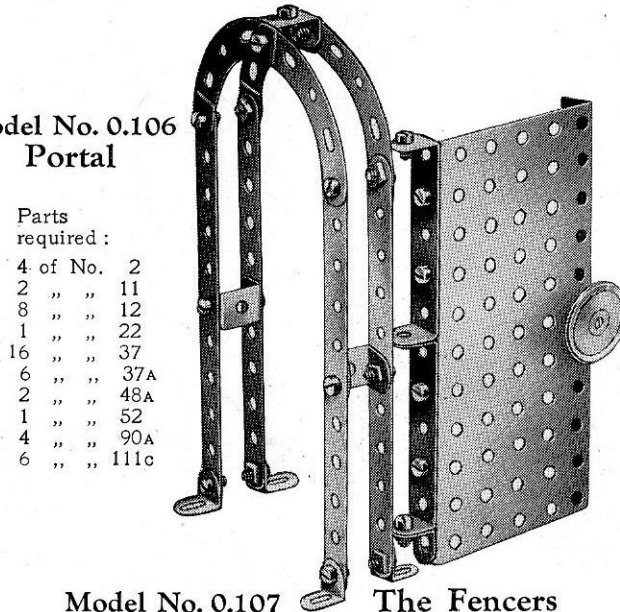
**Model No. 0.105 Anchor**



Parts required:

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

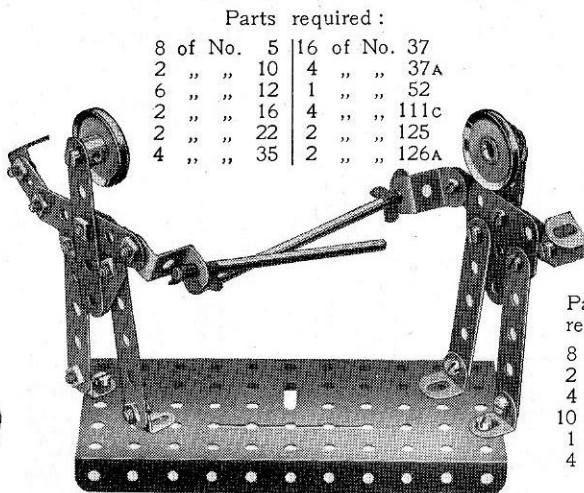
**Model No. 0.106 Portal**



Parts required:

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

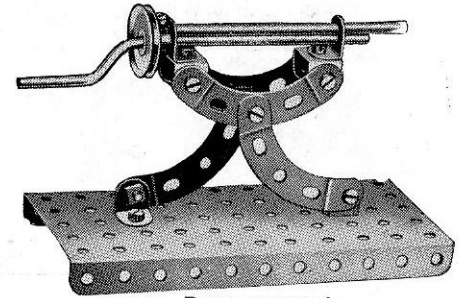
**Model No. 0.107 The Fencers**



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

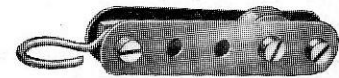
**Model No. 0.108 Machine Gun**



Parts required:

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

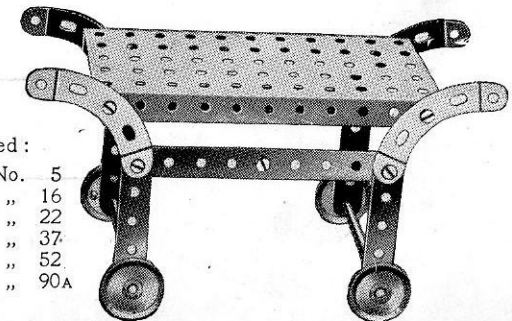
**Model No. 0.109 Single Sheaf Pulley Block**



Parts required:

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

**Model No. 0.110 Tea Wagon**



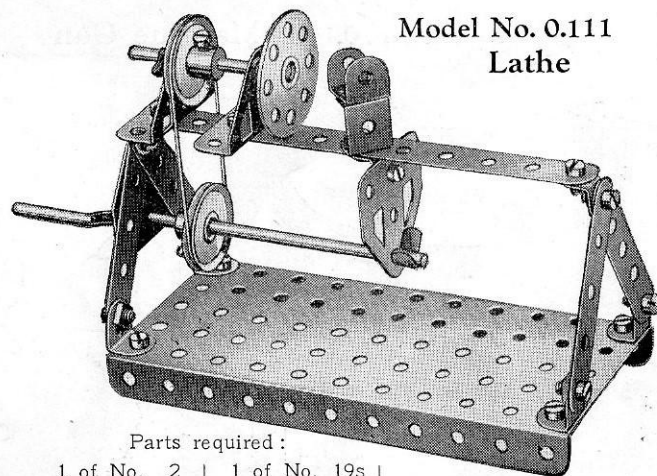
Parts required:

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



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

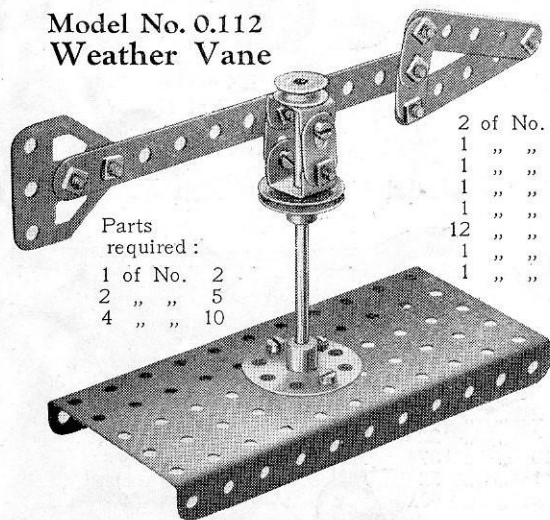
**Model No. 0.111  
Lathe**



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**

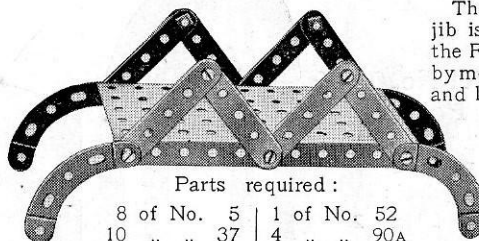


Parts required:

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**



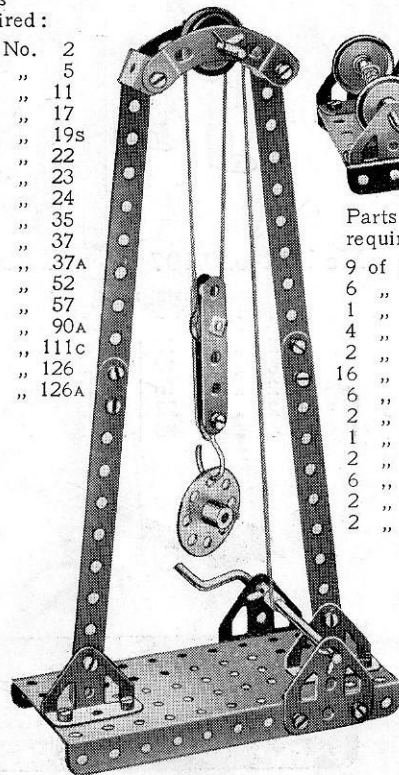
Parts required:

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 " " 11
1 " " 17
1 " " 19s
1 " " 22
1 " " 23
1 " " 24
5 " " 35
16 " " 37
4 " " 37A
1 " " 52
1 " " 57
2 " " 90A
4 " " 111c
2 " " 126
2 " " 126A

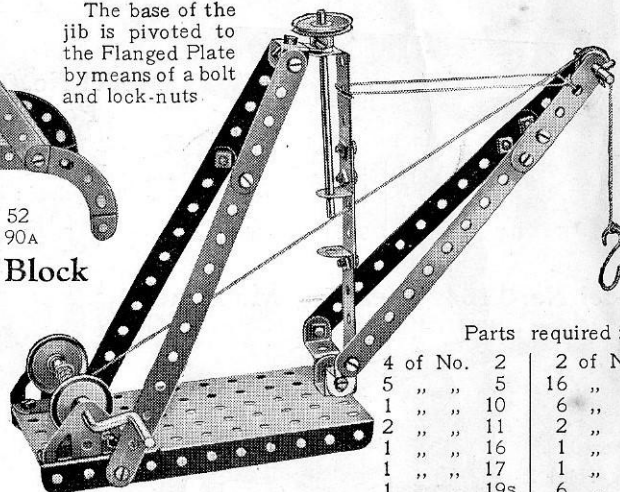


Parts required:

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

**Model No. 0.115 Derricking Crane**

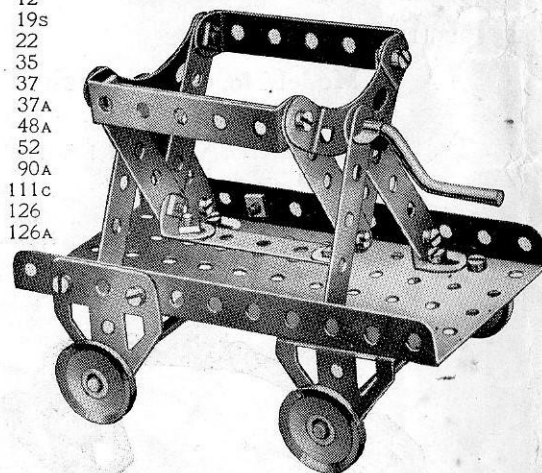
The base of the jib is pivoted to the Flanged Plate by means of a bolt and lock-nuts.



Parts required:

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

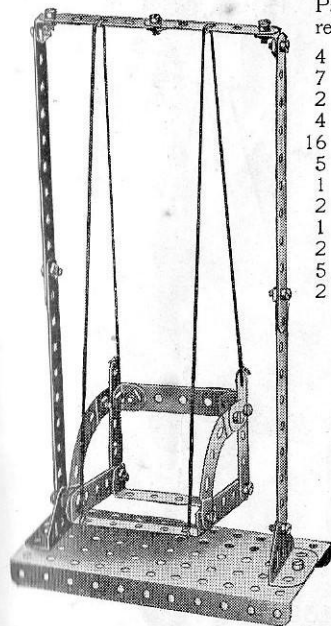
**Model No. 0.116 Dump Car**



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

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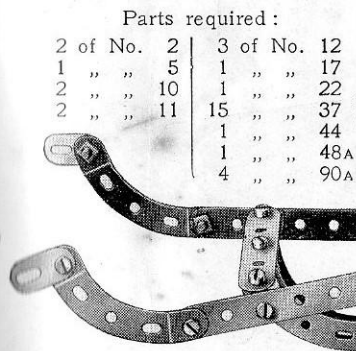
Model No. 0.117 Swing



Parts required:

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

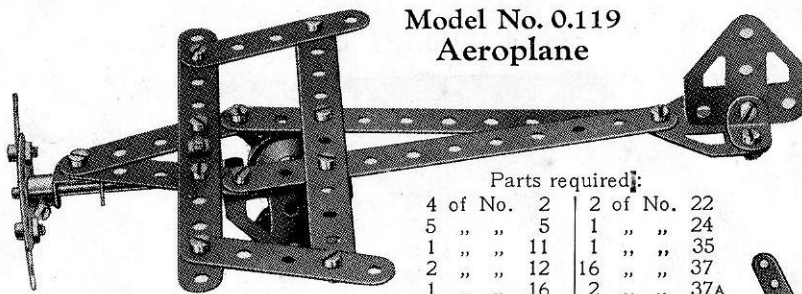
Model No. 0.118 Plough



Parts required:

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

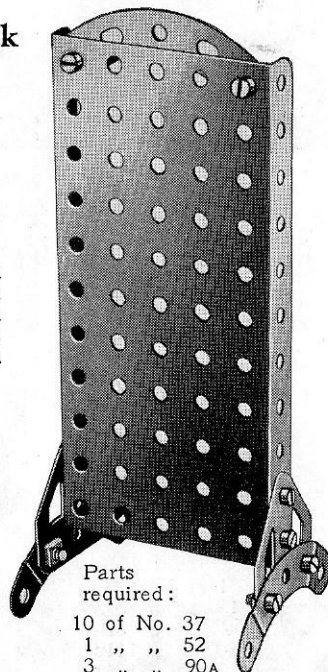
Model No. 0.119 Aeroplane



Parts required:

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

Model No. 0.121 Notice Board



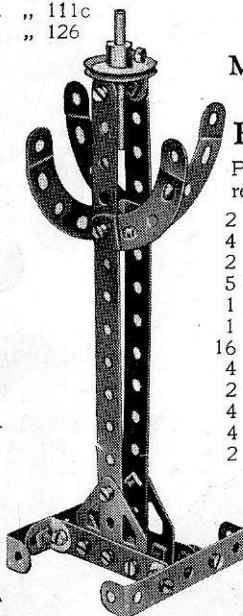
Parts required:

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

Model No. 0.120 Hat Rack

Parts required:

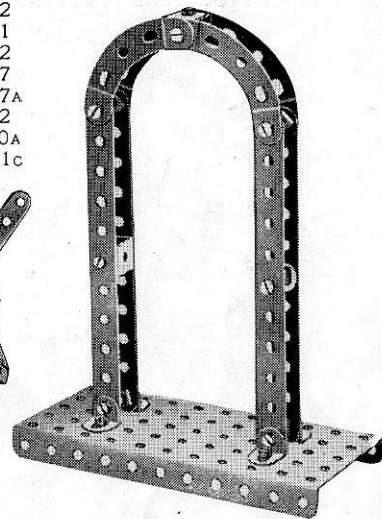
2 of No.	2
4 " "	5
4 " "	11
5 " "	12
1 " "	17
1 " "	22
16 " "	37
4 " "	37A
2 " "	48A
4 " "	90A
4 " "	111c
2 " "	126A



Parts required:

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

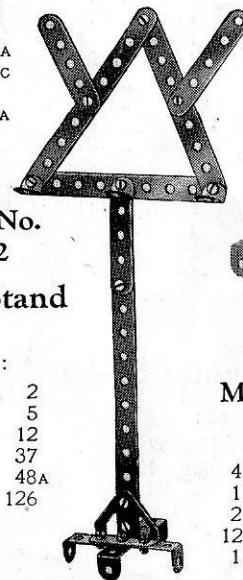
Model No. 0.123 Arch



Model No. 0.122 Music Stand

Parts required:

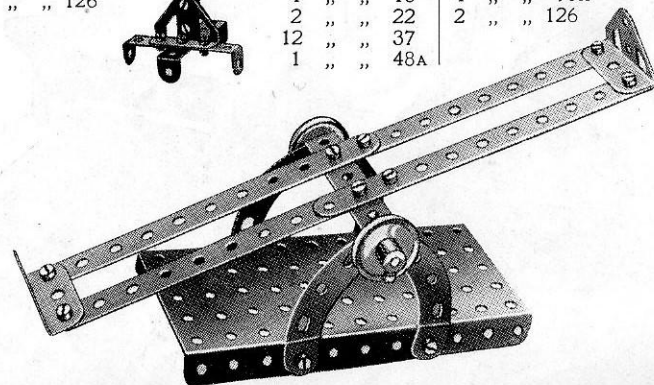
1 of No.	2
9 " "	5
3 " "	12
12 " "	37
2 " "	48A
1 " "	126



Model No. 0.124 See-Saw

Parts required:

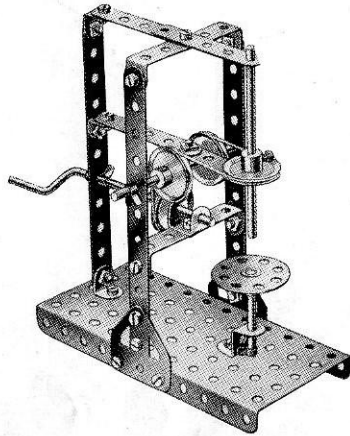
4 of No.	2	1 of No.	52
1 " "	16	4 " "	90A
2 " "	22	2 " "	126
12 " "	37		
1 " "	48A		





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

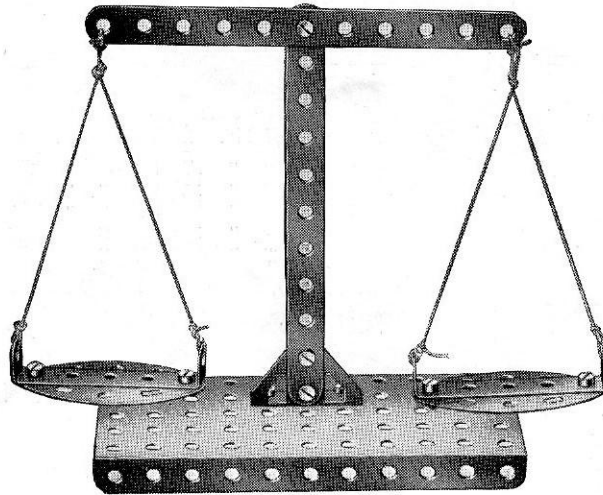
### Model No. 0.125 Drilling Machine



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



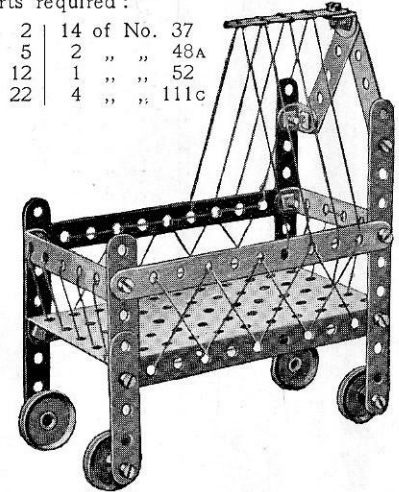
Parts required :

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 :

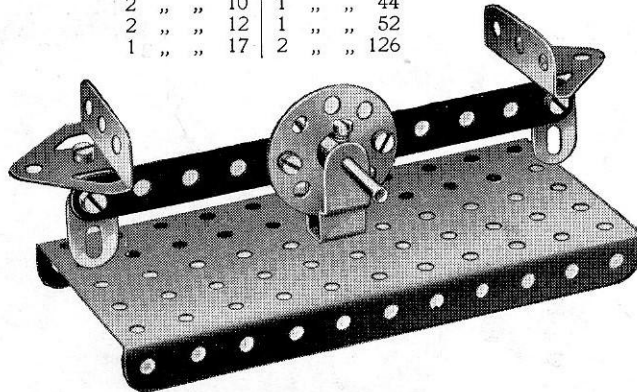
4 of No.	2	14 of No.	37
7 " "	5	2 " "	48A
3 " "	12	1 " "	52
4 " "	22	4 " "	111c



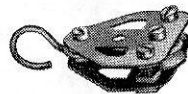
### Model No. 0.126 Counter Scales

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



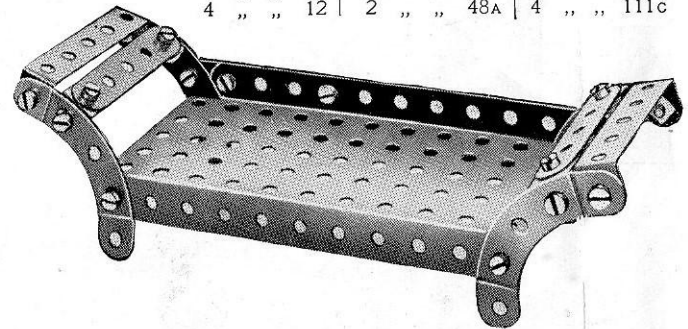
Parts  
required :

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

### Model No. 0.130 Couch

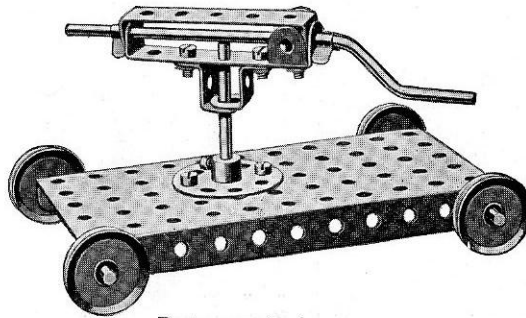
Parts required :

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)

### 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	

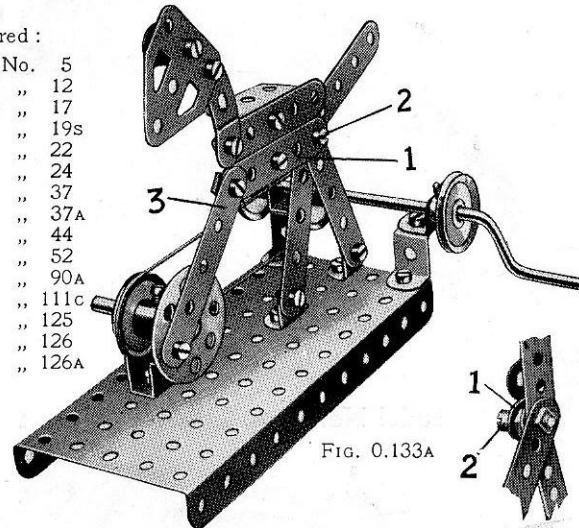
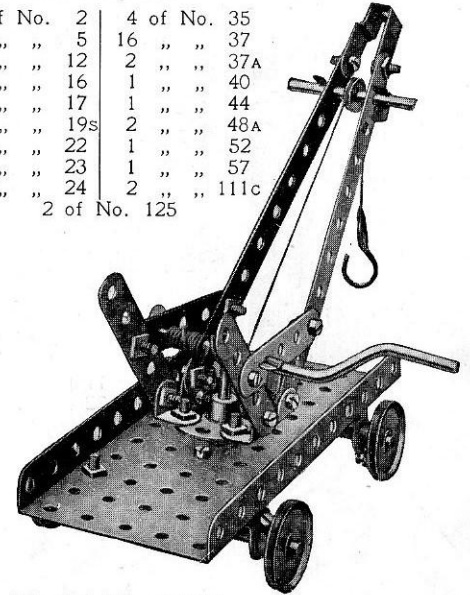


Fig. 0.133A

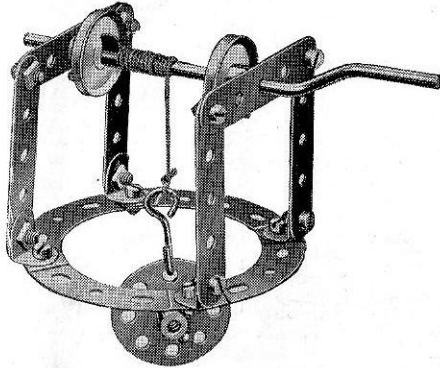
### Model No. 0.135 Swivelling Crane

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

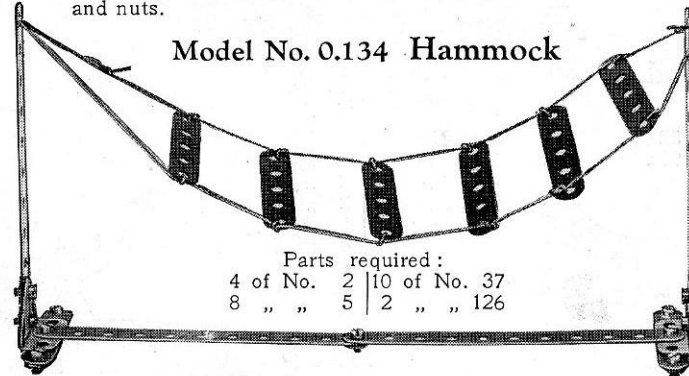


Parts required :

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



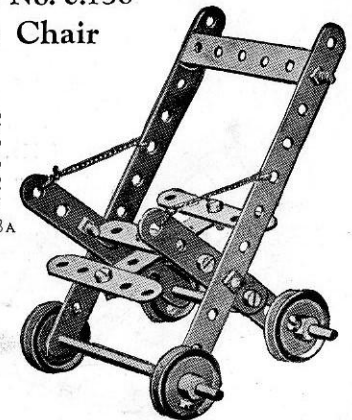
Parts required :

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

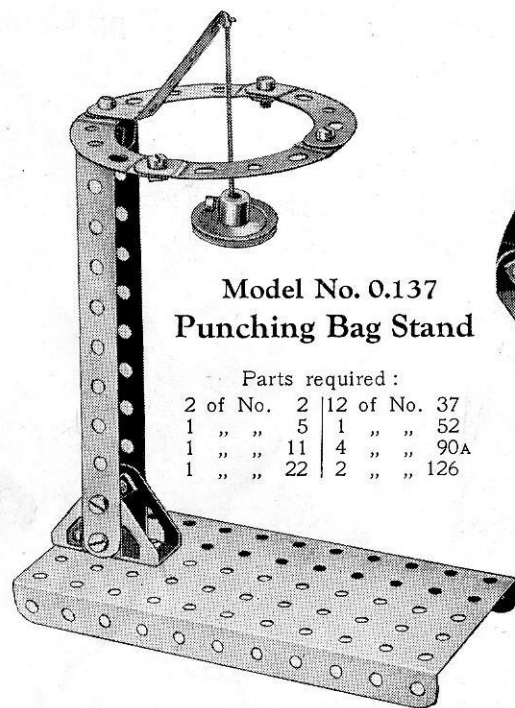
### Model No. 0.136 Go Chair

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)

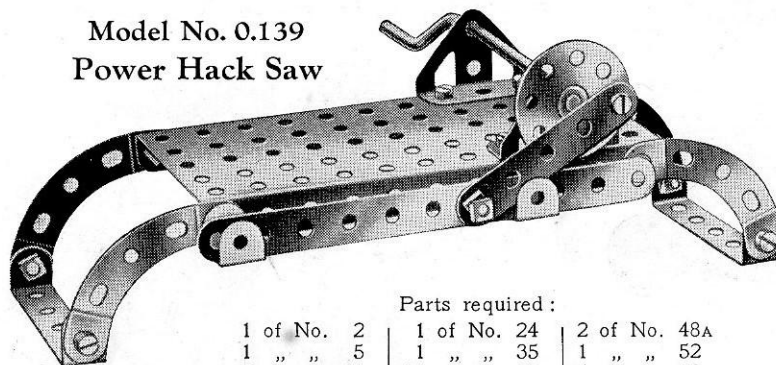


**Model No. 0.137**  
**Punching Bag Stand**

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 :

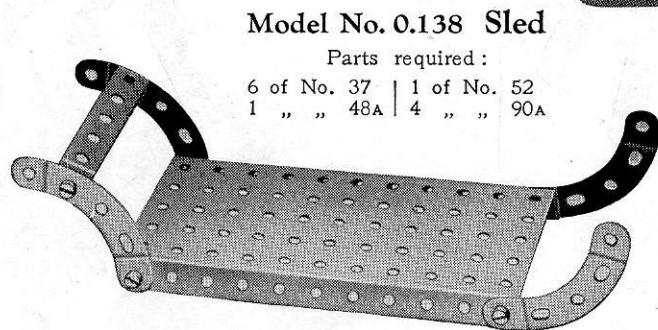
1 of No. 2	1 of No. 24	2 of No. 48A
1 " " 5	1 " " 35	1 " " 52
2 " " 11	16 " " 37	4 " " 90A
1 " " 19s	2 " " 37A	2 " " 126

**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. 0.138 Sled**

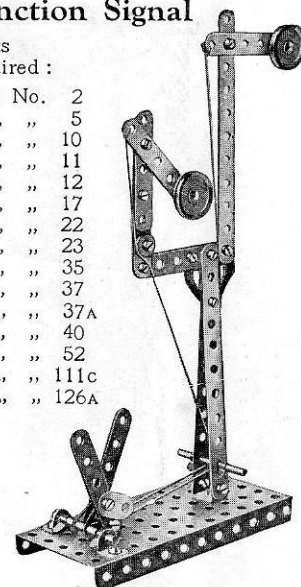
Parts required :

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

**Model No. 0.141**  
**Junction Signal**

Parts required :

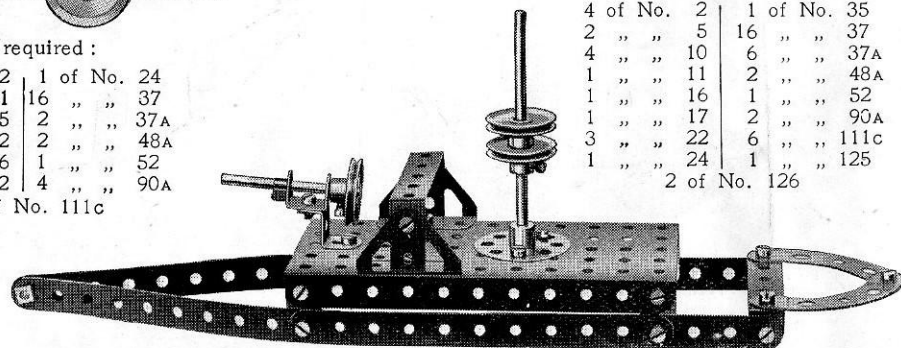
3 of No. 2	
7 " " 5	
2 " " 10	
2 " " 11	
2 " " 12	
2 " " 17	
2 " " 22	
1 " " 23	
4 " " 35	
16 " " 37	
5 " " 37A	
1 " " 40	
1 " " 52	
5 " " 111c	
1 " " 126A	



**Model No. 0.142**  
**Battleship**

Parts required :

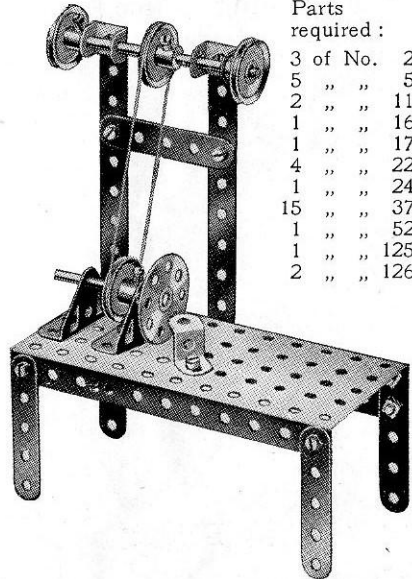
4 of No. 2	1 of No. 35
2 " " 5	16 " " 37
4 " " 10	6 " " 37A
1 " " 11	2 " " 48A
1 " " 16	1 " " 52
1 " " 17	2 " " 90A
3 " " 22	6 " " 111c
1 " " 24	1 " " 125
	2 of No. 126





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

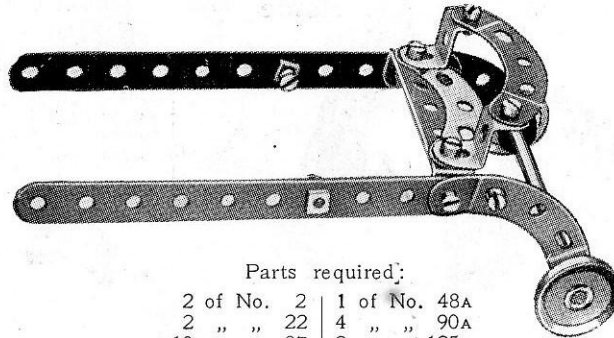
### Model No. 0.143 Bench Lathe



Parts required:

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

### Model No. 0.145 Sulkey



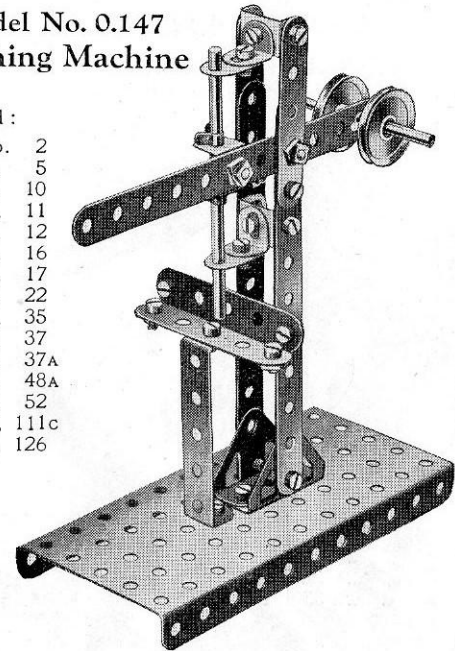
Parts required:

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

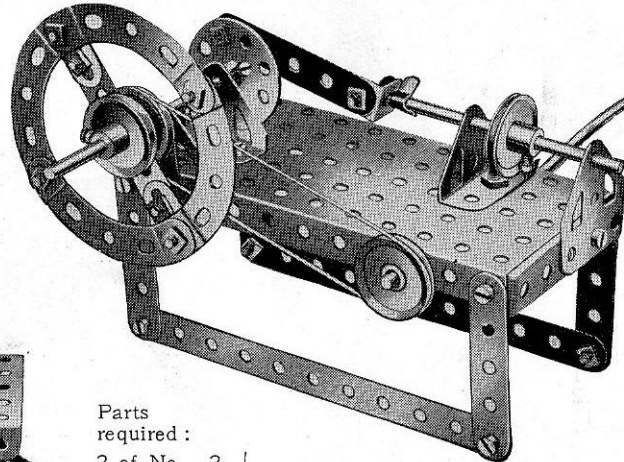
### Model No. 0.147 Punching Machine

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



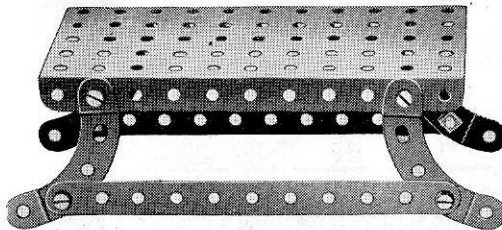
### Model No. 0.146 Horizontal Engine



### Model No. 0.144 Bench

Parts required:

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



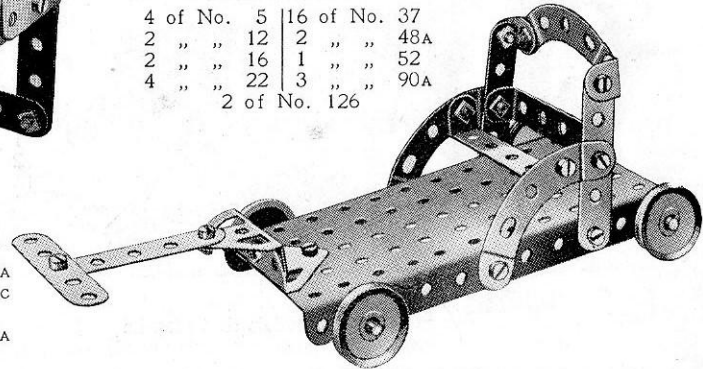
Parts required:

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

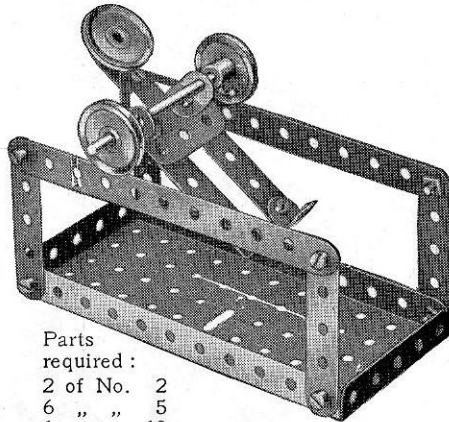
### Model No. 0.148 Bath Chair

Parts required:

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

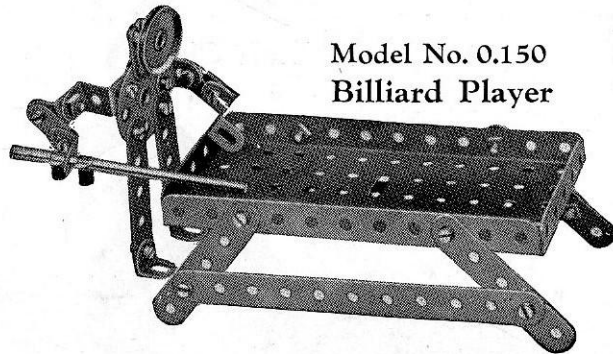


**Model No. 0.149**  
**Parallel Bars**



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. 0.150**  
**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

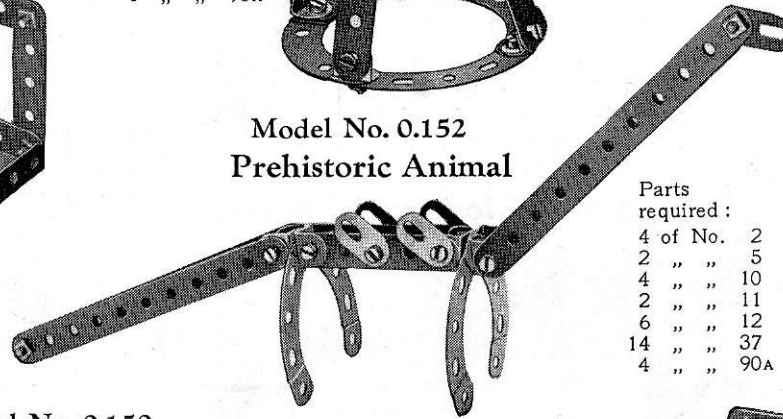
**Model No. 0.151 Candle Shade**

Parts  
required :

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



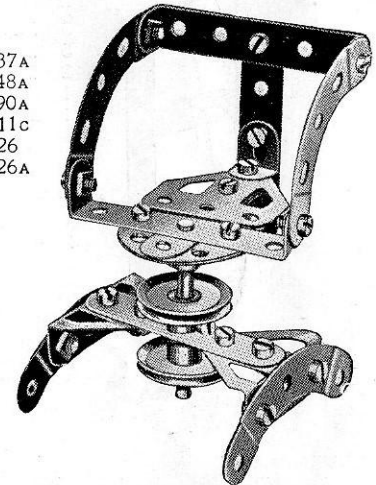
**Model No. 0.152**  
**Prehistoric Animal**



**Model No. 0.153 Revolving Office Chair**

Parts required :

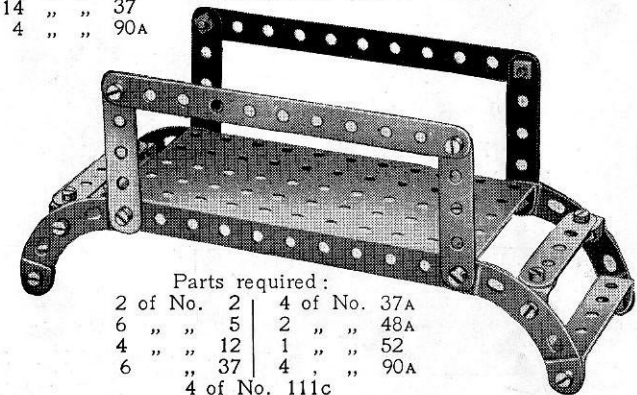
3 of No.	5	2 of No.	37A
1 " "	12	2 " "	48A
1 " "	17	4 " "	90A
2 " "	22	2 " "	111c
1 " "	24	2 " "	126
16 " "	37	1 " "	126A



Parts  
required :

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

**Model No. 0.154 Bridge**



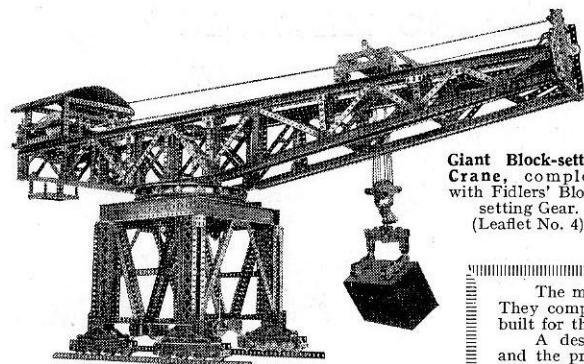
Parts required :

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

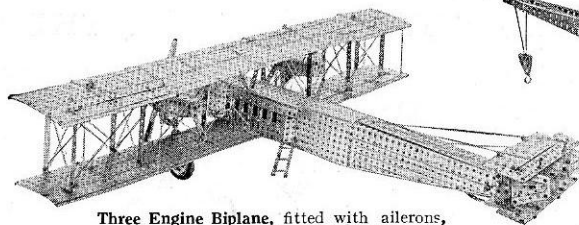
### HOW TO CONTINUE

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

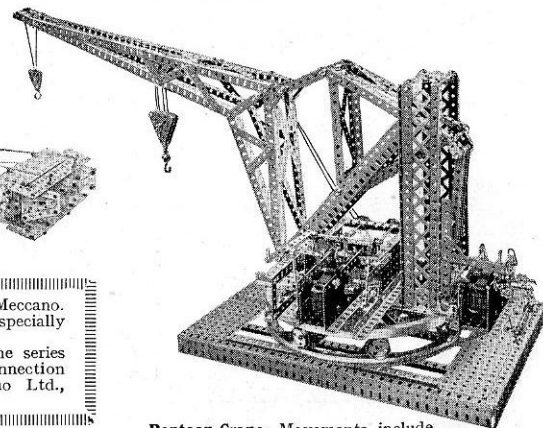
# A Selection of Meccano Super Models



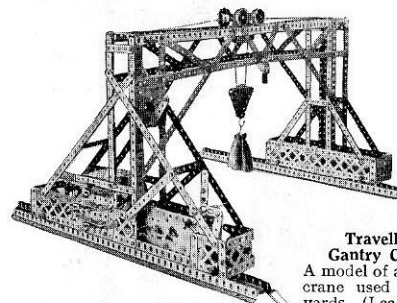
**Giant Block-setting Crane**, complete with Fidler's Block-setting Gear. (Leaflet No. 4).



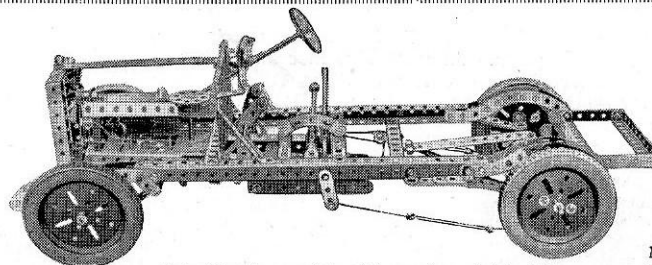
**Three Engine Biplane**, fitted with ailerons, elevators, rudders, etc. (Leaflet No. 34).



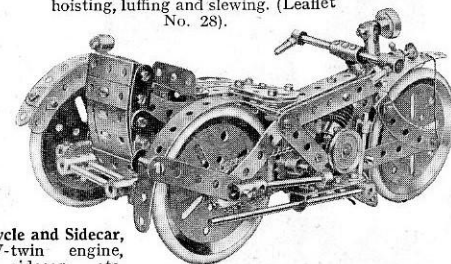
**Pontoon Crane**. Movements include hoisting, luffing and slewing. (Leaflet No. 28).



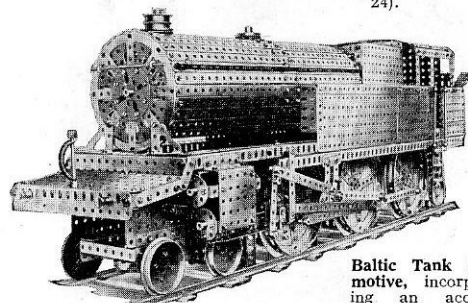
**Travelling Gantry Crane**. A model of a type of crane used in ship-yards. (Leaflet No. 24).



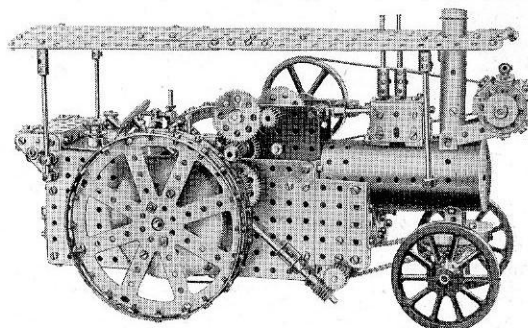
**Motor Chassis**, complete with gear box, clutch, differential, internal expanding brakes, etc. (Leaflet No. 1).



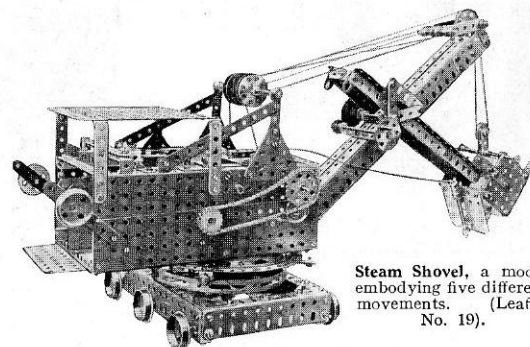
**Motor Cycle and Sidecar**, with V-twin engine, sprung sidecar, etc. (Leaflet No. 3).



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



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



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

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

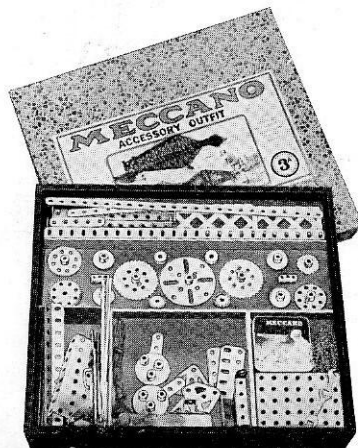
A descriptive leaflet giving full particulars of all the models in the series and the prices of the special Instruction Leaflets that are published in connection with them, may be obtained from your dealer or direct from Meccano Ltd., Old Swan, Liverpool.



## MECCANO ACCESSORY OUTFITS

### The Purpose of Meccano Accessory Outfits

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



## THE "MECCANO MAGAZINE"

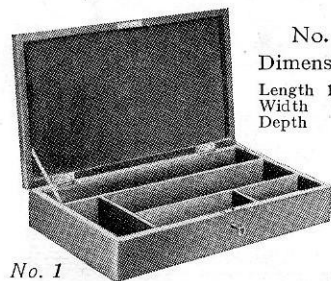
### The World's Best Magazine for Boys

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



## STORAGE BOXES FOR MECCANO PARTS

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

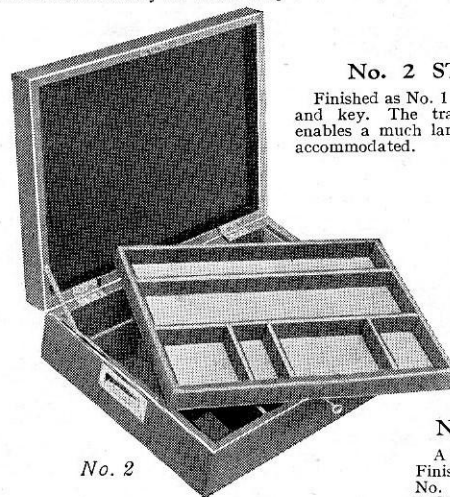


No. 1

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

### No. 1 STORAGE BOX

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



No. 2

### No. 2 STORAGE BOX

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

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

### No. 3 STORAGE BOX

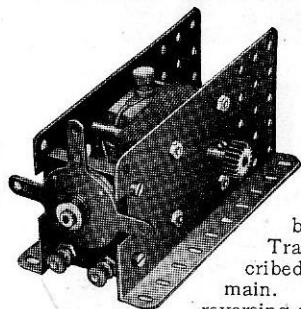
A perfect receptacle for Meccano parts. Finished similarly to the No. 1 and No. 2 boxes and provided with lock and key. Fitted with two partitioned trays.



No. 3

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

## MECCANO ELECTRIC MOTOR No. 6 (6 volts)



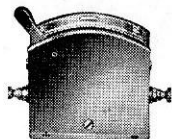
The 6-volt Motor is specially designed to build into Meccano models. It may be run from a 6-volt accumulator, or, by employing the Transformer described below, from the main. It is fitted with reversing motion and provided with stopping and starting controls. **IMPORTANT.**—The 6-volt Motor will not 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.

## MECCANO RESISTANCE CONTROLLER

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



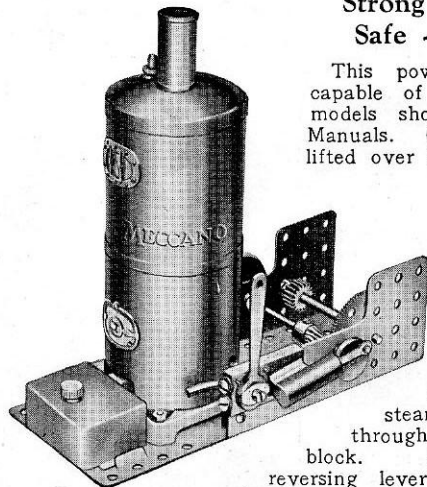
# MECCANO

## POWER UNITS AND ACCESSORIES

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

## MECCANO STEAM ENGINE

**Strong - Powerful  
Safe - Reversing**



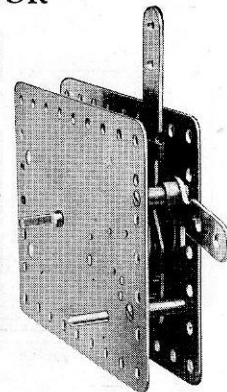
This powerful steam unit is capable of driving any of the models shown in the Meccano Manuals. On actual test it has lifted over 56 lbs. The base and side plates of the engine are drilled with standard Meccano equidistant holes, so that the engine may be built into any model.

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

## MECCANO CLOCKWORK MOTOR

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

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



## ACCUMULATOR 6 volts, 20 amps.

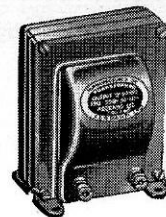
The Meccano Accumulator is of substantial construction and is specially recommended for running the Meccano Electric Motor No. 6.

## 2 volts, 20 amps.

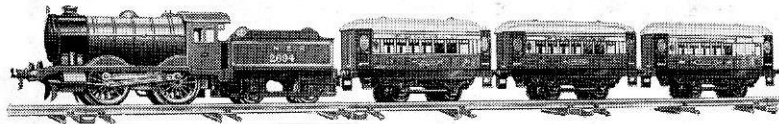
This 2-volt 20-amp. Accumulator is supplied for converting 4-volt Accumulators to 6 volts

## TRANSFORMER

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

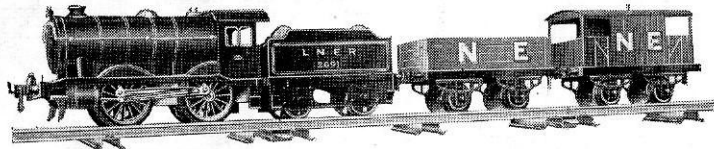


## A FINE SELECTION OF HORNBY TRAINS



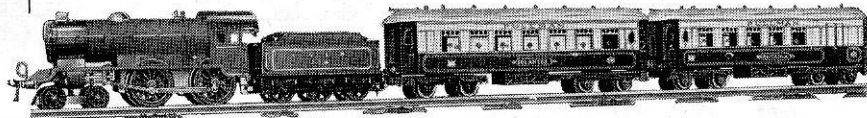
### \*No. 1 Special Passenger Set

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



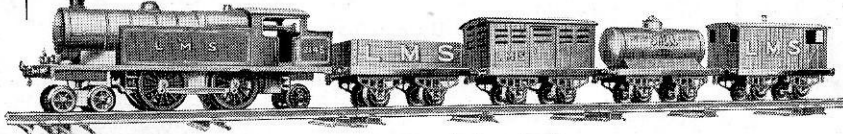
### \*No. 1 Special Goods Set

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



### \*No. 2 Special Pullman Set

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



### \*No. 2 Mixed Goods Set

This realistic Goods Train consists of 4-4-2 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.

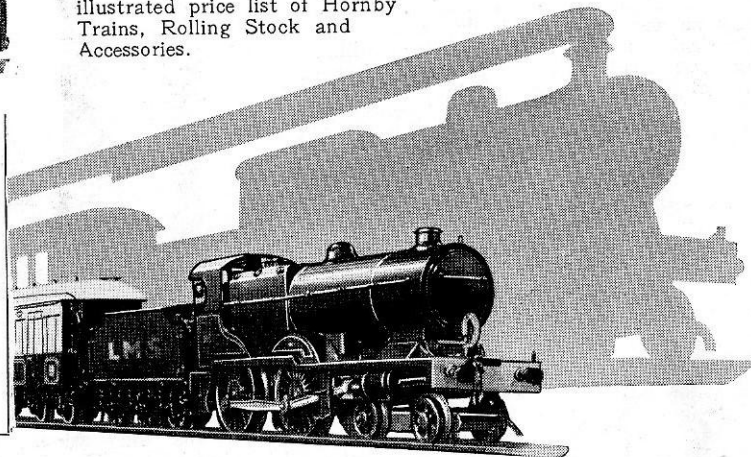
# HORNBY TRAINS

## 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.



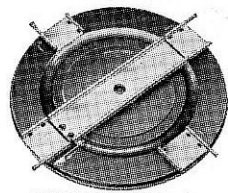
For prices of the above see price list at end of Manual.



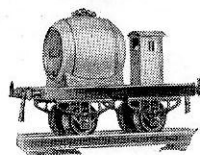
# HORNBY ROLLING STOCK AND ACCESSORIES



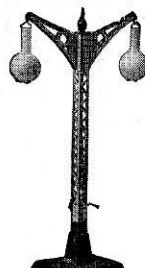
\*LUMBER WAGON No. 2. Price 4/-



TURNTABLE No. 1  
Price 2/9



SINGLE WINE WAGON  
Price 4/-



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



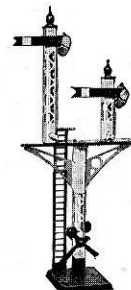
\*HOPPER WAGON  
Price 3/6



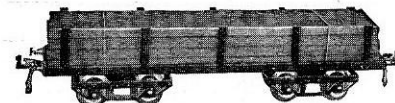
SIDE TIPPING WAGON  
Price 2/6



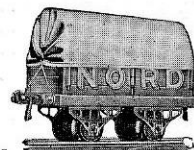
\*TROLLEY WAGON. Price 4/6



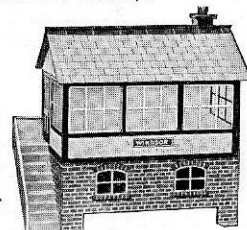
JUNCTION SIGNAL  
Price 6/-



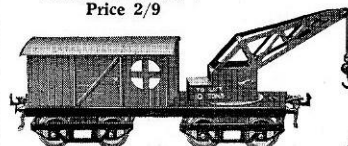
\*TIMBER WAGON No. 2. Price 3/6



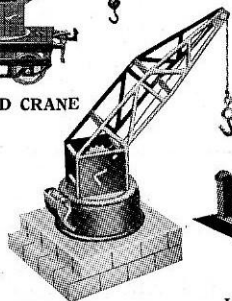
COVERED WAGON  
(French Type). Price 3/-



SIGNAL CABIN No. 2  
Price 5/6



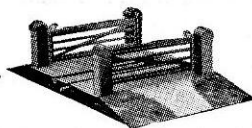
\*BREAKDOWN VAN AND CRANE  
Price 6/3



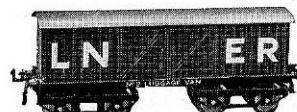
PLATFORM CRANE  
Price 4/9



\*SNOW PLOUGH  
Price 5/6



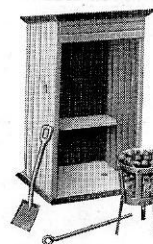
LEVEL CROSSING No. 1  
Price 3/6



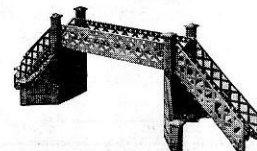
\*LUGGAGE VAN No. 2  
Price 5/9



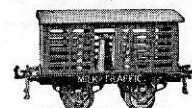
TUNNEL. Price 7/6



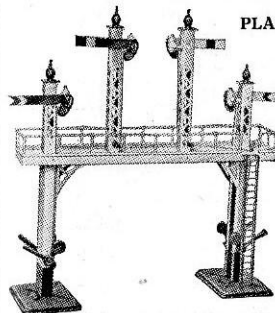
RAILWAY ACCESSORIES  
No. 7  
Watchman's Hut, Brazier  
Shovel and Poker.  
Price 1/6



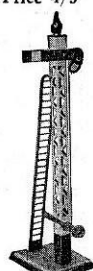
FOOTBRIDGE No. 3  
Price 12/6



\*MILK TRAFFIC VAN  
Price 3/6



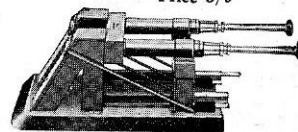
SIGNAL GANTRY. Price 10/-



SIGNAL No. 2  
Price 2/6



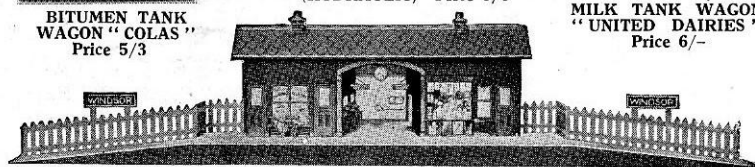
BITUMEN TANK  
WAGON "COLAS"  
Price 5/3



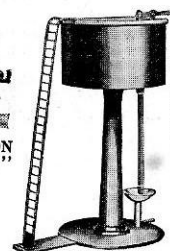
BUFFER STOPS No. 2  
(HYDRAULIC) Price 5/6



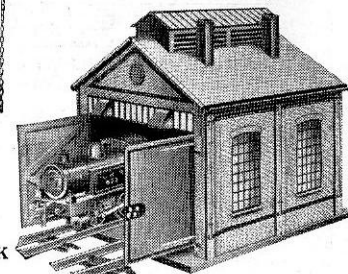
MILK TANK WAGON  
"UNITED DAIRIES"  
Price 6/-



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



WATER TANK  
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ENGINE SHED No. 1  
Price 15/-

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

## Meccano Price List

### MECCANO OUTFITS

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

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

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

### ACCESSORY OUTFITS

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

### MECCANO MOTORS, Etc.

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

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

## Hornby Train Price List

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

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

# MECCANO

## Hornby's Original System, First Patented 1901

## PATENTS AND DESIGNS

## GREAT BRITAIN:

250,378	671,485	682,209	718,404
253,236	671,534	682,934	718,731
290,121	671,790	683,011	733,541
648,958	680,416	686,112	733,542
671,484	682,208	698,054	740,413
			740,723

**No Outfit is genuine unless it bears the Trade Mark MECCANO**

## CONTENTS OF No. 0 OUTFIT

No.	Quantity.	No.	Quantity.	No.	Quantity.	
2.	5½" Perforated Strips .. ..	4	23. ½" Pulley Wheel (without Set-screw)	1	48A. 2½" × 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 .. ..	16	111c. Bolts, ¾" .. ..	6
17.	2" " " .. ..	2	37A. Nuts .. ..	6	125. ½" Reversed Angle Brackets	2
19s.	Crank Handle, Small 3½" Shaft	1	40. Hank of Cord .. ..	1	126. Trunnions .. ..	2
22.	1" Pulley Wheels (with Set-screw)	4	44. Cranked Bent Strip .. ..	1	126A. Flat Trunnions .. ..	2

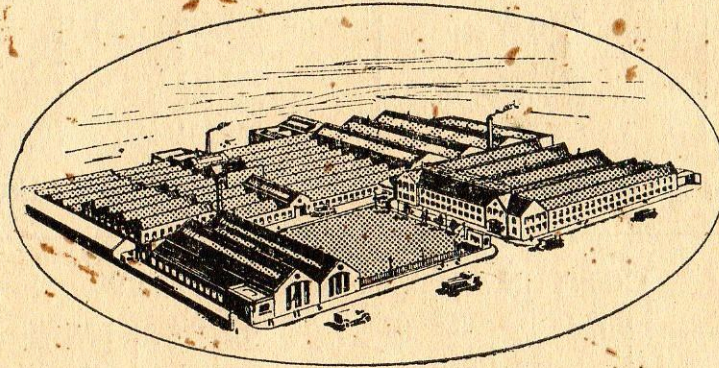


# MECCANO

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