



MECCANO

(TRADE MARKS 296321, 76, 12633, 10274, 55/13476, 569/13, 884/25, 2913, 80, 124, 336)

INSTRUCTIONS

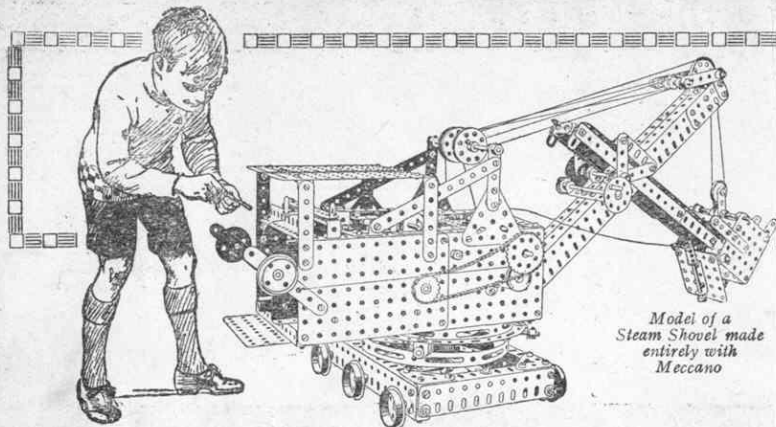
FOR OUTFIT No. 0

Price 4d.

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No. 28.0

ENGLISH EDITION



Model of a
Steam Shovel made
entirely with
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, each one a perfect reproduction of the real thing. 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.

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, 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, and yet so simple that even an inexperienced boy may join in the fun without first having to study or learn anything.

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.

IMPROVED MECCANO PARTS

You will observe that a number of models included in this Manual show the new style $5\frac{1}{2}" \times 2\frac{1}{2}"$ Flanged Plate (with flanges at the ends as well as the sides) and improved Sector Plate (with two additional rows of holes), but it should be noted that, although the new parts are more adaptable, the old-style plates may still be used in their place if desired. When it is required to journal an Axle Rod in a slot in the new Flanged Plates, an ordinary Strip should first be bolted to the Plate so that one of its holes forms an additional bearing for the Rod.

THE LIFE OF A MECCANO BOY

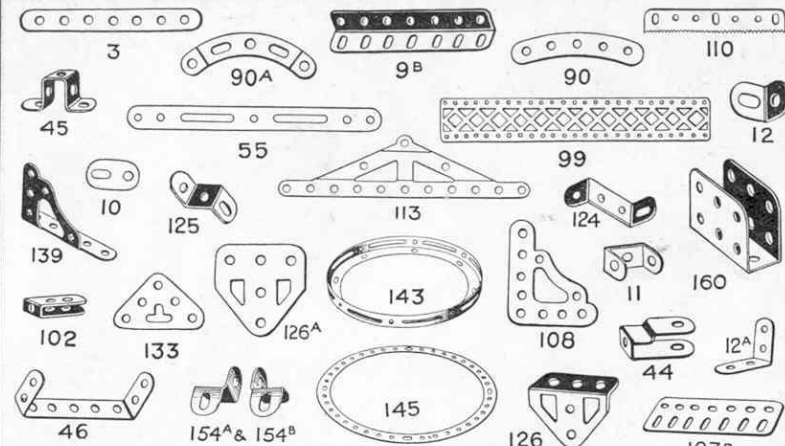
A Meccano boy is the happiest boy in the world. He builds models from the Meccano instruction books ; invents new models ; enters the Competitions which are always being held in connection with the hobby ; joins the Meccano Guild and a Meccano Club and by wearing the Guild badge proclaims himself to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

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 contains splendid articles on such subjects as Railways, Famous Engineers and Inventors, Electricity, Bridges, Cranes, Wonderful Machinery, Aeroplanes, Latest Patents, Radio, Stamps, Photography, Books and other topics of interest to boys, including suggestions for new Meccano parts and correspondence columns in which the Editor replies to his readers' enquiries. The publishing date is the 1st of each month.

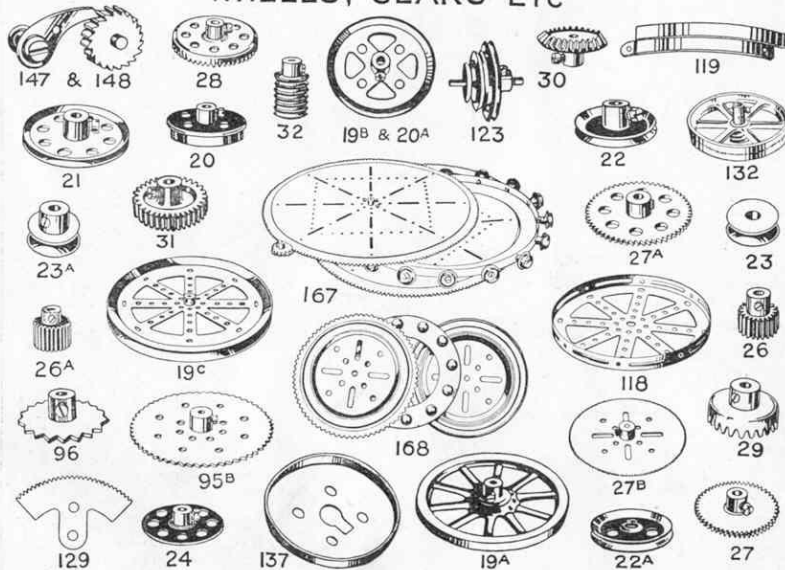
Write to the Editor, "Meccano Magazine," Blinns Road, Liverpool, enclosing 6d. in stamps. He will then forward a specimen copy of the M.M." post free. If you wish to become a regular subscriber the rates are 4/- for six issues or 8/- for twelve issues, post free.

If you prefer to do so, you may order the Magazine from your Meccano dealer or from any newsagent or bookstall, price 6d.

STRIPS, GIRDERS AND BRACKETS



WHEELS, GEARS Etc



Particulars and Prices of Meccano Parts

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

Meccano Accessory Parts will be supplied in colours unless nickelled parts are specially ordered.

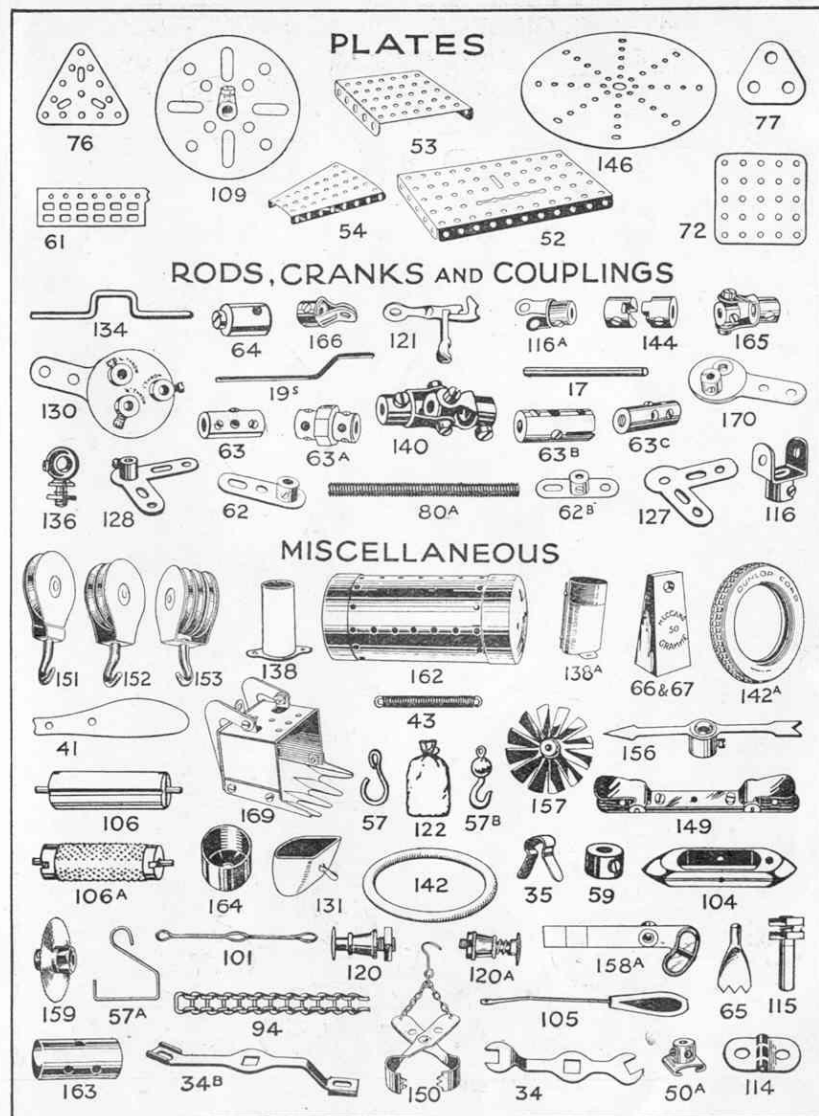
*IMPORTANT—These parts are available with nickel finish only.

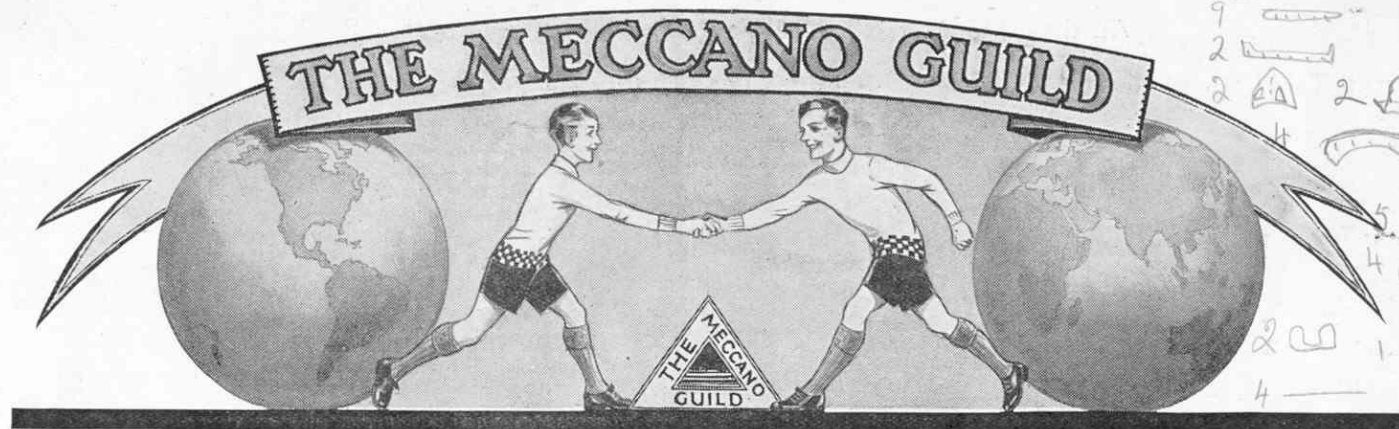
Particulars and Prices of Meccano Parts (continued)

No.		s.	d.	No.		s.	d.				
89.	5 $\frac{1}{2}$ " Curved Strips,	10" radius ...	each	0	2	126a.	Flat Trunnions each	0	1		
89a.	3"	" cranked, 1 $\frac{1}{2}$ "	"	0	2	127.	Simple Bell Cranks	0	1		
		" radius, 4 to circle "	"	0	2	128.	Boss Bell Cranks	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 $\frac{1}{2}$ "	"	0	1	*130.	Triple Throw Eccentrics	"	1	0		
		" radius, 4 to circle "	"	0	1	131.	Dredger Buckets	"	$\frac{1}{2}$ doz.	1	
94.	Sprocket Chain	... per 40" length	0	6	132.	Flywheels, 2 $\frac{1}{2}$ " diam.	"	each	2	0	
*95.	Sprocket Wheels, 2" diam.	"	each	0	5	133.	Corner Brackets	"	0	1	
*95a.	" " 3" " "	"	0	4	*134.	Crank Shafts, 1" stroke	"	0	2		
*95b.	" " 3" " "	"	0	6	135.	Theodolite Protractors	"	0	3		
*96.	" " 1" " "	"	0	3	136.	Handrail Supports	"	0	3		
*96a.	" " 1" " "	"	0	3	137.	Wheel Flanges	"	0	3		
97.	Braced Girders, 3 $\frac{1}{2}$ " long	"	$\frac{1}{2}$ doz.	0	9	138.	Ship's Funnels	"	0	3	
97a.	" " 2 $\frac{1}{2}$ " " "	"	0	8	138a.	" Cunard type	"	0	9		
98.	" " 2 $\frac{1}{2}$ " " "	"	2	6	139.	Flanged Brackets (right)	"	0	2		
99.	" " 12 $\frac{1}{2}$ " " "	"	2	6	139a.	(left)	"	0	2		
99a.	" " 9 $\frac{1}{2}$ " " "	"	2	0	140.	Universal Couplings	"	0	10		
99b.	" " 7 $\frac{1}{2}$ " " "	"	2	0	141.	Wire Lines (for suspending clock weights)	"	0	9		
100.	" " 5 $\frac{1}{2}$ " " "	"	1	0	142.	Rubber Rings, 3" rim	"	0	3		
100a.	" " 4 $\frac{1}{2}$ " " "	"	0	10	142a.	Dunlop Tyre to fit 2" diam. rim	"	0	4		
101.	Heads, for looms	"	doz.	0	9	142b.	" 3"	"	0	6	
102.	Single Bent Strips	"	each	0	1	143.	Circular Girders, 5 $\frac{1}{2}$ " diam.	"	1	0	
103.	Flat Girders, 5 $\frac{1}{2}$ " long	"	$\frac{1}{2}$ doz.	0	10	144.	Dog Clutches	"	0	6	
103a.	" " 9 $\frac{1}{2}$ " " "	"	1	2	145.	Circular Strips, 7" diam. over all	"	0	9		
103b.	" " 12 $\frac{1}{2}$ " " "	"	1	3	146.	" Plates, 6"	"	1	0		
103c.	" " 4 $\frac{1}{2}$ " " "	"	0	9	*147.	Pawls, with pivot bolt and nuts	"	0	3		
103d.	" " 3 $\frac{1}{2}$ " " "	"	0	7	*147a.	Pawls	"	0	2		
103e.	" " 3" " "	"	0	6	*147b.	Pivot Bolt with 2 nuts	"	0	2		
103f.	" " 2 $\frac{1}{2}$ " " "	"	0	5	148.	Ratchet Wheels	"	0	6		
103g.	" " 2" " "	"	0	4	149.	Collecting Shoes, for Electric Locomotives	"	1	6		
103h.	" " 1 $\frac{1}{2}$ " " "	"	0	4	150.	Crane Grabs	"	0	7		
103k.	" " 7 $\frac{1}{2}$ " " "	"	1	0	151.	Pulley Blocks, Single Sheave	"	0	8		
*104.	Shuttles, for looms	"	each	7	6	152.	" Two	"	0	9	
105.	Reed Hooks, for looms	"	0	4	153.	" Three	"	1	0		
106.	Wood Rollers	"	1	6	*154a.	Corner Angle Brackets, $\frac{1}{2}$ ", right hand	"	$\frac{1}{2}$ doz.	0	6	
106a.	Sand Rollers	"	1	9		" left hand	"	0	6		
107.	Tables for Designing Machines	"	1	6	*154b.	Corner Angle Brackets, $\frac{1}{2}$ " left hand	"	each	0	1	
108.	Architraves	"	0	2	155.	Rubber Rings, 8" ...	"	0	4		
109.	Face Plates, 24" diam.	"	0	4	*156.	Pointers, 2 $\frac{1}{2}$ " over all, with boss	"	0	4		
110.	Rack Strips, 3 $\frac{1}{2}$ "	"	2 for	0	1	157.	Fans, 2" diam.	"	0	5	
111.	Bolts, $\frac{1}{2}$ "	"	3 for	0	1	158a.	Signal Arms, Home	"	0	5	
111a.	"	"	doz.	0	3	158b.	" Distant	"	0	5	
111c.	"	"	each	0	3	*159.	Circular Saws	"	0	2	
113.	Girder Frames	"	per pair	0	4	160.	Channel Bearings, 1 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ "	"	0	2	
*114.	Hinges	"	each	0	2	161.	Girder Bracket, 2" x 1" x $\frac{1}{2}$ "	"	per pair	0	0
115.	Threaded Pins	"	0	3	162.	Boiler, complete with ends	"	each	1	0	
*116.	Fork Pieces, Large	"	0	3	162a.	Boiler ends	"	0	3		
*116a.	" Small	"	0	3	163.	Sleeve Pieces	"	pair	0	6	
117.	Steel Balls, $\frac{3}{4}$ " diam.	"	doz.	0	6	164.	Chimney Adaptors	"	each	0	2
118.	Hub Discs, 5 $\frac{1}{2}$ "	"	each	1	3	*165.	Swivel Bearings	"	0	3	
119.	Channel Segments (8 to circle, 11 $\frac{1}{2}$ " diam.)	"	0	4	*166.	End	"	0	3		
120.	Buffers	"	0	2	167.	Geared Roller Bearings	"	20	0	0	
120a.	Spring Buffers	"	per pair	0	8	167a.	Roller Races, geared, 192 teeth	"	4	6	
120b.	Compression Springs	"	each	0	1	167b.	Ring Frames for Rollers	"	3	0	
*121.	Train Couplings	"	0	2	167c.	Pinions for Roller Bearings, 16 teeth	"	1	0	0	
122.	Miniature Loaded Sacks	"	0	2	168.	Ball Bearings, 4" diam.	"	0	3	0	
123.	Cone Pulleys	"	1	3	168a.	Ball Races, flanged	"	0	6	0	
*124.	Reversed Angle Brackets, 1"	"	$\frac{1}{2}$ doz.	0	4	168b.	" geared	"	0	8	
*125.	" " " $\frac{1}{2}$ "	"	0	3	168c.	Ball Casings, complete with balls	"	1	9	0	
126.	Trunnions	"	each	0	2	169.	Digger Buckets	"	2	0	0
					170.	Eccentrics, $\frac{1}{2}$ " throw	"	0	0	0	

Meccano Accessory Parts will be supplied in colours unless nickelled parts are specially ordered.

*IMPORTANT—These parts are available with nickel finish only.





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 which 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, but members abroad will be required to pay 5d. extra for registered postage. 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 active Clubs in over one hundred towns and villages in the United Kingdom and in many countries Overseas. 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



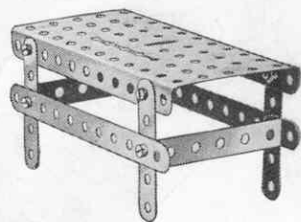
RECRUITING MEDALLION



SPECIAL MERIT MEDALLION

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

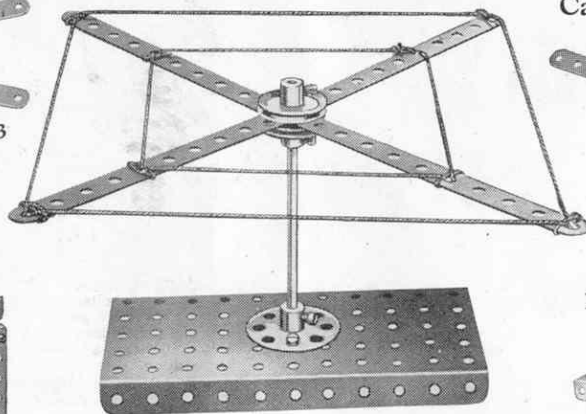
Model No. 00.1 Table



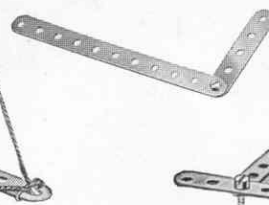
Model No. 00.2 Dividers



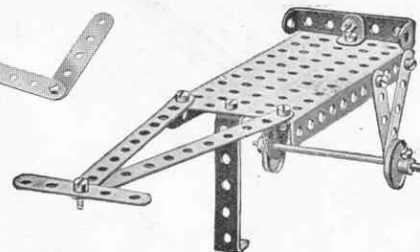
Model No. 00.4 Clothes Hanger



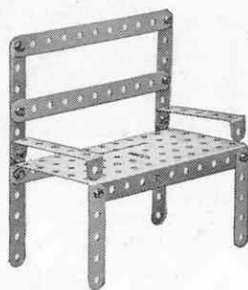
Model No. 00.5
Carpenter's Square



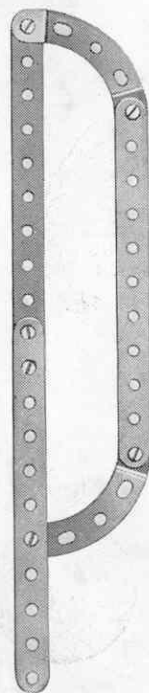
Model No. 00.7
Shipyard Bogie



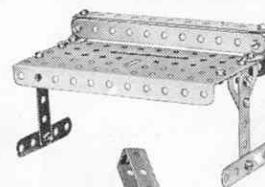
Model No. 00.3
Bench



Model No. 00.8
Meat Saw



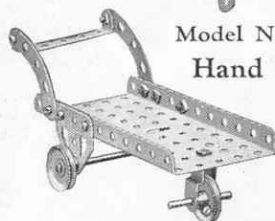
Model No. 00.6 Desk



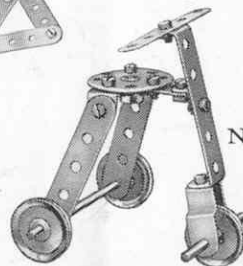
Model No.
00.15
Rifle with
Bayonet



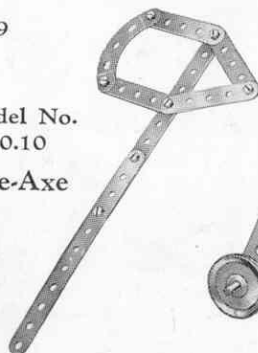
Model No. 00.9
Hand Cart



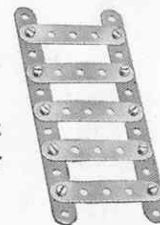
Model No. 00.11
Velocipede



Model No.
00.10
Fire-Axe



Model
No. 00.12
Ladder



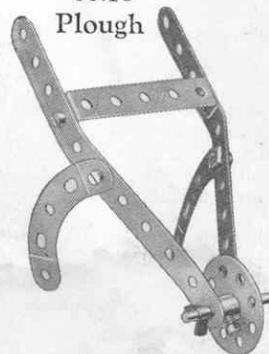
Model No. 00.14
Farm Sight



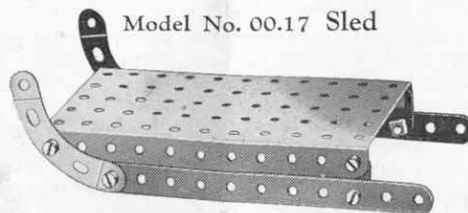
Model No.
00.13
Trowel



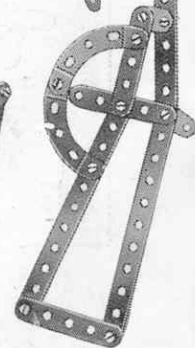
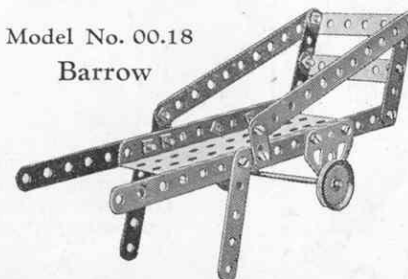
Model No.
00.16
Plough



Model No. 00.17 Sled

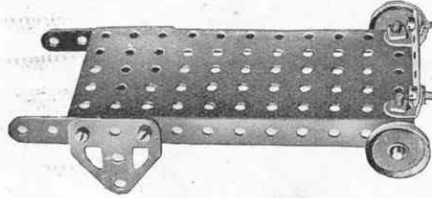


Model No. 00.18
Barrow



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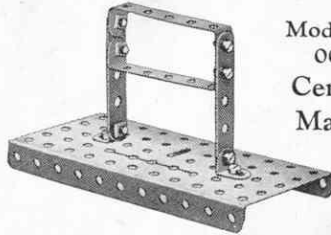
Model No. 00.19 Flat Truck



Model No.
00.22
Spade



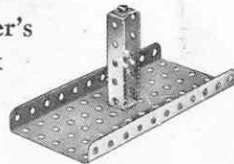
Model No.
00.23
Cement
Marker



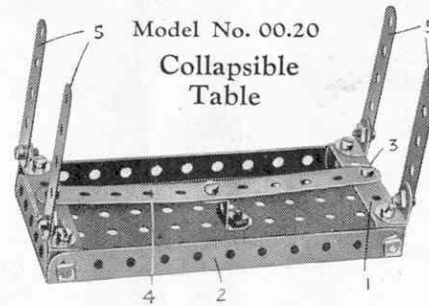
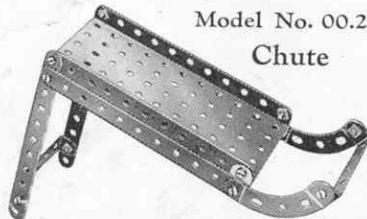
Model No. 00.26 Motor Boat



Model No.
00.27
Plasterer's
Hawk



Model No. 00.28
Chute



Model No. 00.20
Collapsible
Table

The $2\frac{1}{2}'' \times \frac{1}{4}''$ Double Angle Strips 1 are attached to the $5\frac{1}{2}'' \times 2\frac{1}{4}''$ 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 $2\frac{1}{2}'' \times \frac{1}{4}''$ 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. 00.20A.

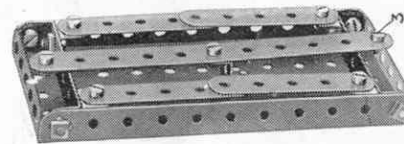
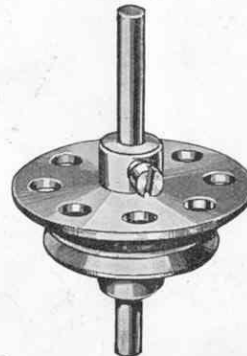
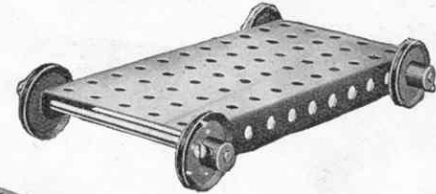


FIG. 00.20A

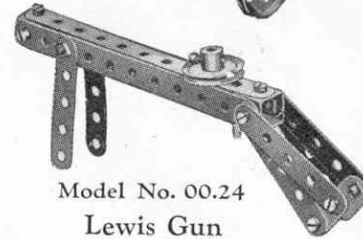
Model No. 00.29
Spinning Top



Model No. 00.21 Trolley

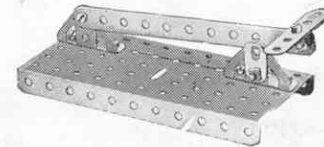


Model No.
00.25
Potato
Chopper

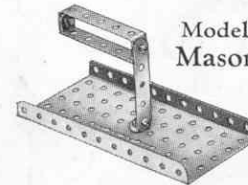


Model No. 00.24
Lewis Gun

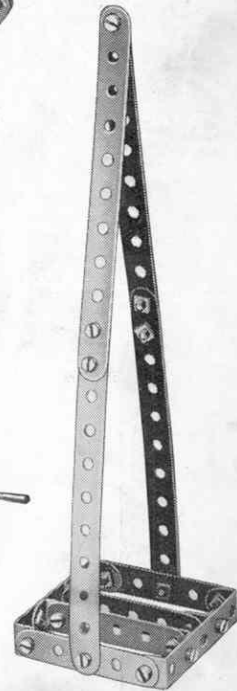
Model No. 00.31 Switch



Model No. 00.30
Mason's Trowel

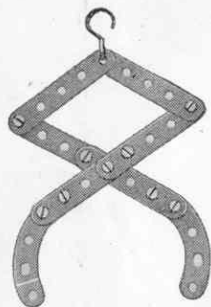


Model No. 00.32
Baggage Cart



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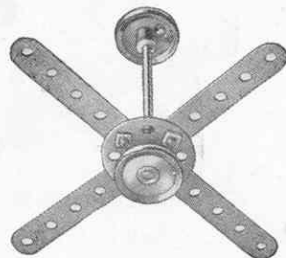
Model No. 00.33
Friction Grip Tongs



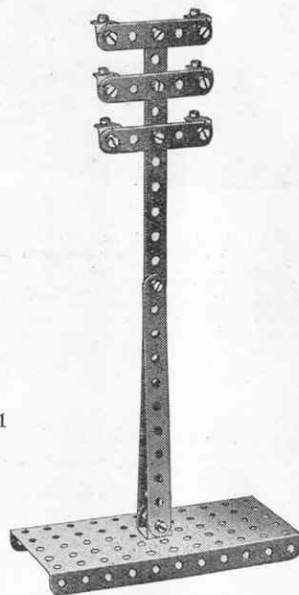
Model No. 00.34 Tweezers



Model No. 00.35 Ceiling Fan



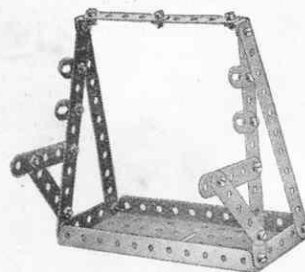
Model No. 00.36
Telegraph Pole



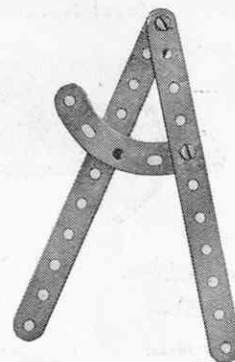
Model No. 00.37
Tin Opener



Model No. 00.38
Pen Rack



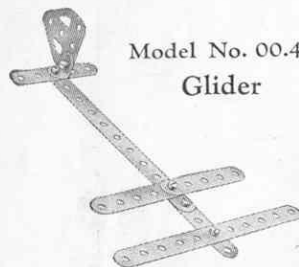
Model No.
00.39
Dividers



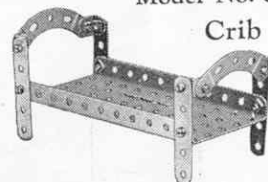
Model No. 00.43
Book End



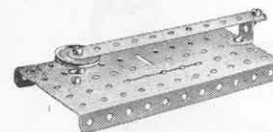
Model No. 00.40
Glider



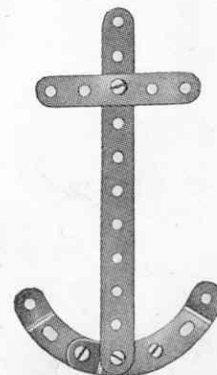
Model No. 00.41
Crib



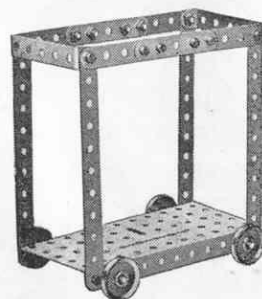
Model No. 00.42
Telegraph Key



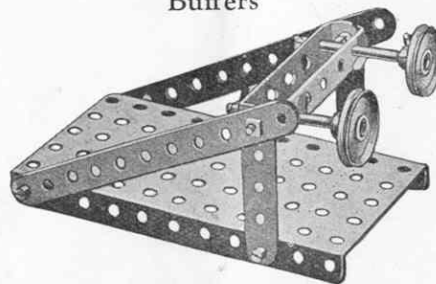
Model No. 00.48
Anchor



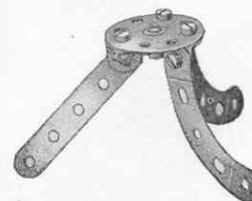
Model No. 00.45
Refreshment Wagon



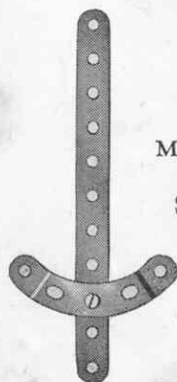
Model No. 00.46
Buffers



Model No. 00.47
Piano Stool

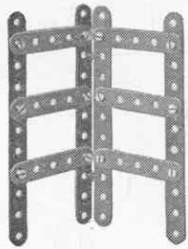


Model No.
00.44
Sword

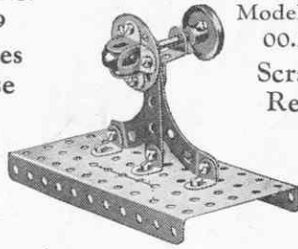


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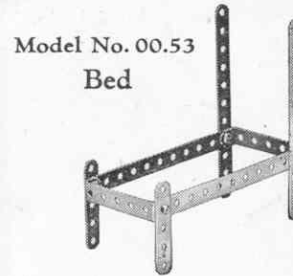
7



Model No.
00.49
Clothes
Horse

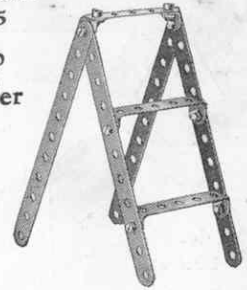


Model No.
00.51
Scrap
Reel

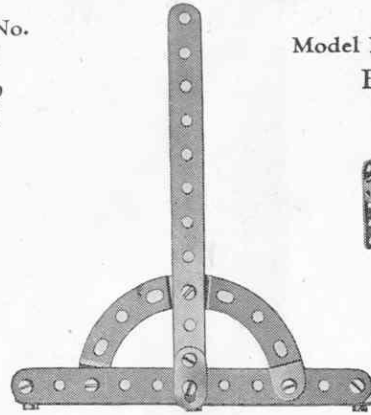


Model No. 00.53
Bed

Model No.
00.55
Step
Ladder



Model No. 00.50
Rake

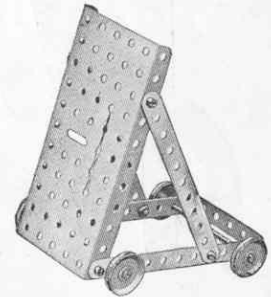


Model No. 00.52 Rake

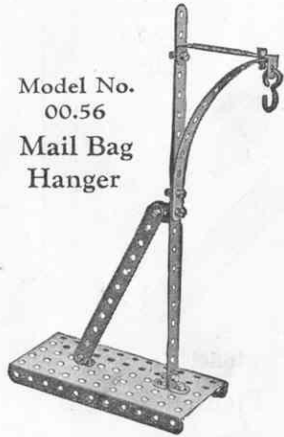
Model No. 00.54
Track Gauge



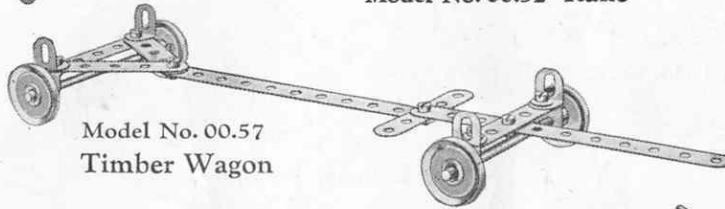
Model No. 00.59
Gravel Sifter



Model No.
00.56
Mail Bag
Hanger



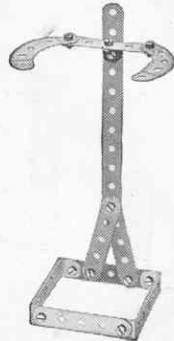
Model No. 00.57
Timber Wagon



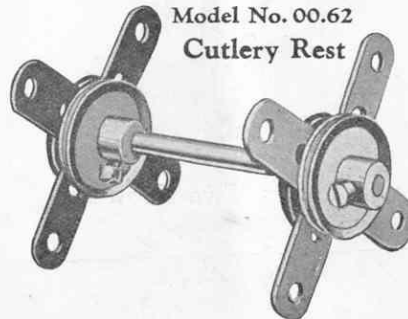
Model No. 00.58
Cheese Cutter



Model No. 00.61
Umbrella Stand



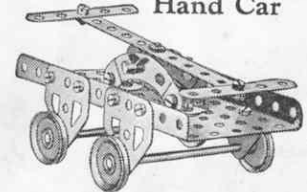
Model No. 00.62
Cutlery Rest



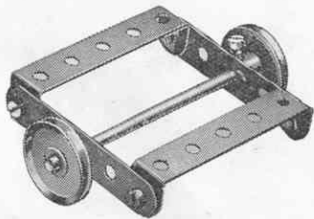
Model No.
00.63
Birdcage
and
Stand



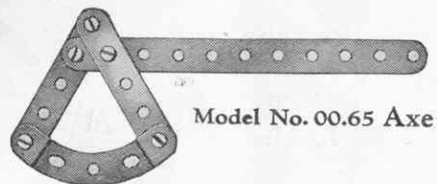
Model No. 00.64
Hand Car



Model No. 00.60 Trolley

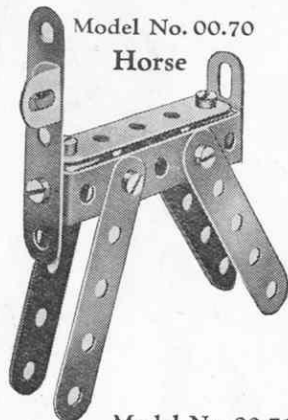
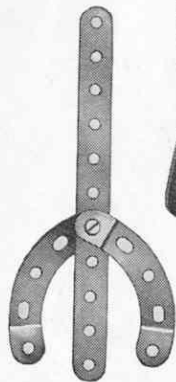


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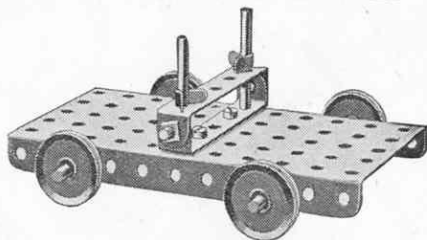
Model No. 00.65 Axe

Model No.
00.69
Fork

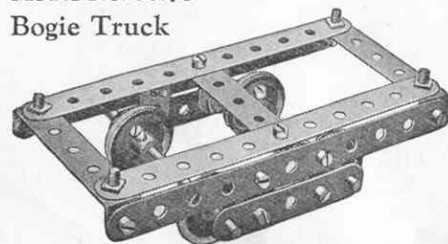


Model No. 00.70
Horse

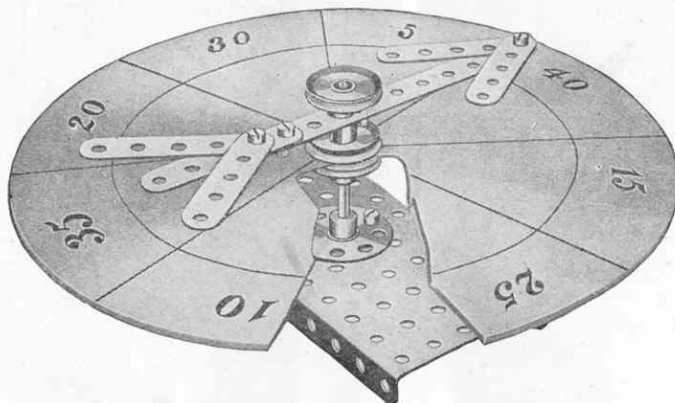
Model No. 00.71 Timber Truck



Model No. 00.76
Bogie Truck

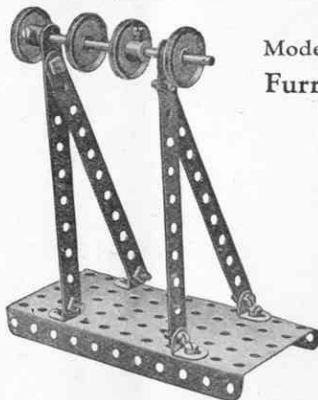


Model No. 00.66 Roulette Wheel

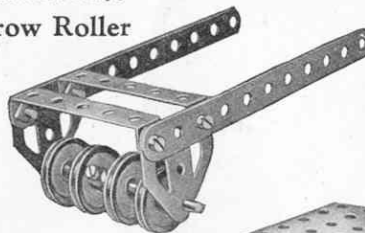


Cut out a circular piece of cardboard, and mark as shown to form scoring board. This is clamped between two 1" pulley wheels. The pointer revolves freely on the upright spindle and is held in position by another 1" pulley wheel.

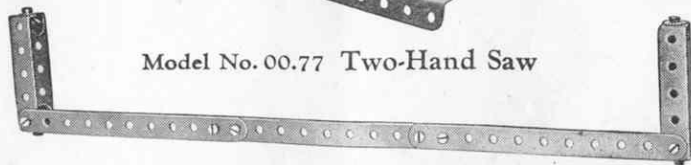
Model No. 00.72 Pulley Shafting



Model No. 00.73
Furrow Roller

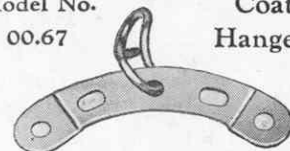


Model No. 00.77 Two-Hand Saw



Model No.
00.67

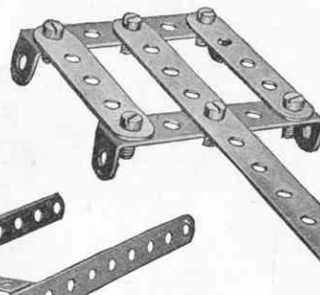
Coat
Hanger



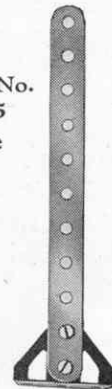
Model No. 00.68
Roman Balance



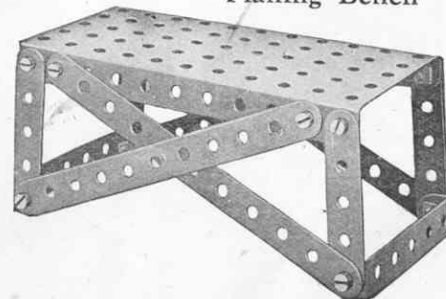
Model No. 00.74 Grill



Model No.
00.75
Hoe

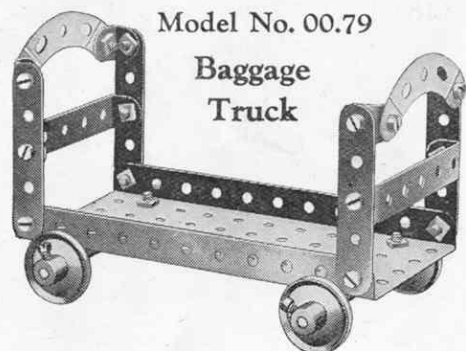


Model No. 00.78
Planing Bench



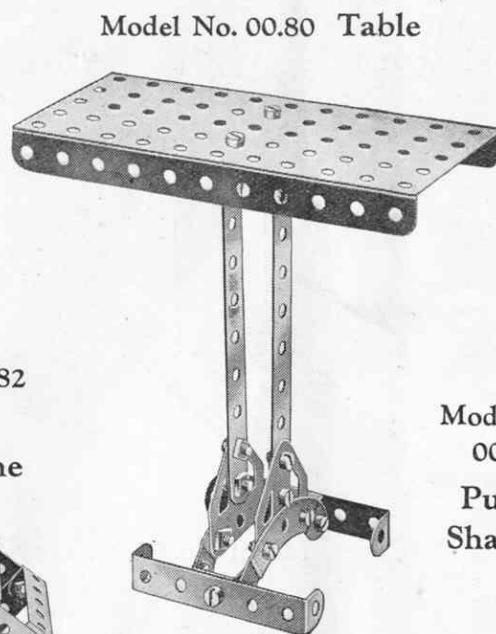
These Models can be built with MECCANO Outfit No. 00

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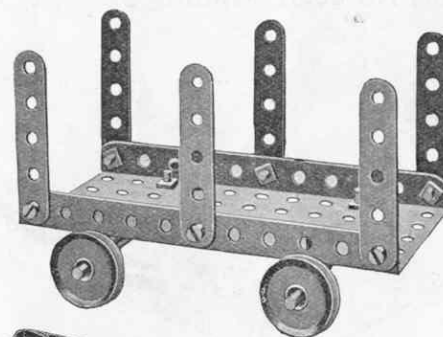
Model No. 00.79

**Baggage
Truck**



Model No. 00.80 Table

Model No. 00.81 Timber Truck

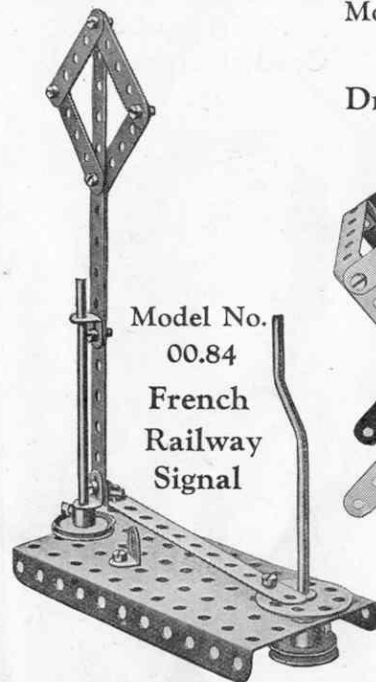


Model No. 00.82

**Clothes
Drying Frame**

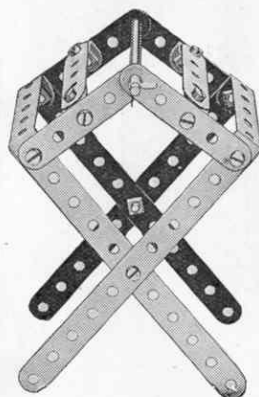
Model No.
00.83

**Pulley
Shafting**



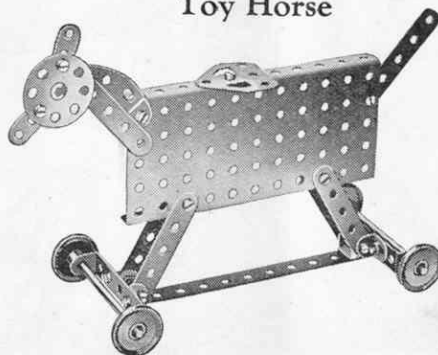
Model No.
00.84

**French
Railway
Signal**



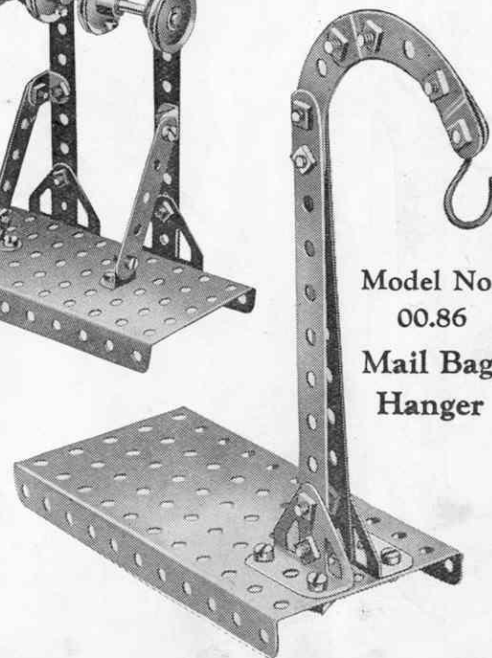
Model No. 00.85

Toy Horse

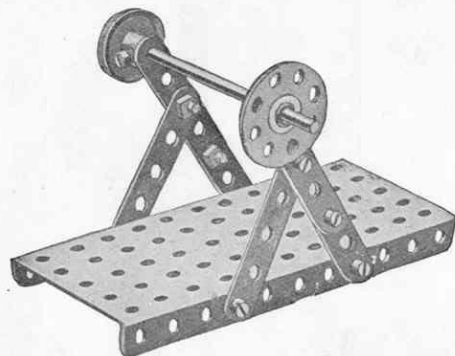
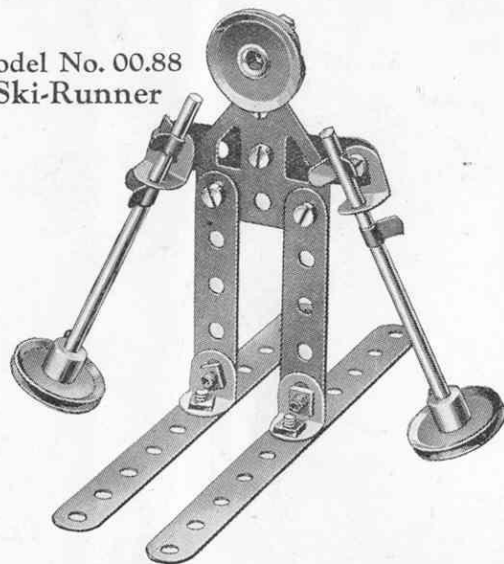


Model No.
00.86

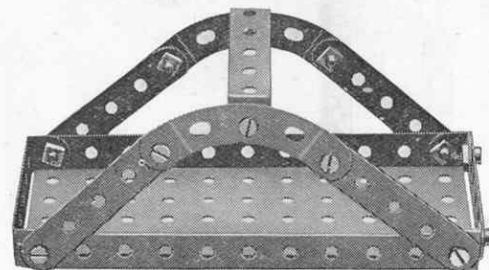
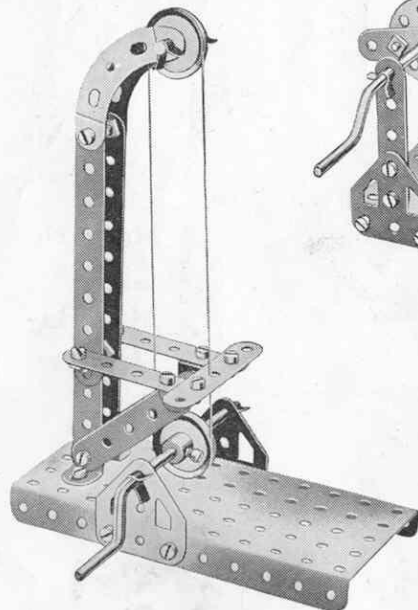
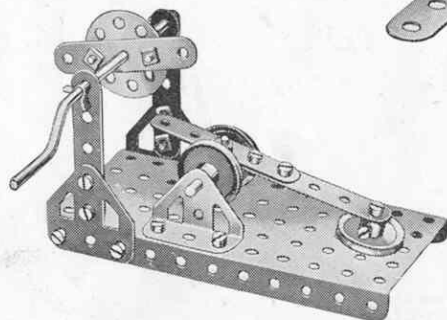
**Mail Bag
Hanger**



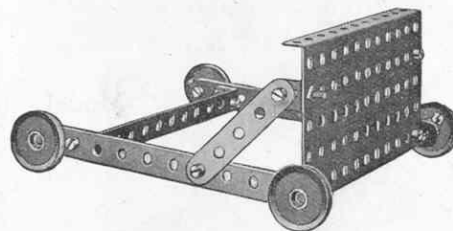
Model No. 00.87 Buffing Spindle

Model No. 00.88
Ski-Runner

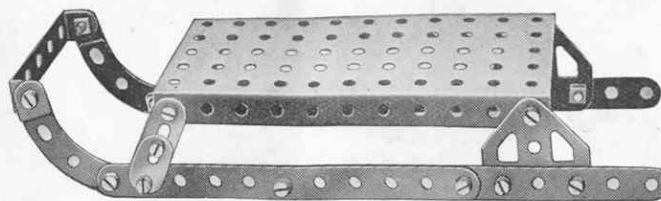
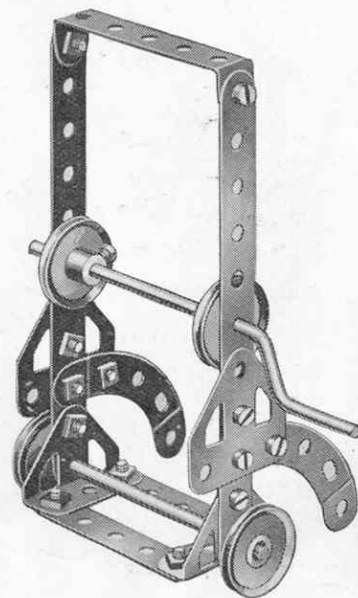
Model No. 00.89 Cutlery Basket

Model No. 00.92
Band SawModel No. 00.90
Trip Hammer

Model No. 00.91 Devil Wall

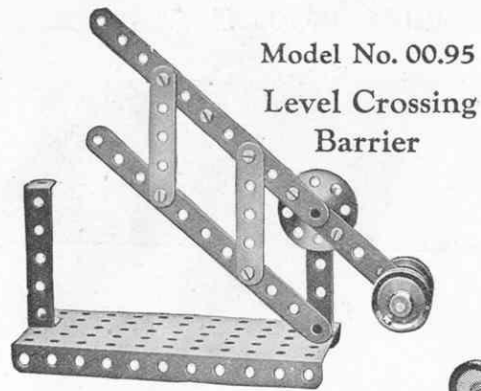


Model No. 00.93 Sled

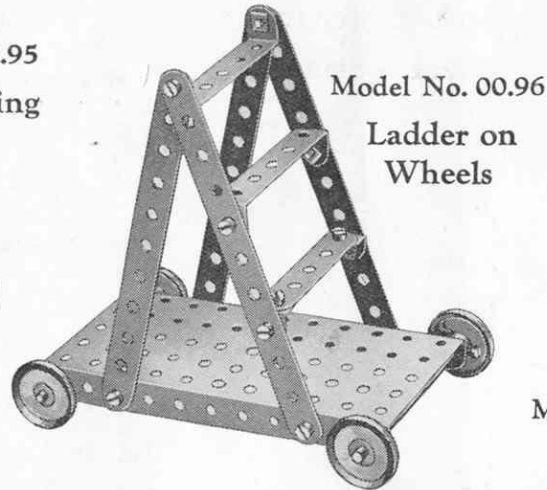
Model No. 00.94
Garden Hose Reel

These Models can be built with MECCANO Outfit No. 00

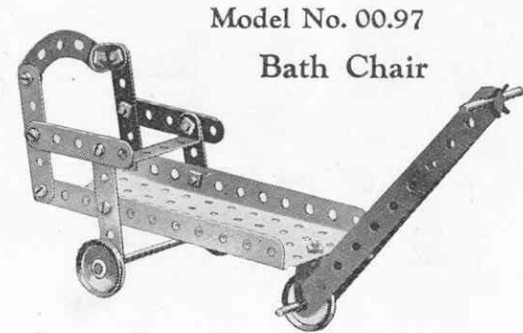
11



Model No. 00.95
Level Crossing
Barrier

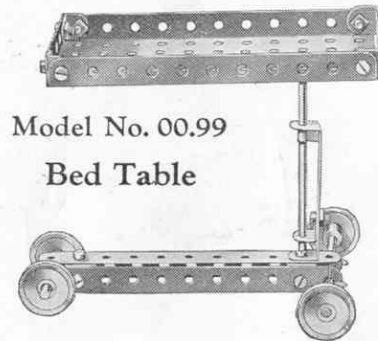
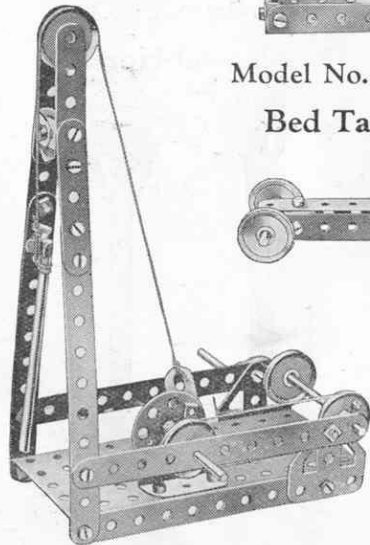


Model No. 00.96
Ladder on
Wheels



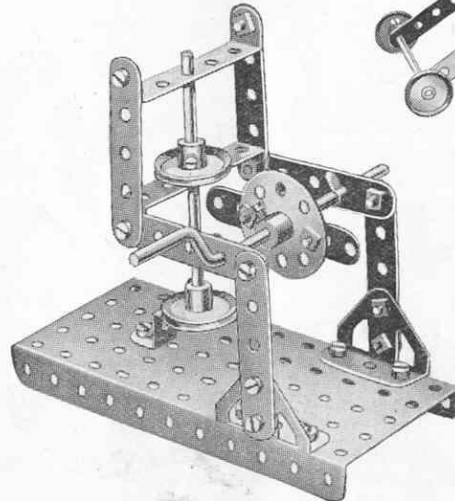
Model No. 00.97
Bath Chair

Model No. 00.98
Well Driller

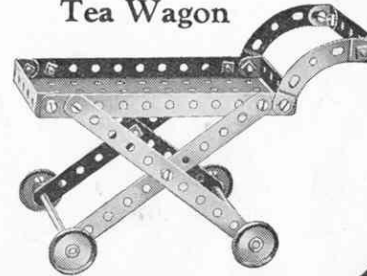


Model No. 00.99
Bed Table

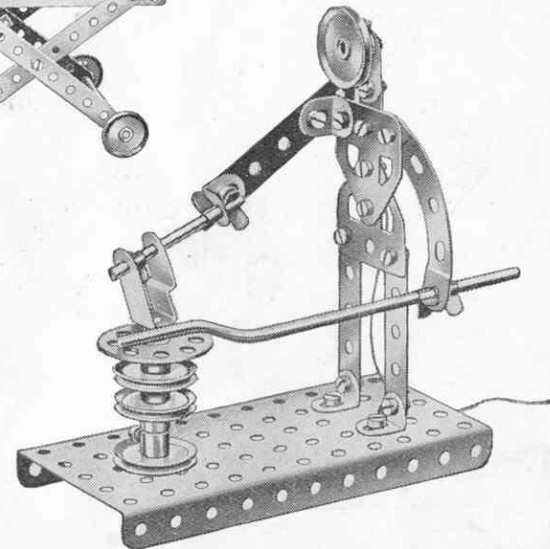
Model No. 00.100
Ore Crusher



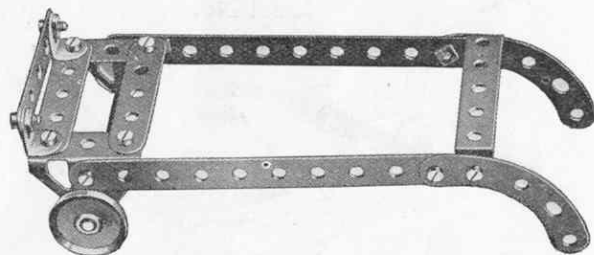
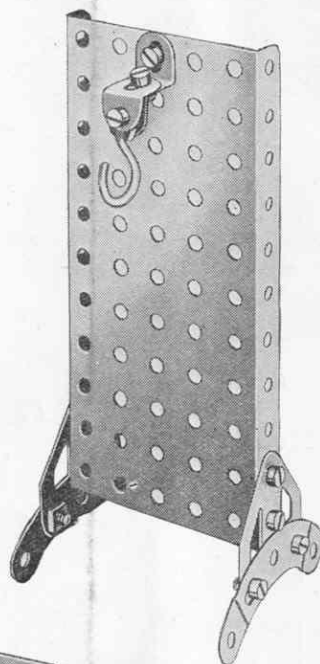
Model No. 00.101
Tea Wagon



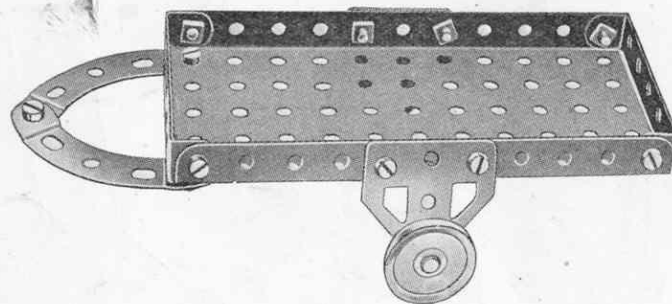
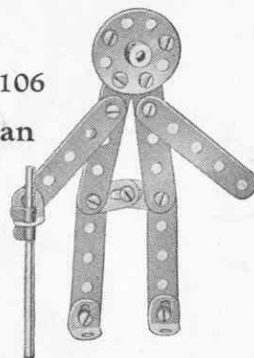
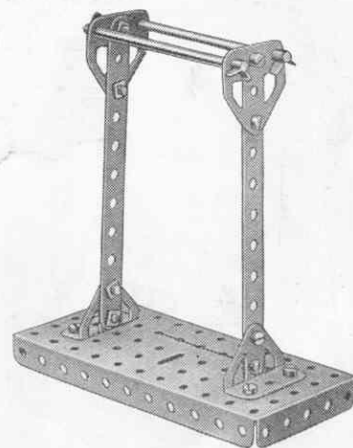
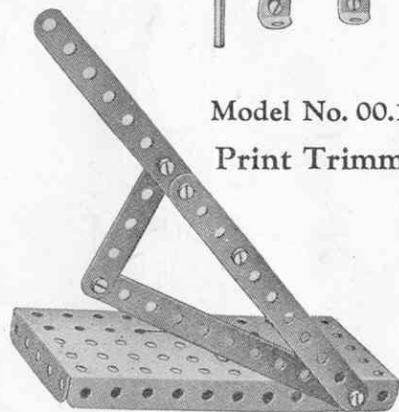
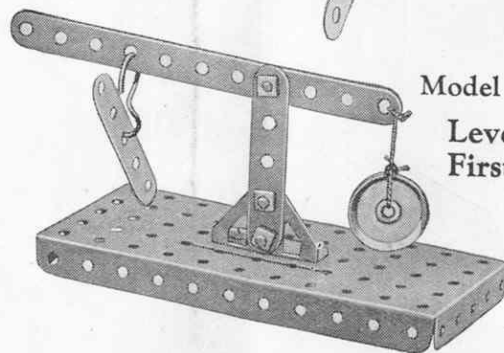
Model No. 00.102
Blacksmith



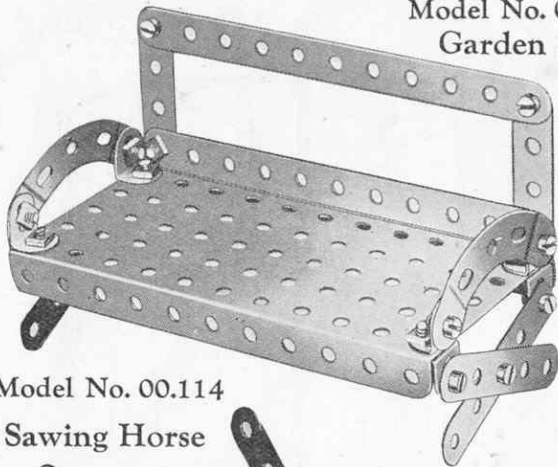
Model No. 00.103 Porter's Trolley

Model No. 00.104
Watch Stand

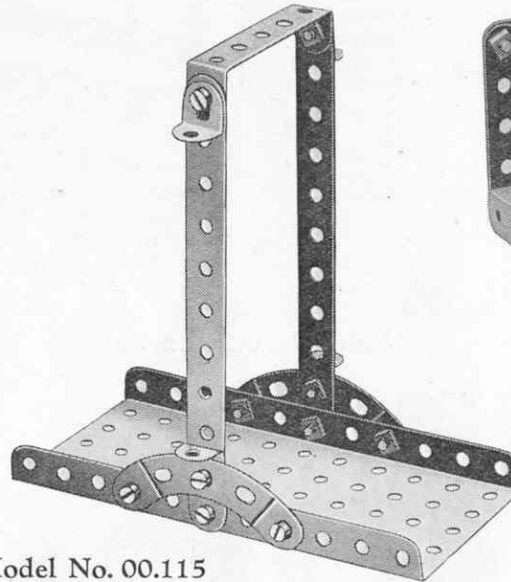
Model No. 00.105 Hand Truck

Model No. 00.106
Meccano ManModel No. 00.107
Battle AxeModel No. 00.110
Towel HorseModel No. 00.108
Print TrimmerModel No. 00.109
Lever of the
First Order

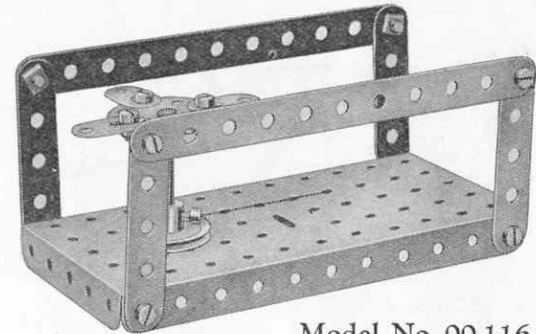
Model No. 00.111
Garden Seat



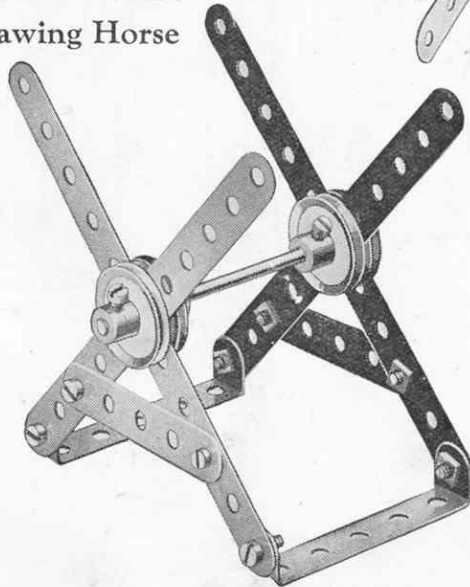
Model No. 00.112
Elevator Car



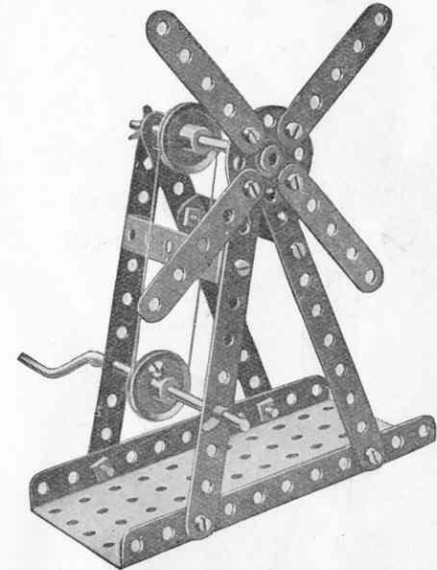
Model No. 00.113 Turnstile



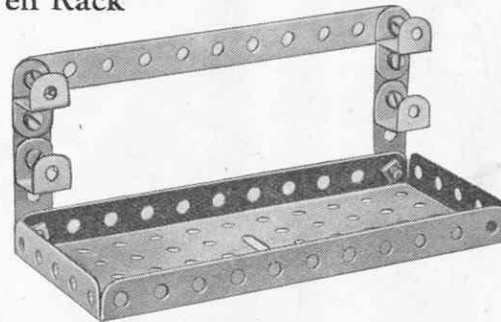
Model No. 00.114
Sawing Horse



Model No. 00.116
Windmill



Model No. 00.115
Pen Rack

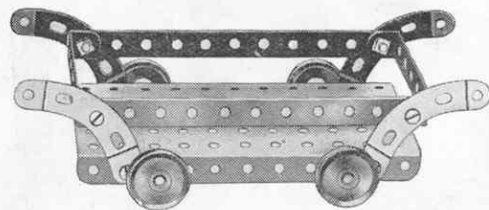


HOW TO CONTINUE

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. 0A 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)

Model No. 0.1 Trolley



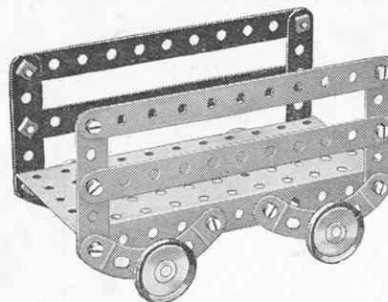
Parts required:

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

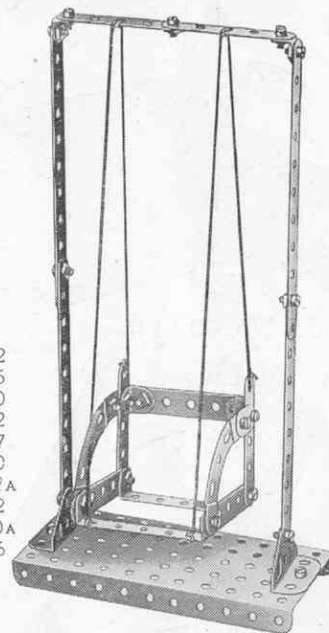
Model No. 0.2 Luggage Truck

Parts required:

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



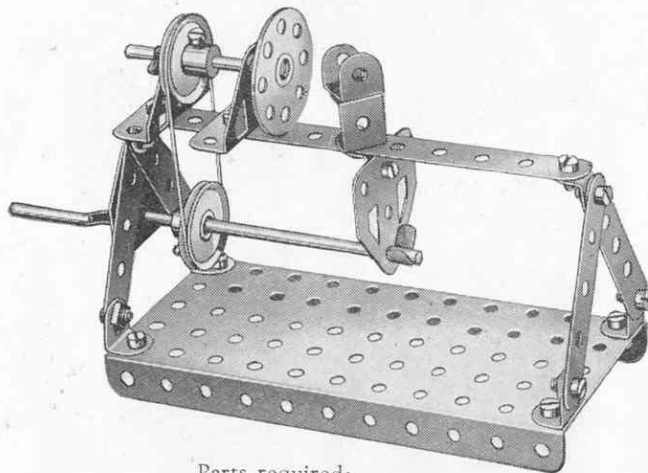
Model No. 0.3 Swing



Parts required:

4 of No. 2
7 " " 5
2 " " 10
4 " " 12
21 " " 37
1 " " 40
2 " " 48A
1 " " 52
2 " " 90A
2 " " 126

Model No. 0.5 Lathe



Parts required:

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

Model No. 0.4 Hat Rack



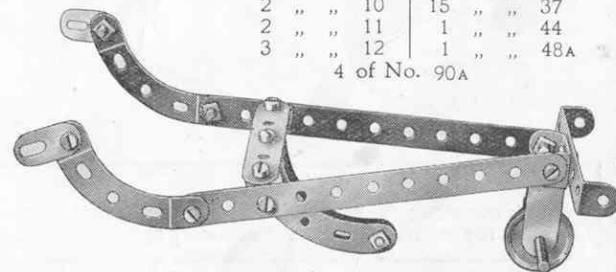
Parts required:

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

Model No. 0.6 Plough

Parts required:

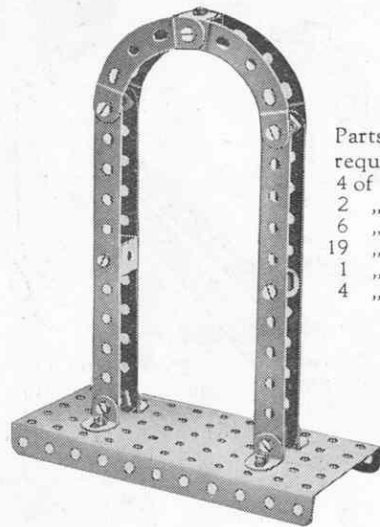
2 of No. 2	1 of No. 17
1 " " 5	1 " " 22
2 " " 10	15 " " 37
2 " " 11	1 " " 44
3 " " 12	1 " " 48A
4 of No. 90A	



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

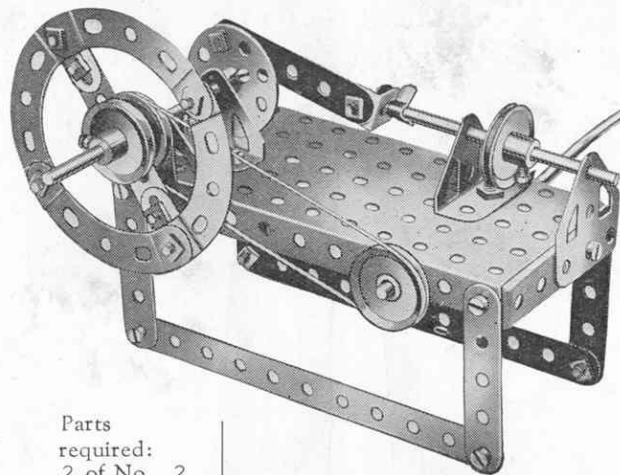
15

Model No. 0.7 Arch



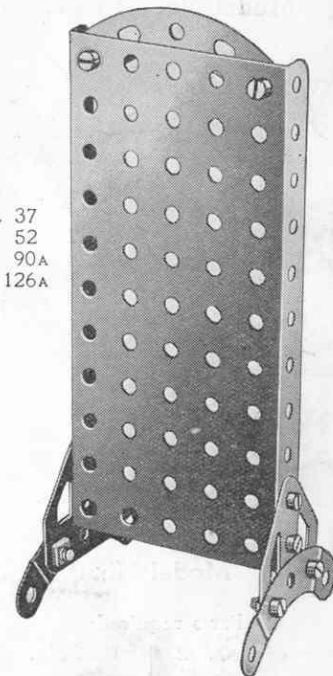
Parts
required:
4 of No. 2
2 " " 11
6 " " 12
19 " " 37
1 " " 52
4 " " 90A

Model No. 0.8 Horizontal Engine



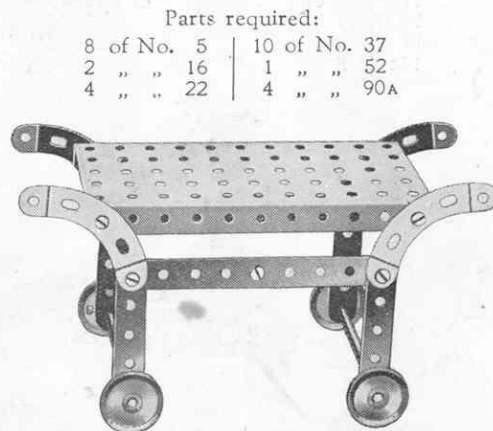
Parts required:		
2 of No. 2	4 of No. 22	1 of No. 52
6 " " 5	1 " " 24	4 " " 90A
2 " " 10	3 " " 35	2 " " 126
1 " " 12	21 " " 37	2 " " 126A
2 " " 16	1 " " 48A	
1 " " 19s		

Model No. 0.9 Notice Board



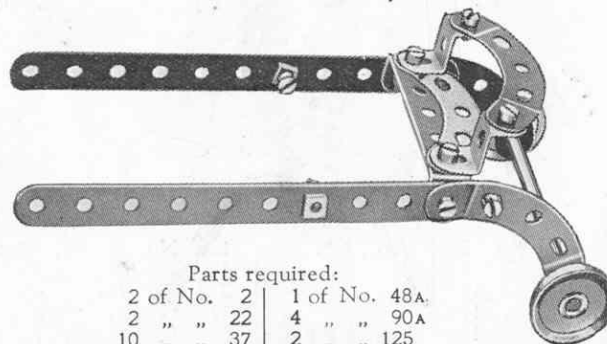
Parts
required:
10 of No. 37
1 " " 52
3 " " 90A
2 " " 126A

Model No. 0.10 Tea Wagon



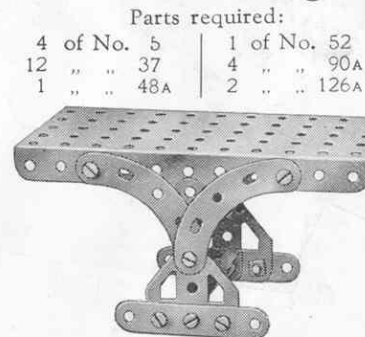
Parts required:
8 of No. 5 | 10 of No. 37
2 " " 16 | 1 " " 52
4 " " 22 | 4 " " 90A

Model No. 0.11 Sulkey



Parts required:
2 of No. 2 | 1 of No. 48A
2 " " 22 | 4 " " 90A
10 " " 37 | 2 " " 125

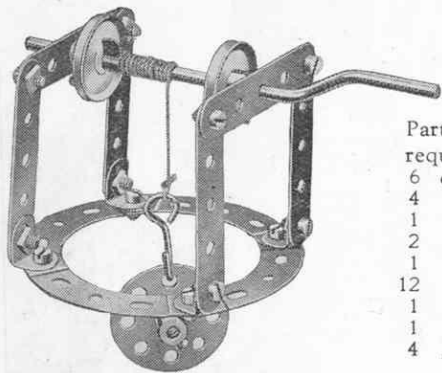
Model No. 0.12 Drafting Table



Parts required:
4 of No. 5 | 1 of No. 52
12 " " 37 | 4 " " 90A
1 " " 48A | 2 " " 126A

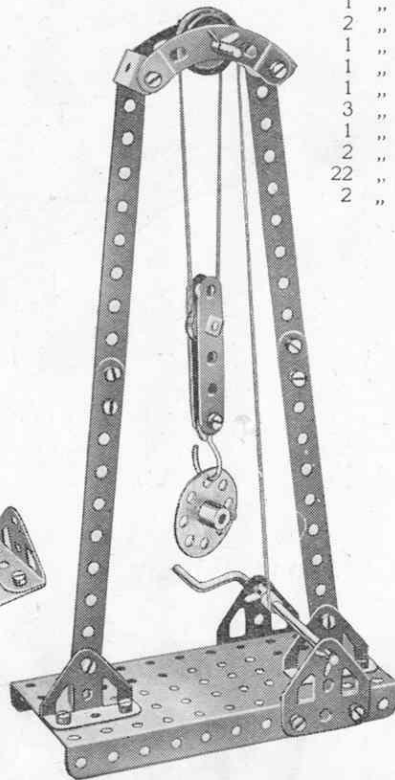
These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)

Model No. 0.13 Well Windlass



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

Model No. 0.14 Pulley Block



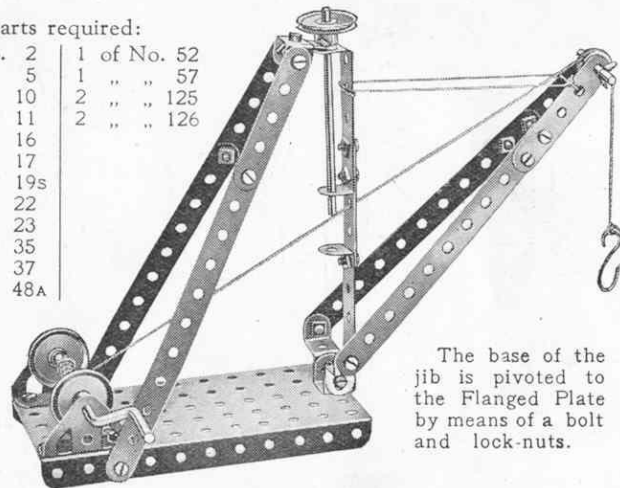
Parts required:

4 of No. 2	1 of No. 22	1 of No. 52
2 " " 5	1 " " 23	1 " " 57
2 " " 11	1 " " 24	2 " " 90A
1 " " 17	5 " " 35	2 " " 126
1 " " 19s	20 " " 37	2 " " 126A

Model No. 0.15 Derricking Crane

Parts required:

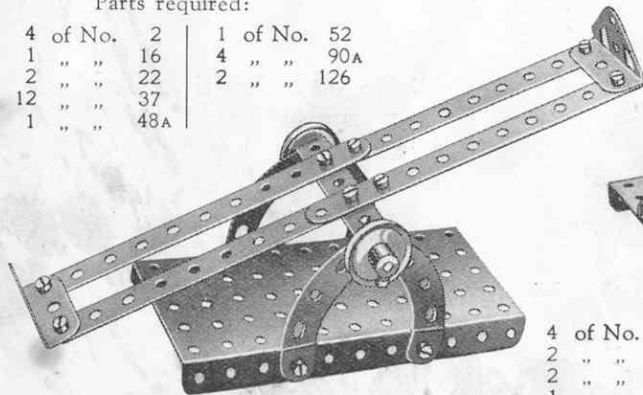
4 of No. 2	1 of No. 52
5 " " 5	1 " " 57
1 " " 10	2 " " 125
2 " " 11	2 " " 126
1 " " 16	
1 " " 17	
1 " " 19s	
3 " " 22	
1 " " 23	
2 " " 35	
22 " " 37	
2 " " 48A	



Model No. 0.16 See-Saw

Parts required:

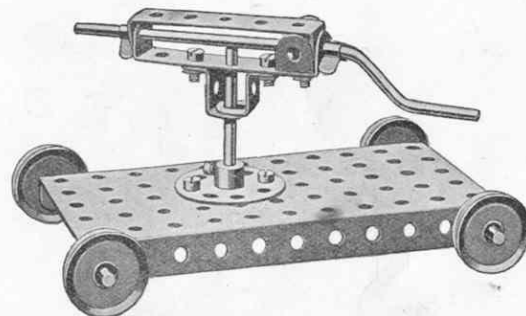
4 of No. 2	1 of No. 52
1 " " 16	4 " " 90A
2 " " 22	2 " " 126
12 " " 37	
1 " " 48A	

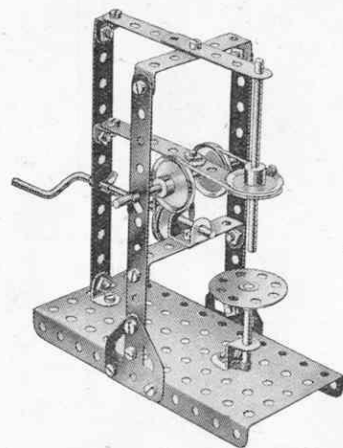


Model No. 0.17 Rock Drill

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. 0.18 Drilling Machine

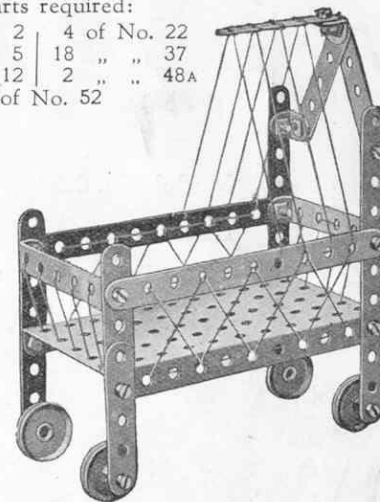
Parts required:

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

Model No. 0.19 Scales**Model No. 0.20 Cot**

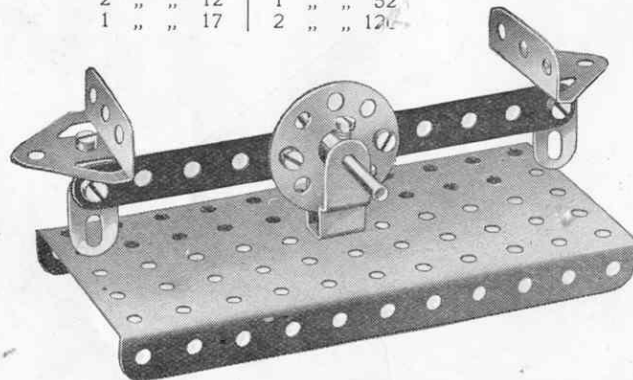
Parts required:

4	of No.	2	4	of No.	22
7	" "	5	18	" "	37
3	" "	12	2	" "	48A
			1	of No.	52

**Model No. 0.21 Counter Scales**

Parts required:

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



Parts required:

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

Model No. 0.22 Single Sheave Pulley Block

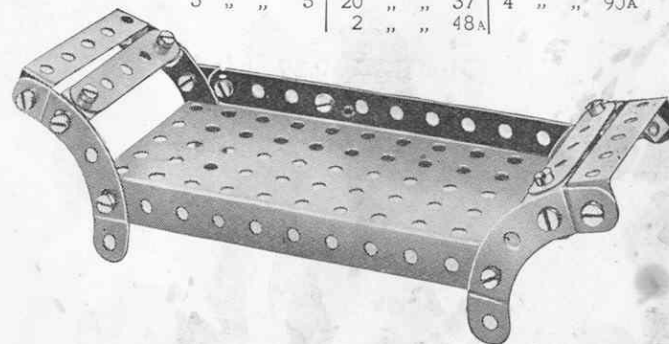
Parts required:

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

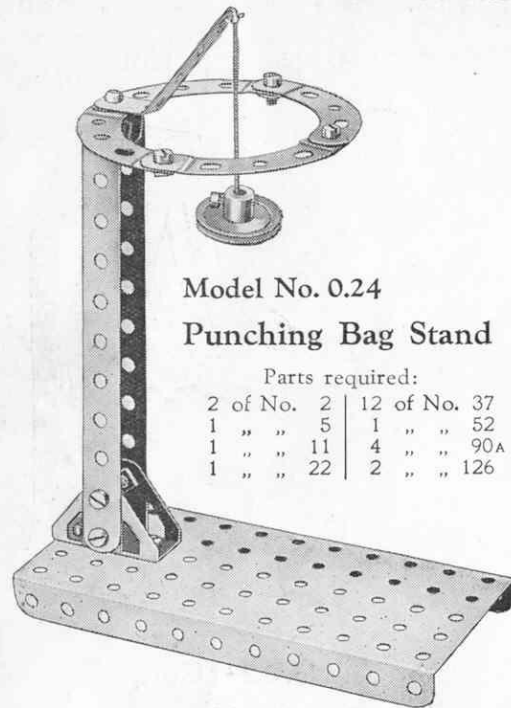
Model No. 0.23 Couch

Parts required:

1	of No.	2	4	of No.	12	1	of No.	52
3	" "	5	20	" "	37	4	" "	90A
			2	" "	48A			



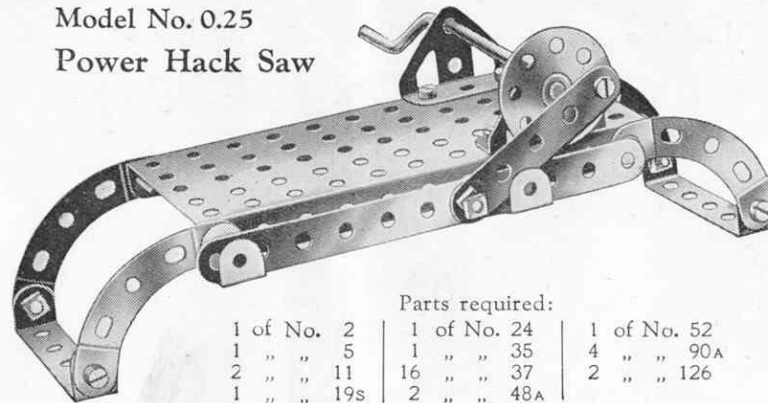
These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)



Model No. 0.24
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		

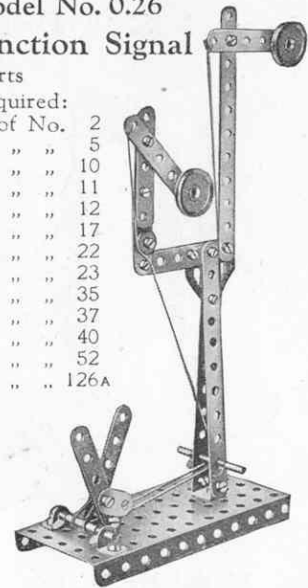
Model No. 0.25
Power Hack Saw



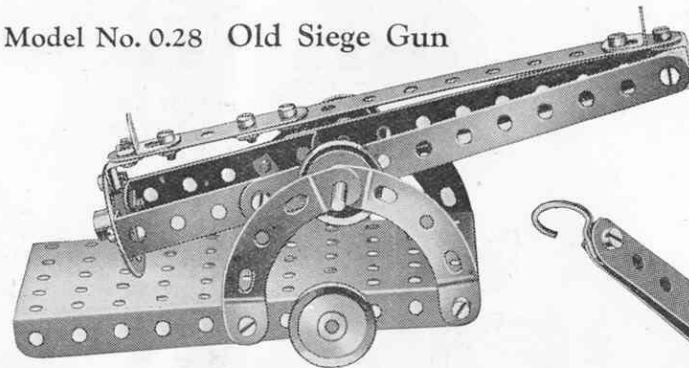
Parts required:		
1 of No. 2	1 of No. 24	1 of No. 52
1 " " 5	1 " " 35	4 " " 90A
2 " " 11	16 " " 37	2 " " 126
1 " " 19s	2 " " 48A	

Model No. 0.26
Junction Signal

Parts required:	
3 of No. 2	2
7 " " 5	5
2 " " 10	10
2 " " 11	11
2 " " 12	12
2 " " 17	17
2 " " 22	22
1 " " 23	23
4 " " 35	35
21 " " 37	37
1 " " 40	40
1 " " 52	52
1 " " 126A	126A



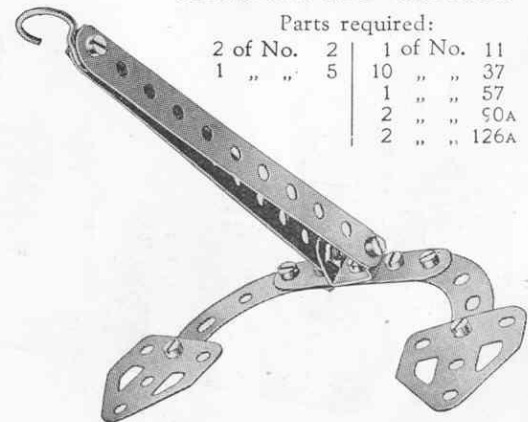
Model No. 0.28 Old Siege Gun



Parts required:		
3 of No. 2	1 of No. 24	
1 " " 5	18 " " 37	
2 " " 11	2 " " 48A	
4 " " 12	1 " " 52	
2 " " 16	4 " " 90A	
4 " " 22		

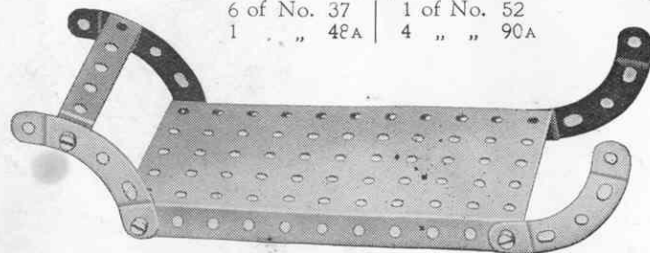
Model No. 0.29 Anchor

Parts required:		
2 of No. 2	1 of No. 11	
1 " " 5	10 " " 37	
	1 " " 57	
	2 " " 50A	
	2 " " 126A	

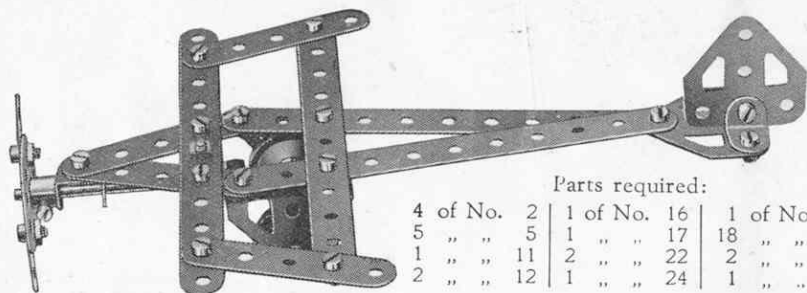


Model No. 0.27 Sled

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



Model No. 0.30 Aeroplane



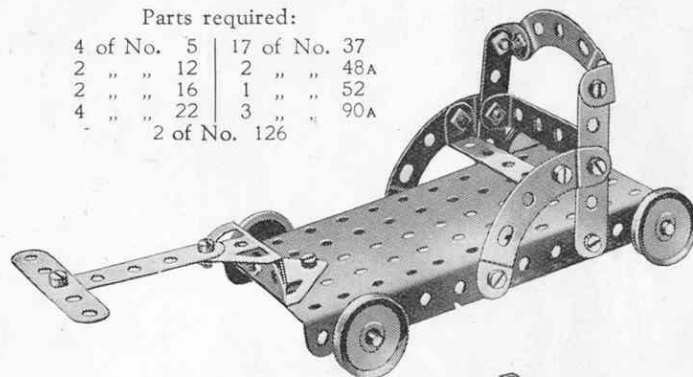
Parts required:

4 of No. 2	1 of No. 16	1 of No. 35
5 " " 5	1 " " 17	18 " " 37
1 " " 11	2 " " 22	2 " " 126
2 " " 12	1 " " 24	1 " " 126A

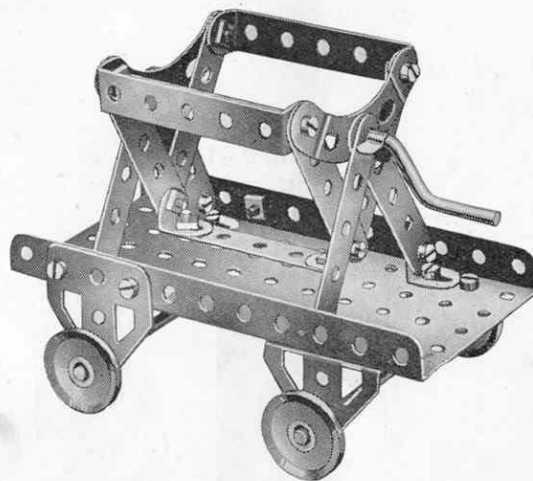
Model No. 0.31 Bath Chair

Parts required:

4 of No. 5	17 of No. 37
2 " " 12	2 " " 48A
2 " " 16	1 " " 52
4 " " 22	3 " " 90A
2 of No. 126	



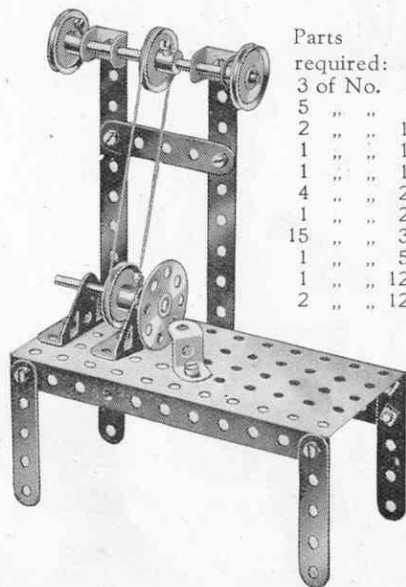
Model No. 0.33 Dump Car



Parts required:

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

Model No. 0.32 Bench Lathe



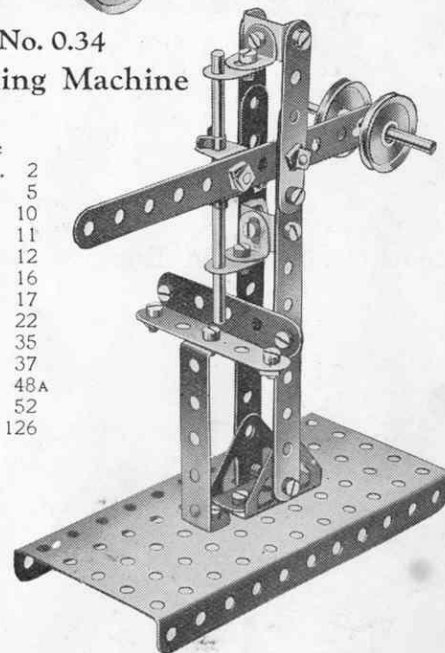
Parts
required:

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. 0.34
Punching Machine

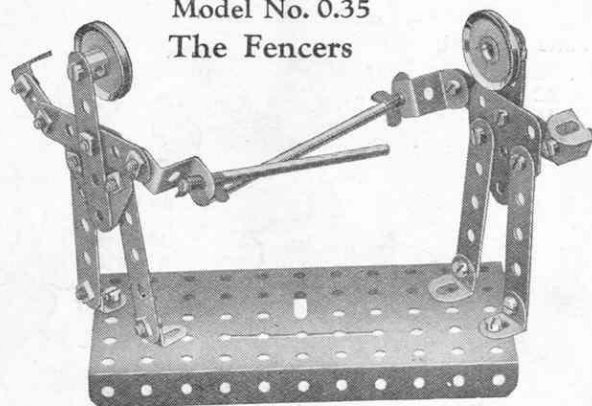
Parts
required:

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



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

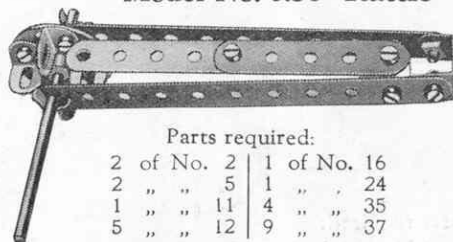
Model No. 0.35
The Fencers



Parts required:

8 of No. 5	4 of No. 35
2 " " 10	20 " " 37
6 " " 12	1 " " 52
2 " " 16	2 " " 125
2 " " 22	2 " " 126A

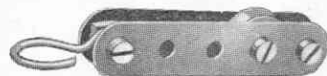
Model No. 0.36 Rattle



Parts required:

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

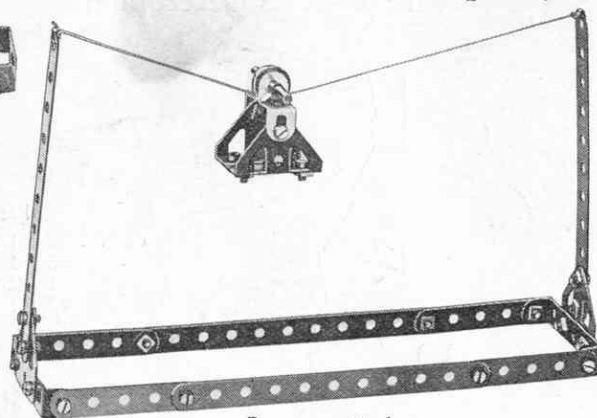
Model No. 0.37
Single Sheave Pulley Block



Parts required:

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

Model No. 0.38 Aerial Ropeway



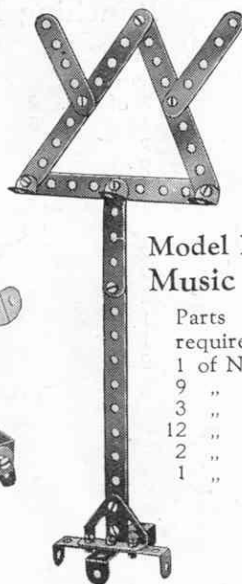
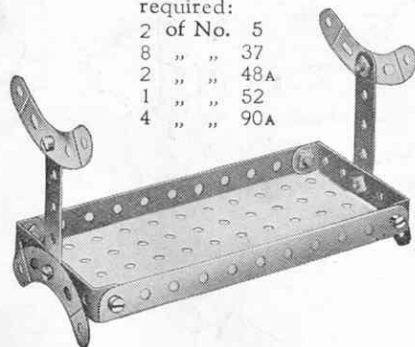
Parts required:

4 of No. 2	1 of No. 23	2 of No. 48A
4 " " 5	2 " " 35	2 " " 125
2 " " 10	22 " " 37	2 " " 126
1 " " 17	1 " " 40	2 " " 126A

Model No. 0.39 Pen Rack

Parts required:

2 of No. 5
8 " " 37
2 " " 48A
1 " " 52
4 " " 90A



Model No. 0.40
Music Stand

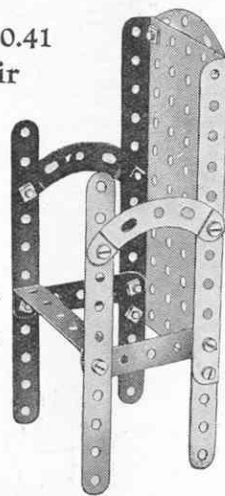
Parts required:

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

Model No. 0.41
Arm Chair

Parts required:

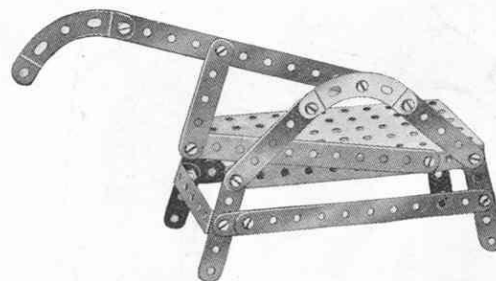
2 of No. 2
4 " " 5
12 " " 37
1 " " 48A
1 " " 52
3 " " 90A



Model No. 0.42 Shearing Machine

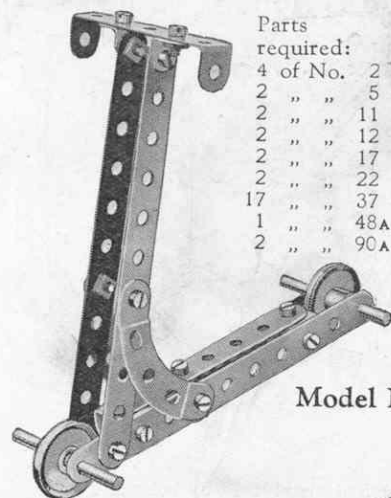
Parts required:

4 of No. 2	2 of No. 48A
7 " " 5	1 " " 52
17 " " 37	2 " " 90A



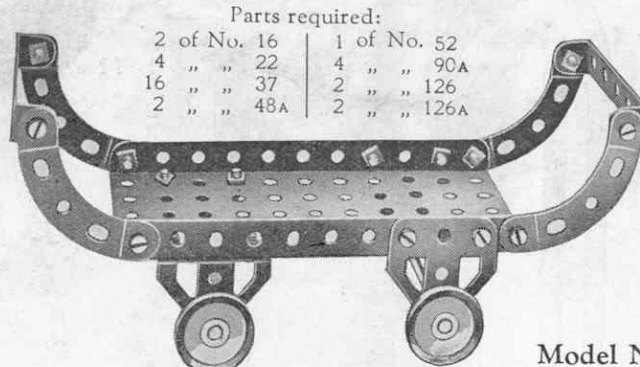
These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)

Model No. 0.43 Scooter



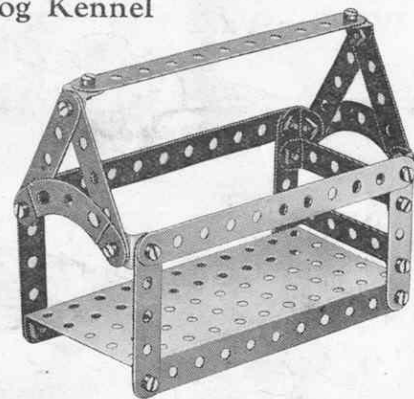
Parts
required:
4 of No. 2
2 " " 5
2 " " 11
2 " " 12
2 " " 17
2 " " 22
17 " " 37
1 " " 48A
2 " " 90A

Model No. 0.44 Push Cart



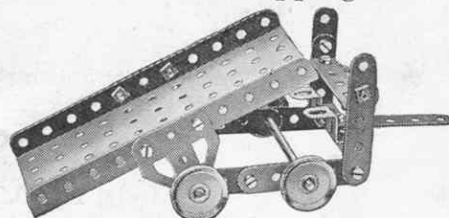
Parts required:
2 of No. 16 | 1 of No. 52
4 " " 22 | 4 " " 90A
16 " " 37 | 2 " " 126
2 " " 48A | 2 " " 126A

Model No. 0.45
Dog Kennel



Parts
required:
3 of No. 2
8 " " 5
6 " " 12
20 " " 37
2 " " 48A
1 " " 52
2 " " 90A

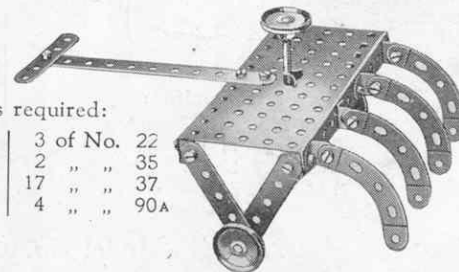
Model No. 0.46 Tipping Cart



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. 0.47
Horse Rake



Parts required:

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

Model No. 0.50
Chaff Cutter

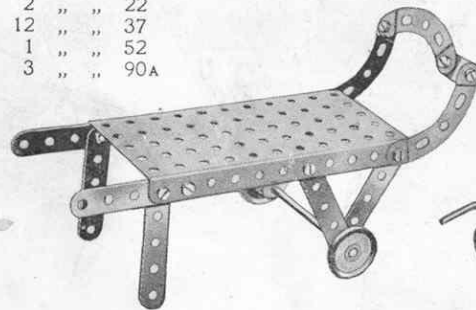
Parts required:

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

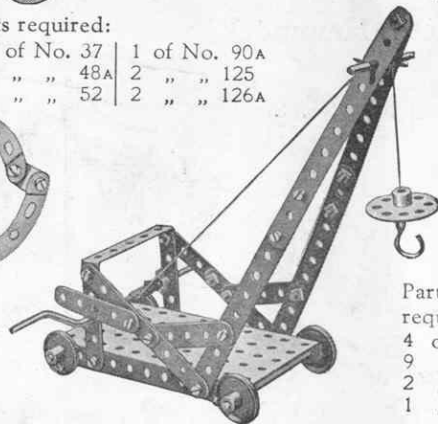
Model No. 0.48
Luggage Truck

Parts
required:

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

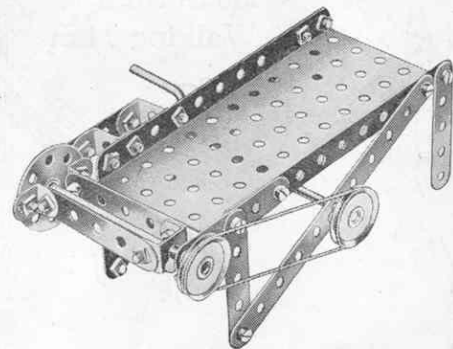


Model No. 0.49
Jib Crane



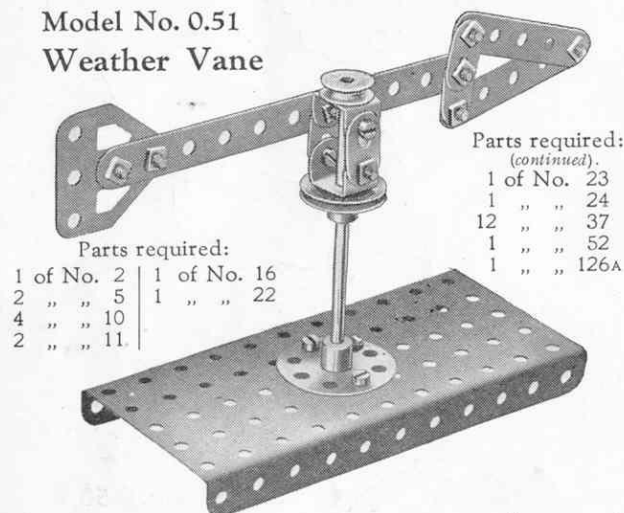
Parts
required:

4 of No. 2	1 of No. 19s
9 " " 5	4 " " 22
2 " " 16	1 " " 23
1 " " 17	1 " " 24
	4 " " 35
	17 " " 37
	1 " " 40
	1 " " 48A
	1 " " 52
	1 " " 57



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

**Model No. 0.51
Weather Vane**



Parts required:
(continued).

1 of No. 23
1 " " 24
12 " " 37
1 " " 52
1 " " 126A

**Model No. 0.52
Portal**



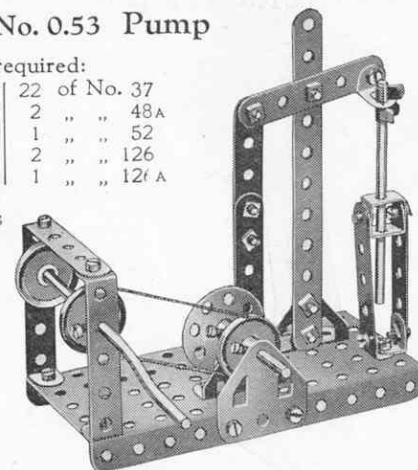
Parts required:

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

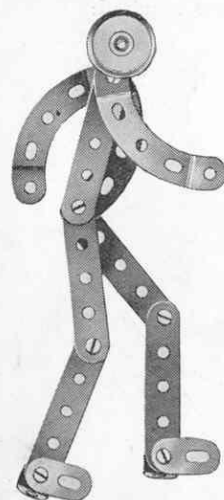
Model No. 0.53 Pump

Parts required:

1 of No. 2	22 of No. 37
6 " " 5	2 " " 48A
2 " " 11	1 " " 52
3 " " 12	2 " " 126
1 " " 16	1 " " 126A
1 " " 17	
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. 0.54
Walking Man**

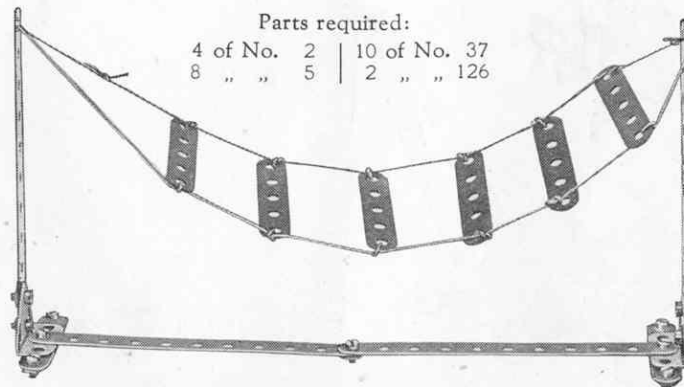
Parts required:

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

Model No. 0.55 Hammock

Parts required:

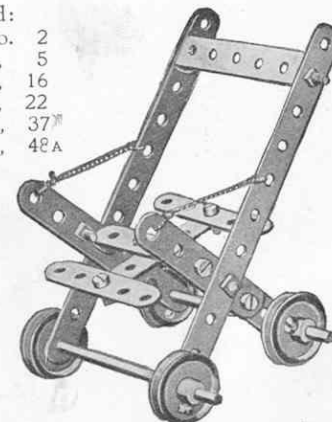
4 of No. 2	10 of No. 37
8 " " 5	2 " " 126



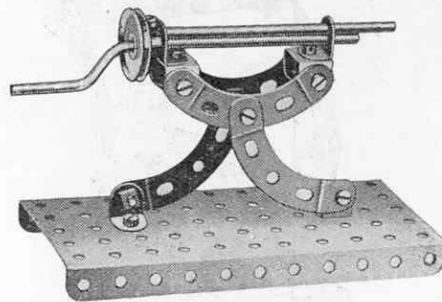
Model No. 0.56 Go Chair

Parts required:

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



Model No. 0.57 Machine Gun



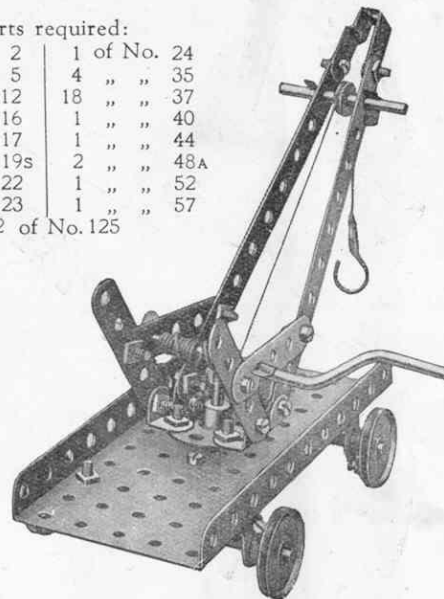
Parts required:

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

Model No. 0.58 Swivelling Crane

Parts required:

2 of No. 2	1 of No. 24
4 " " 5	4 " " 35
4 " " 12	18 " " 37
2 " " 16	1 " " 40
2 " " 17	1 " " 44
1 " " 19s	2 " " 48A
4 " " 22	1 " " 52
1 " " 23	1 " " 57
2 of No. 125	



Model No. 0.59 Prancing Horse

Parts required:

6 of No. 5	
4 " " 12	
1 " " 17	
1 " " 19s	
4 " " 22	
1 " " 24	
20 " " 37	
1 " " 44	
1 " " 52	
1 " " 90A	
2 " " 125	
1 " " 126	
1 " " 126A	

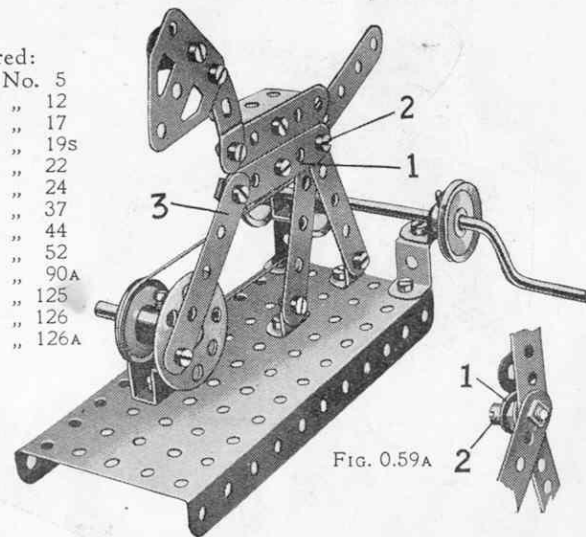
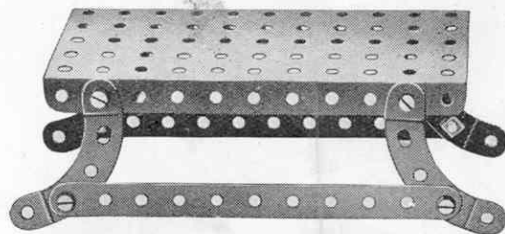


FIG. 0.59A

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. 0.59A. The strip 3 is free to move at each end about pivots formed from bolts and nuts.

Model No. 0.60 Bench



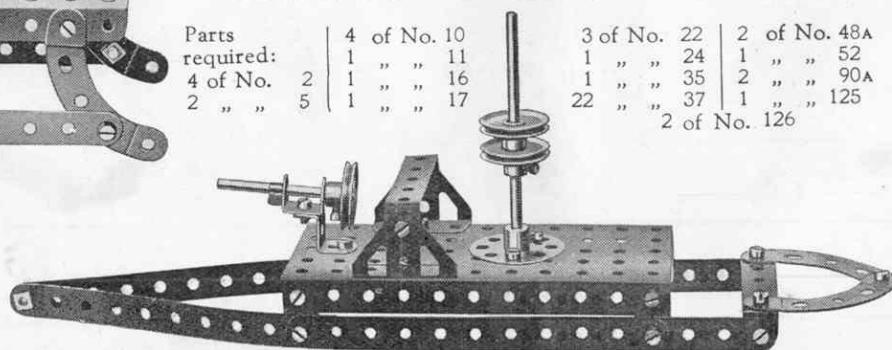
Parts required:
2 of No. 2
8 " " 37
1 " " 52
4 " " 90A

Model No. 0.61 Battleship

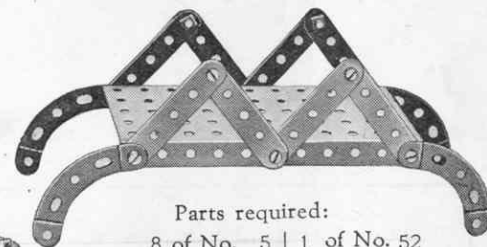
Parts required:

4 of No. 10	
1 " " 11	
4 of No. 2	1 " " 16
2 " " 5	1 " " 17

3 of No. 22	2 of No. 48A
1 " " 24	1 " " 52
1 " " 35	2 " " 90A
22 " " 37	1 " " 125
2 of No. 126	



Model No. 0.62 Viaduct

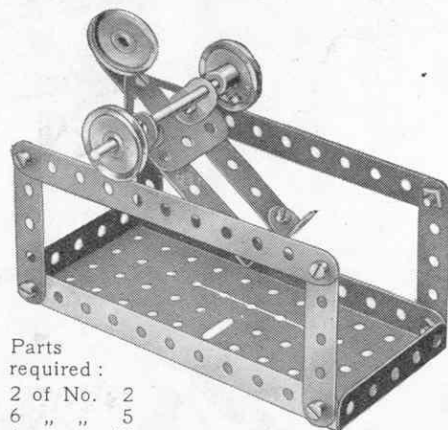


Parts required:

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

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

**Model No. 0.63
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. 0.64 Candle Shade

Parts
required :

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



**Model No. 0.66
Prehistoric Animal**



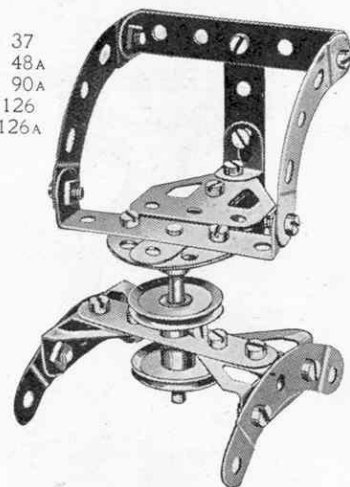
Parts
required :

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

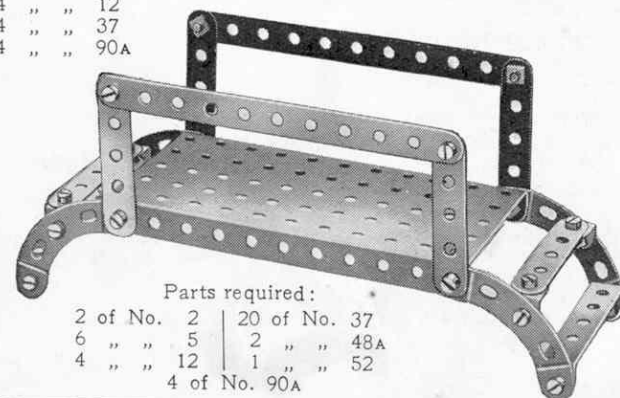
Model No. 0.65 Revolving Office Chair

Parts required :

3 of No.	5	18 of No.	37
1 " "	12	2 " "	48A
1 " "	17	4 " "	90A
2 " "	22	2 " "	126
1 " "	24	1 " "	126A



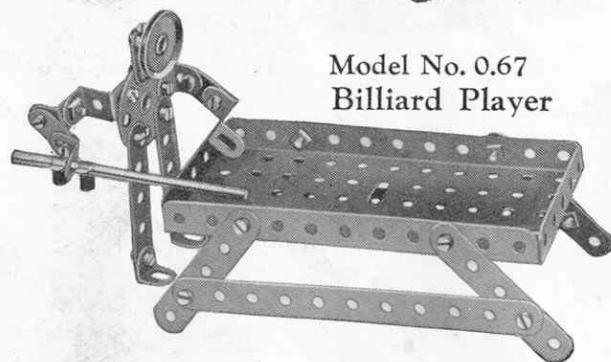
Model No. 0.68 Bridge



Parts required :

2 of No.	2	20 of No.	37
6 " "	5	2 " "	48A
4 " "	12	1 " "	52
		4 of No.	90A

**Model No. 0.67
Billiard Player**



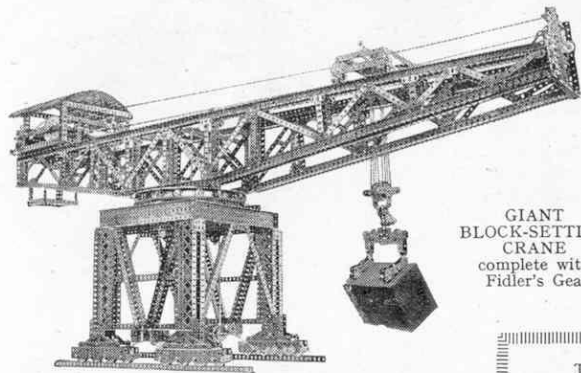
Parts
required :

2 of No.	2
6 " "	5
3 " "	10
5 " "	12
1 " "	16
1 " "	22
1 " "	24
2 " "	35
21 " "	37
2 " "	125

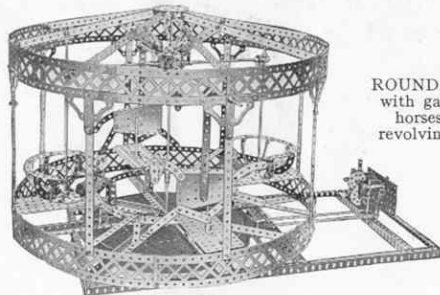
HOW TO CONTINUE

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

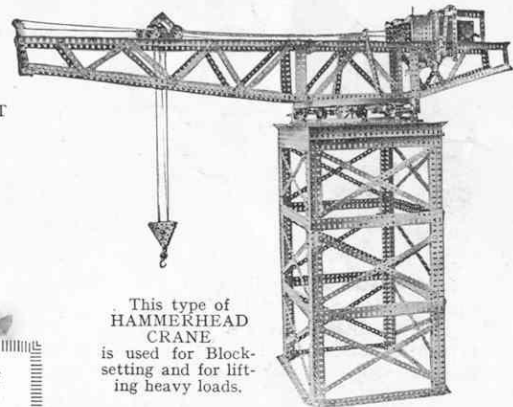
A Selection of Choice Meccano Models



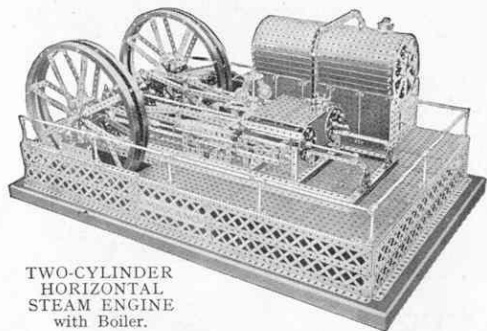
**GIANT
BLOCK-SETTING
CRANE**
complete with
Fidler's Gear.



ROUNABOUT
with galloping
horses and
revolving cars.



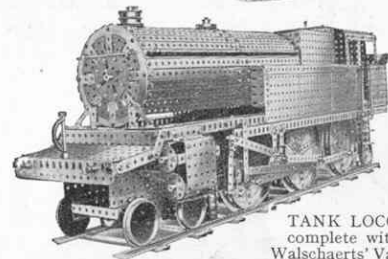
This type of
**HAMMERHEAD
CRANE**
is used for Block-
setting and for lift-
ing heavy loads.



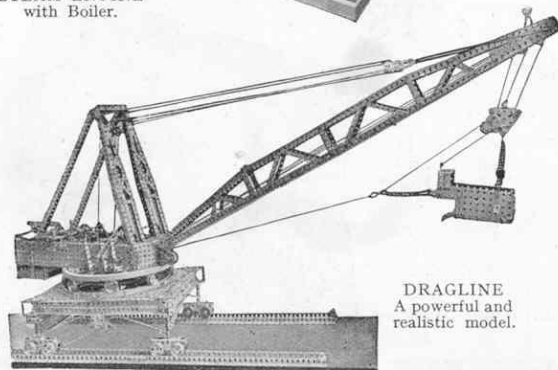
**TWO-CYLINDER
HORIZONTAL
STEAM ENGINE**
with Boiler.

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.

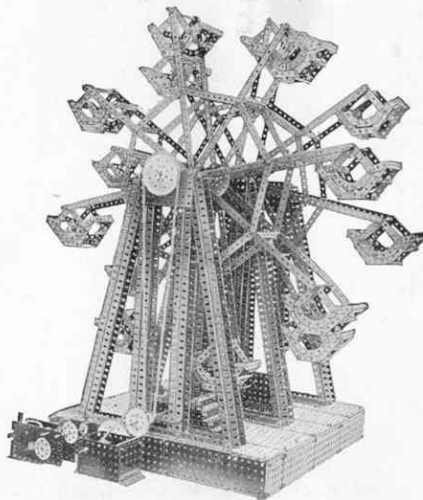
A descriptive leaflet giving full particulars of all the models in the series and the prices of the special Instruction Leaflets that are published in connection with them, may be obtained from your dealer or direct from Meccano Ltd., Binns Road, Liverpool.



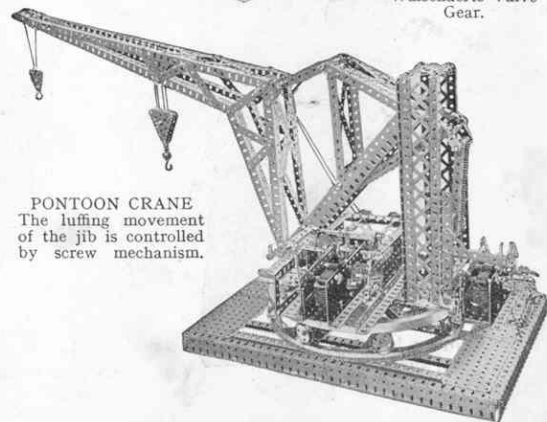
TANK LOCO
complete with
Walschaerts' Valve
Gear.



DRAGLINE
A powerful and
realistic model.



DOUBLE FLYBOATS. This is a
most impressive model when in motion.

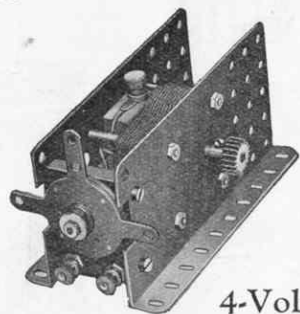


PONTOON CRANE
The luffing movement
of the jib is controlled
by screw mechanism.

MECCANO MOTORS

Electric Motor No. 1

(4 Volt)



The 4-volt Motor is specially designed to build into Meccano models. It may be run from a 4-volt Accumulator, or, by employing a suitable transformer, direct from the main. It is fitted with reversing motion, provided with stopping and starting controls, and the gearing is interchangeable.

4-Volt Accumulator

These new and excellent types of Accumulators have been adapted to drive the Electric Motor No. 1. They have been subjected to the severest tests and have proved themselves to be the most suitable accumulators for use with any type of electric motor. They are non-spillable, have remarkable recuperative powers, and will continue to supply current when nominally exhausted.

Transformer

By means of this transformer the Meccano Electric Motor No. 1 (4-volt) may be driven direct 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.

Resistance Controller

By employing this variable resistance the speed of the Meccano Electric Motor No. 1 (4 volt) 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.



MECCANO ACCESSORY OUTFITS

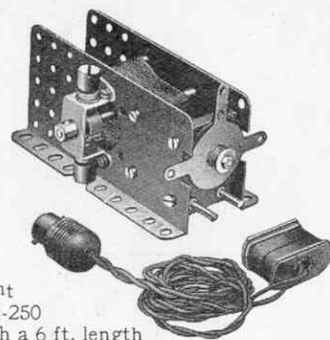
Meccano Accessory Outfits

Our illustration shows one of the Meccano Accessory Outfits. As has already been explained, these Outfits connect the main Outfits from No. 00 to No. 7, making it possible for a boy who commences with one of the earlier Outfits to build up his equipment by easy stages, until he is the possessor of parts that cover the entire system.

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

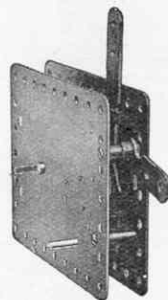
Electric Motor No. 2

(100-250 Volt AC or DC)



This reversible Electric Motor may be employed for any purpose for which a small motor is suitable, but it is specially adapted for driving Meccano models. The side plates are perforated with standard equidistant holes, thus allowing the motor to be built into any Meccano model. The motor is specially designed for connection with the electric-light main. It is suitable for 100-120 volts or 200-250 volts (alternating or direct), and is supplied with a 6 ft. length of flex, an insulated plug for connection with the motor terminals, and an adapter for connection with an ordinary lamp socket.

A suitable resistance is required when the motor is run with a 200-250-volt current, and this is supplied by connecting a 60-watt lamp in series with the motor. A board on which are mounted a suitable lamp-holder (lamp not included) and a switch is provided separately.



Clockwork Motor

The Meccano Clockwork Motor is specially made for the purpose of driving Meccano models. It is a fine piece of mechanism—simple, powerful, and reliable. The starting, stopping and reversing levers enable the operator to control the various movements of a model in exactly the same manner as an engineer does in actual practice.

Special Inventor's Outfit

This Outfit is intended for boys who already have Meccano, and who wish to satisfy their inventive inclinations by building models from their own designs. The parts contained include four large Pulley Wheels with Dunlop Tyres, Ball Race, Ship's Funnel, Pulley Blocks, Channel Bearing, Crane Grab and many others.



HORNBY TRAINS

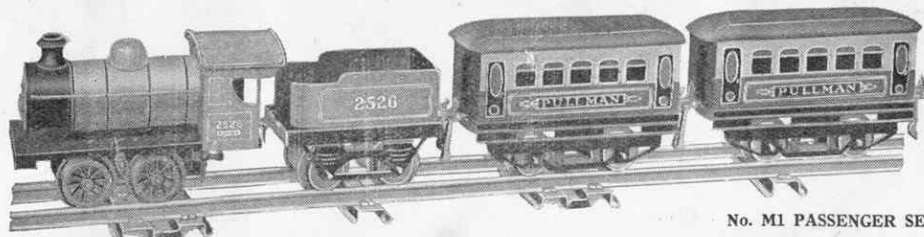
Hornby Trains are manufactured by Meccano Limited and they are made from the finest materials obtainable. Each train is a beautiful piece of workmanship with perfect mechanism. All Hornby Locos are carefully tested before leaving the factory and their efficiency is guaranteed.

No. M 1 Passenger Set

This set contains Loco, Tender, two Pullman Coaches and set of Rails. One of the latter is a brake rail by means of which the train may be braked from the track. Richly coloured and well finished; fitted with brake mechanism; non-reversing. Gauge 0.

No. M 2 Passenger Set

Similar in every way to the above excepting that it has three Pullman Coaches instead of two, and additional rails.

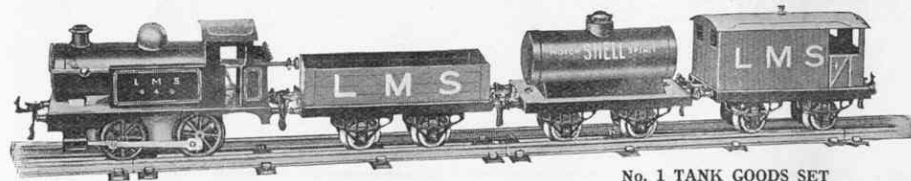


No. M1 PASSENGER SET

No. 1 Tank Goods Set

This set contains a No. 1 Hornby Tank Loco, Hornby Wagon, Petrol Tank Wagon, Brake Van and set of Rails to form either a circle 2 ft. in diameter or an oval 2 ft. in width by 2 ft. 10 in. in length. One of the rails is a brake rail by means of which the train may be braked from the track.

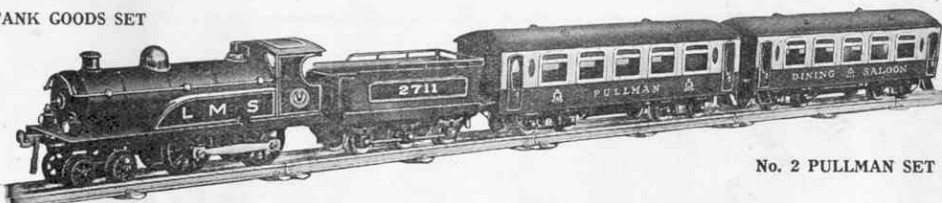
Gauge 0, in colours to represent the L.M.S.R., L.N.E.R., G.W.R. or S.R. Companies' rolling stock. The Loco is fitted with reversing gear and brake mechanism.



No. 1 TANK GOODS SET

No. 2 Pullman Set

This set includes Loco and Tender of a larger type, measuring 17 in. in length. The Coaches are beautiful both in colour and finish. Each set includes Loco, Tender, and two Pullman Coaches, with set of Rails making a 4 ft. diameter circle. The rails include one brake rail by means of which the train may be both braked and reversed from the track. In colours to represent the L.M.S.R., L.N.E.R., G.W.R. or S.R. Companies' rolling stock. The Loco is fitted with reversing gear and brake mechanism. Gauge 0.



No. 2 PULLMAN SET

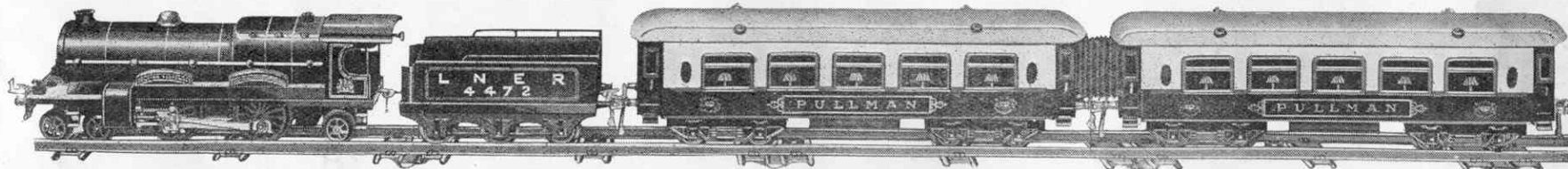
No. 3 Train Sets

These Train Sets are the latest additions to the range of Hornby Trains. They are distinctive in design, beautifully enamelled in correct colours and are guaranteed to give the utmost satisfaction.

Each locomotive carries the name of a famous British locomotive on the front wheel guard at each side. A special feature of the Pullman Coaches is the corridor connection, which gives the

Train a most realistic appearance. All the doors of the coaches open.

The Trains in this series are "Cornish Riviera" (G.W.R.), "Flying Scotsman" (L.N.E.R.), "Royal Scot" (L.M.S.R.), and "Dover Pullman" (S.R.). In each case the Train Set is available with either Clockwork or 4-Volt Electric Motor. Gauge 0.



No. 3C L.N.E.R. "FLYING SCOTSMAN"

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

MECCANO PRICE LIST

MECCANO OUTFITS

No. 00	Meccano Outfit	..	..	..	..	..	3/6
" 0	"	"	"	"	"	"	5/-
" 1	"	"	"	"	"	"	10/-
" 2	"	"	"	"	"	"	16/-
" 3	"	"	"	"	"	"	27/6
" 4	"	"	"	"	"	"	50/-
" 5*	"	"	(Carton)	"	"	"	65/-
" 5*	"	"	Presentation Outfit	"	"	"	95/-
" 6*	"	"	Outfit (Carton)	"	"	"	115/-
" 6*	"	"	Presentation Outfit	"	"	"	150/-
" 7	"	"	"	"	"	"	380/-

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

ACCESSORY OUTFITS

No. 00A	Meccano Accessory Outfit	..	..	..	..	1/6
" 0A	"	"	"	"	"	5/6
" 1A	"	"	"	"	"	7/-
" 2A	"	"	"	"	"	12/6
" 3A	"	"	"	"	"	23/6
" 4A	"	"	"	"	"	15/-
" 5A*	"	"	(Carton)	"	"	50/-
" 5A*	"	"	(Wood)	"	"	80/-
" 6A	"	"	"	"	"	215/-
Special Inventor's Outfit	"	"	"	"	"	17/6

ACCESSORY MOTORS, Etc.

Meccano	Clockwork Motor	..	..	..	..	7/6
"	Electric Motor No. 1 (4 Volt)	..	..	..	..	15/6
"	"	"	"	2 (100-120 or 200-250 Volt)	..	32/6
Transformer	..	..	..	..	..	30/-

Meccano	Accumulator (4 Volt, 8 Amps.)	..	..	..	..	17/6
"	"	"	"	20	"	25/-
"	Lamp Board (with lamp holder and switch)	..	..	..	..	4/6
"	Resistance Controller (for low voltage motors)	..	..	..	..	3/6
"	Rheostat (for high voltage motors)	..	..	..	..	18/6

Hornby Train Price List

No. M1	Passenger Set	..	..	..	..	7/6
" M2	Passenger Set	..	..	..	..	9/-
" M3	Goods Set	..	..	..	..	15/-
Hornby No. 0	Goods Set	..	..	..	..	17/6
"	"	"	"	0 Passenger Set	..	20/-
"	"	"	"	1 Goods Set	..	20/-
"	"	"	"	1 " fitted for Hornby Control	..	23/6
"	"	"	"	1 Passenger Set	..	25/-
"	"	"	"	1 " fitted for Hornby Control	..	28/6
"	"	"	"	2 Goods Set	..	32/6
"	"	"	"	2 " fitted for Hornby Control	..	37/6
"	"	"	"	2 Pullman Set	..	50/-
"	"	"	"	1 " fitted for Hornby Control	..	55/-
"	"	"	"	1 Tank Goods Set	..	22/6
"	"	"	"	1 " fitted for Hornby Control	..	26/-
"	"	"	"	2 " " " " " " " " " " " "	..	37/6

*Hornby No.	2	Tank Goods Set fitted for Hornby Control	..	42/6
"	"	2 Tank Passenger Set	..	40/-
*	"	2 " fitted for Hornby Control	..	45/-
Metropolitan Train Set,	H.V. (100-250 Volt, A. or D.C.)	..	110/-	
"	"	L.V. (4-Volt Electric)	..	95/-
*	"	C (Clockwork)	..	55/-
Riviera " Blue Train "	Set No. 3E (4-Volt Electric)	..	77/6	
*	"	3C (Clockwork)	..	62/6
*Hornby No.	3C	" Cornish Riviera " (Clockwork)	..	60/-
"	"	3E " " " (Electric)	..	75/-
"	"	3C " Flying Scotsman " (Clockwork)	..	60/-
"	"	3E " " " (Electric)	..	75/-
"	"	3C " Royal Scot " (Clockwork)	..	60/-
"	"	3E " " " (Electric)	..	75/-
*	"	3C " Dover Pullman " (Clockwork)	..	60/-
"	"	3E " " " (Electric)	..	75/-

*The Hornby Control System enables you to manipulate the Signals and Points, and to control the Trains entirely from the Signal Cabin. A folder is available entitled "The Hornby Control System" which gives full details. Ask your dealer for a copy.

MECCANO

Hornby's Original System, First Patented 1901

PATENTS AND DESIGNS

GREAT BRITAIN:

3,869/14	139,125	671,484	682,208	698,054
4,183/14	177,430	671,485	682,209	718,731
4,564/15	250,378	671,534	682,934	718,404
20,535/13	253,236	671,790	683,011	
22,962/13	648,958	680,416	686,112	

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.	2½" " " 2	37A.	Nuts 6	125.	½" Reversed Angle Brackets .. 2
19s.	Crank Handle, Small 1	40.	Hank of Cord 1	126.	Trunnions 2
22.	1" Pulley Wheels (with Set-screw) 4	44.	Cranked Bent Strip 1	126A.	Flat Trunnions 2

MECCANO

THE TOY THAT MADE ENGINEERING FAMOUS

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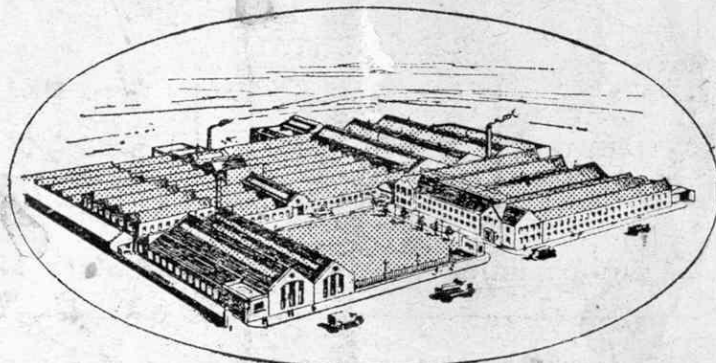
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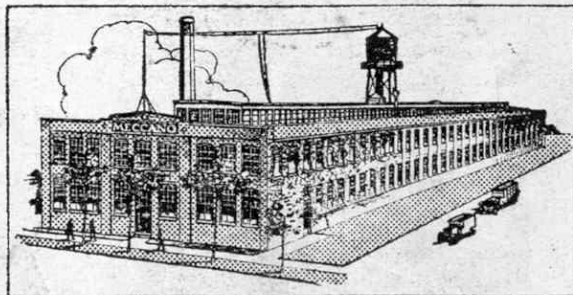
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