

MECCANO

(TRADE MARKS 296321, 12633, 10274, 13476, 83171, 157149, 884/25)

INSTRUCTIONS

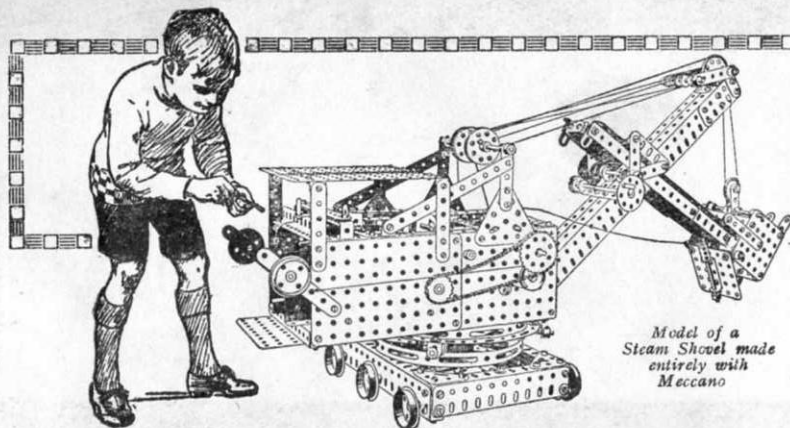
FOR OUTFIT No. 0

Price 10 cents

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No. 28.0

CANADIAN 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, 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, 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

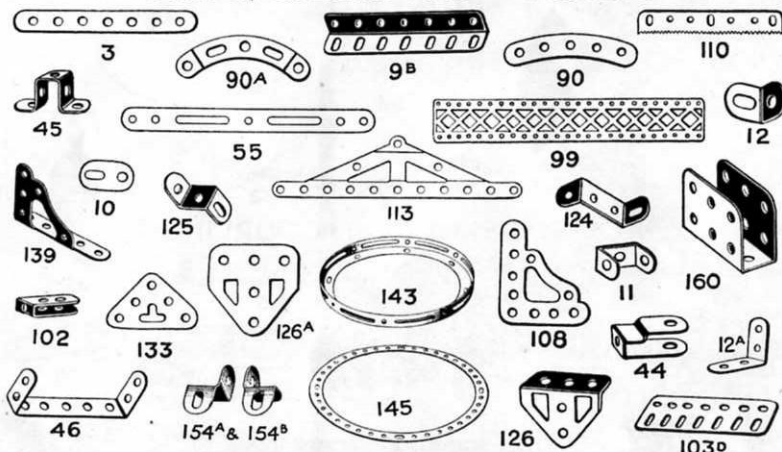
A Meccano boy is the happiest boy in the world. He builds models from the Meccano Instruction books ; invents new models ; enters the Competitions which are always being held in connection with the hobby ; joins the Meccano Guild and a Meccano Club and by wearing the Guild badge proclaims himself to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

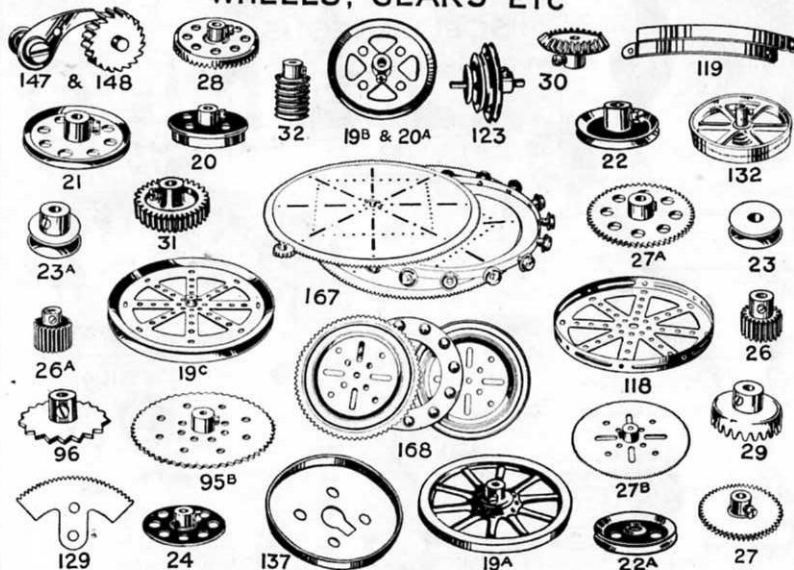
Write to the Editor, " Meccano Magazine," Binns Road, Liverpool, enclosing 15 cents in stamps. He will then forward a specimen copy of the " M.M." post free. If you wish to become a regular subscriber the rates are 75 cents for six issues or \$1.50 for twelve issues, post free.

If you prefer to do so, you may order the Magazine from your Meccano dealer or from any newsagent or bookstall, price 15 cents.

STRIPS, GIRDERS AND BRACKETS



WHEELS, GEARS ETC



Particulars and Prices of Meccano Parts

No.			No.		
1.	12 1/2"	1 doz. .35	3.	3 1/2"	1 doz. .15
1a.	9 1/2"	" .35	4.	3"	" .15
1b.	7 1/2"	" .25	5.	2 1/2"	" .10
2.	5 1/2"	" .20	6.	2"	" .10
2a.	4 1/2"	" .15	6a.	1 1/2"	" .10
Angle Girders					
7.	24 1/2"	each .20	9a.	4 1/2"	1 doz. .25
7a.	18 1/2"	" .15	9b.	3 1/2"	" .25
8.	12 1/2"	1 doz. .60	9c.	3"	" .20
8a.	9 1/2"	" .45	9d.	2 1/2"	" .20
8b.	7 1/2"	" .40	9e.	2"	" .15
9.	5 1/2"	" .30	9f.	1 1/2"	" .15
*10.	Flat Brackets	"	"	"	" .05
*11.	Double Brackets	"	"	2 for	.03
*12.	Angle Brackets, 1 1/2" x 1"	"	"	doz.	.10
*12a.	"	"	"	1 doz.	.15
*12b.	"	"	"	1 doz.	.10
Axle Rods					
13.	11 1/2"	each .06	16a.	2 1/2"	each .02
13a.	8 1/2"	" .05	16b.	2"	" .02
14.	6 1/2"	" .04	17.	2"	" .02
15.	5"	" .03	18a.	1 1/2"	" .01
15a.	4 1/2"	" .03	18b.	1"	" .01
16.	3 1/2"	" .03	"	"	"
19.	Crank Handles, Large	"	"	"	"
19a.	Small	"	"	"	"
19b.	Wheels, 3" diam., with set screws	"	"	"	"
20.	Flanged Wheels, 1 1/2" diam.	"	"	"	"
20b.	"	"	"	"	"
Pulley Wheels					
19b.	3" dia. with centre boss and set screw	"	"	"	"
19c.	6"	"	"	"	"
20a.	2"	"	"	"	"
21.	1 1/2"	"	"	"	"
22.	1"	"	"	"	"
22a.	1"	"	"	"	"
23a.	1"	"	"	"	"
23.	1"	"	"	"	"
24.	Bush Wheels	"	"	"	"
25.	Pinion Wheels, 1/2" diam.	"	"	"	"
25a.	"	"	"	"	"
26.	"	"	"	"	"
26a.	"	"	"	"	"
Gear Wheels					
27.	50 teeth to gear with 1/2" pinion	"	"	"	"
27a.	57	"	"	"	"
27b.	133	"	"	"	"
28.	Contrate Wheels, 1 1/2" diam.	"	"	"	"
29.	"	"	"	"	"
30.	Bevel Gears, 1 1/2" 26 teeth	"	"	"	"
30a.	"	"	"	"	"
30c.	"	"	"	"	"
31.	Gear Wheels, 1", 38 teeth	"	"	"	"
32.	Worm Wheels	"	"	"	"
34.	Spanners	"	"	"	"
34b.	Box Spanners	"	"	"	"
35.	Spring Clips	"	"	"	"
36.	Screw Drivers	"	"	"	"
Screwdrivers, Extra Long					
36a.	Screwdriver, special	"	"	"	"
37.	Nuts and Bolts, 7/32"	"	"	"	"
37a.	Nuts	"	"	"	"
37b.	Bolts, 7/32"	"	"	"	"
*38.	Washers	"	"	"	"
40.	Hanks of Cord	"	"	"	"
41.	Propeller Blades	"	"	"	"
43.	Springs	"	"	"	"
*44.	Cranked Bent Strips	"	"	"	"
45.	Double	"	"	"	"
46.	Double Angle Strips, 2 1/2" x 1"	"	"	"	"
47.	"	"	"	"	"
47a.	"	"	"	"	"
48.	"	"	"	"	"
48a.	"	"	"	"	"
48b.	"	"	"	"	"
48c.	"	"	"	"	"
48d.	"	"	"	"	"
50a.	Eye Pieces, with boss	"	"	"	"
52.	Perforated Flanged Plates, 5 1/2" x 2 1/2"	"	"	"	"
52a.	Flat Plates, 5 1/2" x 3 1/2"	"	"	"	"
53.	Perforated Flanged Plates, 3 1/2" x 2 1/2"	"	"	"	"
53a.	Flat Plates, 4 1/2" x 2 1/2"	"	"	"	"
54.	Perforated Flanged Sector Plates	"	"	"	"
55.	Perforated Strips, slotted, 5 1/2" long	"	"	"	"
55a.	"	"	"	"	"
56.	Instruction Manuals, No. 4-7	"	"	"	"
56a.	"	"	"	"	"
56b.	"	"	"	"	"
56c.	Meccano Standard Mechanisms Manual	"	"	"	"
57.	Hooks	"	"	"	"
57a.	" Scientific	"	"	"	"
57b.	" Loaded	"	"	"	"
58.	Spring Cord	"	"	"	"
59.	Collars with Set Screws	"	"	"	"
61.	Windmill Sails	"	"	"	"
62.	Cranks	"	"	"	"
62a.	Threaded Cranks	"	"	"	"
62b.	Double Arm Cranks	"	"	"	"
63.	Couplings	"	"	"	"
63a.	Octagonal Couplings	"	"	"	"
63b.	Strip Couplings	"	"	"	"
63c.	Threaded Couplings	"	"	"	"
64.	Threaded Bosses	"	"	"	"
65.	Centre Forks	"	"	"	"
66.	Weights, 50 grammes	"	"	"	"
67.	" 25	"	"	"	"
68.	Wood screws, 1/2"	"	"	"	"
69.	Set Screws	"	"	"	"
69a.	Grab Screws, 5/32"	"	"	"	"
69b.	" 7/32"	"	"	"	"
70.	Flat Plates, 5 1/2" x 2 1/2"	"	"	"	"
72.	" 2 1/2" x 2 1/2"	"	"	"	"
76.	Triangular Plates, 2 1/2"	"	"	"	"
77.	" 1"	"	"	"	"
Screw Drivers					
78.	11 1/2"	each .15	80a.	3 1/2"	each .06
79.	8"	" .12	80b.	4 1/2"	" .07
79a.	6"	" .10	81.	2"	" .04
80.	5"	" .08	82.	1"	" .03

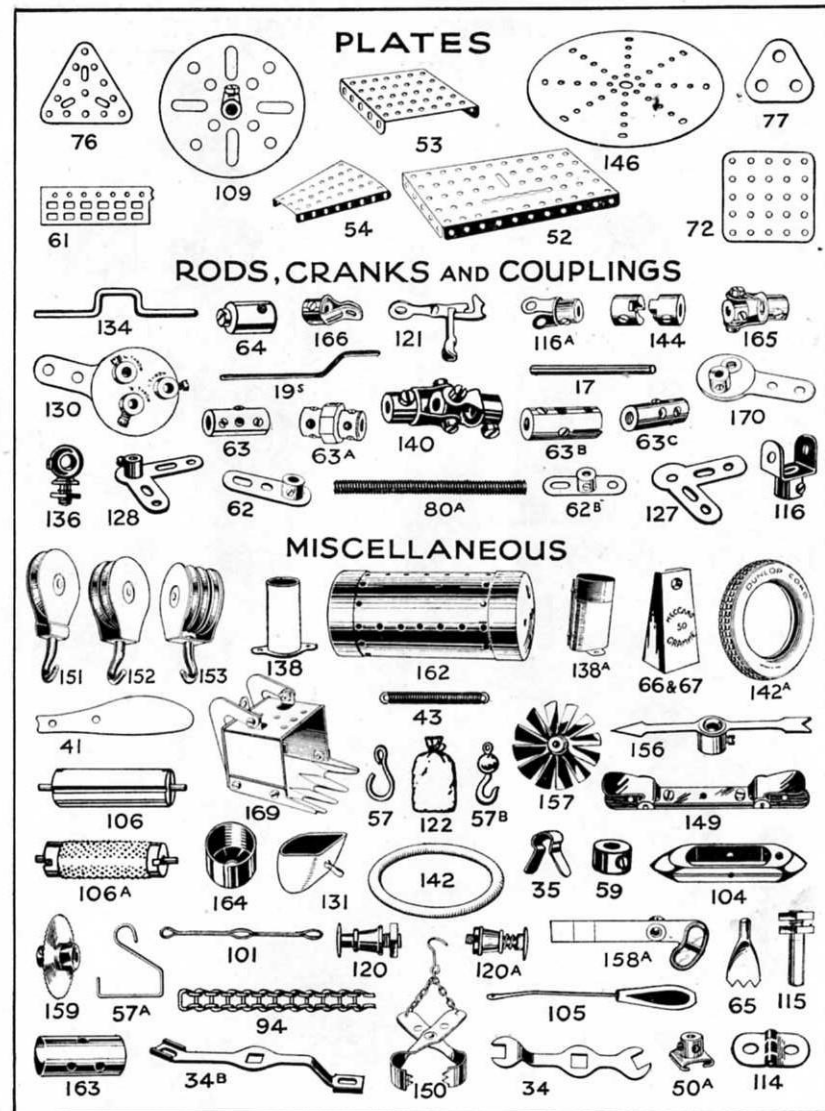
Meccano Accessory Parts will be supplied in colours unless nickelled parts are specially ordered.

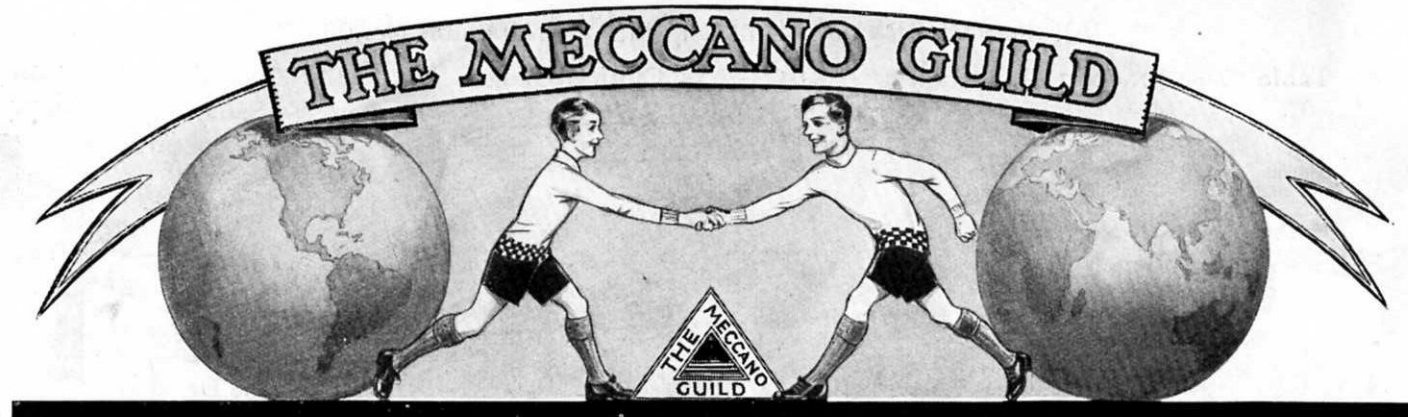
*IMPORTANT—These parts are available with nickel finish only.

No.				\$
89.	5½" Curved Strips,	10" radius	... each	05
89a.	3" Curved Strips,	cranked, 1½"	...	-05
90.	2½"	2½" radius	"	-03
90a.	2½"	cranked, 1½"	"	-03
94.	Sprocket Chain	... per 40"	length	-15
*95.	Sprocket Wheels,	2" diam.	... each	-15
*95a.	"	1½"	...	-15
*95b.	"	3"	...	-20
*96.	"	3"	...	-10
*96a.	"	3"	...	-10
97.	Braced Girders,	3" long	... ½ doz.	-30
97a.	"	3"	...	-25
98.	"	2½"	...	-20
99.	"	12½"	...	-75
99a.	"	9"	...	-60
99b.	"	7½"	...	-55
100.	"	5½"	...	-40
100a.	"	4½"	...	-35
101.	Heads, for looms	...	doz.	-25
102.	Single Bent Strips	...	each	-03
103.	Flat Girders,	5½" long	... ½ doz.	-25
103a.	"	9"	...	-30
103b.	"	12½"	...	-85
103c.	"	4½"	...	-20
103d.	"	3½"	...	-20
103e.	"	3"	...	-15
103f.	"	2½"	...	-15
103g.	"	2"	...	-10
103h.	"	1½"	...	-10
103k.	"	7½"	...	-30
*104.	Shuttles, for looms	...	each	2-00
105.	Reed Hooks, for looms	-10
106.	Wood Rollers	-45
106a.	Sand Rollers	-55
107.	Tables for Designing Machines	-45
108.	Architraves	-05
109.	Face Plates, 2½" diam.	-10
110.	Rack Strips, 3½"	-05
111.	Bolts, 2"	...	2 for	-03
111a.	"	...	each	-01
111c.	"	...	doz.	-10
112.	Girder Frames	...	each	-10
*114.	Hinges	...	per pair	-10
*115.	Threaded Pins	...	each	-05
*116.	Fork Pieces, Large	-10
116a.	" Small	-10
117.	Steel Balls, ¾" diam.	...	doz.	-15
118.	Hub Discs, 5½"	...	each	-40
119.	Channel Segments (8 to circle, 1½" diam.)	-10
120.	Buffers	-05
120a.	Spring Buffers	...	per pair	-20
120b.	Compression Springs	...	each	-03
121.	Train Couplings	-05
122.	Miniature Loaded Sacks	-05
*123.	Cone Pulleys	-15
*124.	Reversed Angle Brackets, 1"	...	½ doz.	-10
125.	"	1½"	...	-10
126.	Trunnions	...	each	-05

No.			\$
126a.	Flat Trunnions	each	03
127.	Simple Bell Cranks		05
	Boss Bell Cranks		10
*129.	Rack Segments, 3" diam.		15
*130.	Triple Throw Eccentrics		30
131.	Dredger Buckets	$\frac{1}{2}$ doz.	50
132.	Flywheels, 24" diam.	each	60
133.	Corner Brackets		05
*134.	Crank Shafts, 1" stroke		05
135.	Theodolite Protractors		05
136.	Handrail Supports		10
137.	Wheel Flanges		10
138.	Ship's Funnels		10
138a.	" " Cunard type		25
139.	Flanged Brackets (right)		05
139a.	" (left)		05
140.	Universal Couplings		25
141.	Wire Lines (for suspending clock weights)		25
142.	Rubber Rings, 3" rim		10
142a.	Dunlop Tyre to fit 2" diam. rim		10
142b.	" " 3"		20
143.	Circular Girders, 5 $\frac{1}{2}$ " diam.		30
144.	Dog Clutches		15
145.	Circular Straps, 7" diam. over all		25
146.	" " Plates, 6"		30
*147.	Pawls, with pivot bolt and nuts		10
*147a.	Pawls		05
*147b.	Pivot Bolt with 2 nuts		05
148.	Ratchet Wheels		15
149.	Collecting Shoes, for Electric Locos		45
150.	Crane Grabs		20
151.	Pulley Blocks, Single Sheave		20
152.	" " Two		25
153.	" " Three		30
*154.	Corner Angle Brackets, $\frac{1}{2}$ " right hand	$\frac{1}{2}$ doz.	15
*154b.	Corner Angle Brackets, $\frac{1}{2}$ " left hand		15
155.	Rubber Rings, $\frac{1}{4}$ "	each	03
*156.	Pointers, 24" over all, with boss		10
157.	Fans, 2" diam.		10
158a.	Signal Arms, Home		15
158b.	" " Distant		15
*159.	Circular Saws		30
160.	Channel Bearings, $1\frac{1}{2}$ " \times 1" \times $\frac{1}{2}$ "		05
162.	Boiler, complete with ends		30
162a.	Boiler ends		10
163.	Sleeve Pieces	pair	05
164.	Chimney Adaptors	each	05
165.	Swivel Bearings		15
166.	End		10
167.	Geared Roller Bearings		6-00
167a.	Roller Races, geared, 192 teeth		1-35
167b.	Ring Frames for Rollers		90
167c.	Pinions for Roller Bearings, 16 teeth		30
168.	Ball Bearings, 4" diam.		15
168a.	Ball Races, flanged		15
168b.	" " geared		25
168c.	Ball Casings, complete with balls		55
169.	Digger Buckets		60
*170.	Eccentrics, $\frac{1}{2}$ " throw		25

***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



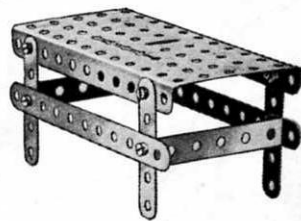
RECRUITING MEDALLION



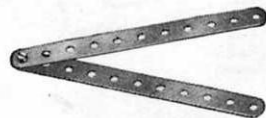
SPECIAL MERIT MEDALLION

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

Model No. 00.1 Table



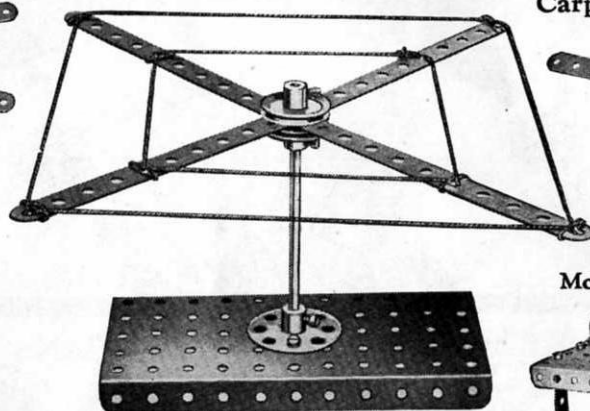
Model No. 00.2 Dividers



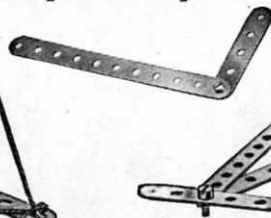
Model No. 00.3 Bench



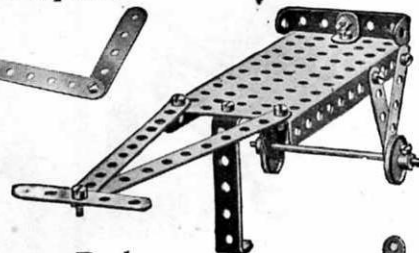
Model No. 00.4 Clothes Hanger



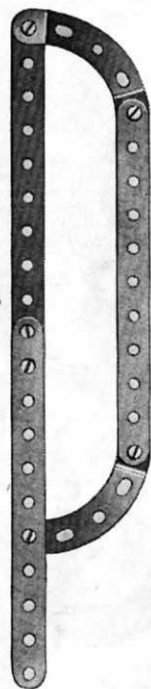
Model No. 00.5 Carpenter's Square



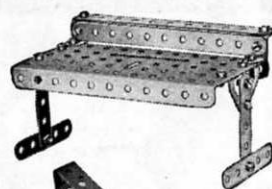
Model No. 00.7 Shipyard Bogie



Model No. 00.8 Meat Saw



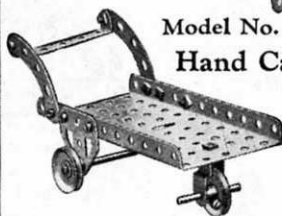
Model No. 00.6 Desk



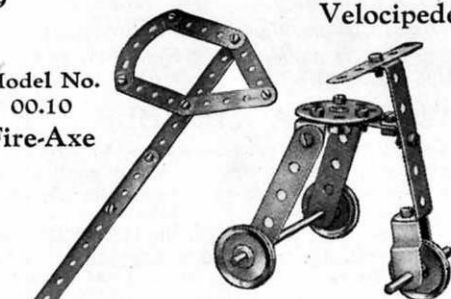
Model No. 00.15 Rifle with Bayonet



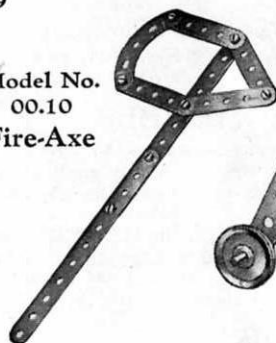
Model No. 00.9 Hand Cart



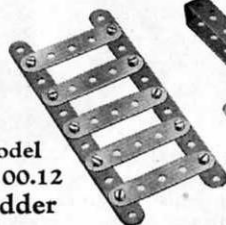
Model No. 00.11 Velocipede



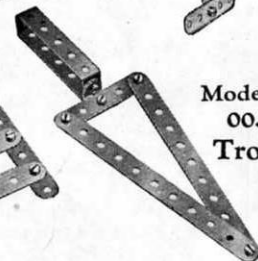
Model No. 00.10 Fire-Axe



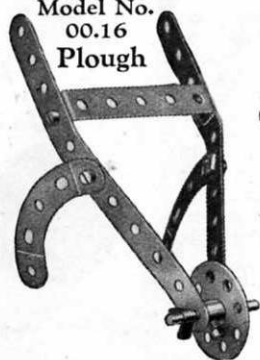
Model No. 00.12 Ladder



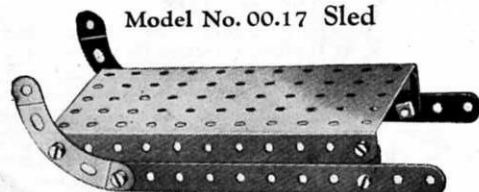
Model No. 00.13 Trowel



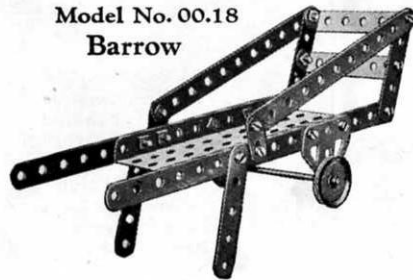
Model No. 00.16 Plough



Model No. 00.17 Sled

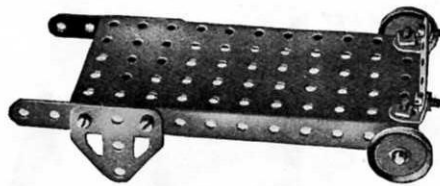


Model No. 00.18 Barrow

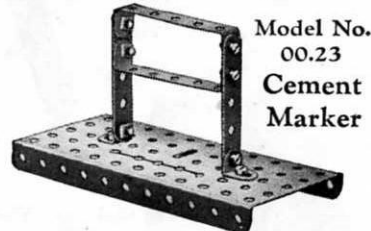


All these Models can be built with MECCANO Outfit No. 00

Model No. 00.19 Flat Truck



Model No. 00.22 Spade



Model No. 00.23 Cement Marker

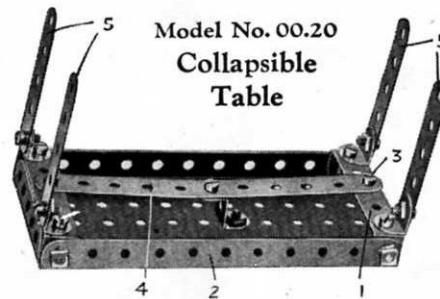
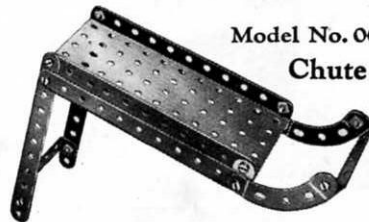
Model No. 00.26 Motor Boat



Model No. 00.27 Plasterer's Hawk



Model No. 00.28 Chute



Model No. 00.20 Collapsible Table

The $2\frac{1}{2}'' \times \frac{1}{2}''$ 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. 00.20A.

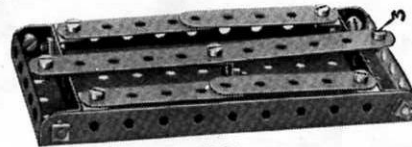
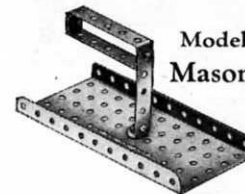


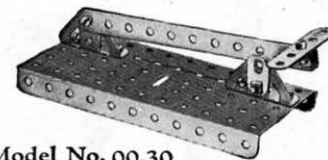
FIG. 00.20A

Model No. 00.29 Spinning Top



Model No. 00.30 Mason's Trowel

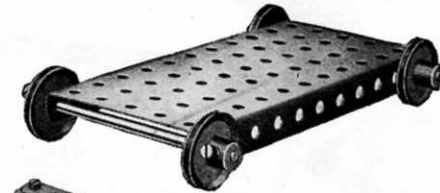
Model No. 00.31 Switch



Model No. 00.32 Baggage Cart

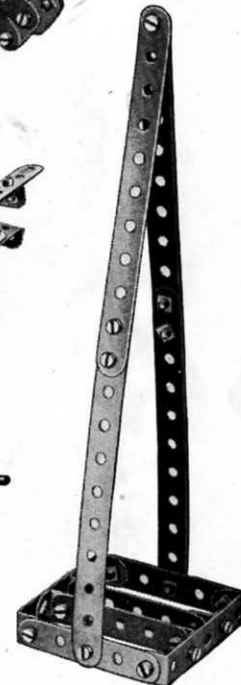


Model No. 00.21 Trolley



Model No. 00.24 Lewis Gun

Model No. 00.25 Potato Chopper



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

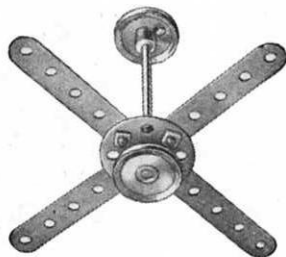
Model No. 00.33
Friction Grip Tongs



Model No. 00.34 Tweezers



Model No. 00.35 Ceiling Fan



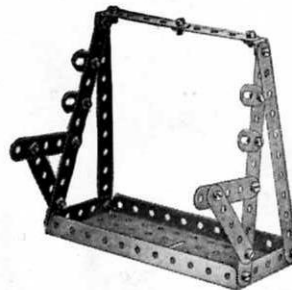
Model No. 00.36
Telegraph Pole



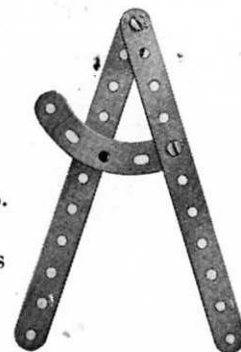
Model No. 00.37
Tin Opener



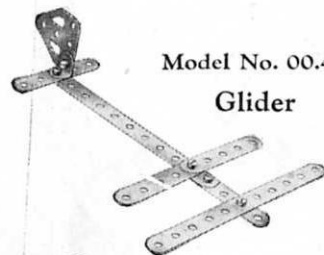
Model No. 00.38
Pen Rack



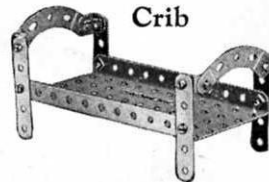
Model No.
00.39
Dividers



Model No. 00.40
Glider



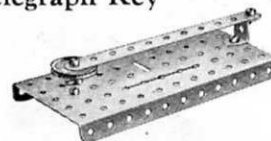
Model No. 00.41
Crib



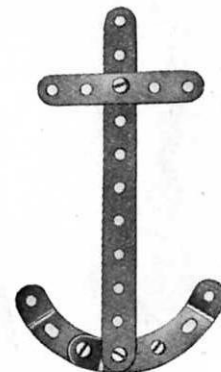
Model No. 00.43 Book End



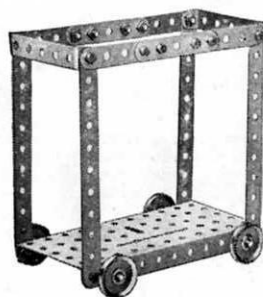
Model No. 00.42
Telegraph Key



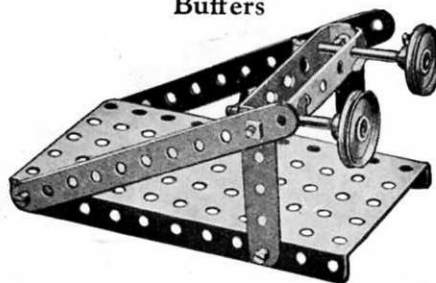
Model No. 00.48
Anchor



Model No. 00.45
Refreshment Wagon



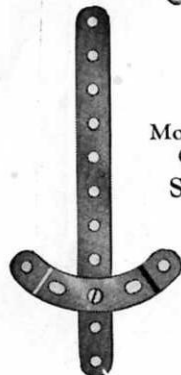
Model No. 00.46
Buffers



Model No. 00.47
Piano Stool

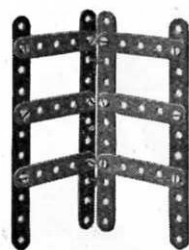


Model No.
00.44
Sword

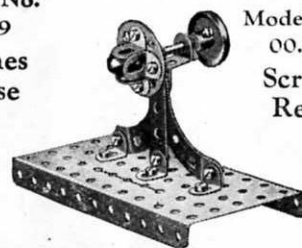


These Models can be built with MECCANO Outfit No. 00

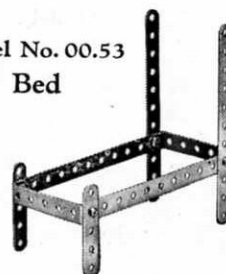
7



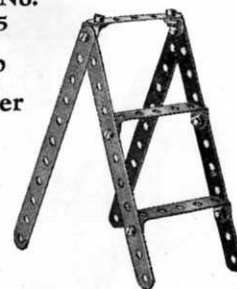
Model No.
00.49
Clothes
Horse



Model No.
00.51
Scrap
Reel

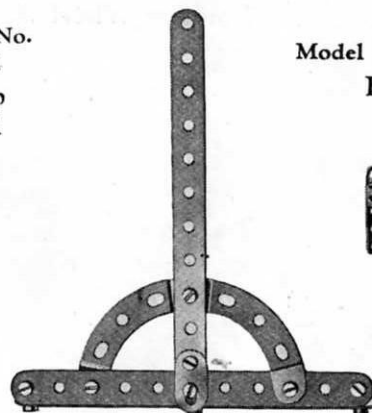


Model No. 00.53
Bed



Model No.
00.55
Step
Ladder

Model No. 00.50
Rake

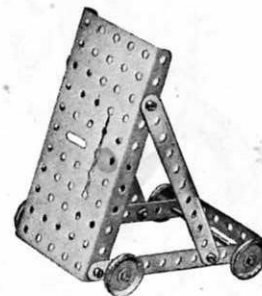


Model No. 00.52 Rake

Model No. 00.54
Track Gauge



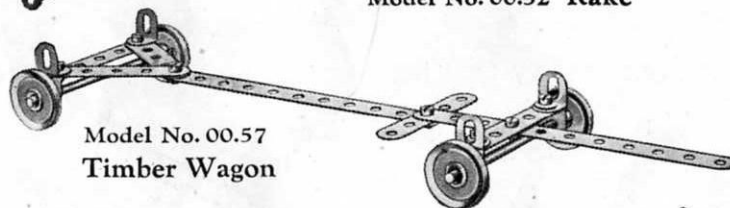
Model No. 00.59
Gravel Sifter



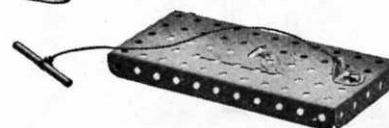
Model No.
00.56
Mail Bag
Hanger



Model No. 00.57
Timber Wagon



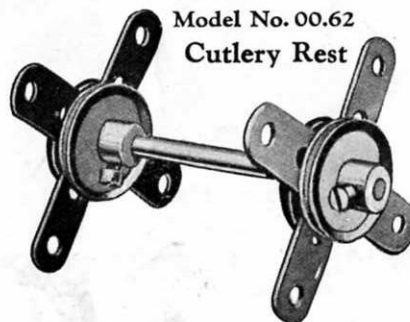
Model No. 00.58
Cheese Cutter



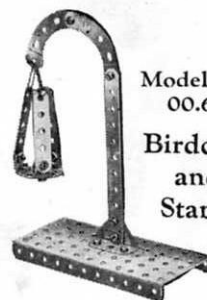
Model No. 00.61
Umbrella Stand



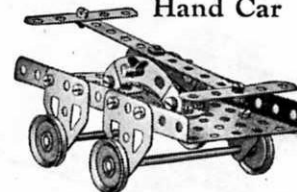
Model No. 00.62
Cutlery Rest



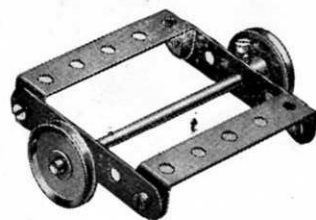
Model No.
00.63
Birdcage
and
Stand



Model No. 00.64
Hand Car

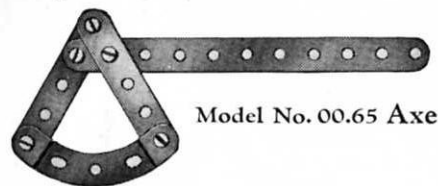


Model No. 00.60 Trolley



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These Models can be built with MECCANO Outfit No. 00

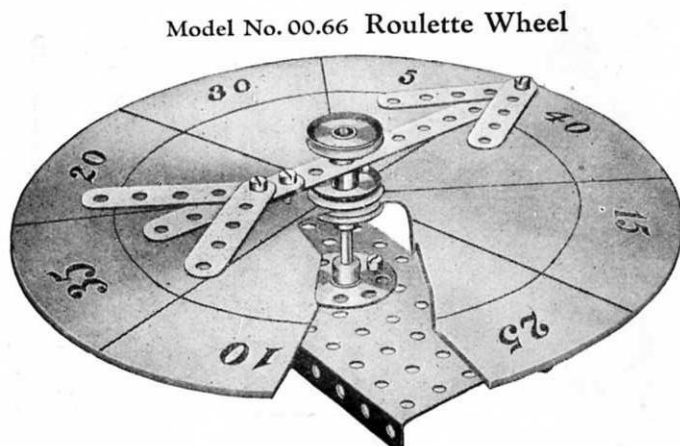


Model No. 00.65 Axe

Model No. 00.69 Fork



Model No. 00.70 Horse

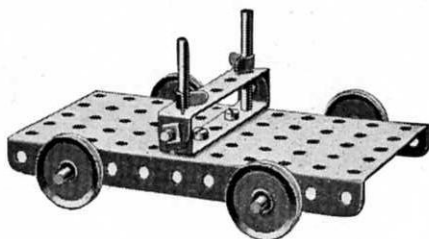


Model No. 00.66 Roulette Wheel

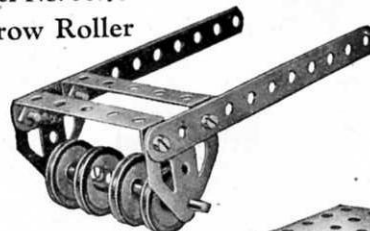
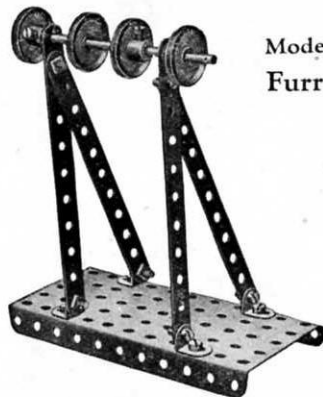
Cut out a circular piece of cardboard, and mark as shown to form scoring board. This is clamped between two 1" pulley wheels. The pointer revolves freely on the upright spindle and is held in position by another 1" pulley wheel.

Model No. 00.72 Pulley Shafting

Model No. 00.71 Timber Truck



Model No. 00.73 Furrow Roller



Model No. 00.74 Grill

Model No. 00.75 Hoe

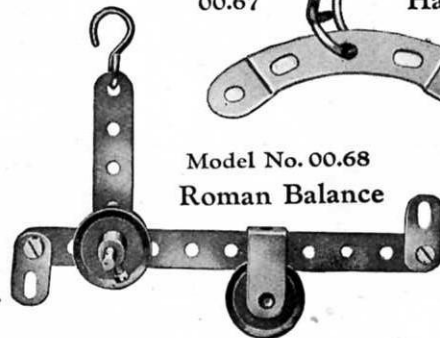


Model No. 00.67

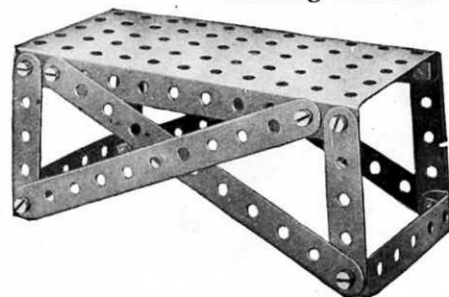
Coat Hanger



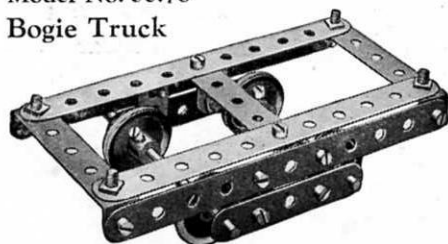
Model No. 00.68 Roman Balance



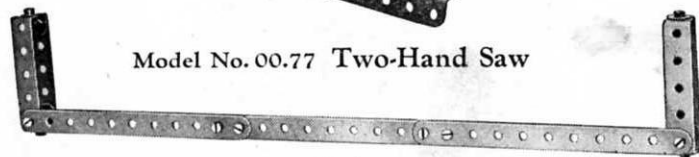
Model No. 00.78 Planing Bench



Model No. 00.76 Bogie Truck



Model No. 00.77 Two-Hand Saw



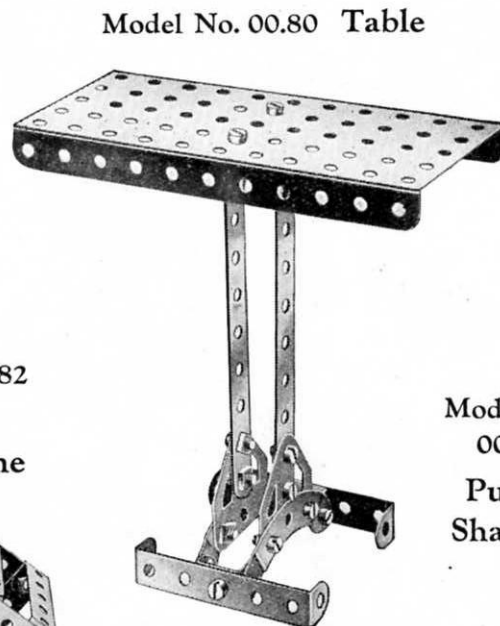
These Models can be built with MECCANO Outfit No. 00

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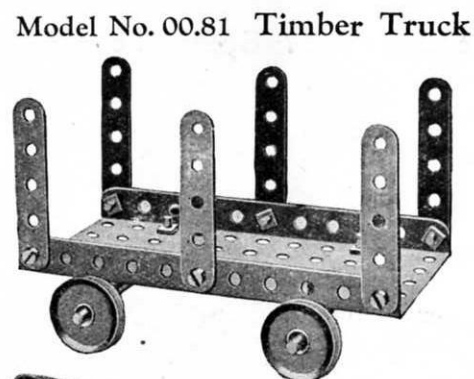


Model No. 00.79

Baggage
Truck



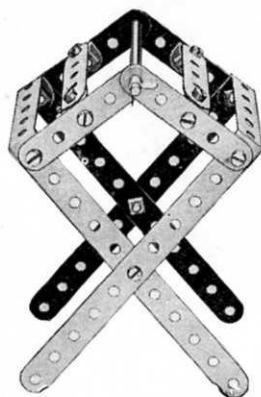
Model No. 00.80 Table



Model No. 00.81 Timber Truck

Model No. 00.82

Clothes
Drying Frame

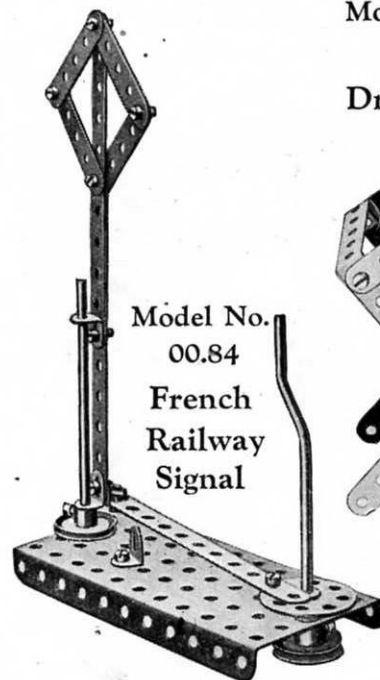
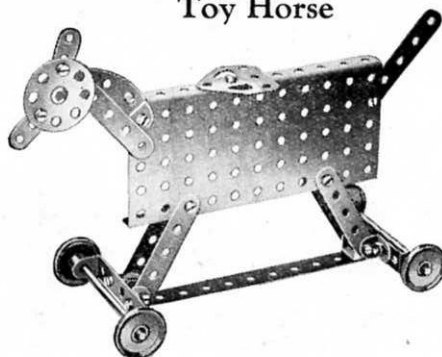


Model No.
00.83

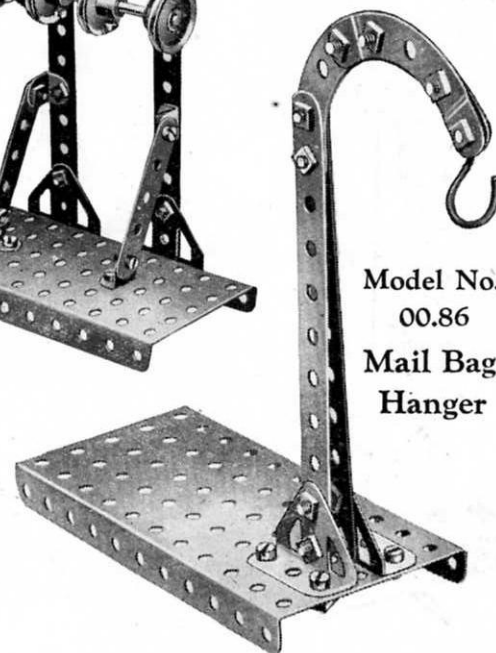
Pulley
Shafting



Model No. 00.85
Toy Horse

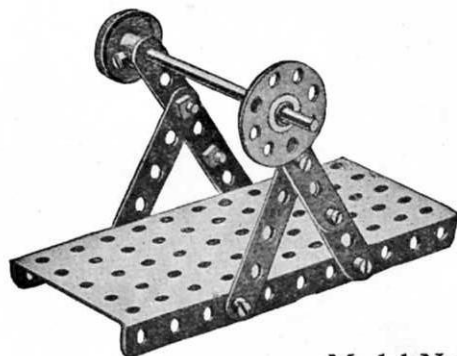


Model No.
00.84
French
Railway
Signal

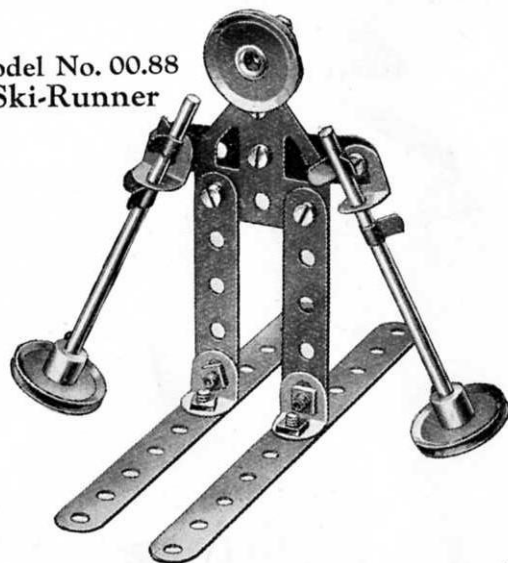


Model No.
00.86
Mail Bag
Hanger

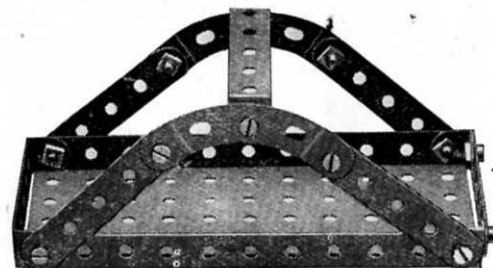
Model No. 00.87 Buffing Spindle



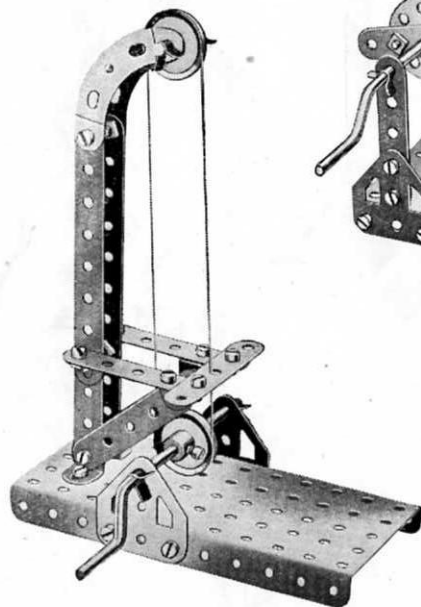
Model No. 00.88 Ski-Runner



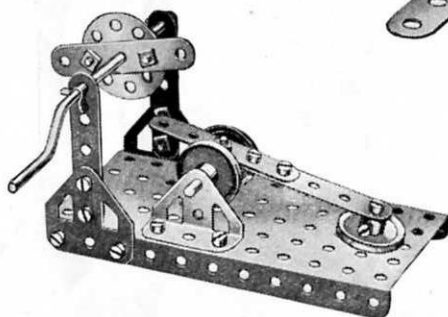
Model No. 00.89 Cutlery Basket



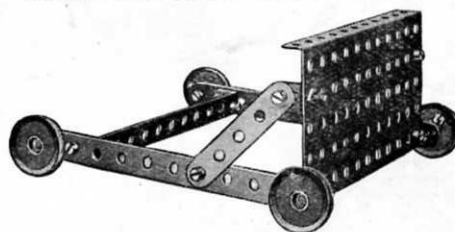
Model No. 00.92 Band Saw



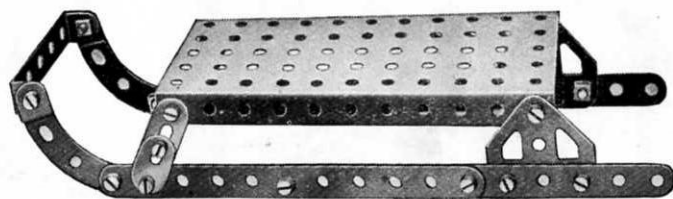
Model No. 00.90 Trip Hammer



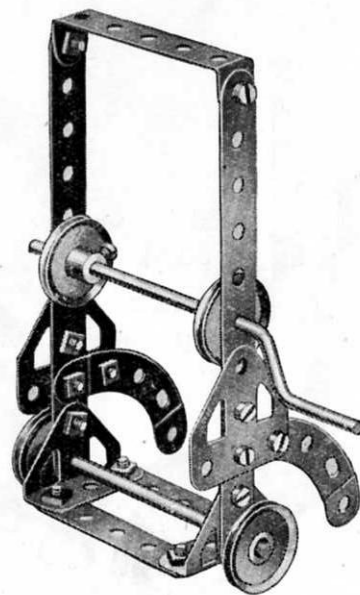
Model No. 00.91 Devil Wall

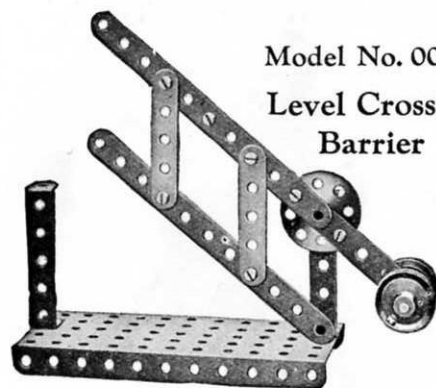


Model No. 00.93 Sled

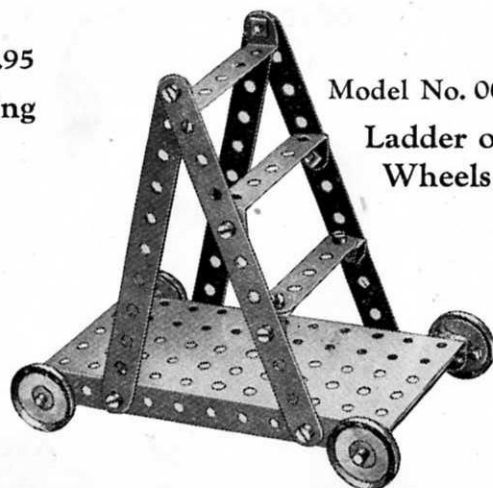


Model No. 00.94 Garden Hose Reel





Model No. 00.95
Level Crossing
Barrier

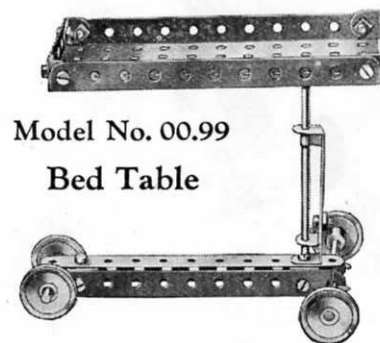
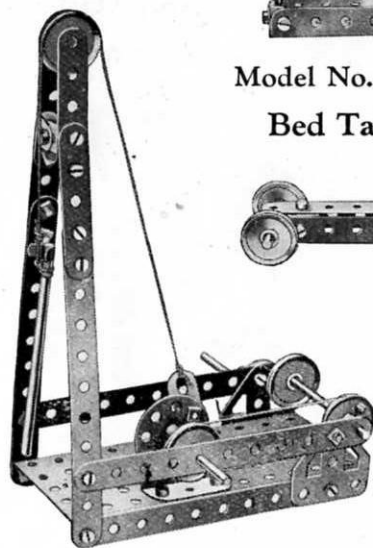


Model No. 00.96
Ladder on
Wheels



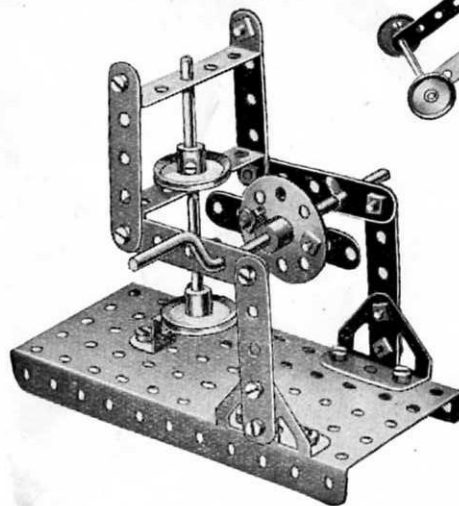
Model No. 00.97
Bath Chair

Model No. 00.98
Well Driller

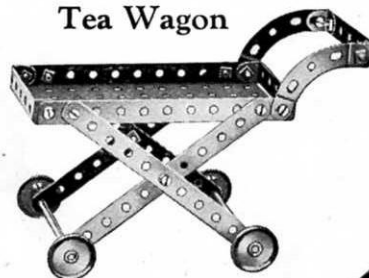


Model No. 00.99
Bed Table

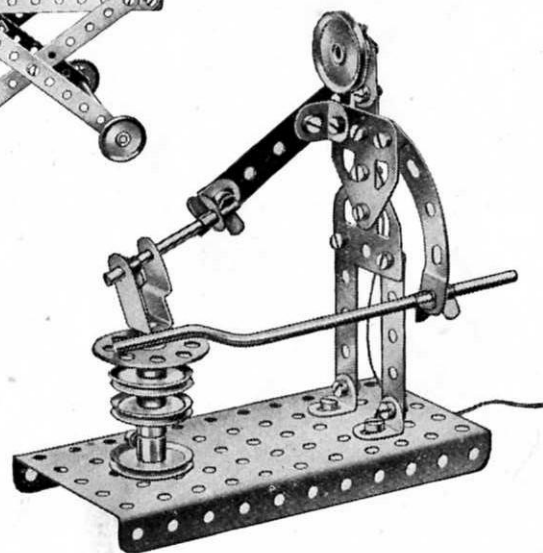
Model No. 00.100
Ore Crusher



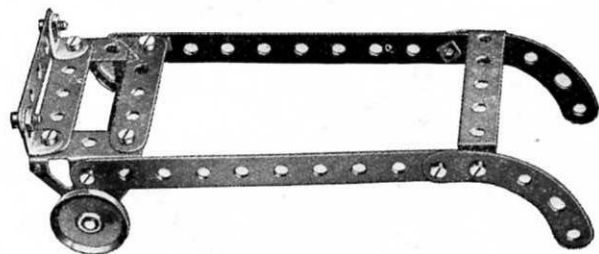
Model No. 00.101
Tea Wagon



Model No. 00.102
Blacksmith



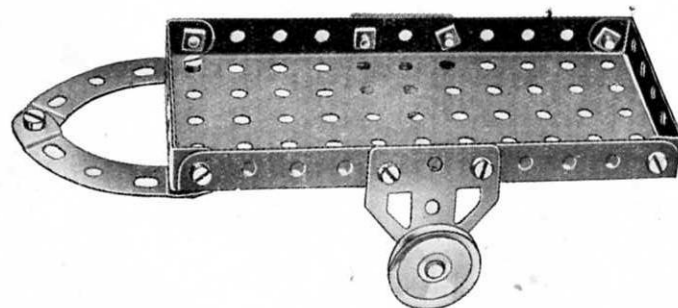
Model No. 00.103 Porter's Trolley



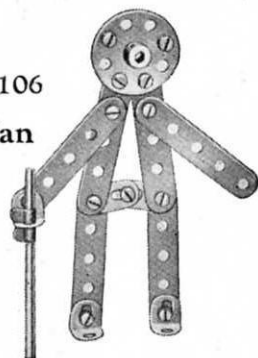
Model No. 00.104
Watch Stand



Model No. 00.105 Hand Truck



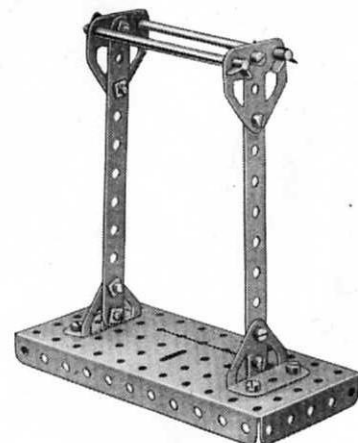
Model No. 00.106
Meccano Man



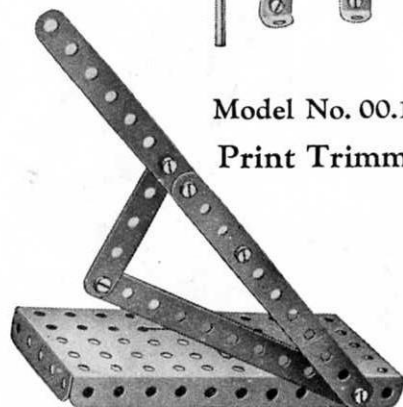
Model No. 00.107
Battle Axe



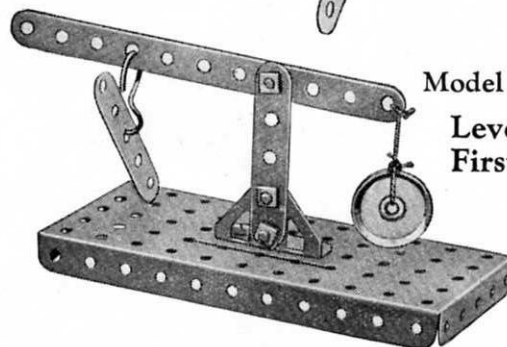
Model No. 00.110
Towel Horse



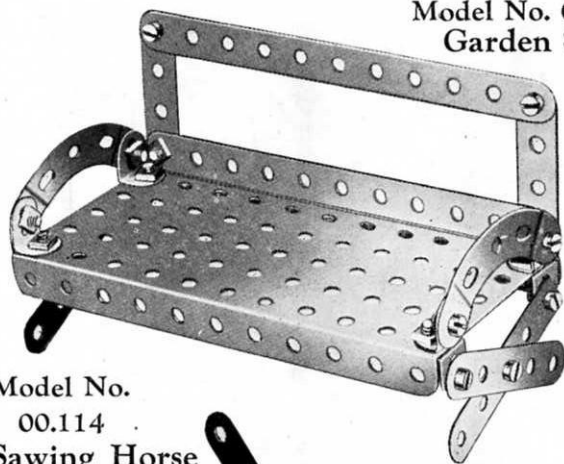
Model No. 00.108
Print Trimmer



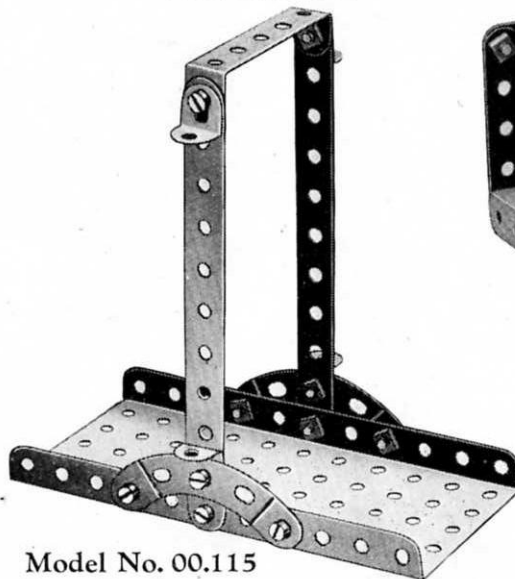
Model No. 00.109
Lever of the
First Order



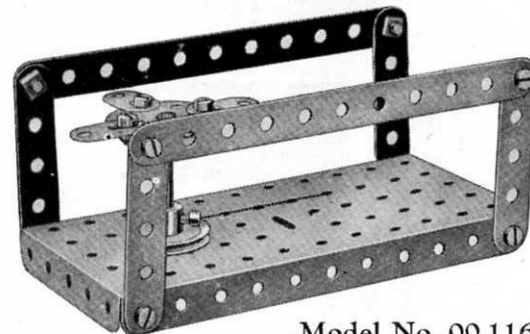
Model No. 00.111
Garden Seat



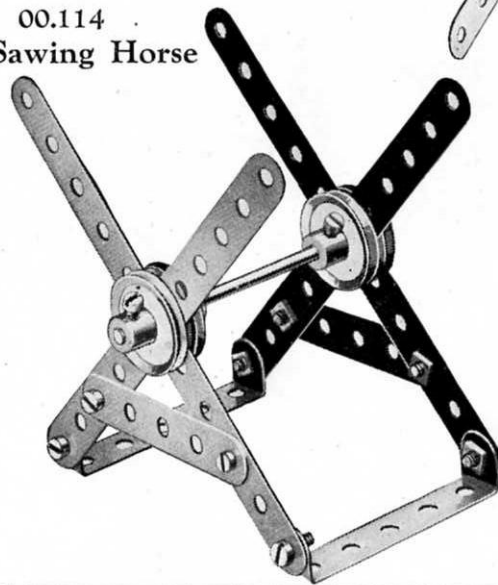
Model No. 00.112
Elevator Car



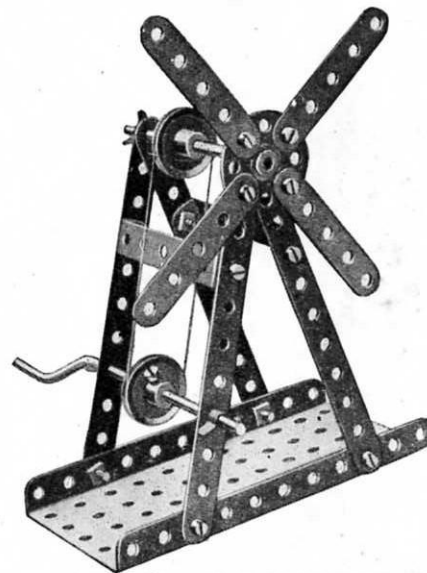
Model No. 00.113 Turnstile



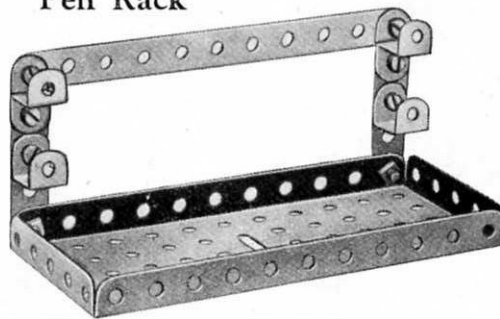
Model No.
00.114
Sawing Horse



Model No. 00.116
Windmill

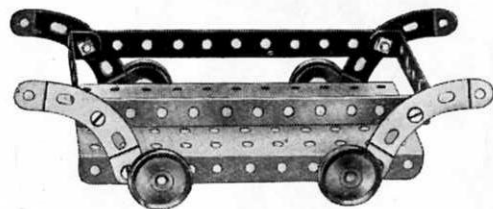


Model No. 00.115
Pen Rack



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. 00A Accessory Outfit, the price of which will be found in the list at the end of this Manual.

Model No. 0.1 Trolley

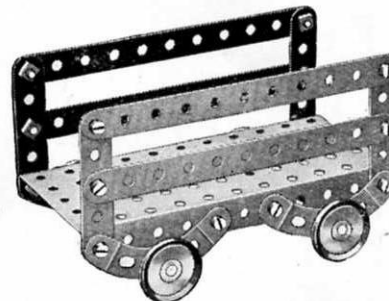
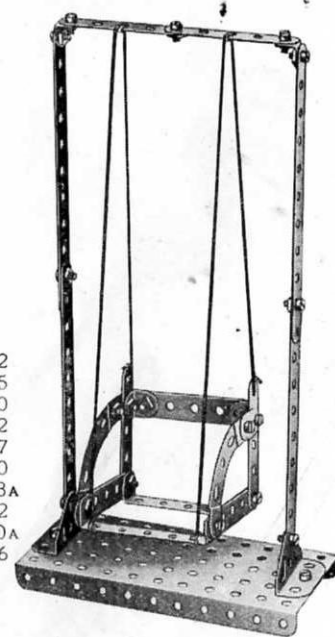
Parts required:

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

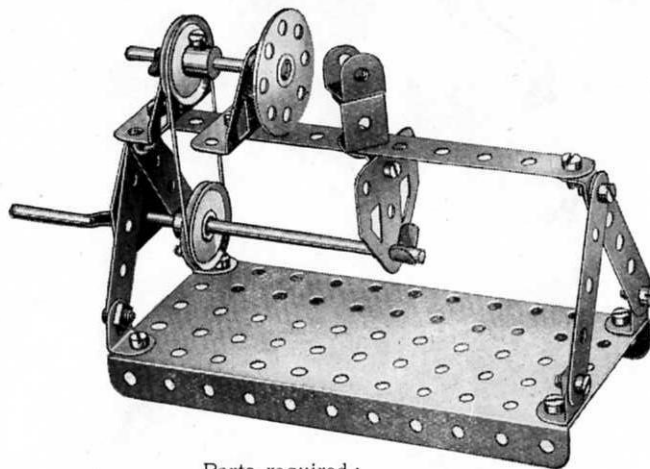
Parts required:

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

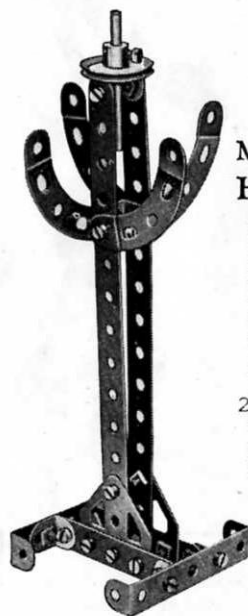
Parts required:

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

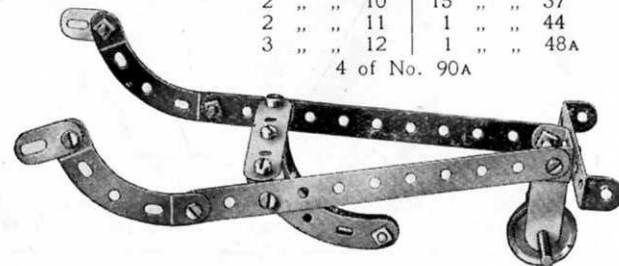
Parts required:

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

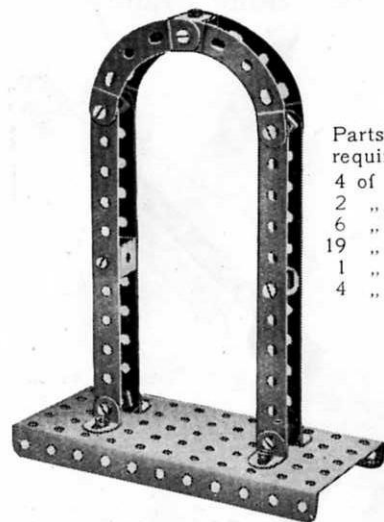
**Model No. 0.6 Plough**

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	



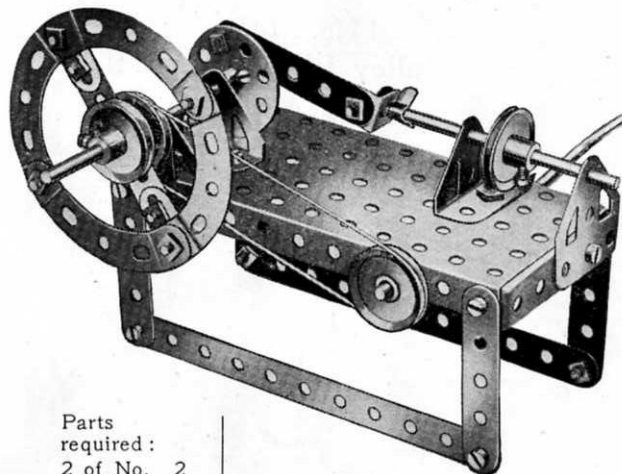
Model No. 0.7 Arch



Parts
required:

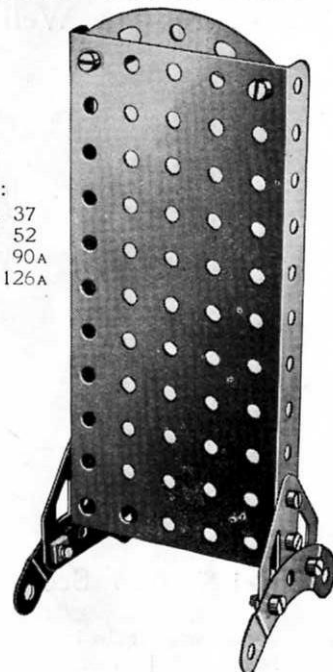
4 of No.	2
2 " "	11
6 " "	12
19 " "	37
1 " "	52
4 " "	90A

Model No. 0.8 Horizontal Engine



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

Model No. 0.9 Notice Board



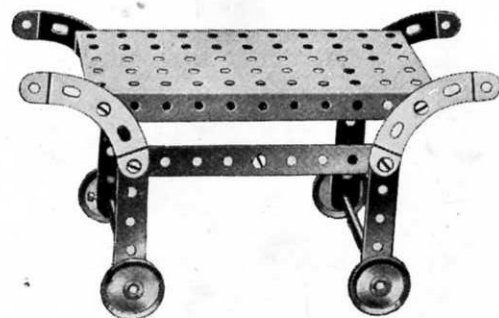
Parts
required:

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

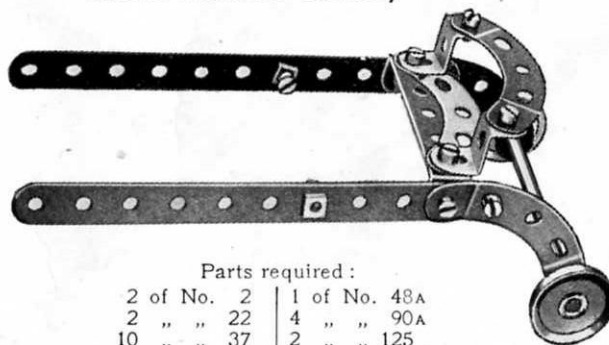
Model No. 0.10 Tea Wagon

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

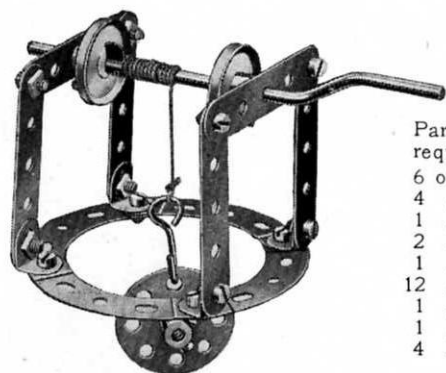
Model No. 0.12 Drafting Table

Parts required:

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



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



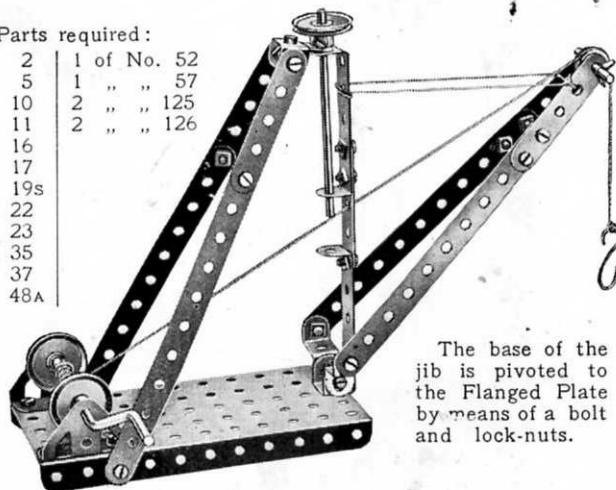
Parts required:

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		

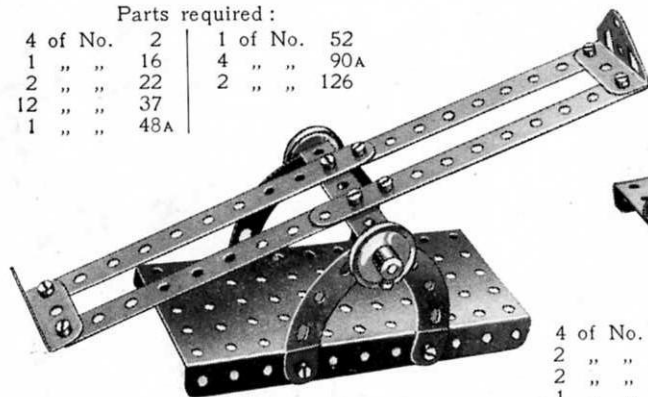


The base of the jib is pivoted to the Flanged Plate by means of a bolt and lock-nuts.

Model No. 0.16 See-Saw

Parts required:

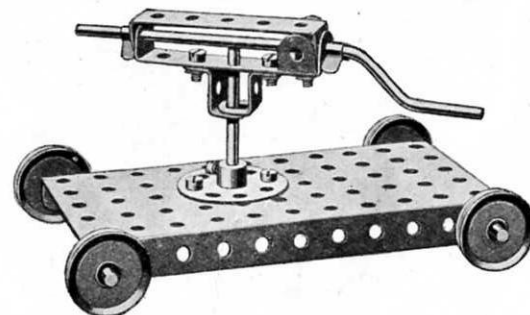
4 of No.	2	1 of No.	52
1 " "	16	4 " "	90A
2 " "	22	2 " "	126
12 " "	37		
1 " "	48A		

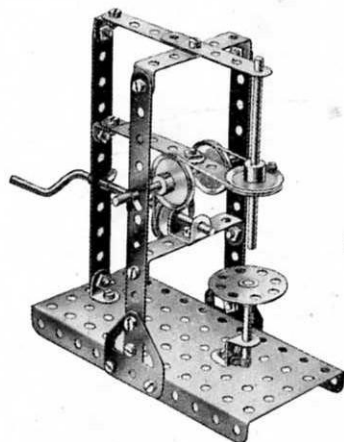


Model No. 0.17 Rock Drill

Parts required:

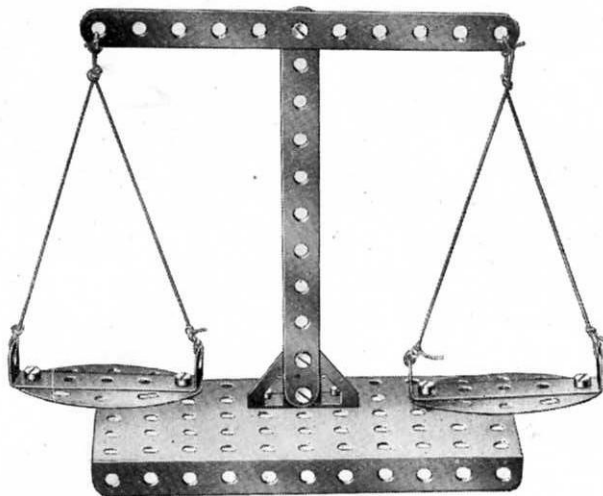
1 of No.	11	4 of No.	22	2 of No.	48A
2 " "	16	1 " "	24	1 " "	52
1 " "	17	2 " "	35	2 " "	125
1 " "	19s	5 " "	37		



Model No. 0.18 Drilling Machine

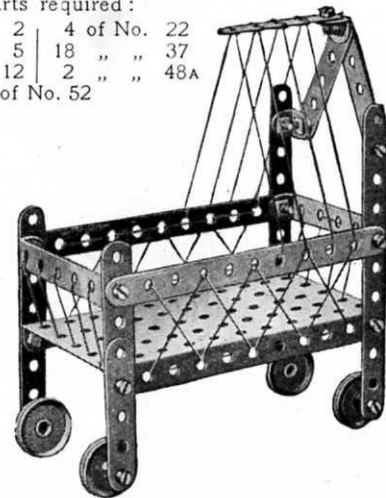
Parts required:

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**

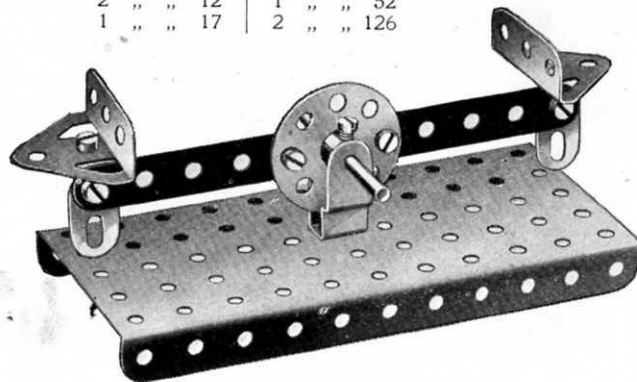
Parts required:

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.	27	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

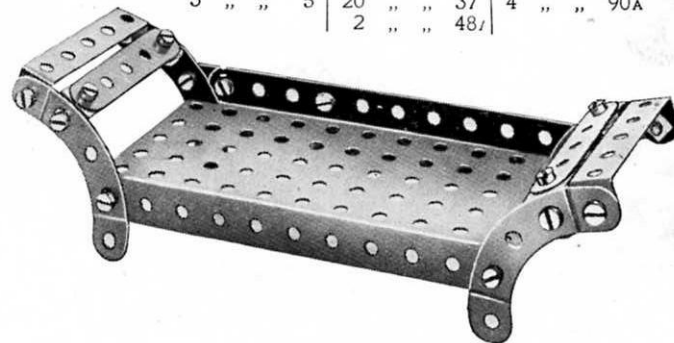
Parts required:

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

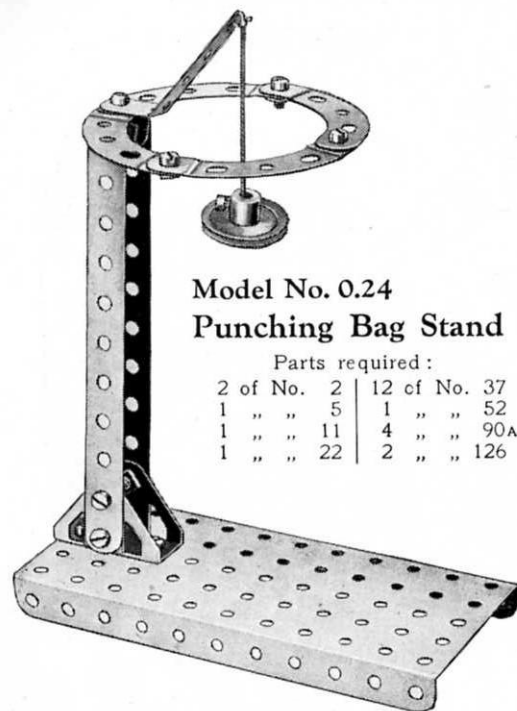
Model No. 0.23 Couch

Parts required:

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



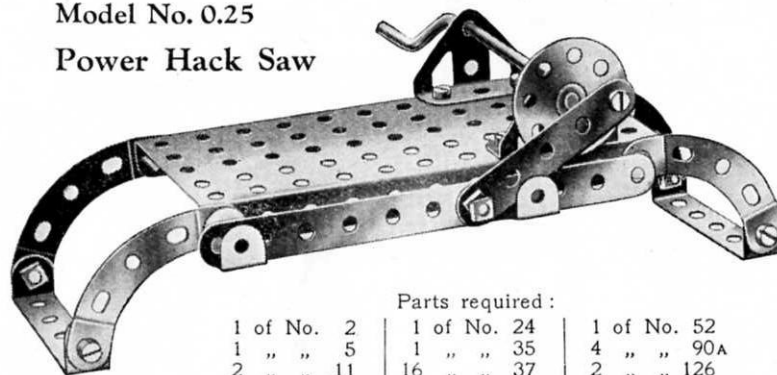
These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)



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

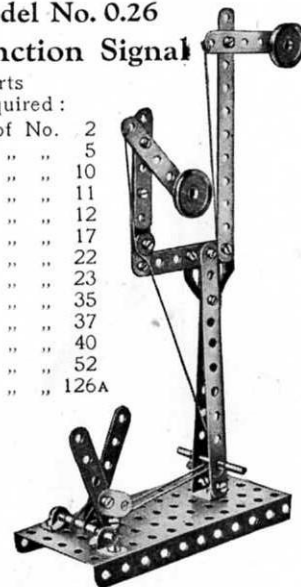
Model No. 0.25
Power Hack Saw



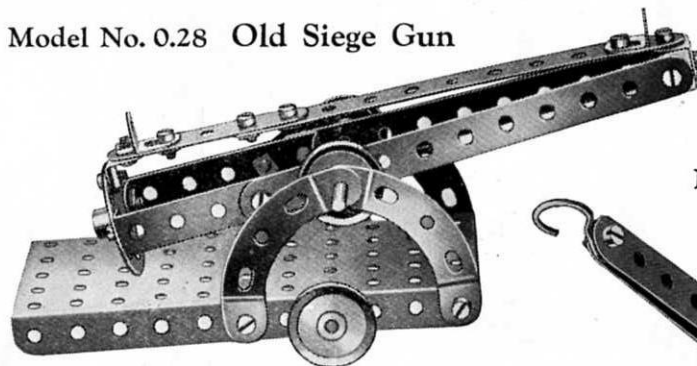
Parts required :					
1 of No.	2	1 of No.	24	1 of No.	52
1 " "	5	1 " "	35	4 " "	90A
2 " "	11	16 " "	37	2 " "	126
1 " "	19s	2 " "	48A		

Model No. 0.26
Junction Signal

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



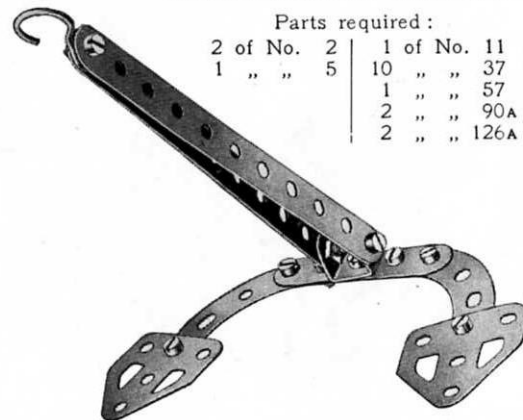
Model No. 0.28 Old Siege Gun



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		

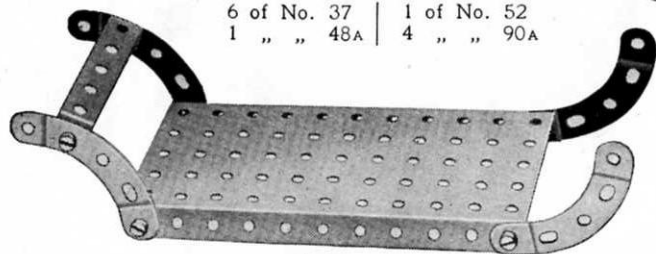
Model No. 0.29 Anchor

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

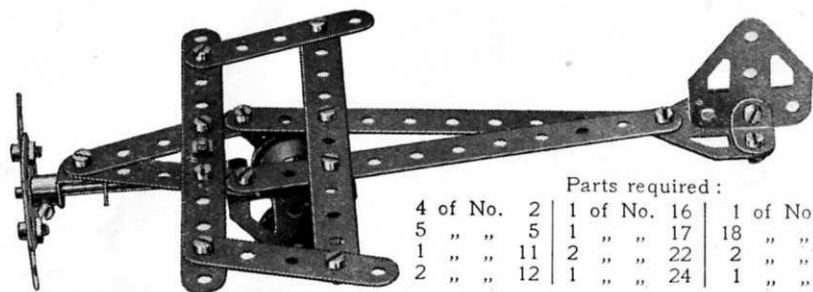


Model No. 0.27 Sled

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



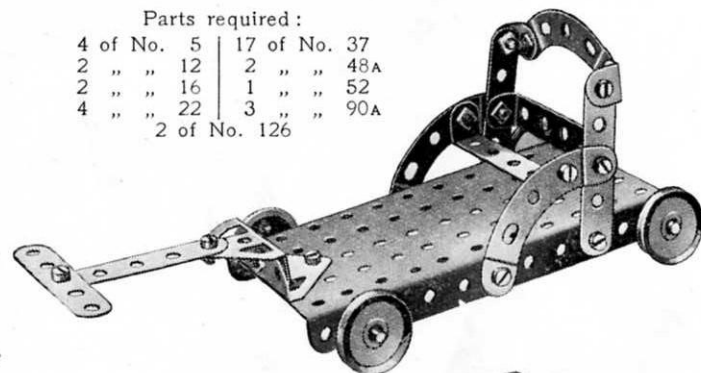
Model No. 0.30 Aeroplane



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

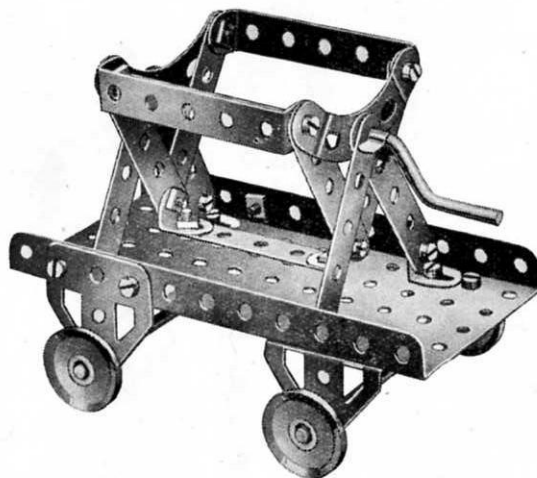
Model No. 0.31 Bath Chair



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	

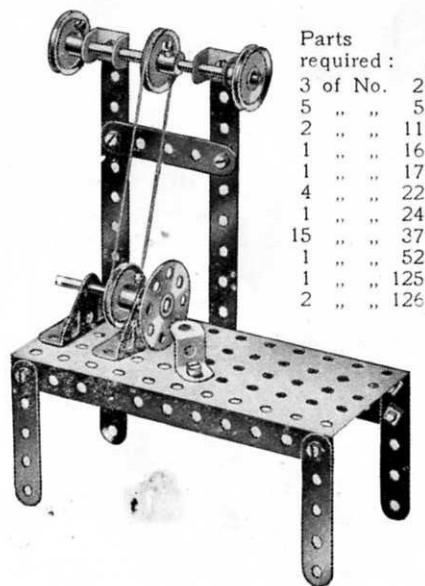
Model No. 0.33 Dump Car



Parts required :

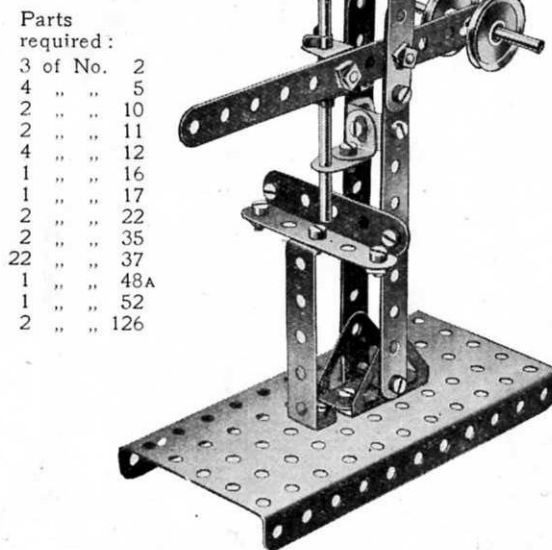
9 of No. 5	2 of No. 35	2 of No. 90A
6 " " 12	22 " " 37	2 " " 126
1 " " 19s	2 " " 48A	2 " " 126A
4 " " 22	1 " " 52	

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

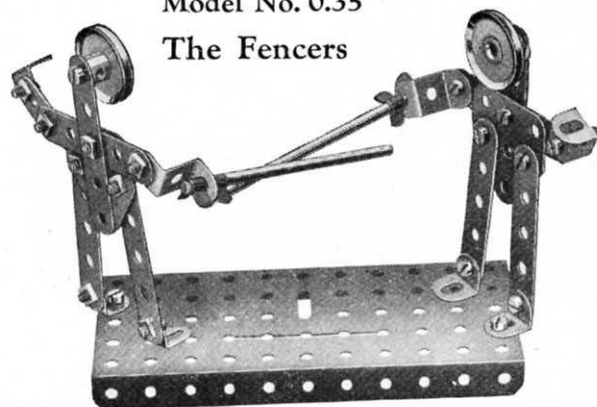
Model No. 0.34
Punching Machine

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)

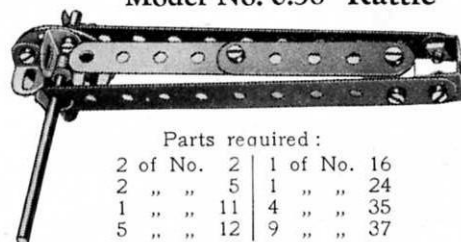
Model No. 0.35
The Fencers



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

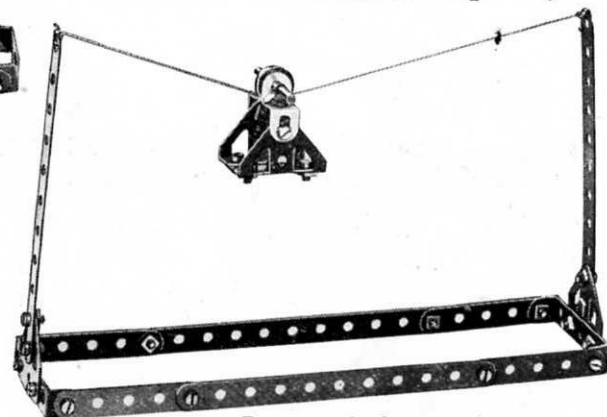
Model No. 0.37
Single Sheave Pulley Block



Parts required:

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

Model No. 0.38 Aerial Ropeway



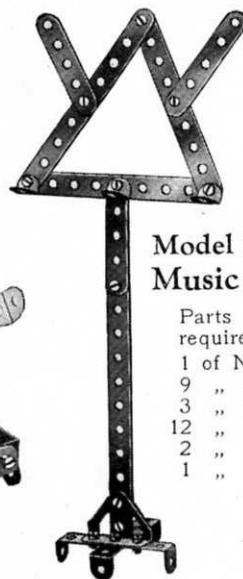
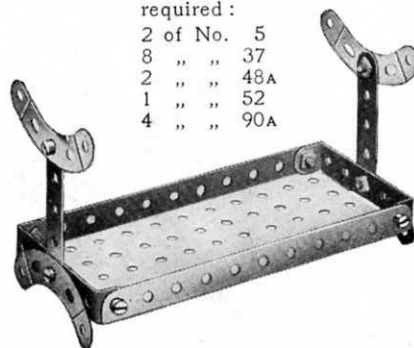
Parts required:

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

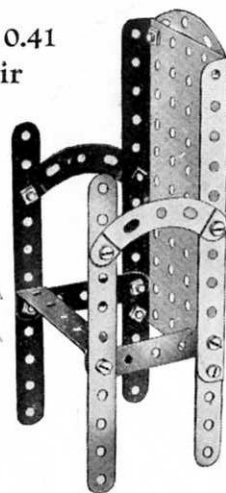
Parts required:

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

Model No. 0.41
Arm Chair

Parts required:

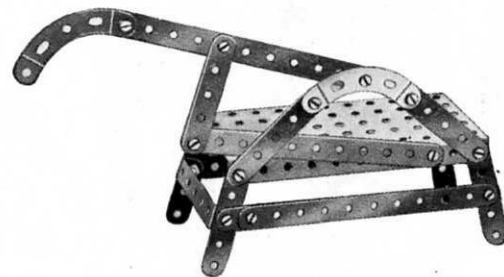
2 of No. 2
4 " " 5
12 " " 37
1 " " 48A
1 " " 52
3 " " 90A

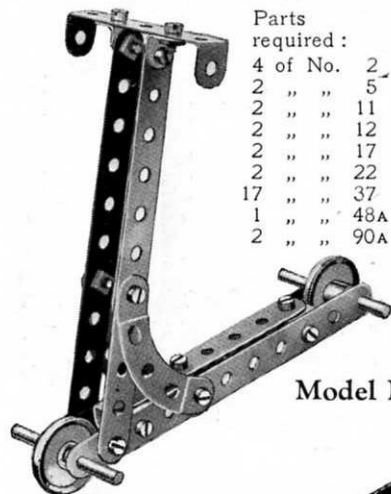


Model No. 0.42 Shearing Machine

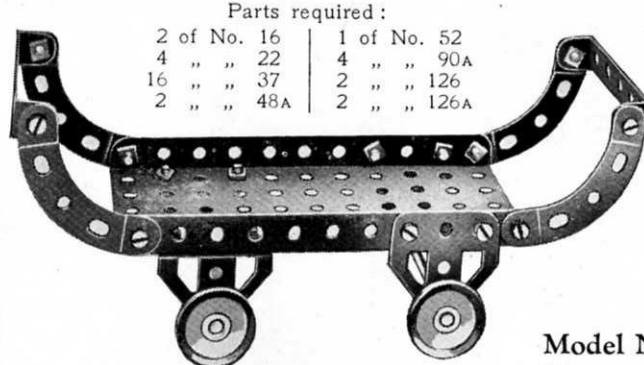
Parts required:

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

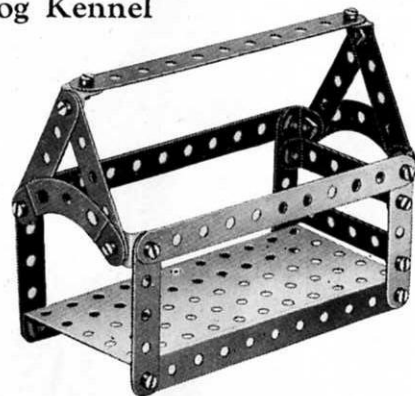


Model No. 0.43 Scooter

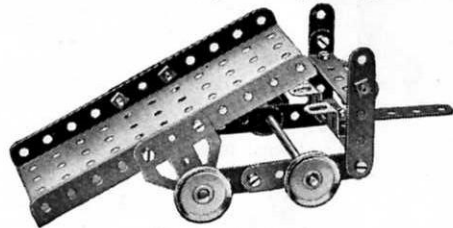
Parts required:
 4 of No. 2
 2 " " 5
 2 " " 11
 2 " " 12
 2 " " 17
 2 " " 22
 17 " " 37
 1 " " 48A
 2 " " 90A

Model No. 0.44 Push Cart

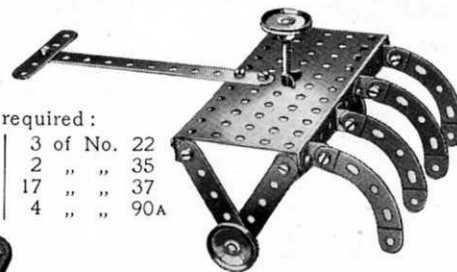
Parts required:
 2 of No. 16 | 1 of No. 52
 4 " " 22 | 4 " " 90A
 16 " " 37 | 2 " " 126
 2 " " 48A | 2 " " 126A

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

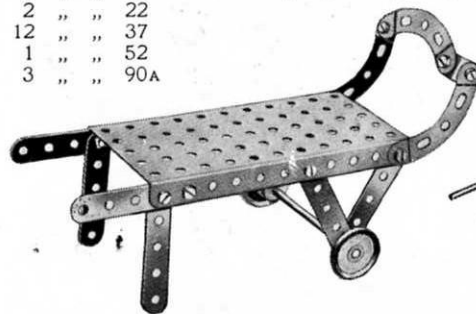
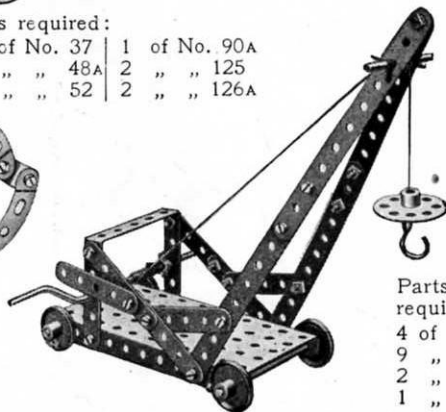
Parts required:
 1 of No. 2 | 3 of No. 22
 5 " " 5 | 2 " " 35
 8 " " 12 | 17 " " 37
 1 " " 17 | 4 " " 90A

Model No. 0.50 Chaff Cutter

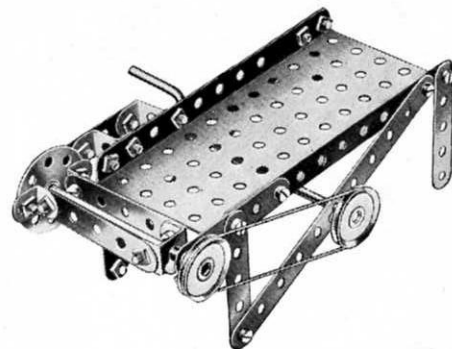
Parts required:
 2 of No. 2 | 2 of No. 22
 8 " " 5 | 1 " " 24
 1 " " 11 | 2 " " 35
 2 " " 12 | 19 " " 37
 1 " " 16s | 1 " " 52
 1 " " 19s | 2 " " 125

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

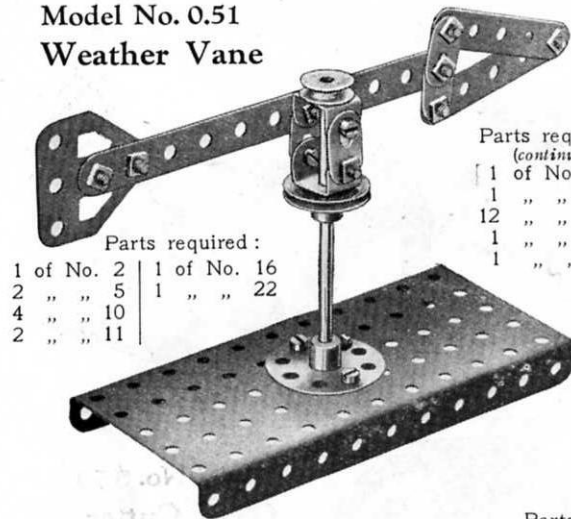
**Model No. 0.49 Jib Crane**

Parts required:
 4 of No. 2 | 1 of No. 19s
 9 " " 5 | 4 " " 22
 2 " " 16 | 1 " " 23
 1 " " 17 | 1 " " 24
 4 " " 35
 1 " " 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:

1 of No. 2	1 of No. 16
2 " " 5	1 " " 22
4 " " 10	
2 " " 11	

Parts required:
(continued)

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

Model No. 0.52 Portal



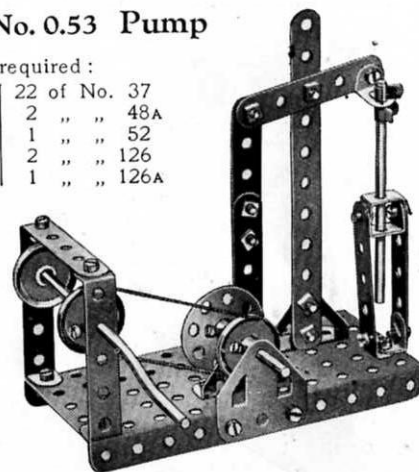
Parts required:

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

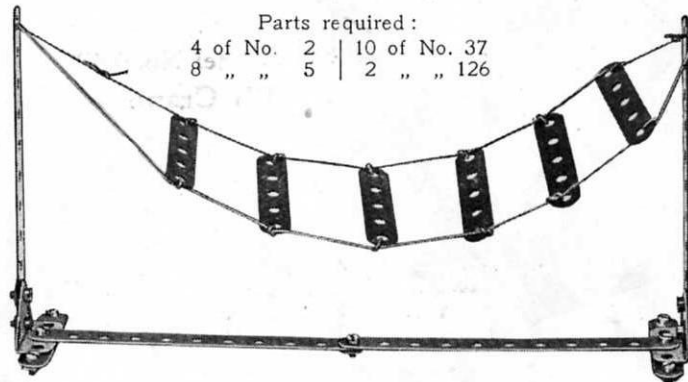
Parts required:

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

Model No. 0.55 Hammock

Parts required:

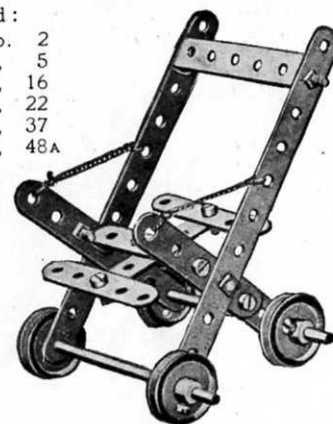
4 of No. 2	10 of No. 37
8 " " 5	2 " " 126

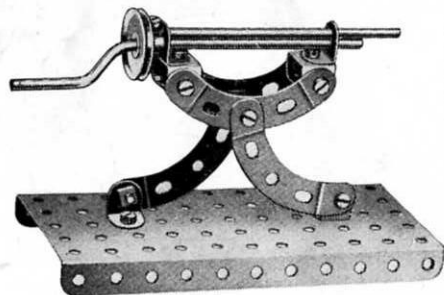


Model No. 0.56 Go Chair

Parts required:

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



**Model No. 0.57
Machine Gun**

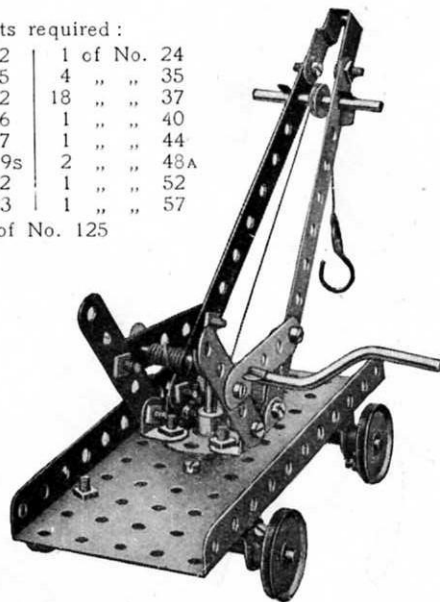
Parts required:

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	

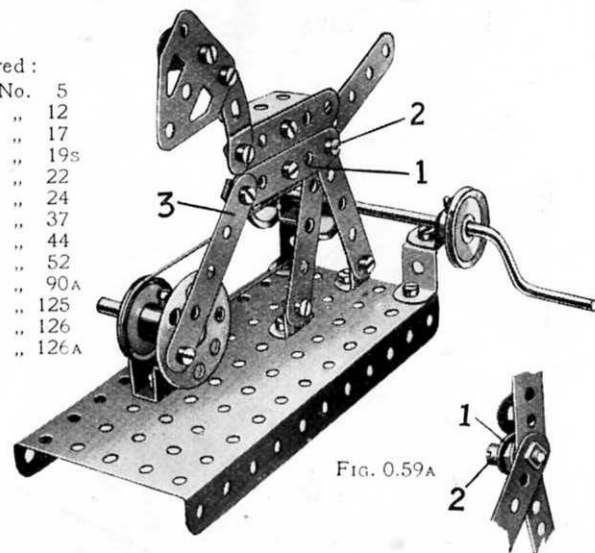
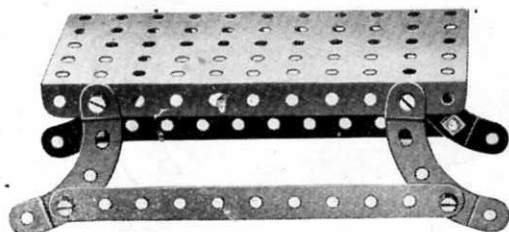


Fig. 0.59A

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:

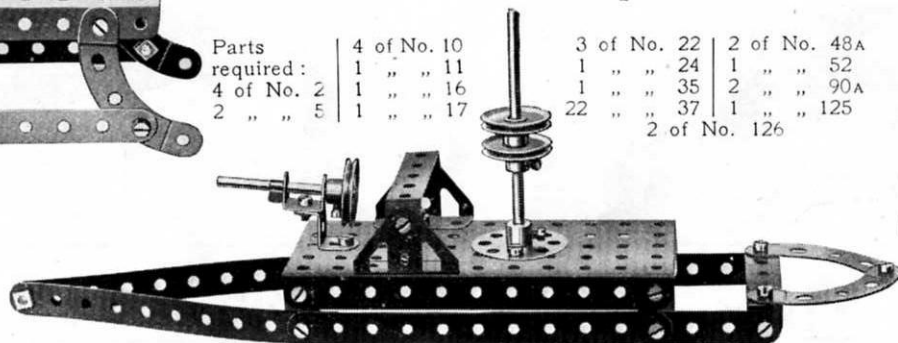
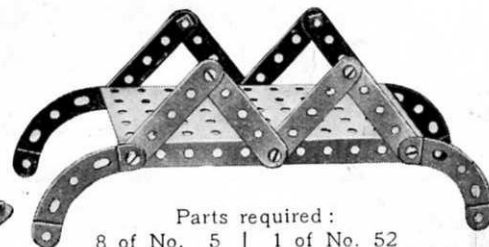
2 of No. 2	
8 " " 37	
1 " " 52	
4 " " 90A	

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	

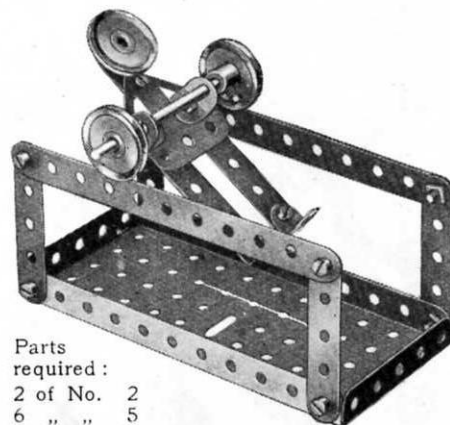
**Model No. 0.62 Viaduct**

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



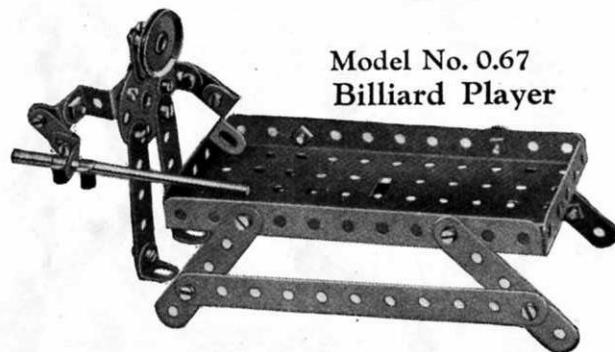
**Model No. 0.66
Prehistoric Animal**



Parts
required:

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

**Model No. 0.67
Billiard Player**

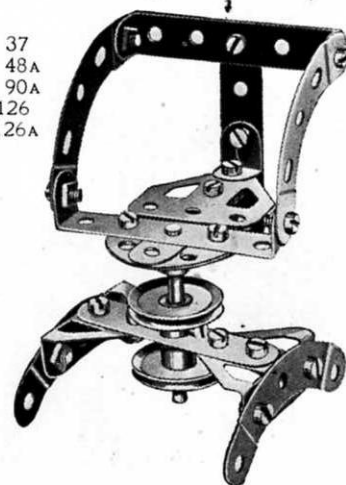


Parts
required:
2 of No. 2
6 " " 5
3 " " 10
5 " " 12
1 " " 16
1 " " 22
1 " " 24
2 " " 35
21 " " 37
2 " " 125

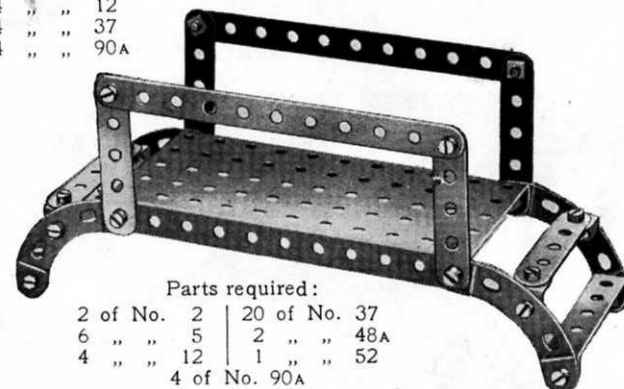
Model No. 0.65 Revolving Office Chair

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



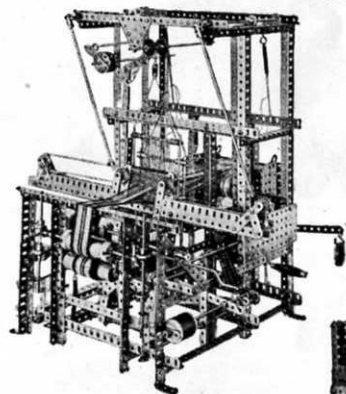
Parts required:

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

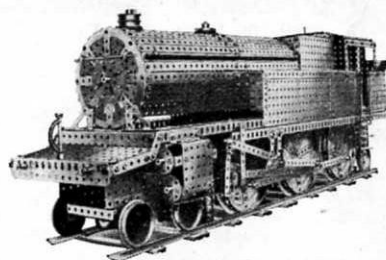
HOW TO CONTINUE

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.

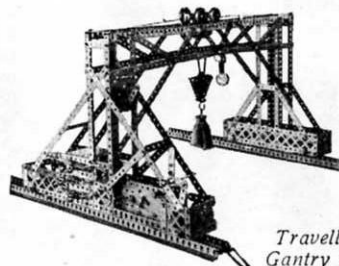
A Selection of Choice Meccano Models



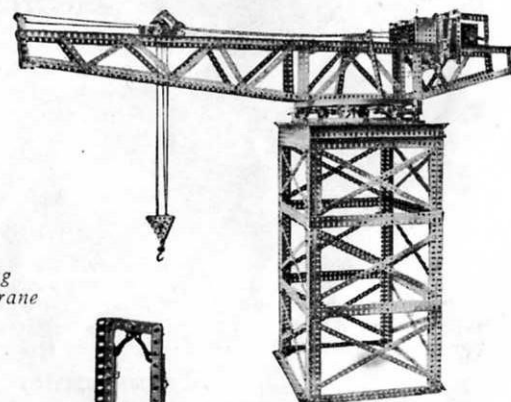
Loom



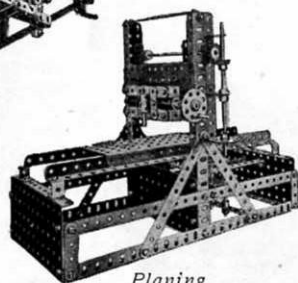
Tank Locomotive



Travelling Gantry Crane



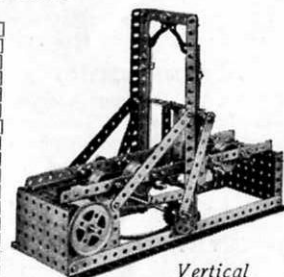
Hammerhead Crane



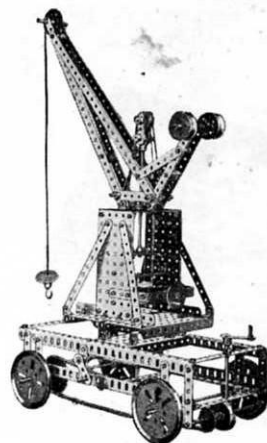
Planing Machine

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.



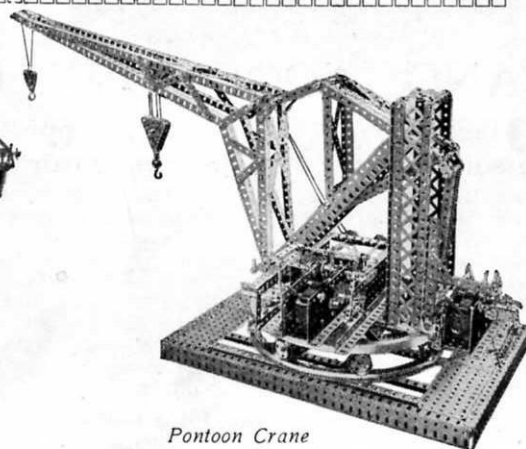
Vertical Log Saw



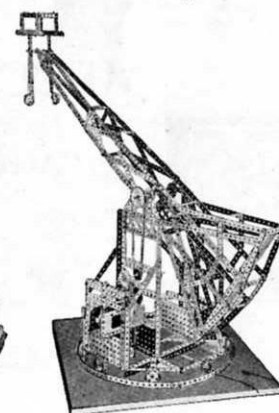
Hydraulic Crane



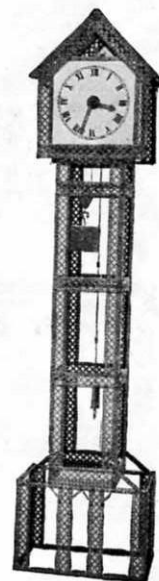
High-Speed Ship-Cooler



Pontoon Crane



Aeroscope

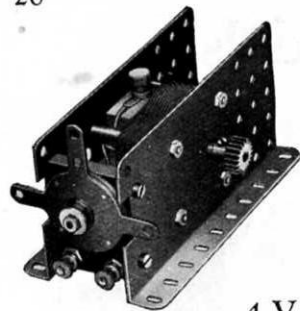


Grandfather's Clock

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 Accumulators

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

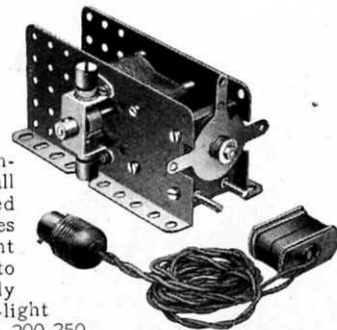
By means of this transformer the Meccano Electric Motor No. 1 (4 volt) may be driven direct from the house supply (alternating current only). It is available for all standard supply voltages, from 100 to 250 inclusive, at all standard frequencies. The supply voltage and frequency must be specified when 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.

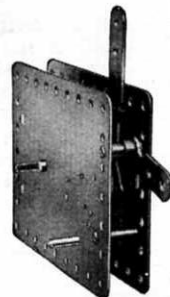
Electric Motor No. 2

(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.

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.



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.



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

HORNBY TRAINS

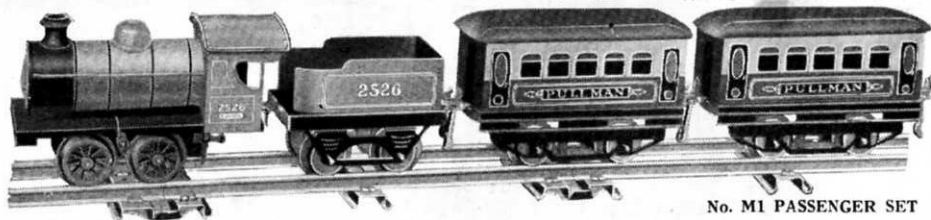
Hornby Trains are manufactured by Meccano Limited and they are made from the finest materials obtainable. Each train is a beautiful piece of workmanship with perfect mechanism. All Hornby Locos are carefully tested before leaving the factory and their efficiency is guaranteed.

No. M 1 Passenger Set

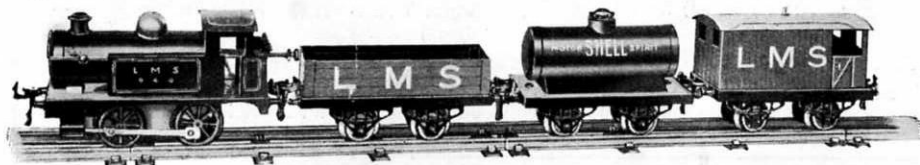
This set contains Loco, Tender, two Pullman Coaches and set of Rails. One of the latter is a brake rail by means of which the train may be braked from the track. Richly coloured and well finished; fitted with brake mechanism; non-reversing. Gauge 0.

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

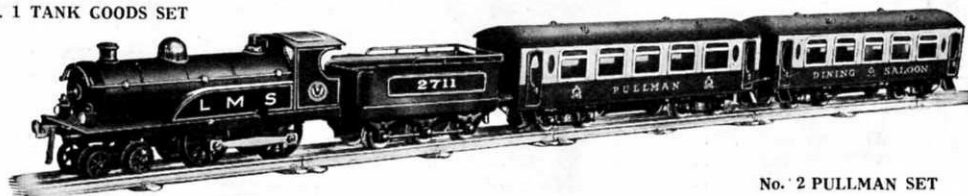
No. 1 Tank Goods Set

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. 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

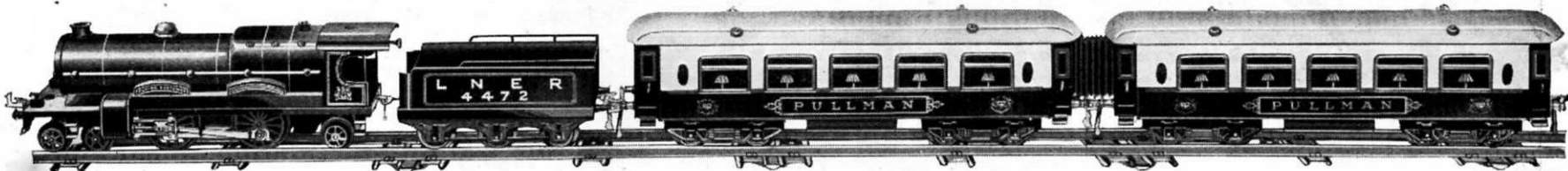
No. 3 Train Sets

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.	Meccano Outfit	\$
No. 00	Meccano Outfit	1.00
" 0	"	1.50
" 1	"	3.00
" 1x	"	6.50
" 2	"	5.00
" 2x	"	8.50
" 3	"	8.00
" 3x	"	11.50
" 4	"	15.00
" 4x	"	18.50
No. 5*	Meccano Outfit (Carton)	20.00
" 5*	" Presentation Outfit	28.50
" 6*	" Outfit (Carton)	37.50
" 6*	" Presentation Outfit	46.50
" 7	"	125.00

ACCESSORY OUTFITS

No.	00A Meccano Accessory Outfit	\$
No. 00A	Meccano Accessory Outfit	0.50
" 0A	"	1.50
" 1A	"	2.00
" 2A	"	3.00
" 3A	"	7.00
" 4A	"	5.00
" 5A*	"	(Carton) 17.50
" 5A*	"	(Wood) 26.00
" 6A	"	70.00
"	Special Inventor's Outfit	5.50

MECCANO MOTORS, Etc.

	\$
Meccano Clockwork Motor	2.50
" Electric Motor No. 1 (4 Volt)	4.50
" " " 2 (100-120 or 200-250 Volt)	10.00
Transformer	3.00
Meccano Accumulator (4 Volt, 8 Amps.)	6.00
" " (4 Volt, 20 Amps.)	8.50
Lamp Board (with lamp holder and switch)	1.75
Resistance Controller (for low voltage motors)	1.00
Rheostat (for high voltage motors)	5.50

* 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. The Nos. 1x, 2x, 3x and 4x Outfits contain the same range of parts as Nos. 1, 2, 3, and 4 Outfits respectively, but in addition an Electric Motor No. 1 (4 Volt) is included.

Hornby Train Price List

No.		\$
No. M1	Passenger Set	2.75
" M2	Passenger Set	3.25
" M3	Goods Set	4.75
Hornby No. 0	Goods Set	5.50
" 0	Passenger Set	6.75
" 1	Goods Set	6.25
* " 1	" fitted for Hornby Control	7.25
* " 1	Passenger Set	7.50
* " 1	" fitted for Hornby Control	8.50
" 2	Goods Set	9.75
* " 2	" fitted for Hornby Control	11.25
" 2	Pullman Set	15.75
* " 2	" fitted for Hornby Control	17.25
* " 1	Tank Goods Set	7.50
* " 1	" fitted for Hornby Control	8.50
" 2	"	12.50

	\$
*Hornby No. 2 Tank Goods Set fitted for Hornby Control	14.00
" " 2 Tank Passenger Set	12.50
* " " 2 " fitted for Hornby Control	14.00
Metropolitan Train Set, H.V. (100-250 Volt, A. or D.C.)	32.00
" " " L.V. (4-Volt Electric)	26.00
* " " " C (Clockwork)	16.50
Riviera " Blue Train " Set No. 3E (4-Volt Electric)	24.00
* " " " 3C (Clockwork)	20.00
*Hornby No. 3C " Cornish Riviera " (Clockwork)	19.00
" " " (Electric)	23.00
* " " 3C " Flying Scotsman " (Clockwork)	19.00
" " " (Electric)	23.00
* " " 3C " Royal Scot " (Clockwork)	19.00
" " " (Electric)	23.00
* " " 3C " Dover Pullman " (Clockwork)	19.00
" " " (Electric)	23.00

* 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	718,404
4,564/15	250,378	671,534	682,934	718,731
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, ½"	6
17. 2" " "	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

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

These are the Meccano Factories and distributing centres.

Meccano Agencies :

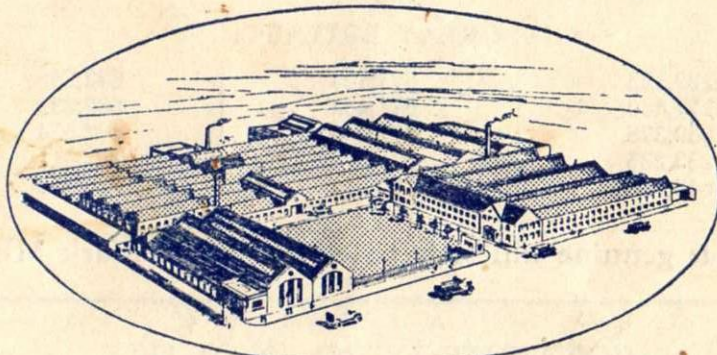
Algiers,	Bogota,
Amsterdam,	Bombay,
Auckland,	Brussels,
Barcelona,	Buenos Aires,
Basle,	Cape Town.

Canadian Office and Warehouse :

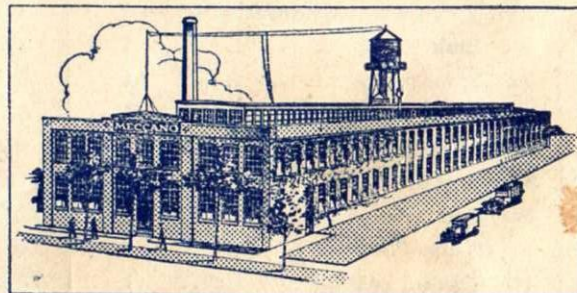
Meccano Ltd.,
45, Colborne Street, Toronto.



Meccano (France) Ltd.,
78-80 Rue Rebeval,
Paris.



Head Office & Factory :
BINNS ROAD, LIVERPOOL



Meccano Company Inc.,
Elizabeth, New Jersey, U.S.A.

Meccano Agencies :

Constantinople,	Malta,
Durban,	Monte Video,
Genoa,	Oslo,
Iquitos,	Stockholm,
Johannesburg,	Sydney.

London Office and Warehouse :

Meccano Ltd.,
Walnut Tree Walk,
Kennington Road, London, S.E.11.



Meccano Ltd.
5/6, Marshall Street,
London, W.1.