

# MECCANO

(TRADE MARKS 298321, 501113, 12633, 10274, 55/13476, 569/13, 884/25, 2913, 4174, 91637, 83171, 157149)

HORNBY'S ORIGINAL SYSTEM—FIRST PATENTED IN 1901

## INSTRUCTIONS

FOR OUTFIT

### No. 0

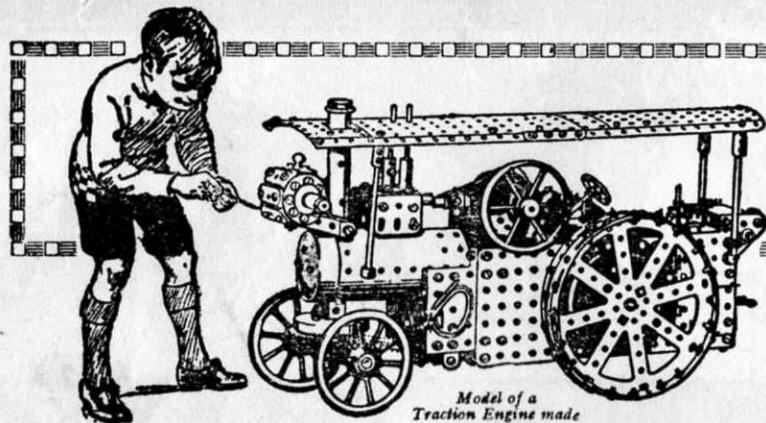


Copyright by MECCANO LIMITED, LIVERPOOL, ENGLAND, throughout the world

No. 30.0

CANADIAN EDITION





Model of a  
Traction Engine made  
entirely of Meccano

## A TALK WITH NEW MECCANO BOYS

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

### HOW TO BUILD WITH MECCANO.

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

### MECCANO ACCESSORY OUTFITS

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

### THE LIFE OF A MECCANO BOY

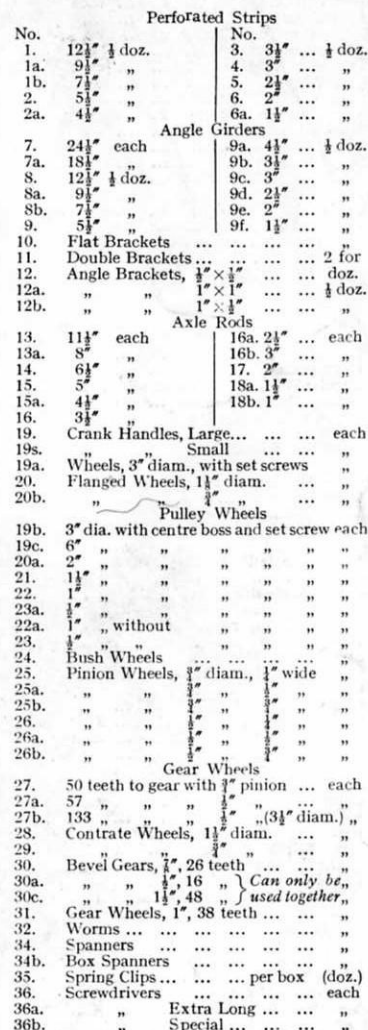
A Meccano boy is the happiest boy in the world. He builds models from the Meccano Instruction books ; invents new models ; enters the Competitions that are always being held in connection with the hobby ; joins the Meccano Guild and a Meccano Club and by wearing the Guild badge proclaims himself to be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

### MECCANO SERVICE

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

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

## Particulars and Prices of Meccano Parts



Ask your dealer for a free illustrated price list.

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

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

\* The series includes 26 funnels in the correct designs and colours of leading shipping companies.  
Ask your dealer for a free illustrated price list.

No.	Part	Price
128.	Boss Bell Cranks	each
129.	Rack Segments, 3" diam.	.. .. .
130.	Eccentrics, Triple Throw	.. .. .
131.	Drager Buckets	.. .. . $\frac{1}{2}$ doz.
132.	Flywheels, 24" diam.	.. .. . each
133.	Crane Wheels	.. .. .
134.	Crank Shafts, 1" stroke	.. .. .
135.	Theodolite Protractors	.. .. .
136.	Handrail Supports	.. .. .
137.	Wheel Flanges	.. .. .
138.	Ships' Funnels	.. .. .
*138a.	(Raked)	.. .. .
139.	Flanged Brackets (right)	.. .. .
139a.	(left)	.. .. .
140.	Universal Couplings	.. .. .
141.	Wire Lines (for suspending clock weights)	.. .. .
142	Rubber Rings, 3" rim	.. .. .
142a.	Dunlop Tyre to fit 2" diam. rim	.. .. .
142b.	" " 3"	.. .. .
142c.	" " 3"	.. .. .
142d.	" " $1\frac{1}{2}$ "	.. .. .
143.	Circular Girders, 5 $\frac{1}{2}$ " diam.	.. .. .
144.	Dog Clutches	.. .. .
145.	Circular Strips, 7" diam. over all	.. .. .
146.	" Plates, 6"	.. .. .
147.	Pawls, with pivot bolt and nuts...	.. .. .
147a.	Pawls	.. .. .
147b.	Pivot Bolt with 2 nuts	.. .. .
148.	Ratchet Wheels	.. .. .
149.	Collecting Shoes, for Electric Locos	.. .. .
150.	Crane Grabs	.. .. .
151.	Pulley Blocks, Single Sheave	.. .. .
152.	" " Two	.. .. .
153.	" " Three	.. .. .
154a.	Corner Angle Brackets, $\frac{1}{2}$ ", right hand	.. .. . $\frac{1}{2}$ doz.
154b.	Corner Angle Brackets, $\frac{1}{2}$ ", left hand	.. .. .
155.	Rubber Rings, $\frac{1}{2}$ "	.. .. . each
156.	Pointers, 2 $\frac{1}{2}$ " over all, with boss	.. .. .
157.	Fans, 2" diam.	.. .. .
158a.	Signal Arms, Home	.. .. .
158b.	" " Distant	.. .. .
159.	Circular Saws	.. .. .
160.	Channel Bearings, $1\frac{1}{2}$ " x $1\frac{1}{2}$ " x $\frac{1}{2}$ "	.. .. .
161.	Girder Brackets, 2" x $1\frac{1}{2}$ " x $\frac{1}{2}$ "	.. .. . 2 for each
162.	Boiler complete with ends	.. .. .
162a.	" ends	.. .. .
162b.	" without ends	.. .. .
163.	Sleeve Pieces	.. .. . per pair
164.	Chimney Adaptors	.. .. . each
165.	Swivel Bearings	.. .. .
166.	Ends	.. .. .
167.	Gearod Roller Bearings	.. .. .
167a.	Roller Races, geared, 192 teeth	.. .. .
167b.	Rim Frames for Rollers	.. .. .
167c.	Pinions for Roller Bearings, 16 teeth	.. .. .
168.	Ball Bearings, 4" diam.	.. .. .
168a.	" Races, flanged disc	.. .. .
168b.	" " toothed	.. .. .
168c.	" Casings, complete with balls	.. .. .
169.	Digger Buckets	.. .. .
170.	Eccentrics, $\frac{1}{4}$ " throw	.. .. .
171.	Socket couplings	.. .. .

PLATES

76

109

53

146

77

61

54

52

72

134 64 166 121 116<sup>A</sup> 144 165

130 19 17 170

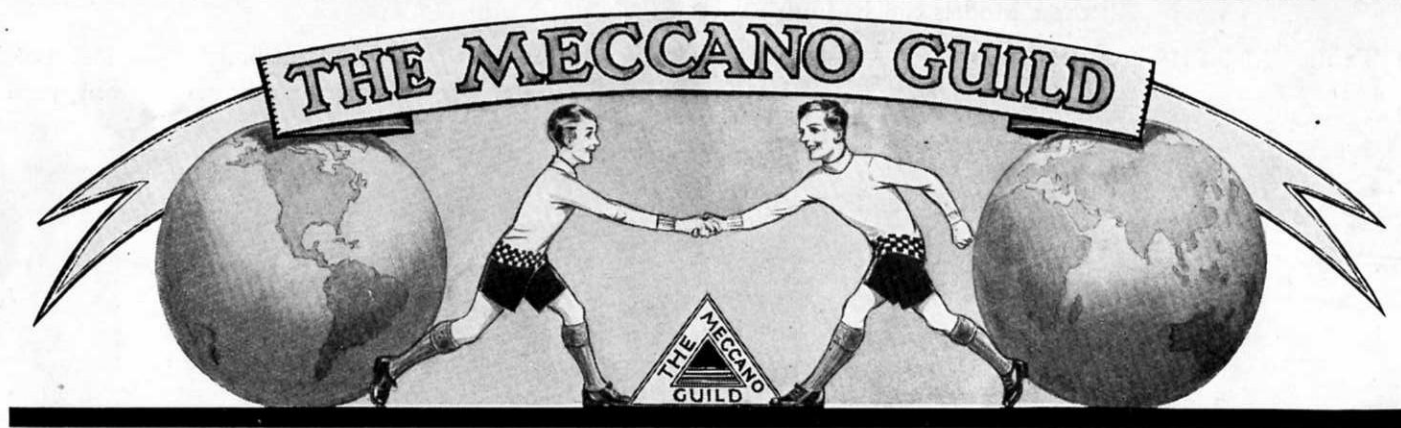
63 63<sup>A</sup> 171 63<sup>B</sup> 63<sup>C</sup>

136 128 62 140 80<sup>A</sup> 62<sup>B</sup> 127 116

This image displays a variety of mechanical parts, each labeled with a number or alphanumeric code:

- 151**: A small hook bolt.
- 152**: A hook bolt with a different head profile.
- 153**: A hook bolt with a flared base.
- 138**: A short cylindrical pin.
- 162**: A long cylindrical roller or bushing.
- 43**: A thin cylindrical rod.
- 138A**: A small cylindrical component.
- 66&67**: A triangular gasket or washer.
- 142A**: A circular ring or flange.
- 41**: A flat oval plate.
- 106**: A threaded rod with a nut.
- 106A**: A textured cylindrical sleeve.
- 169**: A rectangular metal bracket.
- 57**: A U-shaped hook.
- 122**: A small bag-like component.
- 57B**: A hook with a different shape.
- 157**: A fan-shaped gear or impeller.
- 156**: A long screwdriver bit.
- 149**: A long metal bar with a handle.
- 164**: A cylindrical cap or plug.
- 131**: A curved metal piece.
- 142**: An oval-shaped ring.
- 35**: A small key or pin.
- 59**: A small cylindrical part.
- 104**: A long metal bar with a handle.
- 101**: A long thin rod.
- 120**: A small cylindrical part.
- 120A**: A small cylindrical part.
- 158A**: A long metal bar with a handle.
- 159**: A small fan-shaped part.
- 57A**: A small hook.
- 94**: A chain link.
- 34B**: A long metal bar with a handle.
- 150**: A hanging lock mechanism.
- 105**: A long screwdriver bit.
- 65**: A small hook.
- 115**: A small hook.
- 163**: A small cylindrical part.
- 34**: A small wrench.
- 50A**: A small cylindrical part.
- 114**: A small metal fitting.





## WHAT THE GUILD MEANS

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

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

## HOW TO BECOME A MEMBER

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

The price of the Guild membership badge in Canada is 25 cents, post paid. A remittance for this amount should be sent along with the completed form of application, to Meccano Limited, 34, St. Patrick Street, Toronto. The Guild badge is beautifully enamelled in blue and white and is made for wearing in the lapel of the coat.

## MECCANO CLUBS

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

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



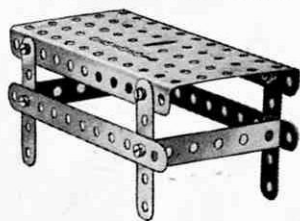
RECRUITING MEDALLION



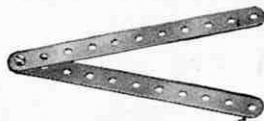
SPECIAL MERIT MEDALLION

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

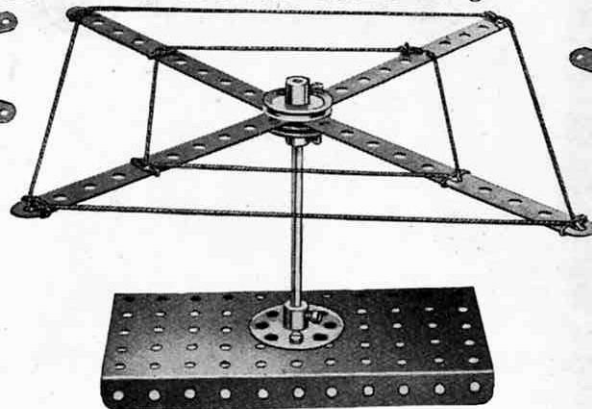
Model No. 00.1 Table



Model No. 00.3 Dividers



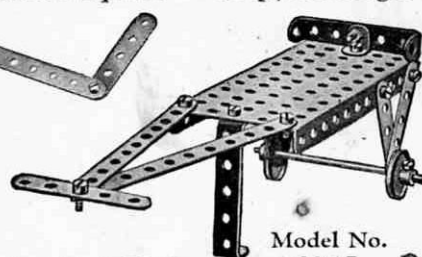
Model No. 00.8 Clothes Hanger



Model No. 00.12  
Carpenter's Square



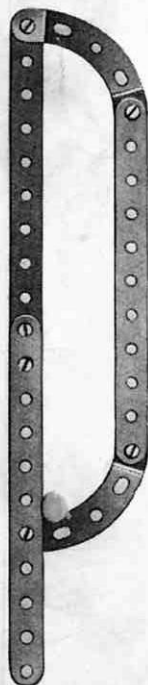
Model No. 00.16  
Shipyards Bogie



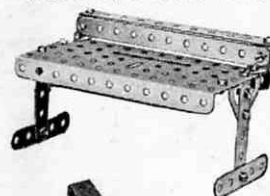
Model No. 00.4  
Bench



Model No. 00.2  
Meat Saw



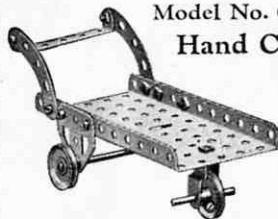
Model No. 00.13 Desk



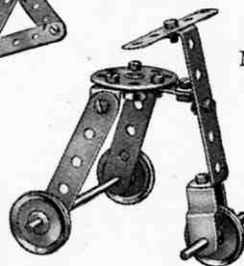
Model No.  
00.17  
Rifle with  
Bayonet



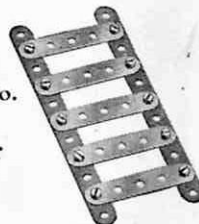
Model No. 00.5  
Hand Cart



Model No. 00.9  
Velocipede



Model No.  
00.10  
Ladder



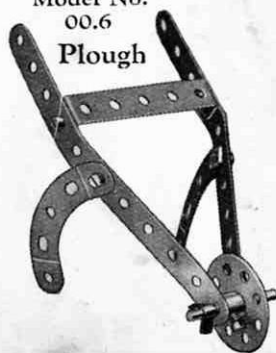
Model No. 00.18  
Farm Sight



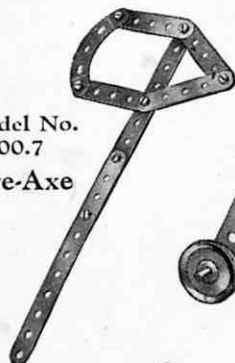
Model No.  
00.14  
Trowel



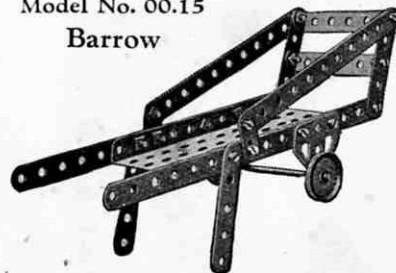
Model No.  
00.6  
Plough



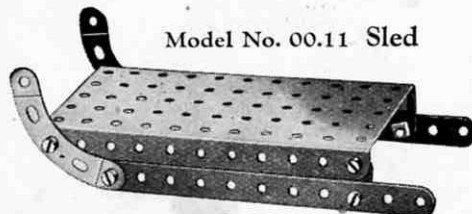
Model No.  
00.7  
Fire-Axe



Model No. 00.15  
Barrow



Model No. 00.11 Sled

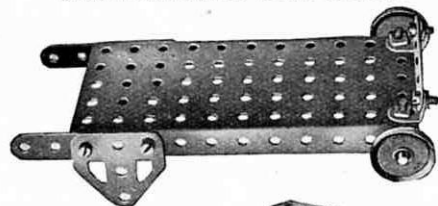




All these Models can be built with MECCANO Outfit No. 00

5

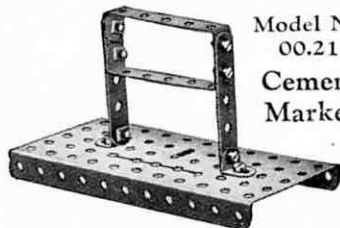
Model No. 00.19 Flat Truck



Model No. 00.20 Spade



Model No. 00.21 Cement Marker



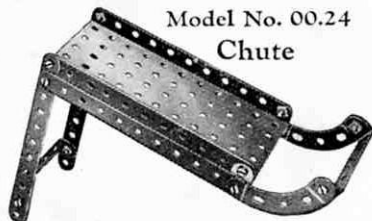
Model No. 00.22 Motor Boat



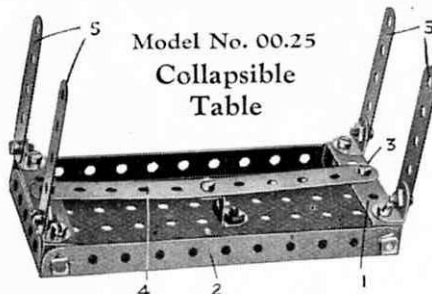
Model No. 00.23 Plasterer's Hawk



Model No. 00.24 Chute



Model No. 00.25 Collapsible Table



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

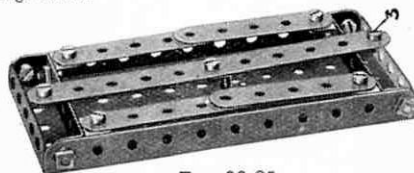
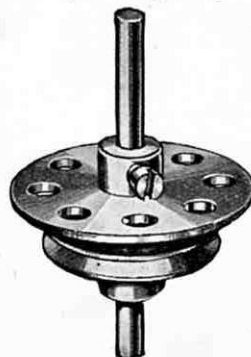
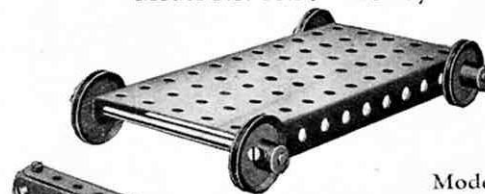


FIG. 00.25A

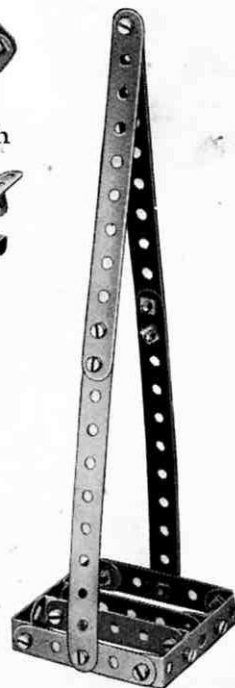
Model No. 00.26 Spinning Top



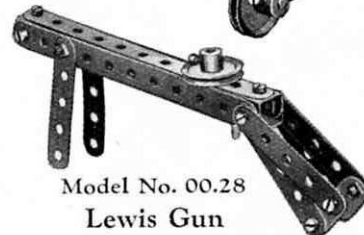
Model No. 00.27 Trolley



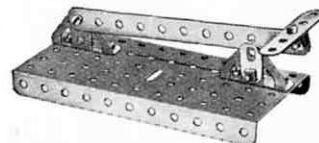
Model No. 00.32 Potato Chopper



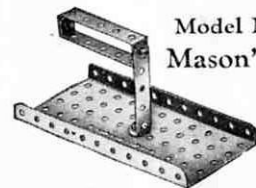
Model No. 00.28 Lewis Gun



Model No. 00.29 Switch



Model No. 00.30 Mason's Trowel

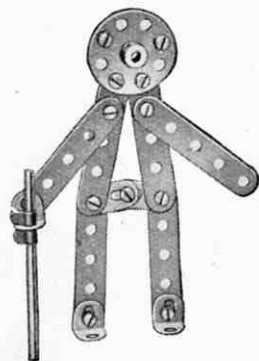


Model No. 00.31 Baggage Cart



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

Model No. 00.33  
Meccano Man

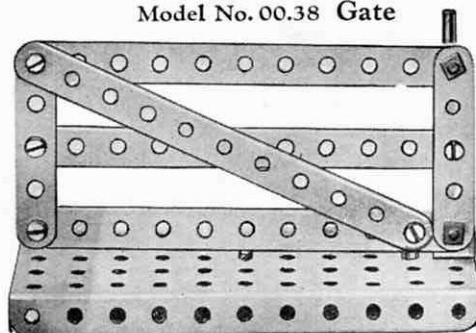


Model No. 00.36  
Cannon

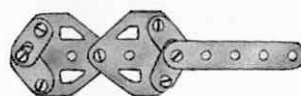


Model No.  
00.37  
Birdcage  
and  
Stand

Model No. 00.38 Gate



Model No. 00.42  
Violin



Model No. 00.43  
Clothes Horse



Model No. 00.44  
Friction Grip Tongs



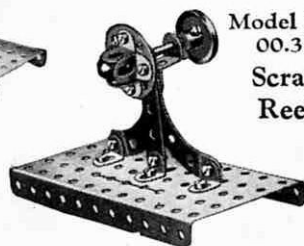
Model No. 00.45  
Rake



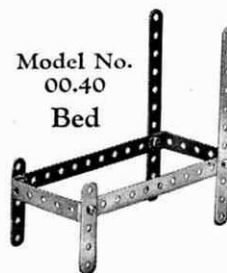
Model No. 00.34  
Track Gauge



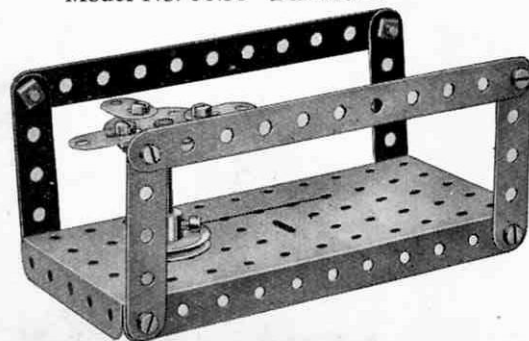
Model No.  
00.39  
Scrap  
Reel



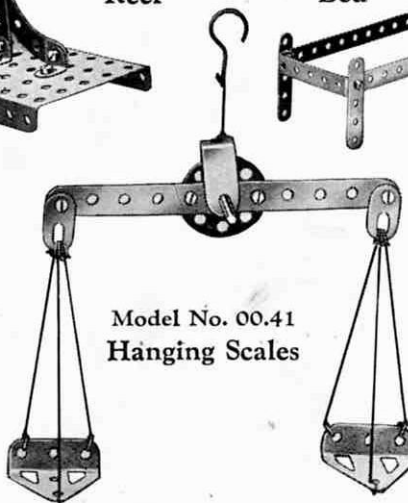
Model No.  
00.40  
Bed



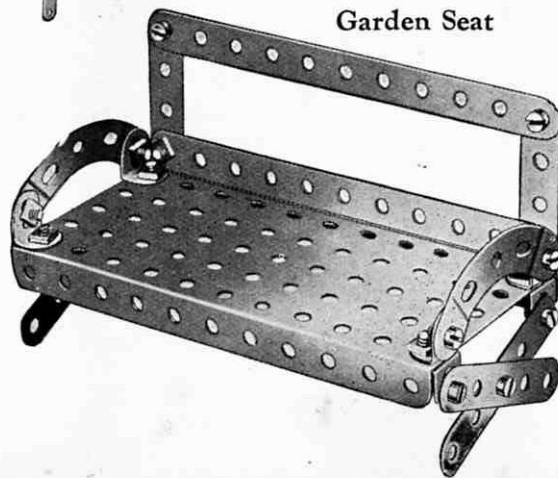
Model No. 00.35 Turnstile



Model No. 00.41  
Hanging Scales



Model No. 00.46  
Garden Seat



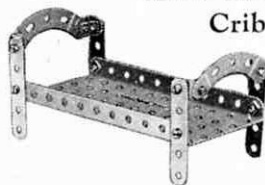


All these Models can be built with MECCANO Outfit No. 00

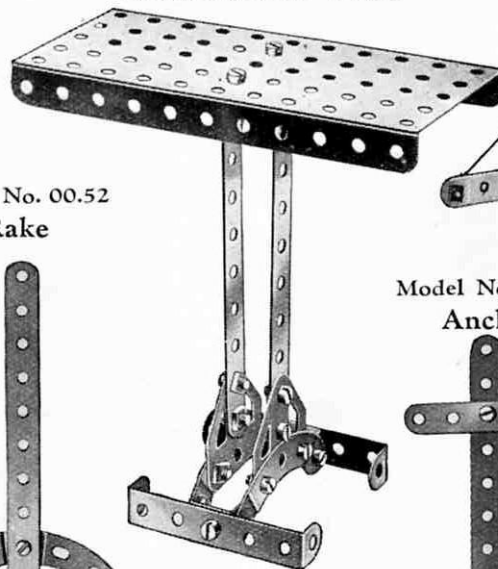
Model No. 00.47  
Step Ladder



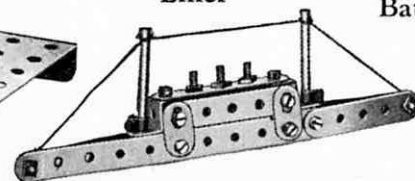
Model No. 00.50  
Crib



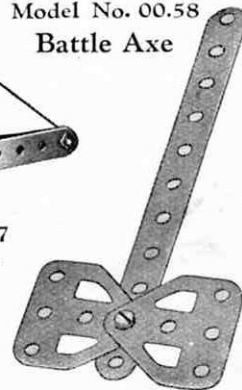
Model No. 00.53 Table



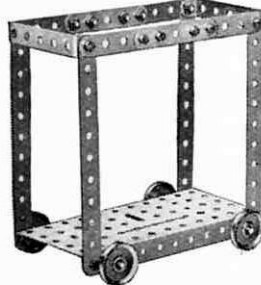
Model No. 00.55  
Liner



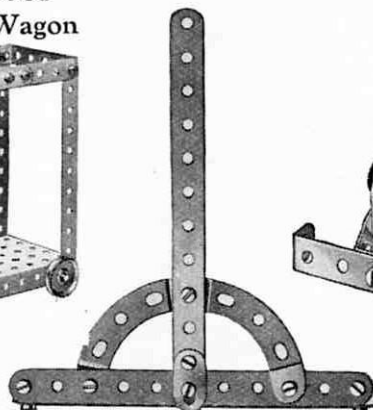
Model No. 00.58  
Battle Axe



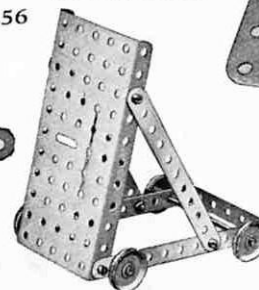
Model No. 00.51  
Refreshment Wagon



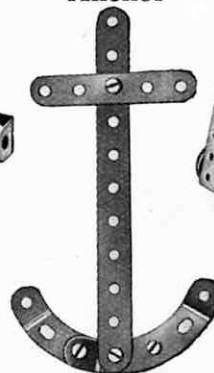
Model No. 00.52  
Rake



Model No. 00.57  
Gravel Sifter



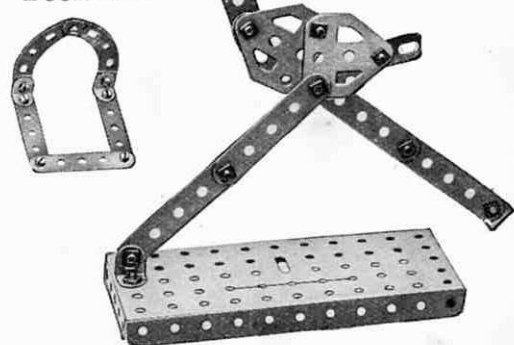
Model No. 00.56  
Anchor



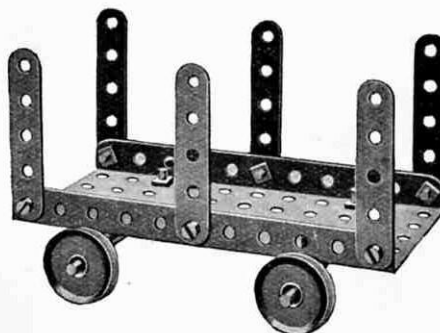
Model No. 00.48  
Ostrich



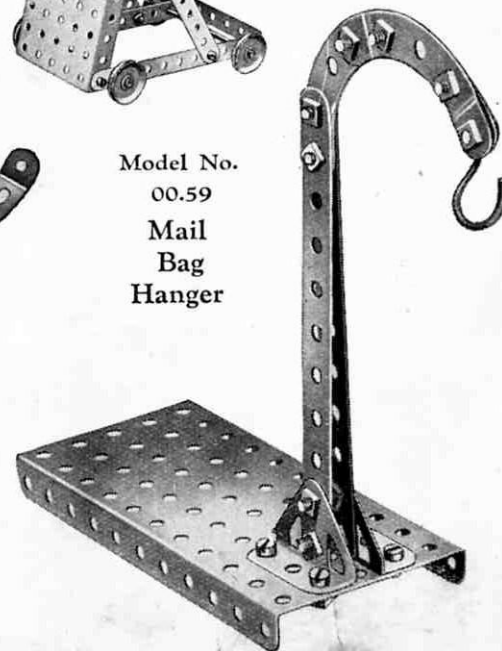
Model No. 00.49  
Book End



Model No. 00.54 Timber Truck

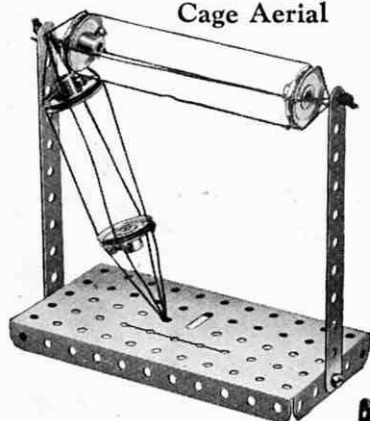


Model No.  
00.59  
Mail  
Bag  
Hanger

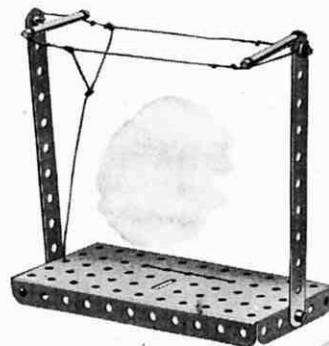


All these Models can be built with MECCANO Outfit No. 00

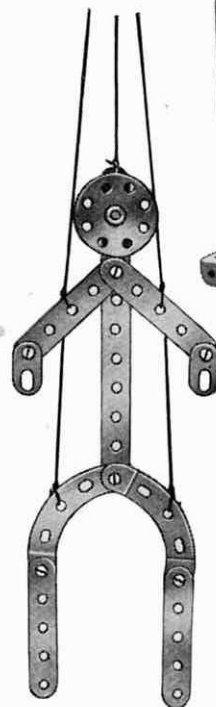
Model No. 00.60  
Cage Aerial



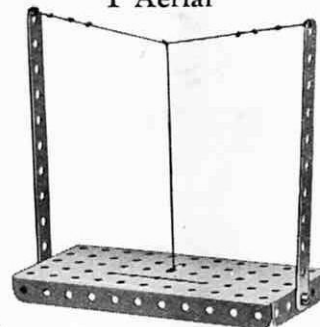
Model No. 00.62 Double Wire  
L Aerial



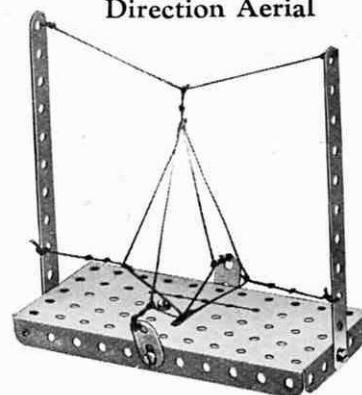
Model No. 00.64  
Jumping Jack



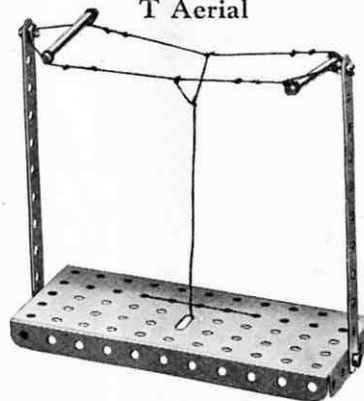
Model No. 00.66  
Single Wire  
T Aerial



Model No. 00.68  
Direction Aerial



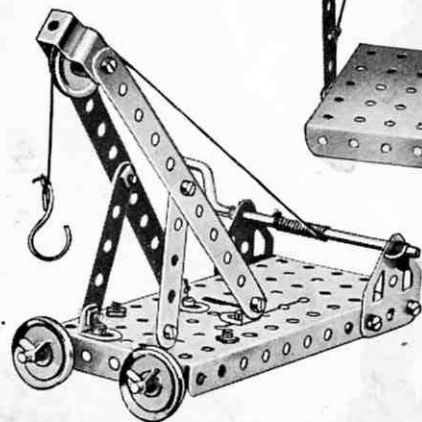
Model No. 00.67  
Double Wire  
T Aerial



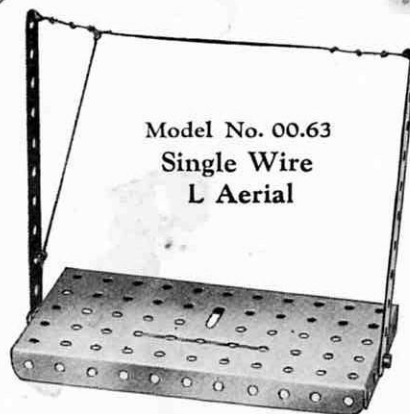
Model No. 00.69  
Swing



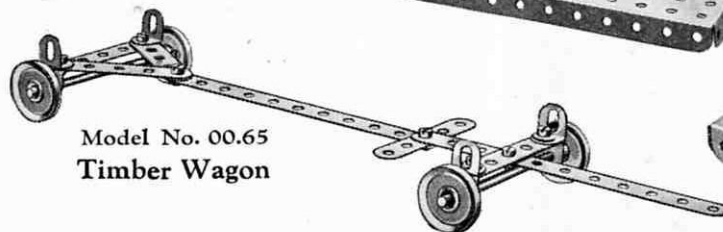
Model No. 00.61  
Revolving Crane



Model No. 00.63  
Single Wire  
L Aerial

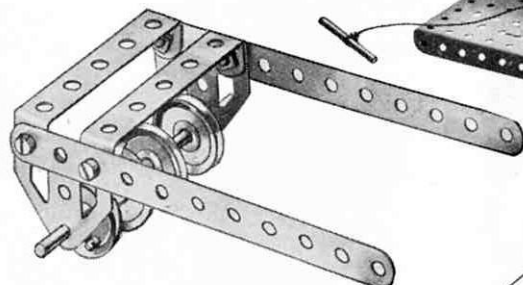
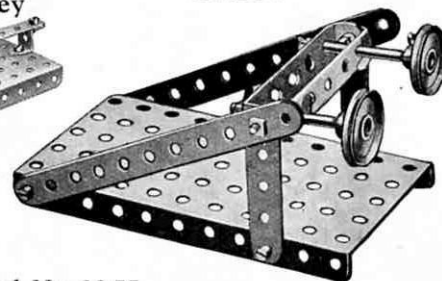
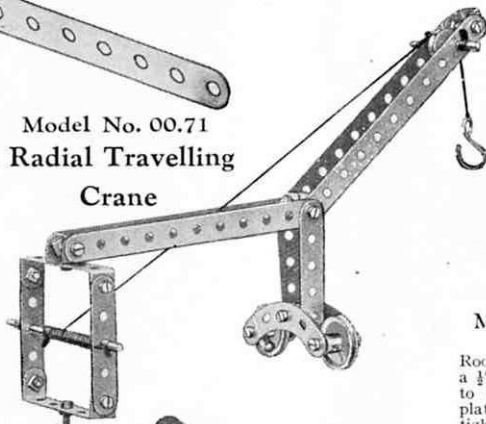
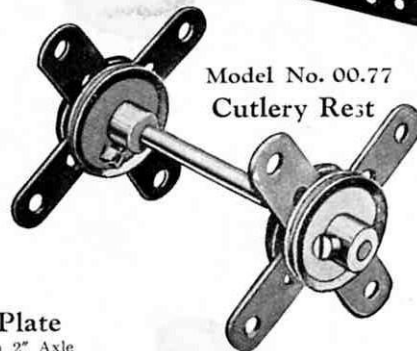
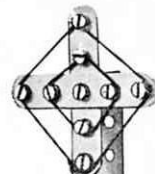


Model No. 00.65  
Timber Wagon



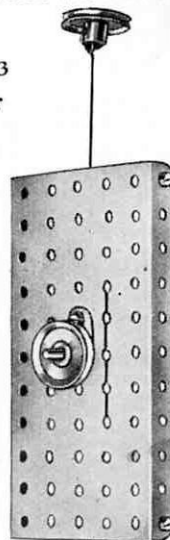
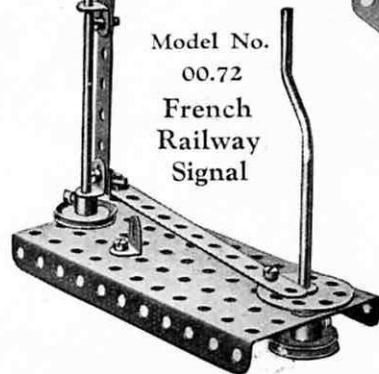
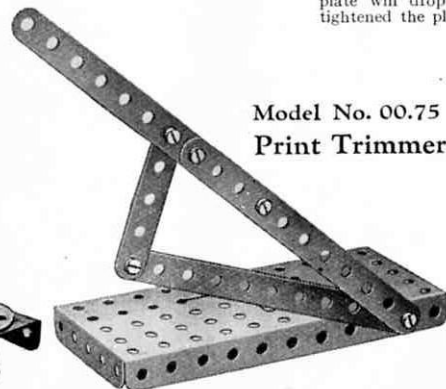
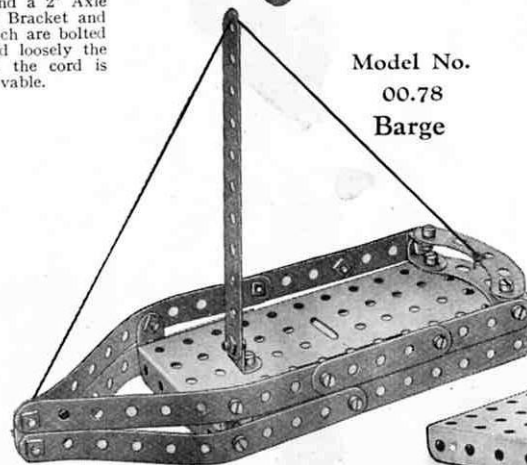


Model No. 00.70 Field Roller

Model No. 00.73  
Cheese CutterModel No. 00.76  
Telegraph KeyModel No. 00.79  
BuffersModel No. 00.71  
Radial Travelling  
CraneModel No. 00.77  
Cutlery RestModel No. 00.80  
Frame Aerial

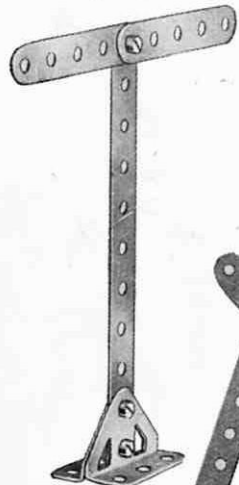
Model No. 00.74 Magic Plate

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

Model No.  
00.72  
French  
Railway  
SignalModel No. 00.75  
Print TrimmerModel No.  
00.78  
Barge

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

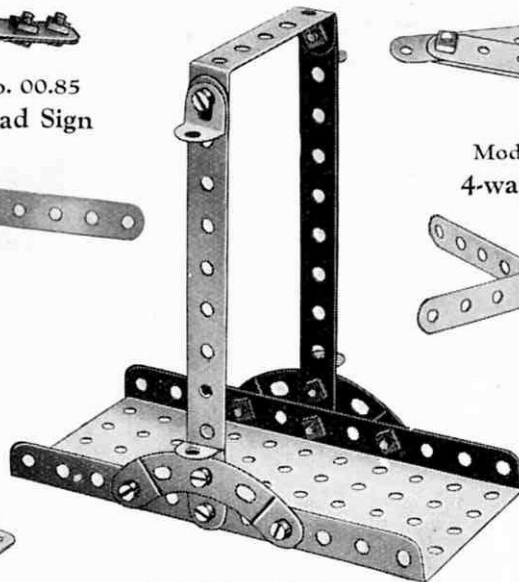
Model No. 00.81  
2-way Sign Post



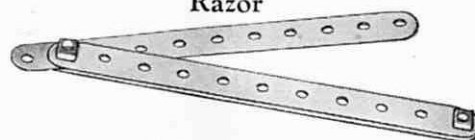
Model No. 00.83 Tweezers



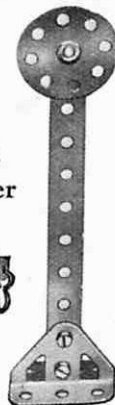
Model No. 00.88  
Elevator Car



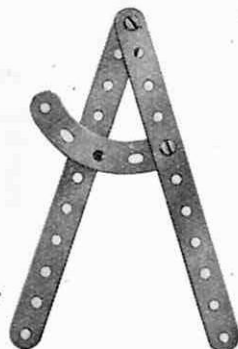
Model No. 00.90  
Razor



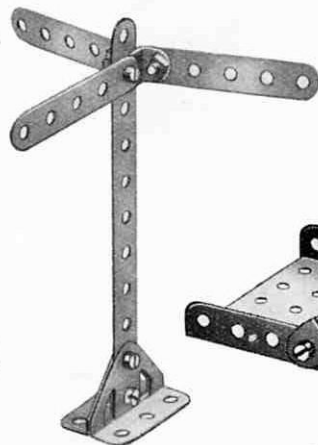
Model No. 00.94  
Road Sign



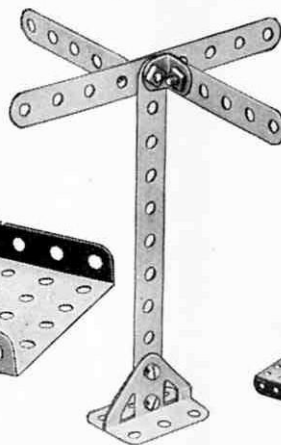
Model No.  
00.84  
Dividers



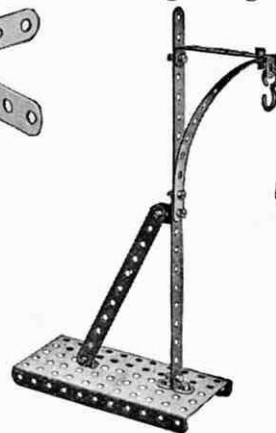
Model No. 00.85  
3-way Road Sign



Model No. 00.91  
4-way Road Sign



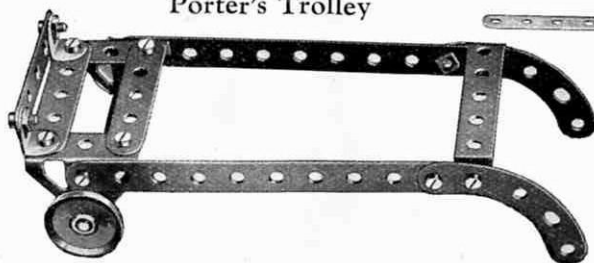
Model No. 00.92  
Mail Bag Hanger



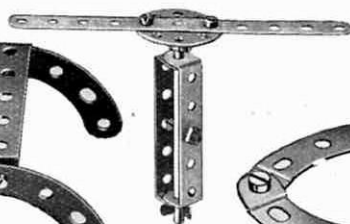
Model No. 00.82  
Tin Opener



Model No. 00.86  
Porter's Trolley



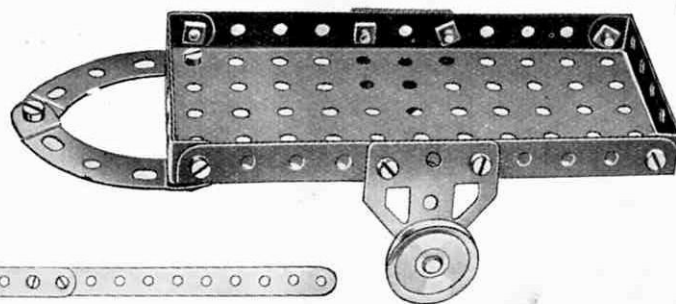
Model No. 00.89  
Propeller



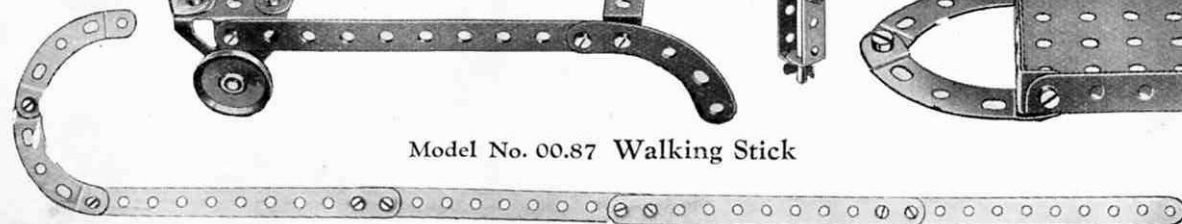
Model No.  
00.95  
Street  
Lamp



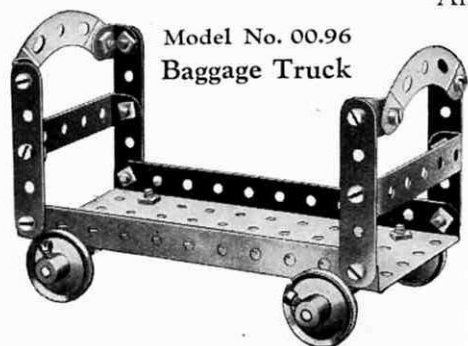
Model No. 00.93 Hand Truck



Model No. 00.87 Walking Stick

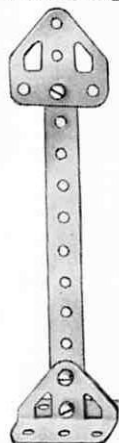


All these Models can be built with MECCANO Outfit No. 00

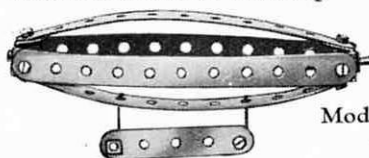


Model No. 00.96  
Baggage Truck

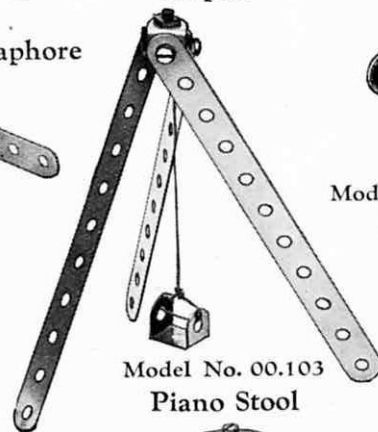
Model No. 00.99  
Road Sign



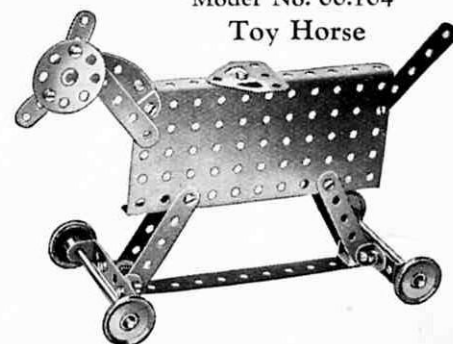
Model No. 00.100 Airship



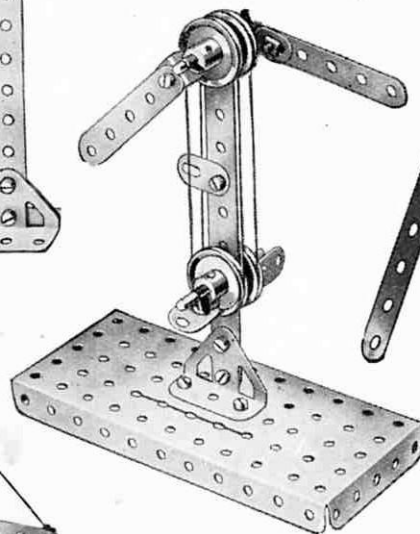
Model No. 00.102  
Tripod



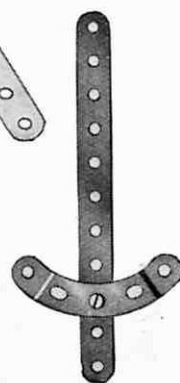
Model No. 00.104  
Toy Horse



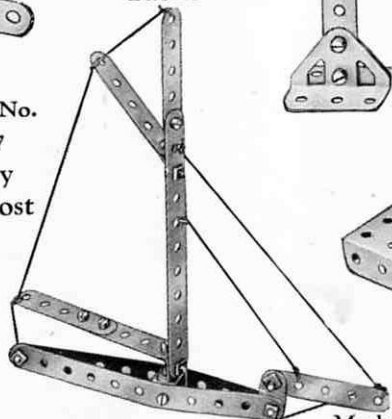
Model No. 00.101 Semaphore



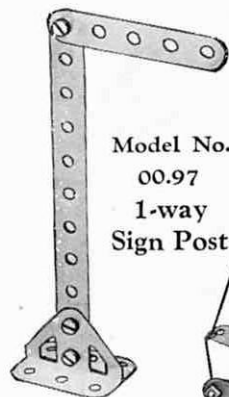
Model No. 00.105 Model No. 00.106  
Sword Umbrella Stand



Model No. 00.98  
Yacht



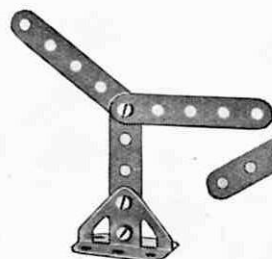
Model No.  
00.97  
1-way  
Sign Post



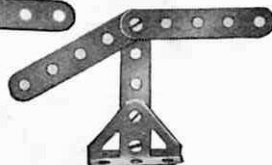
Model No. 00.103  
Piano Stool



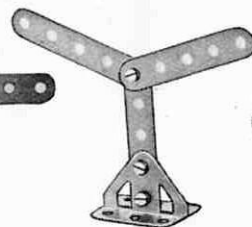
Models Nos. 00.107—00.114 Gradient Indicators



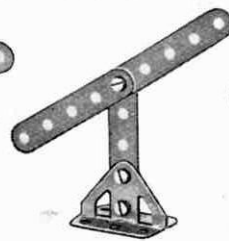
00.107



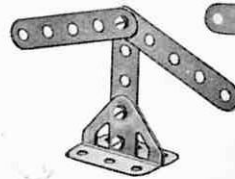
00.108



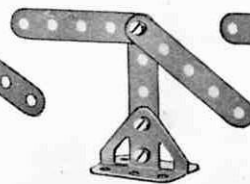
00.109



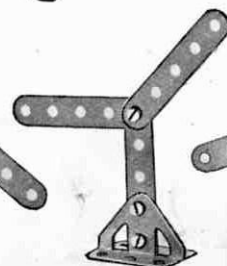
00.110



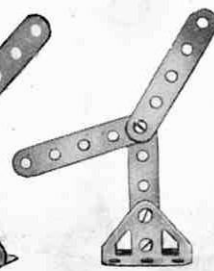
00.111



00.112



00.113

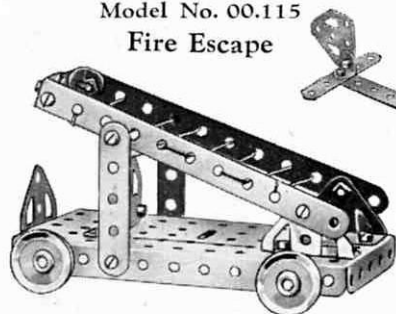


00.114

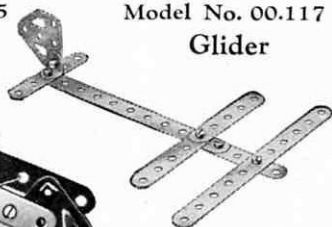


All these Models can be built with MECCANO Outfit No. 00

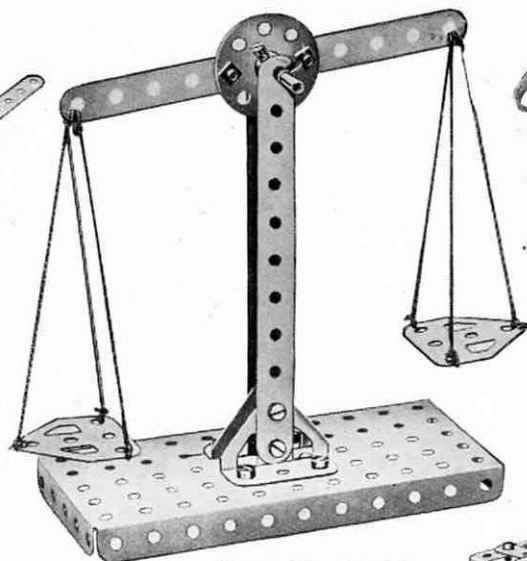
Model No. 00.115  
Fire Escape



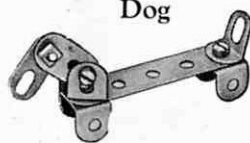
Model No. 00.117  
Glider



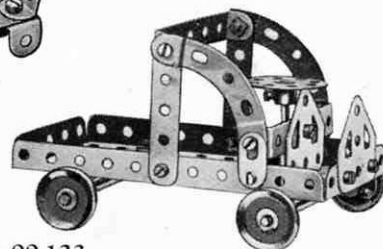
Model No. 00.120 Scales



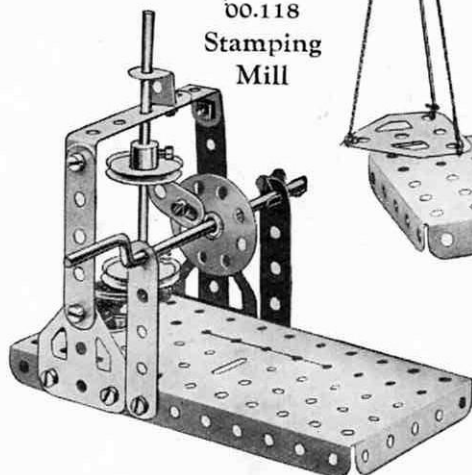
Model No. 00.122  
Dog



Model No. 00.125  
Motor Car



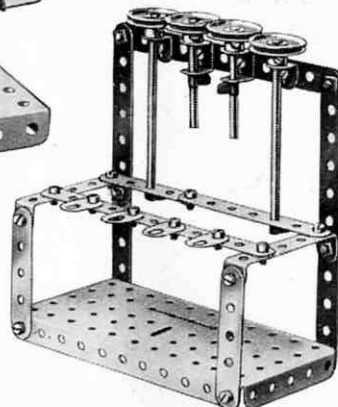
Model No.  
00.118  
Stamping  
Mill



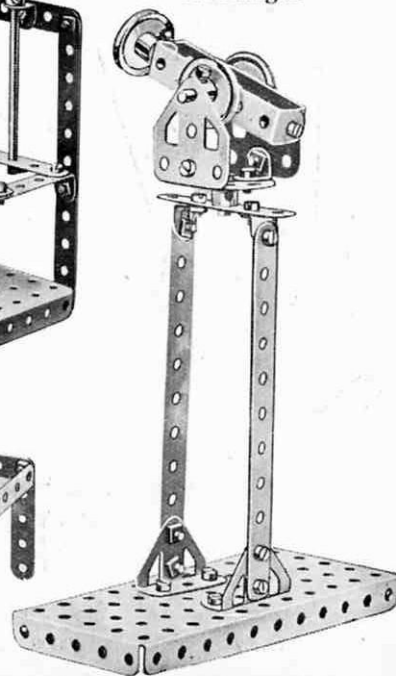
Model No. 00.116  
Telegraph Pole



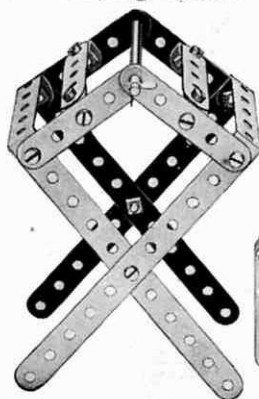
Model No. 00.123  
Organ



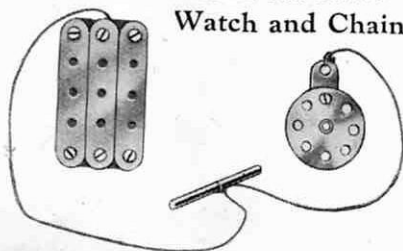
Model No. 00.126  
Searchlight



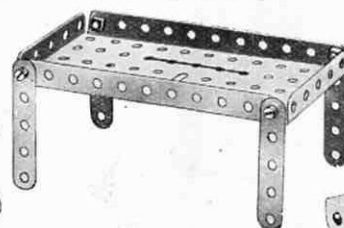
Model No. 00.121  
Clothes  
Drying Frame



Model No. 00.119  
Watch and Chain

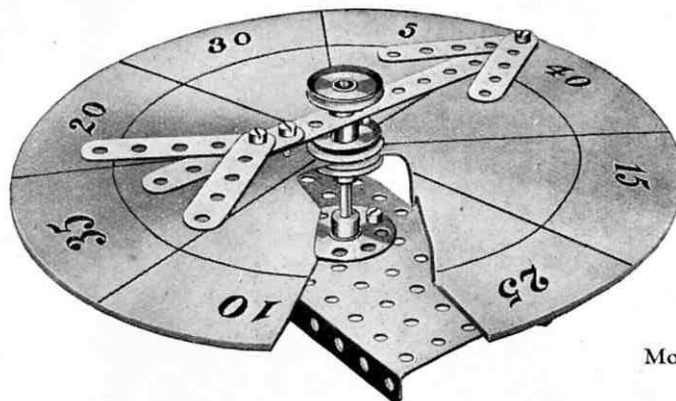


Model No. 00.124  
Drinking Trough



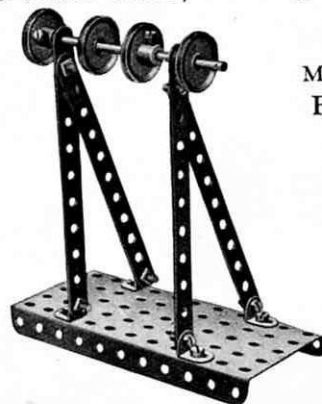
All these Models can be built with MECCANO Outfit No. 00

Model No. 00.132 Roulette Wheel

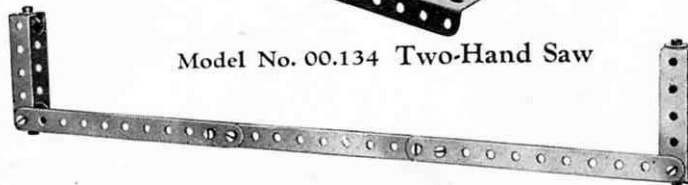


Cut out a circular piece of cardboard and mark as shown to form scoring board. This is clamped between two 1" Pulley Wheels. The pointer revolves freely on the upright spindle and is held in position by another 1" Pulley Wheel.

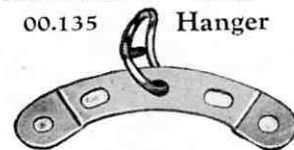
Model No. 00.133 Pulley Shafting



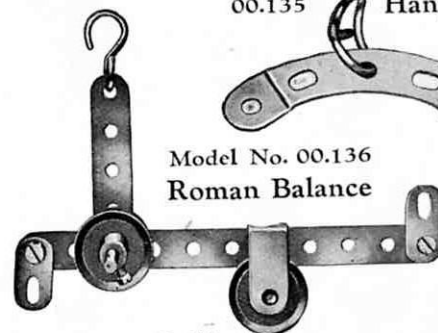
Model No. 00.134 Two-Hand Saw



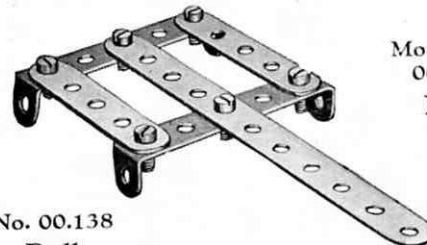
Model No. 00.135 Coat Hanger



Model No. 00.136 Roman Balance



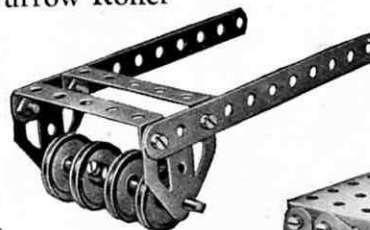
Model No. 00.137 Grill



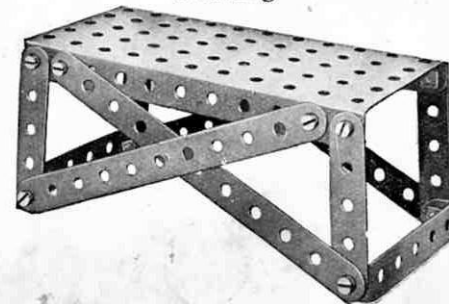
Model No. 00.139 Hoe



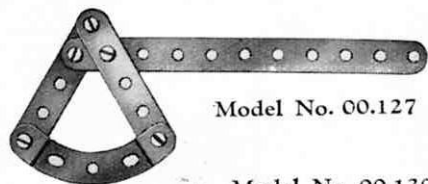
Model No. 00.138 Furrow Roller



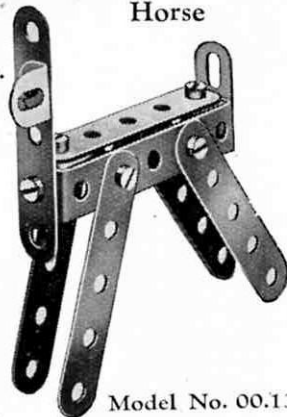
Model No. 00.140 Planing Bench



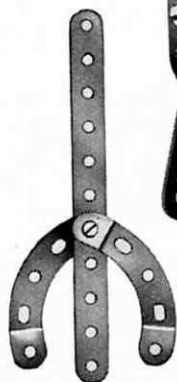
Model No. 00.127 Axe



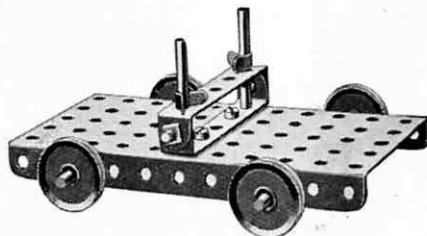
Model No. 00.130 Horse



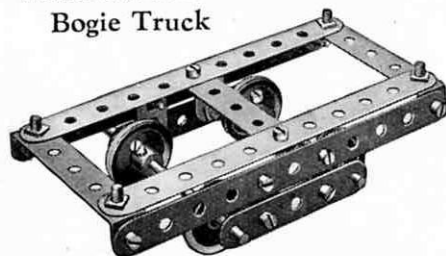
Model No. 00.128 Fork



Model No. 00.131 Lumber Truck

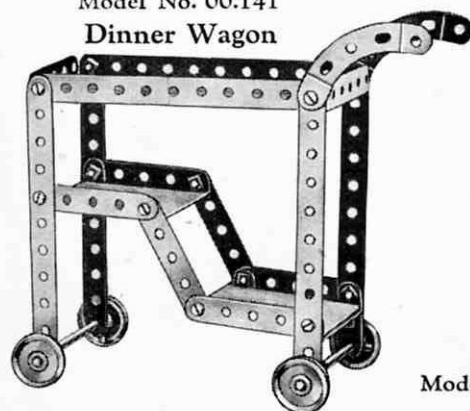


Model No. 00.129 Bogie Truck

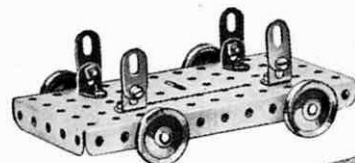


All these Models can be built with MECCANO Outfit No. 00

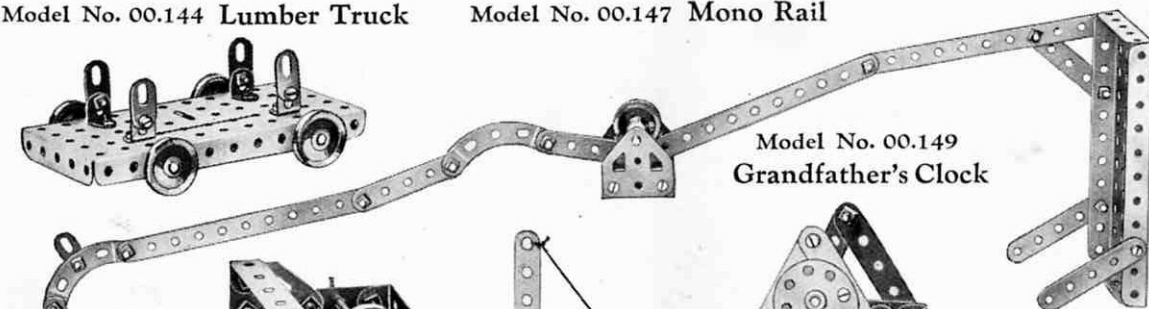
Model No. 00.141  
Dinner Wagon



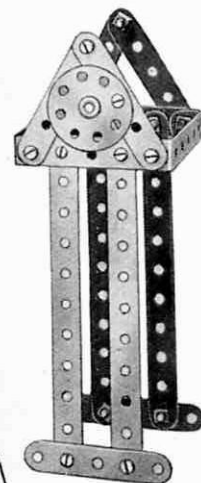
Model No. 00.144 Lumber Truck



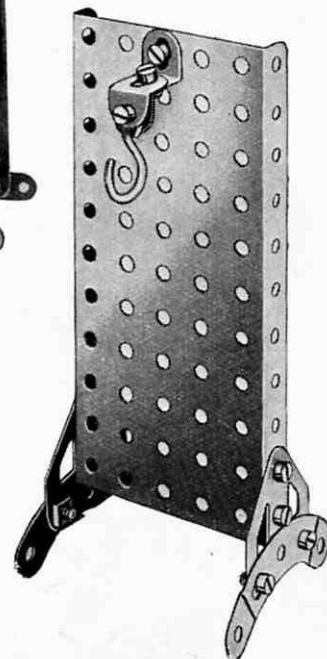
Model No. 00.147 Mono Rail



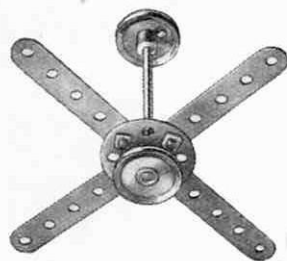
Model No. 00.149  
Grandfather's Clock



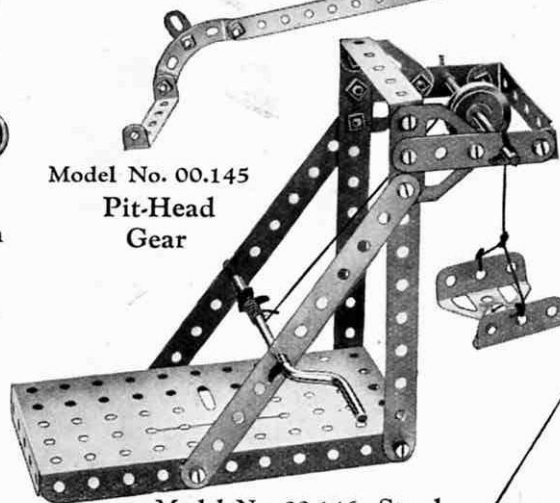
Model No. 00.150  
Watch Stand



Model No. 00.142 Ceiling Fan



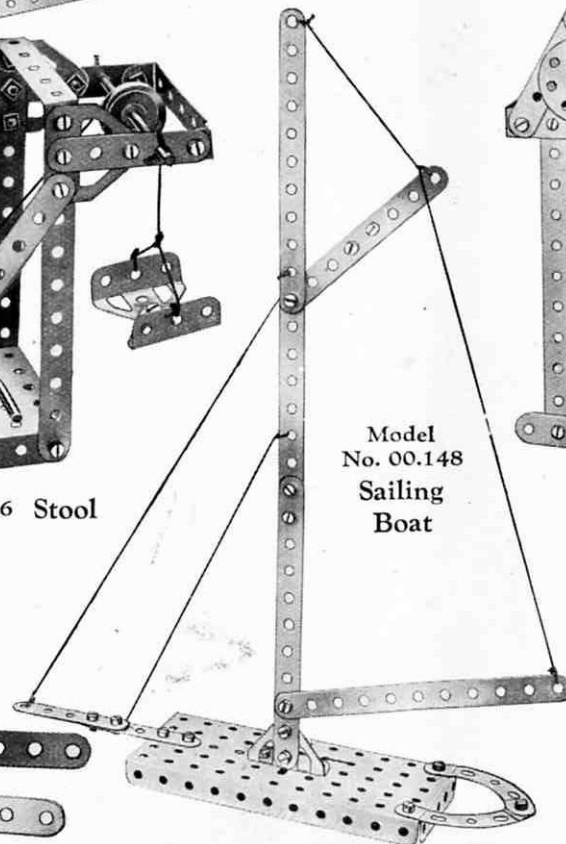
Model No. 00.145  
Pit-Head  
Gear



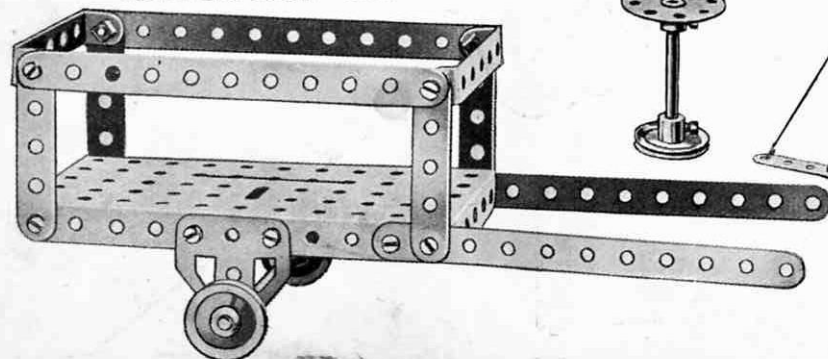
Model No. 00.146 Stool



Model  
No. 00.148  
Sailing  
Boat



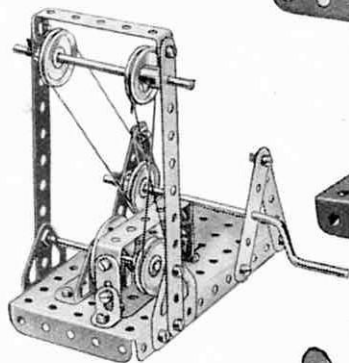
Model No. 00.143 Cart



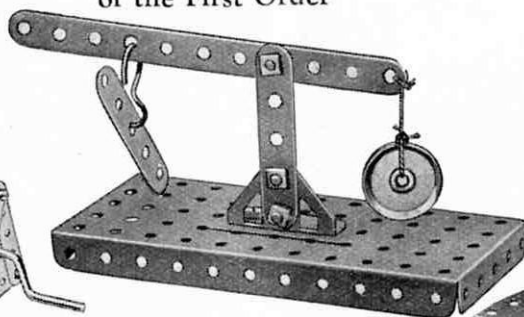


All these Models can be built with MECCANO Outfit No. 00

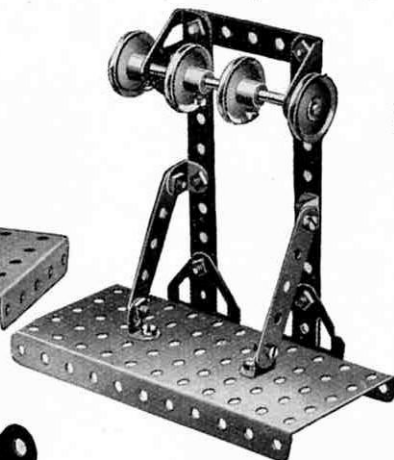
Model No. 00.151  
Circular Saw



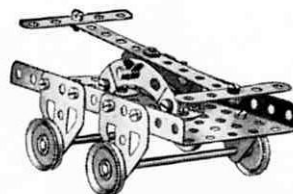
Model No. 00.154 Lever  
of the First Order



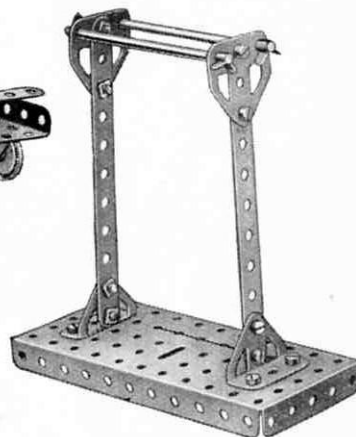
Model No. 00.156 Pulley Shafting



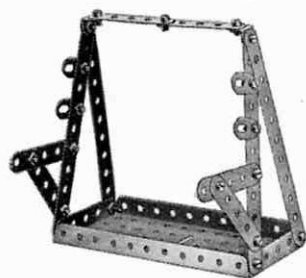
Model No. 00.159  
Hand Car



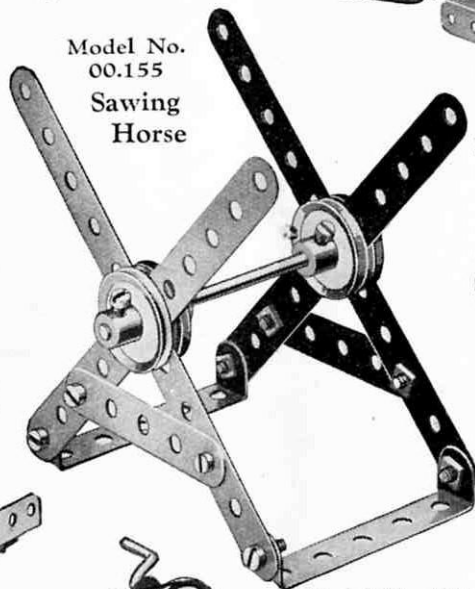
Model No. 00.161  
Towel Horse



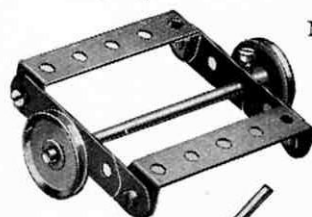
Model No. 00.152  
Pen Rack



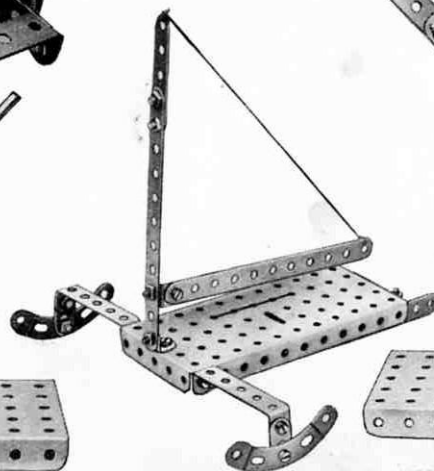
Model No.  
00.155  
Sawing  
Horse



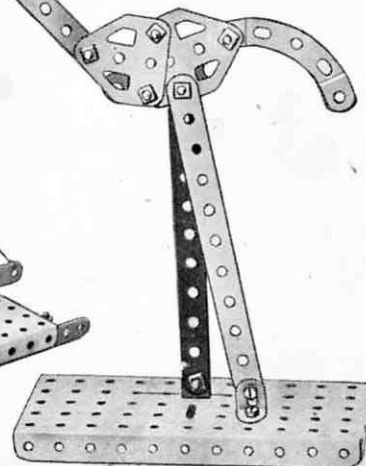
Model No. 00.157  
Trolley



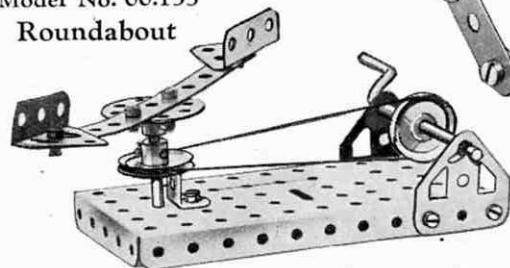
Model No. 00.160  
Ice Yacht



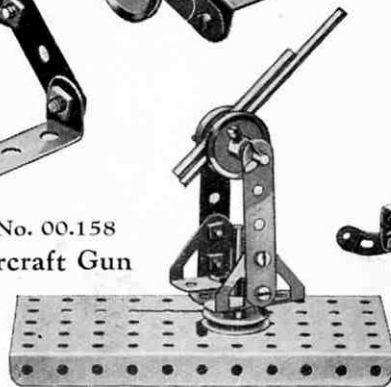
Model No. 00.162  
Prehistoric Bird



Model No. 00.153  
Roundabout

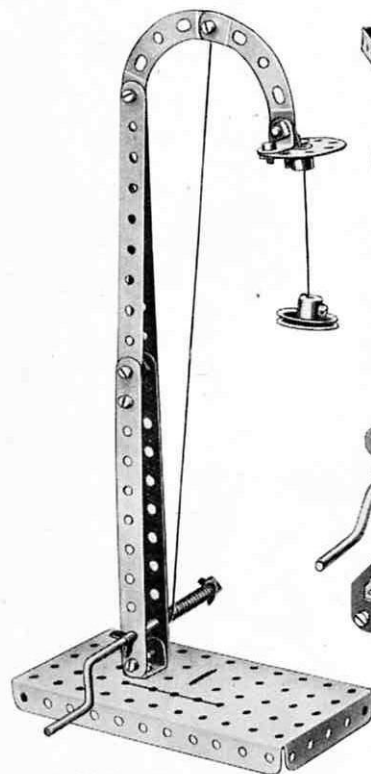


Model No. 00.158  
Anti-Aircraft Gun

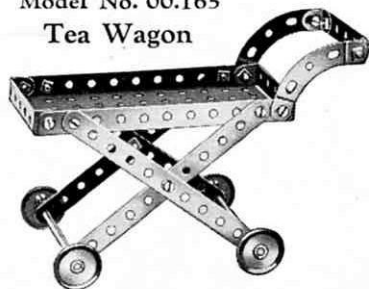


All these Models can be built with MECCANO Outfit No. 00

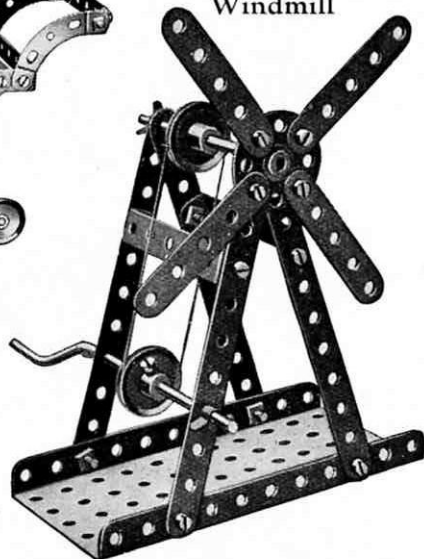
Model No. 00.163  
Arc Lamp



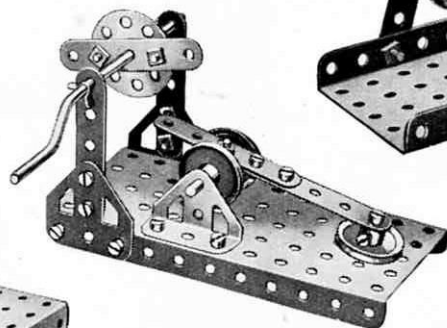
Model No. 00.165  
Tea Wagon



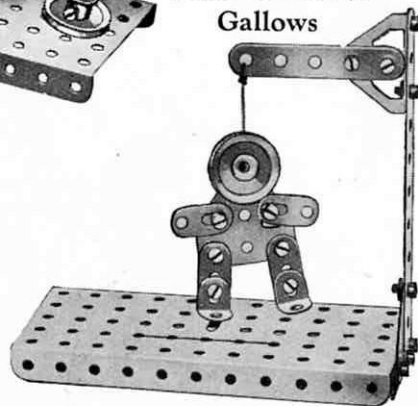
Model No. 00.167  
Windmill



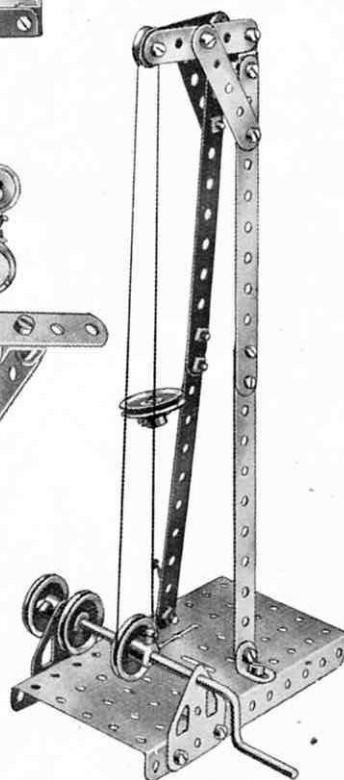
Model No. 00.166  
Trip Hammer



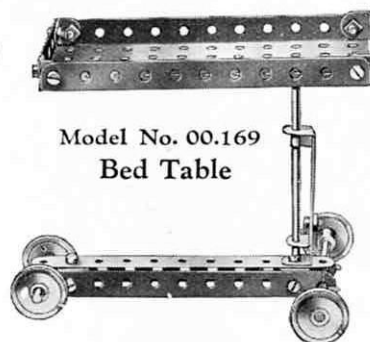
Model No. 00.168  
Gallows



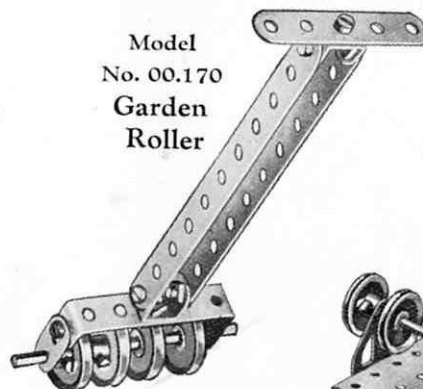
Model No. 00.171  
Airship Mooring Mast



Model No. 00.169  
Bed Table



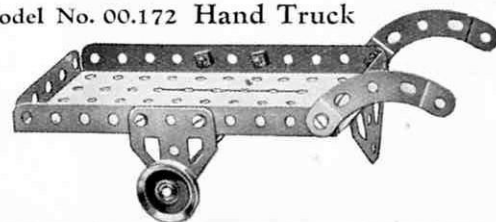
Model  
No. 00.170  
Garden  
Roller



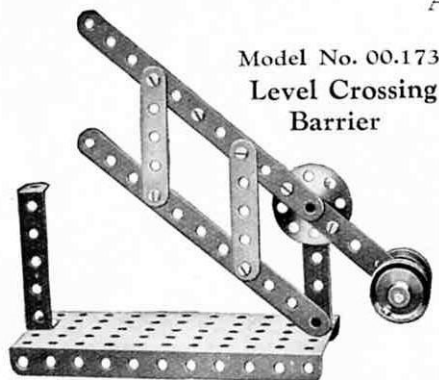
Model No. 00.164  
Bath Chair



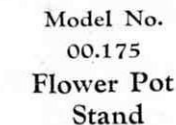
Model No. 00.172 Hand Truck



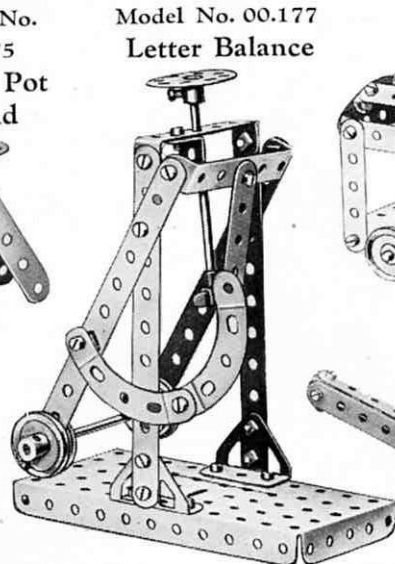
All these Models can be built with MECCANO Outfit No. 00



Model No. 00.173  
Level Crossing  
Barrier



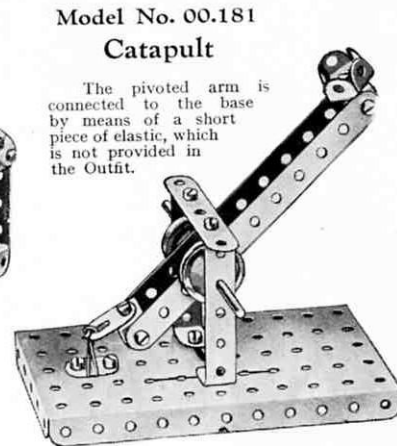
Model No.  
00.175  
Flower Pot  
Stand



Model No. 00.177  
Letter Balance

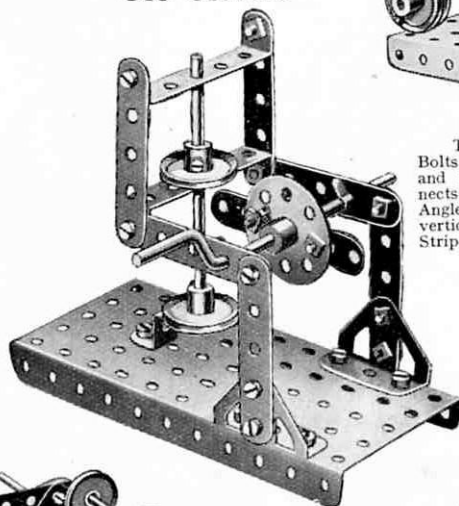


Model No. 00.179  
Pullman Car

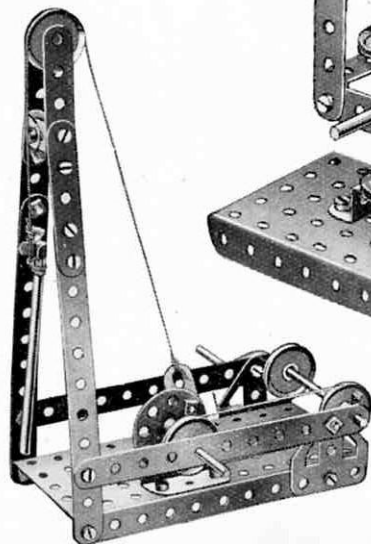


Model No. 00.181  
Catapult

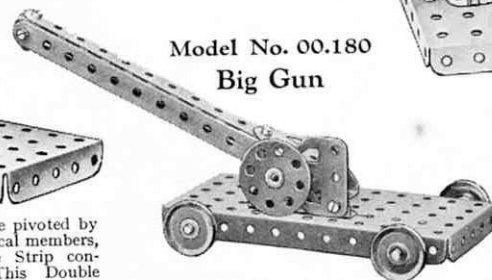
Model No. 00.176  
Ore Crusher



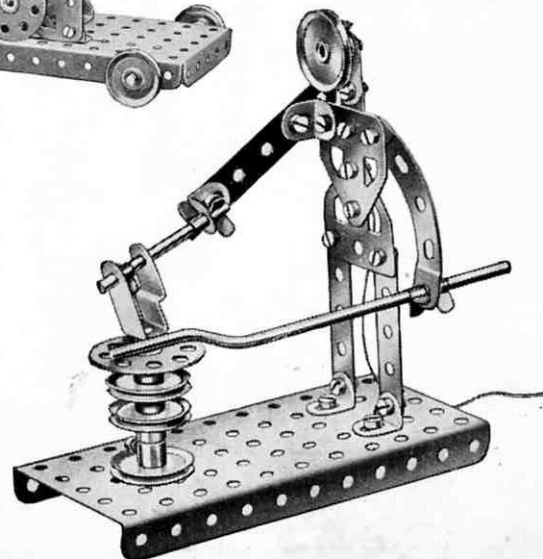
Model No. 00.174  
Well Driller



Model No. 00.180  
Big Gun

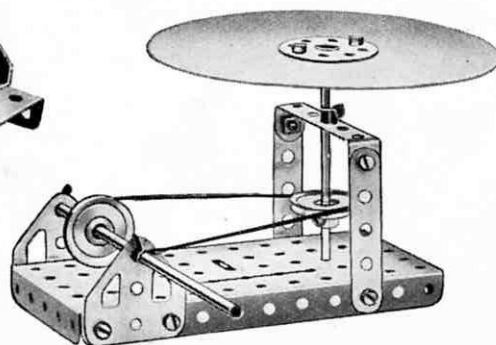


Model No. 00.182  
Blacksmith



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

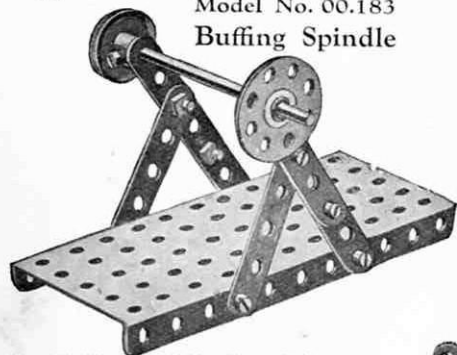
Model No. 00.178 Joy Wheel



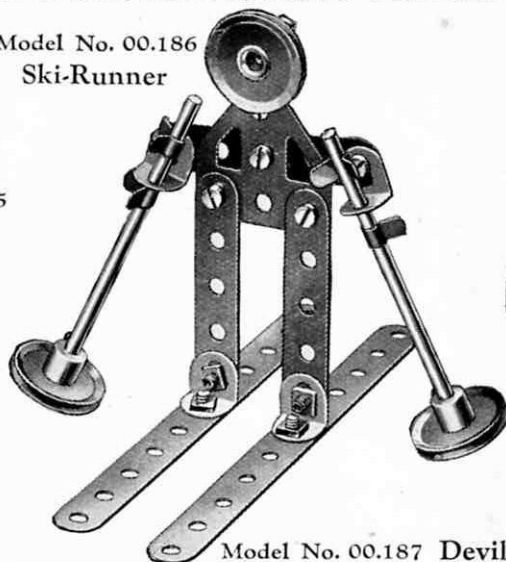


All these Models can be built with MECCANO Outfit No. 00

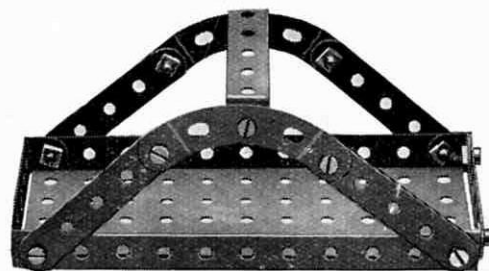
Model No. 00.183  
Buffing Spindle



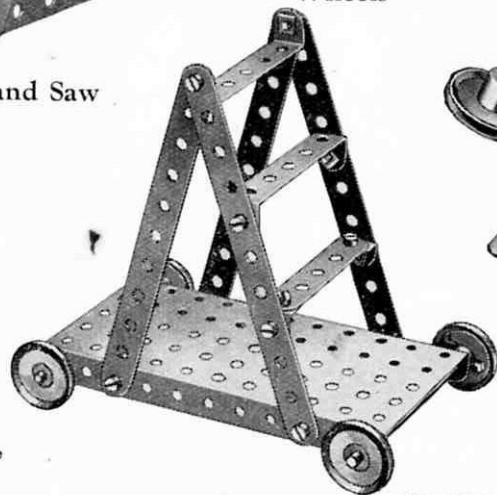
Model No. 00.186  
Ski-Runner



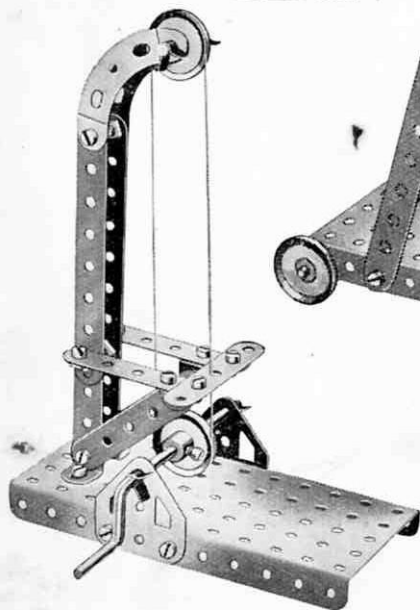
Model No. 00.189 Cutlery Basket



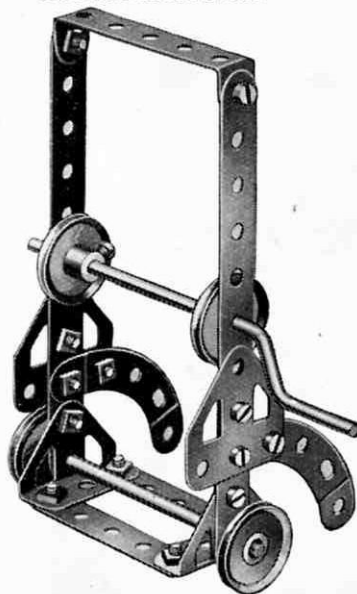
Model No. 00.185  
Ladder on  
Wheels



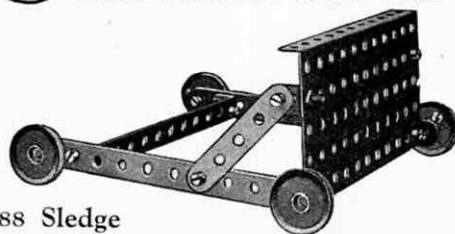
Model No. 00.184 Band Saw



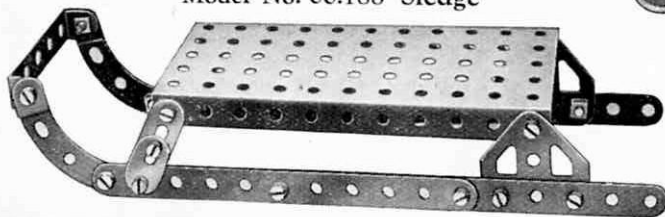
Model No. 00.190  
Garden Hose Reel



Model No. 00.187 Devil Wall



Model No. 00.188 Sledge



### HOW TO CONTINUE

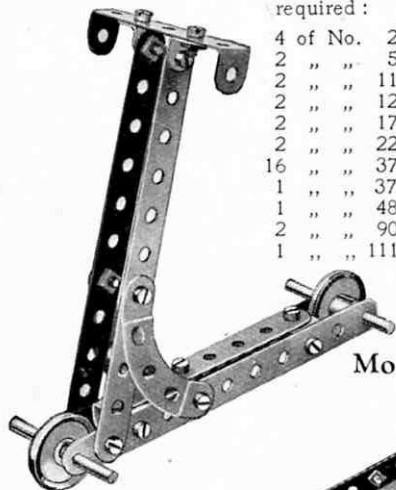
This completes our examples of models that may be made with MECCANO Outfit No. 00. The next models are a little more advanced, requiring a number of extra parts to construct them. The necessary parts are all contained in a No. 00A Accessory Outfit, the price of which will be found in the list at the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

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

### Model No. 0.1 Scooter

Parts  
required:

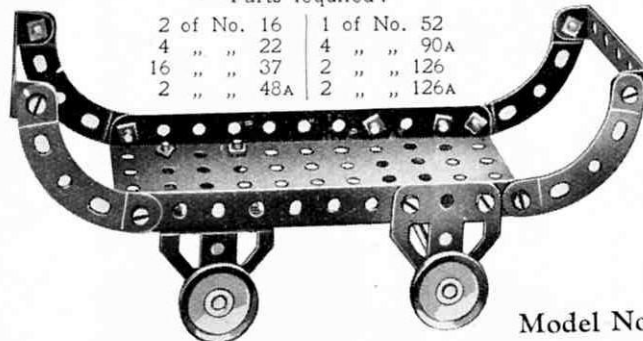
4 of No.	2
2 " "	5
2 " "	11
2 " "	12
2 " "	17
2 " "	22
16 " "	37
1 " "	37A
1 " "	48A
2 " "	90A
1 " "	111c



### Model No. 0.4 Push Cart

Parts required:

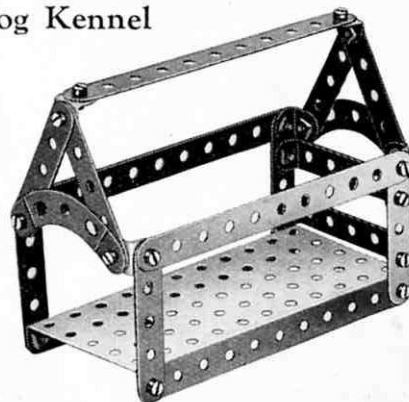
2 of No.	16	1 of No.	52
4 " "	22	4 " "	90A
16 " "	37	2 " "	126
2 " "	48A	2 " "	126A



### Model No. 0.7 Dog Kennel

Parts  
required:

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

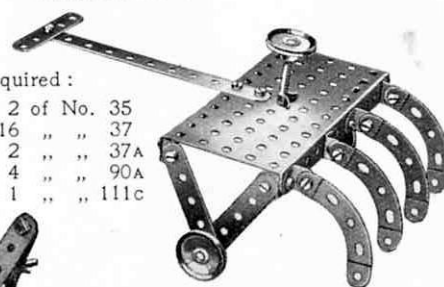
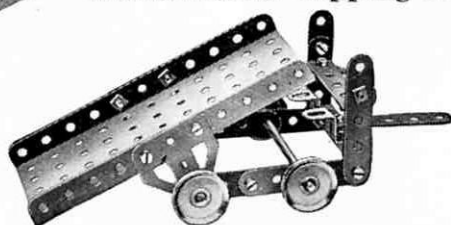


### Model No. 0.3 Tipping Cart

### Model No. 0.5 Horse Rake

Parts required:

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



### Model No. 0.8 Chaff Cutter

Parts required:

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

### Model No. 0.2 Luggage Truck

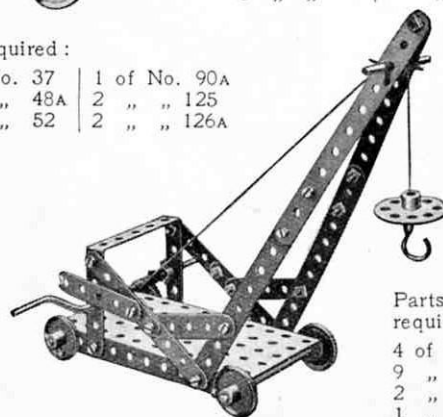
Parts  
required:

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



Parts required:

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

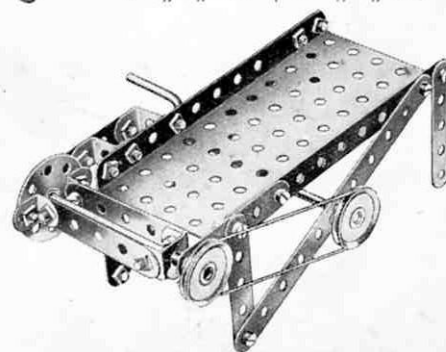


### Model No. 0.6 Jib Crane

Parts  
required:

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

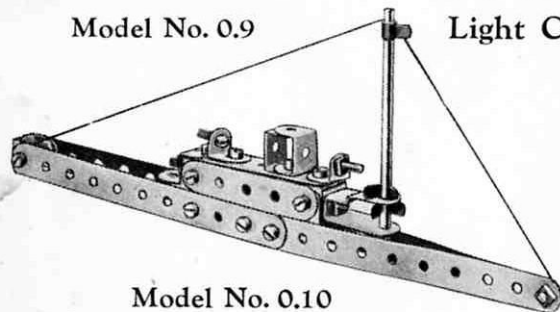
1 of No.	19s
4 " "	22
1 " "	23
1 " "	24
4 " "	35
16 " "	37
1 " "	37A
1 " "	40
1 " "	48A
1 " "	52
1 " "	57
1 " "	111c



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

Model No. 0.9

Light Cruiser



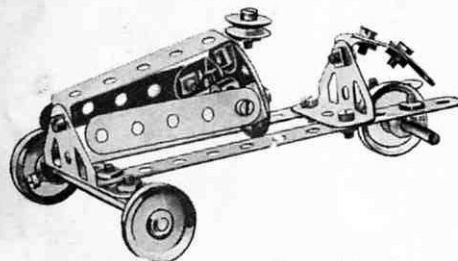
Parts  
required :

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

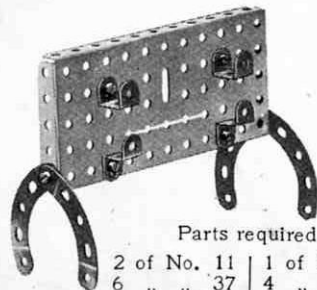
Model No. 0.10  
Three-Wheel Auto

Parts required :

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



Model No. 0.11 Pen Rack



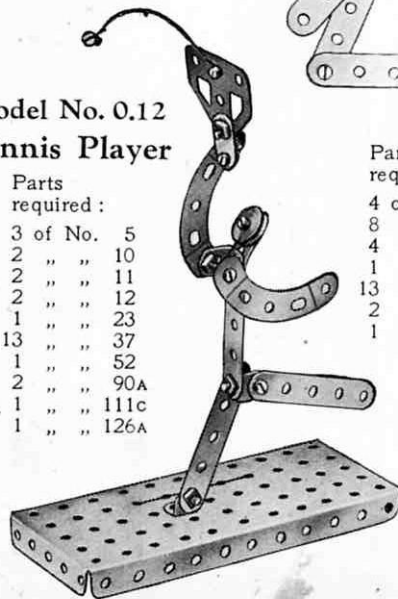
Parts required :

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

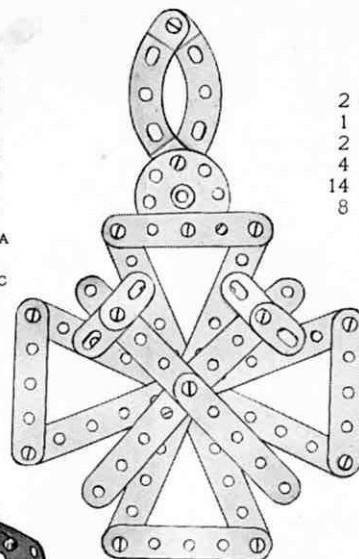
Model No. 0.12  
Tennis Player

Parts  
required :

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



Model No. 0.13 Medal



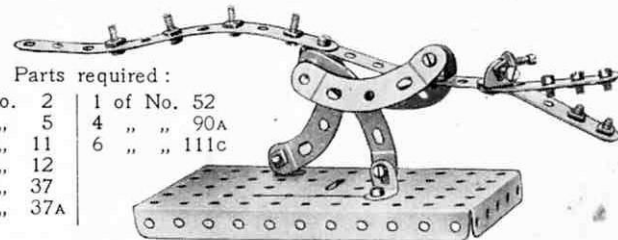
Parts  
required :

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

Model No. 0.14 Prehistoric Bird

Parts required :

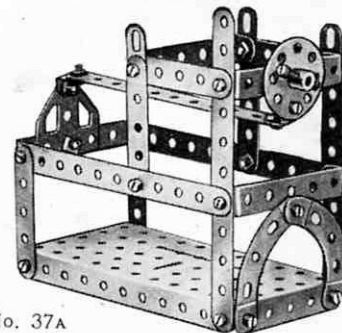
2 of No.	2	1 of No.	52
1 " "	5	4 " "	90A
2 " "	11	6 " "	111c
4 " "	12		
14 " "	37		
8 " "	37A		



Model No. 0.16 Church

Parts required :

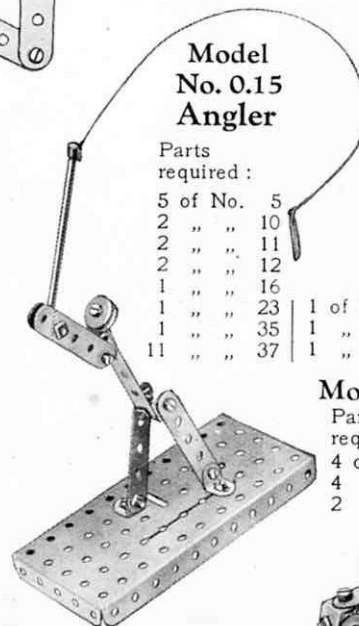
4 of No.	2	2 of No.	12	6 of No.	37A	2 of No.	90A
8 " "	5	1 " "	24	4 " "	48A	6 " "	111c
3 " "	10	16 " "	37	1 " "	52	1 " "	126A



Model  
No. 0.15  
Angler

Parts  
required :

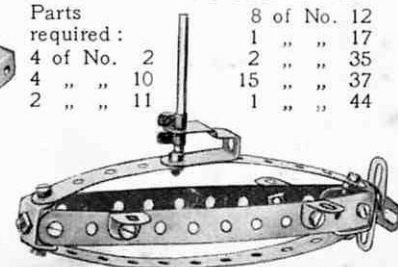
5 of No.	5
2 " "	10
2 " "	11
2 " "	12
1 " "	16
1 " "	23
1 " "	35
11 " "	37
1 of No.	37A
1 " "	52
1 " "	111c



Model No. 0.17 Submarine

Parts  
required :

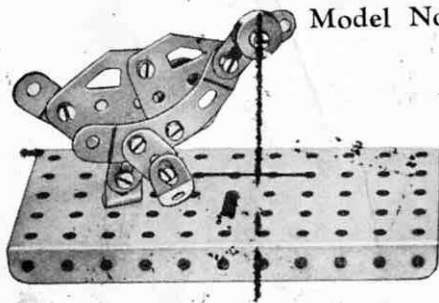
4 of No.	2	8 of No.	12
4 " "	10	1 " "	17
2 " "	11	2 " "	35
		15 " "	37
		1 " "	44





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

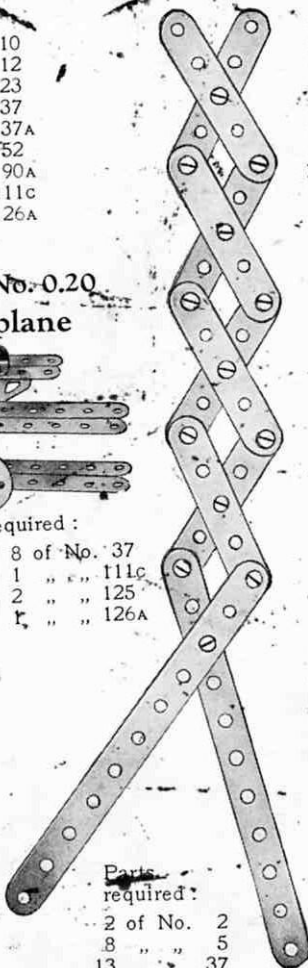
Model No. 0.18 Goose



Parts required:

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

Model No. 0.22  
Lazy Tong



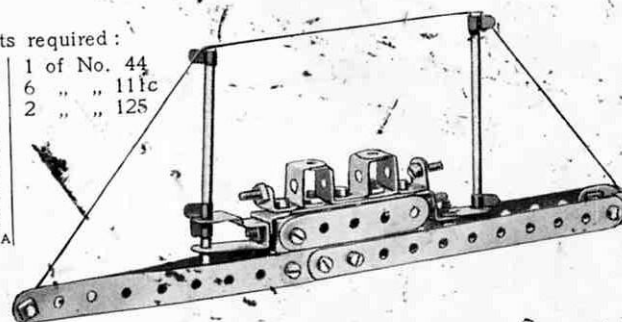
Parts required:

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

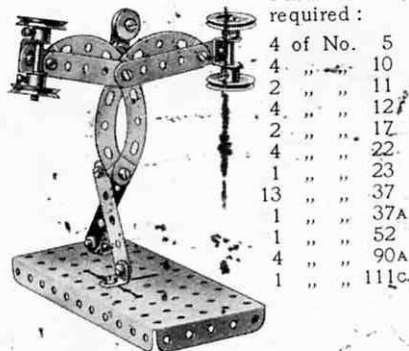
Parts required:

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

Model No. 0.23 Battleship



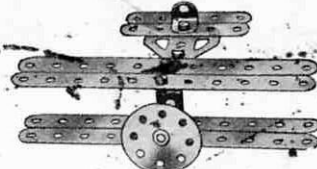
Model No. 0.19 Strong Man



Parts required:

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

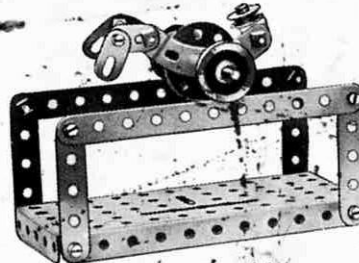
Model No. 0.20  
Aeroplane



Parts required:

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

Model No. 0.24 Gymnast



Parts required:

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

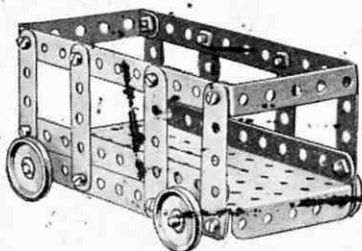
Model No. 0.25  
Rocking Horse

Parts required:

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



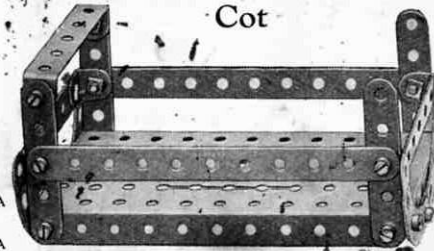
Model No. 0.21 Cattle Truck



Parts required:

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

Model No. 0.26  
Cot

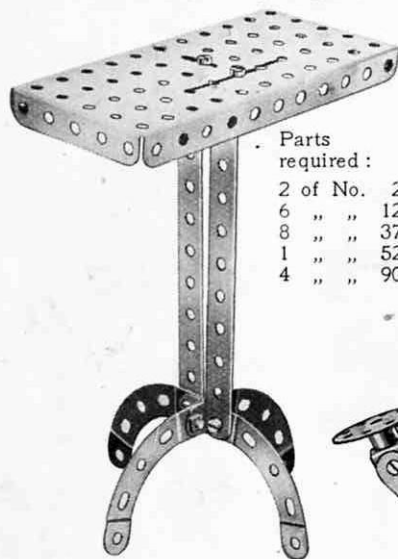


Parts required:

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

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

Model No. 0.27 Table

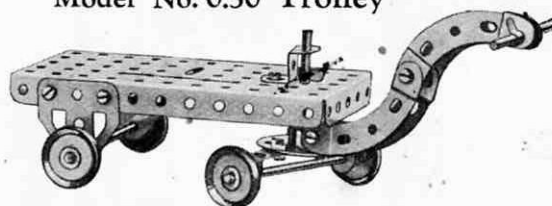


Parts required:  
 2 of No. 2  
 6 " " 12  
 8 " " 37  
 1 " " 52  
 4 " " 90A

Model No. 0.29 Saxophone

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

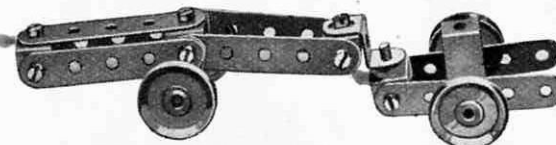
Model No. 0.30 Trolley



Parts required:

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

Model No. 0.31 Field Gun and Carriage

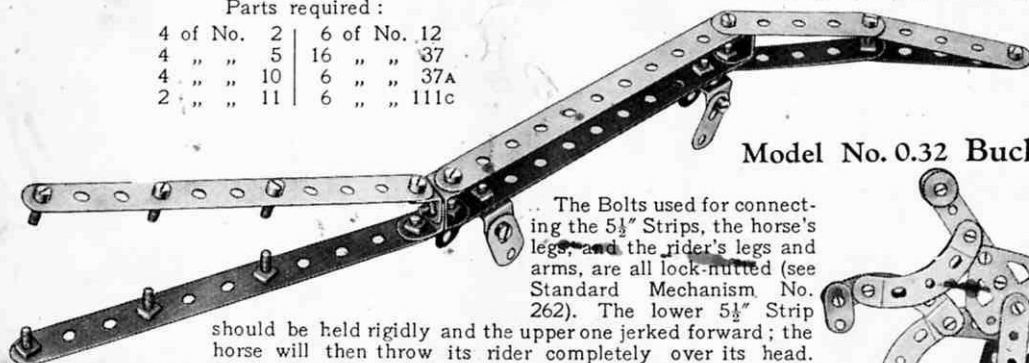


Parts required:

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

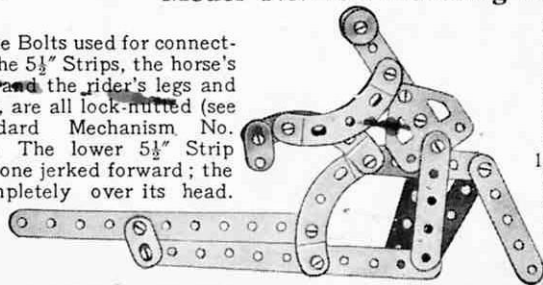
Model No. 0.28 Crocodile

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



The Bolts used for connecting the 5 1/2" Strips, the horse's legs, and the rider's legs and arms, are all lock-nutted (see Standard Mechanism No. 262). The lower 5 1/2" Strip should be held rigidly and the upper one jerked forward; the horse will then throw its rider completely over its head.

Model No. 0.32 Bucking Broncho

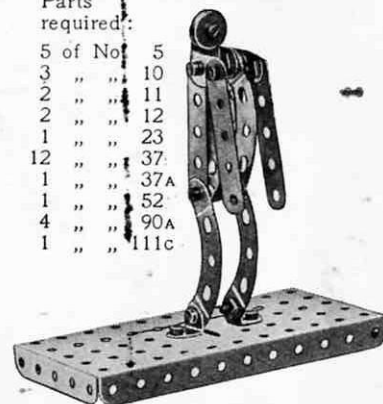


Parts required:

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

Model No. 0.33 Ape

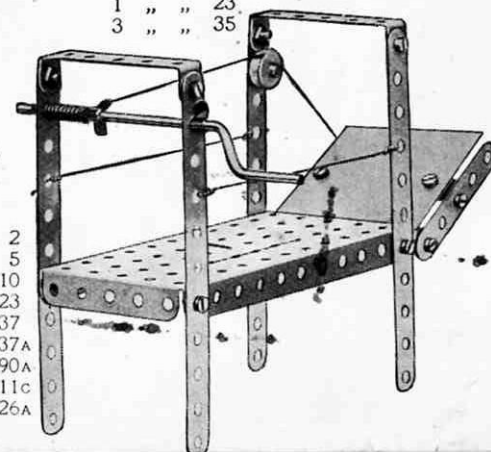
Parts required:  
 5 of No. 5  
 3 " " 10  
 2 " " 11  
 2 " " 12  
 1 " " 23  
 12 " " 37  
 1 " " 37A  
 1 " " 52  
 4 " " 90A  
 1 " " 111c



Model No. 0.34 Gangway

Parts required:

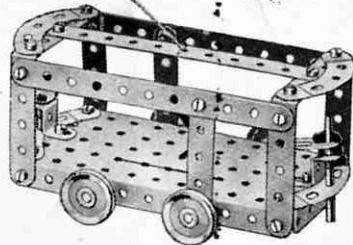
4 of No. 2	16 of No. 37
2 " " 5	2 " " 37A
2 " " 10	2 " " 48A
2 " " 12	1 " " 52
1 " " 19s	1 " " 111c
1 " " 23	
3 " " 35	



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

23

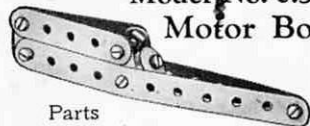
**Model No. 0.35**  
**Tramway Car**



Parts required:

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

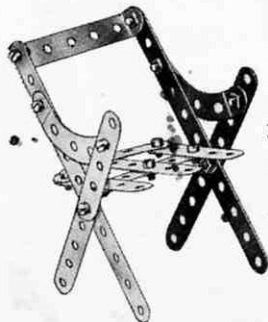
**Model No. 0.36**  
**Motor Boat**



Parts required:

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

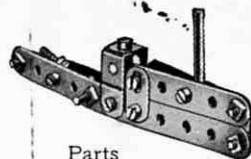
**Model No. 0.37** **Arm Chair**



Parts required:

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

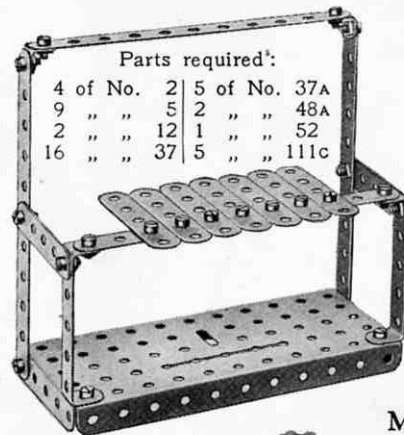
**Model No. 0.38**  
**Torpedo Boat**



Parts required:

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

**Model No. 0.39** **Piano**



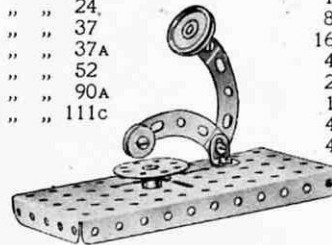
Parts required:

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

**Model No. 0.40**  
**Gramophone**

Parts required:

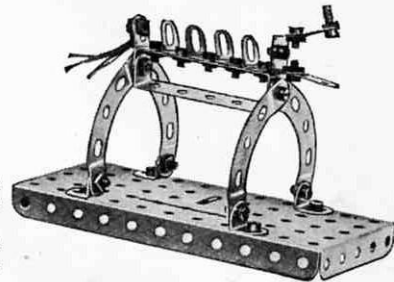
2 of No. 12
1 " " 22
1 " " 23
1 " " 24
3 " " 37
1 " " 37A
1 " " 52
2 " " 90A
3 " " 111c



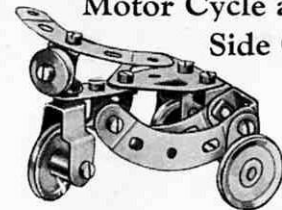
Parts required:

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

**Model No. 0.43**  
**Prehistoric Armadillo**



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



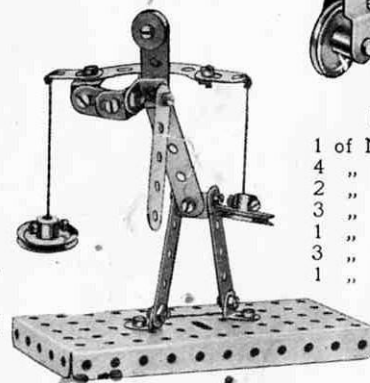
Parts required:

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

**Model No. 0.41** **Milk Maid**

Parts required:

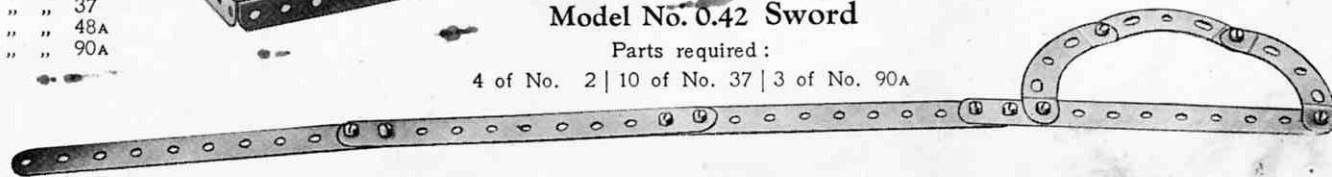
5 of No. 5
3 " " 10
2 " " 11
4 " " 12
2 " " 22
1 " " 23
14 " " 37
1 " " 37A
1 " " 52
1 " " 90A
1 " " 111c



**Model No. 0.42** **Sword**

Parts required:

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



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

**Model No. 0.45  
Loud Speaker**



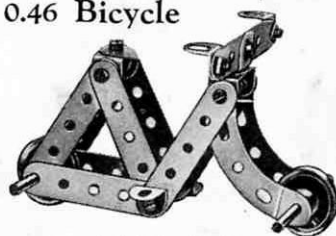
Parts  
required:

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

**Model No. 0.46 Bicycle**

Parts  
required:

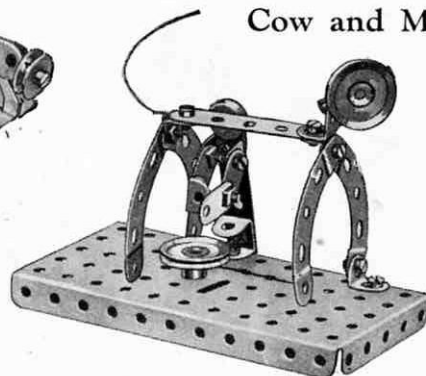
9 of No.	5
2 "	11
5 "	12
2 "	17
2 "	22
11 "	37



**Model No. 0.47  
Cow and Milkmaid**

Parts  
required:

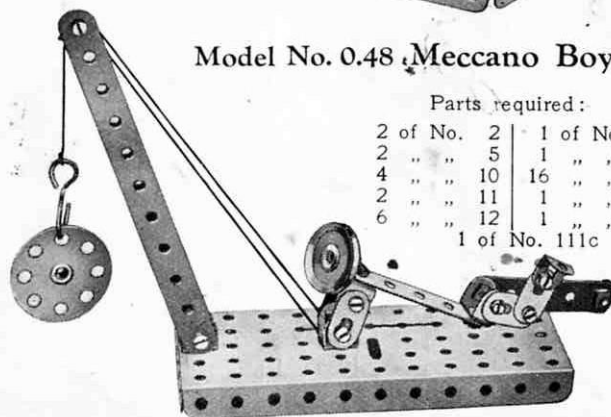
2 of No.	5
4 "	10
2 "	11
5 "	12
2 "	22
1 "	23
16 "	37
2 "	37A
1 "	52
4 "	90A
4 "	111c
1 "	125



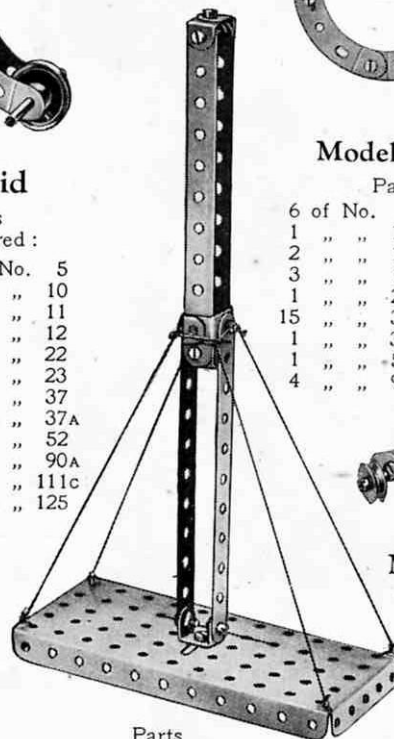
**Model No. 0.48 Meccano Boy**

Parts required:

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

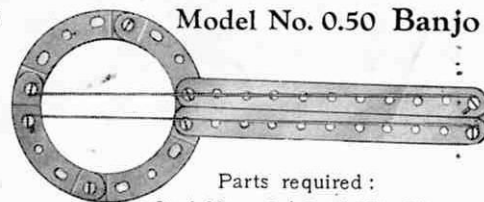


**Model No. 0.49  
Telescopic  
Mast**



Parts  
required:

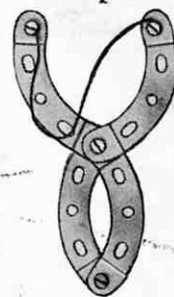
4 of No.	2
2 "	11
6 "	12
11 "	37
1 "	40
1 "	52



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

Parts required:

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



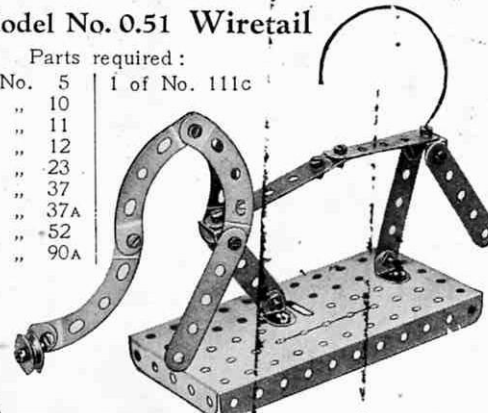
Parts  
required:

4 of No.	37
4 "	90A

**Model No. 0.51 Wiretail**

Parts required:

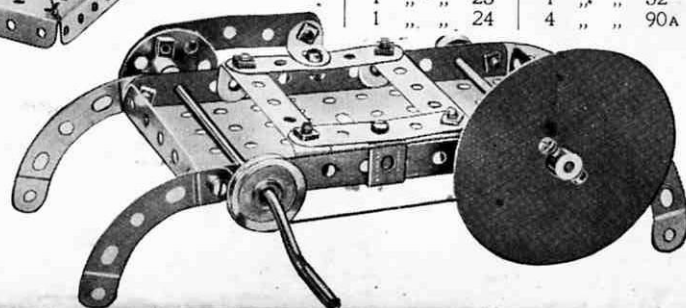
6 of No.	5	1 of No.	111c
1 "	10		
2 "	11		
3 "	12		
1 "	23		
15 "	37		
1 "	37A		
1 "	52		
4 "	90A		



**Model No. 0.52 Bacon Slicing Machine**

Parts  
required:

1 of No.	12	1 of No.	35
1 "	16	12 "	37
3 of No.	5	2 "	37A
2 "	11	2 "	48A
		1 "	52
		4 "	90A



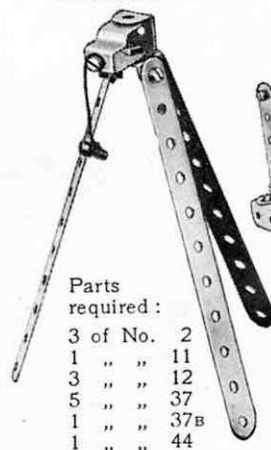


These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)

25

Model No. 0.54

## Camera



Model No. 0.56

## The Execution

Parts required:

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

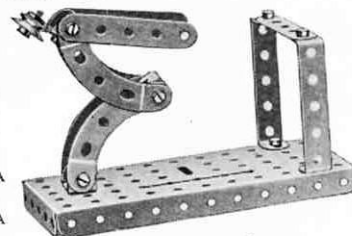
Model No. 0.58

## Crane

Parts required:

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

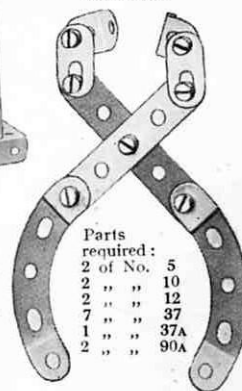
Model No. 0.60 Hurdle



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

Model No. 0.62

## Pliers



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

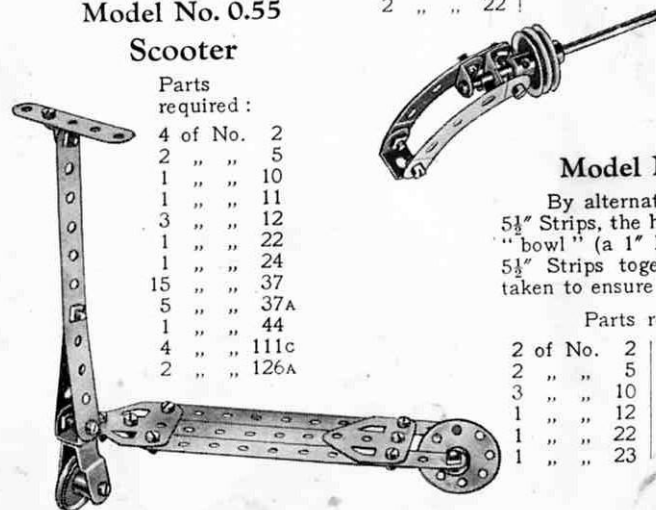
Model No. 0.57 Pistol

Parts required:

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

Model No. 0.55

## Scooter



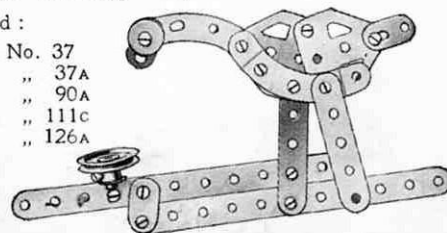
4 of No.	2
2 " "	5
1 " "	10
1 " "	11
3 " "	12
1 " "	22
1 " "	24
15 " "	37
5 " "	37A
1 " "	44
4 " "	111c
2 " "	126A

Model No. 0.59 Pecking Hen

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

Parts required:

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



Model No. 0.61 Tricycle

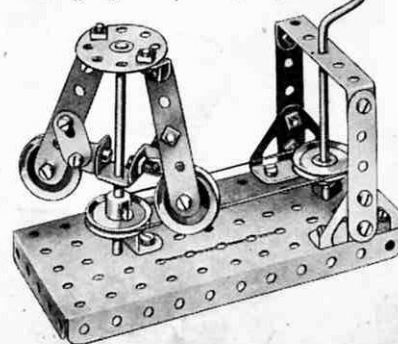


4 of No.	10
1 " "	11
2 " "	12
1 " "	17
3 " "	22
6 " "	37
3 " "	37A
1 " "	44
2 " "	111c
1 " "	126A

Model No. 0.63 Centrifugal Engine Governor

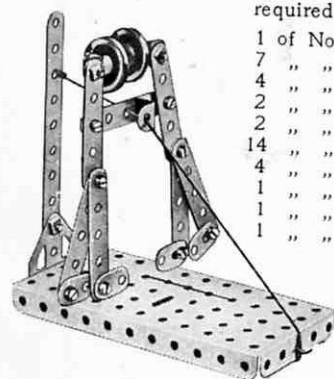
Parts required:

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



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

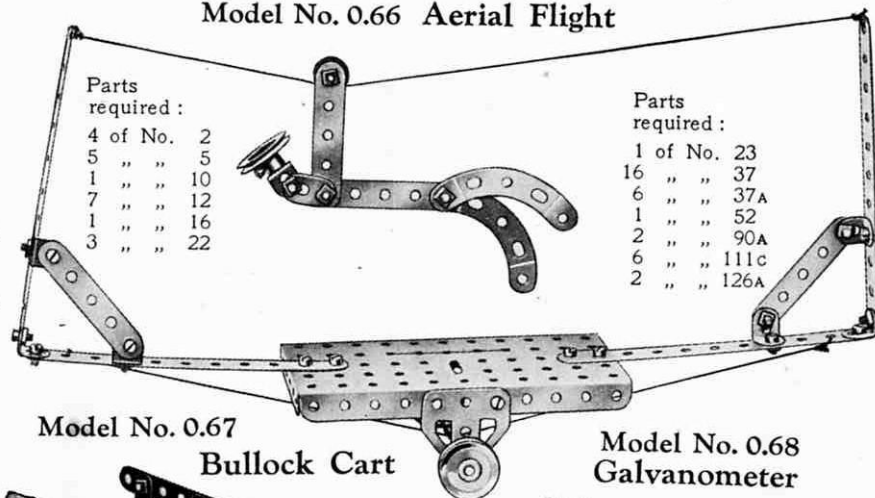
### Model No. 0.64 Wrestlers



Parts required:

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

### Model No. 0.66 Aerial Flight



Parts required:

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

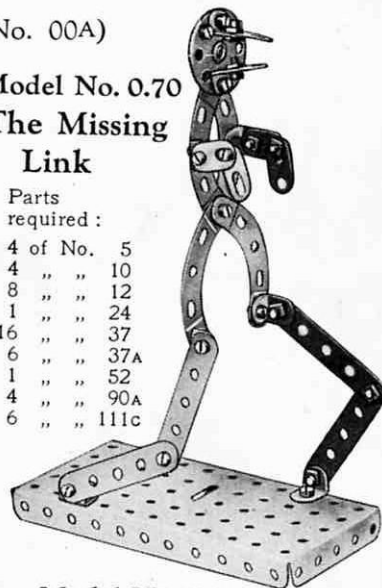
Parts required:

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

### Model No. 0.70 The Missing Link

Parts required:

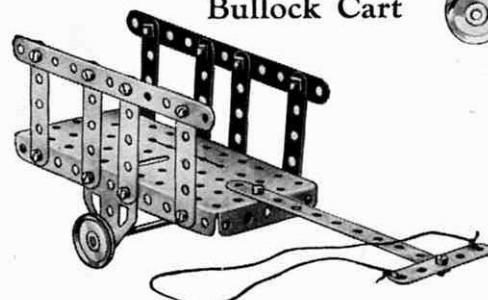
4 of No.	5
4 " "	10
8 " "	12
1 " "	24
16 " "	37
6 " "	37A
1 " "	52
4 " "	90A
6 " "	111c



### Model No. 0.65 A Chase

Parts required:

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

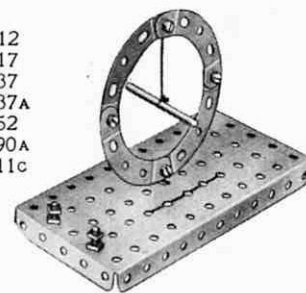


### Model No. 0.67 Bullock Cart

### Model No. 0.68 Galvanometer

Parts required:

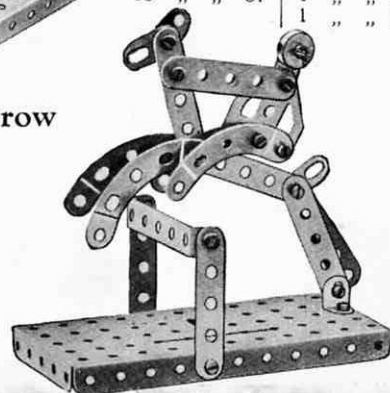
1 of No.	12
1 " "	17
5 " "	37
4 " "	37A
1 " "	52
4 " "	90A
2 " "	111c



### Model No. 0.71 Steeple-chaser

Parts required:

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



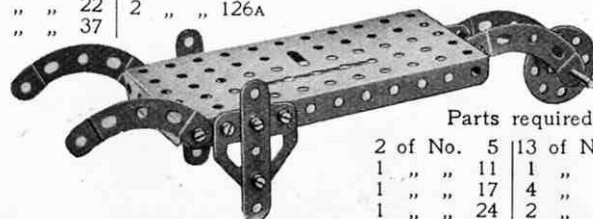
Parts required:

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

### Model No. 0.69 Coster's Barrow

Parts required:

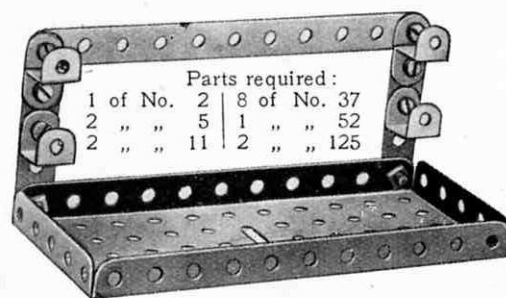
2 of No.	5	13 of No.	37
1 " "	11	1 " "	52
1 " "	17	4 " "	90A
1 " "	24	2 " "	126A



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

27

**Model No. 0.72 Pen Rack**

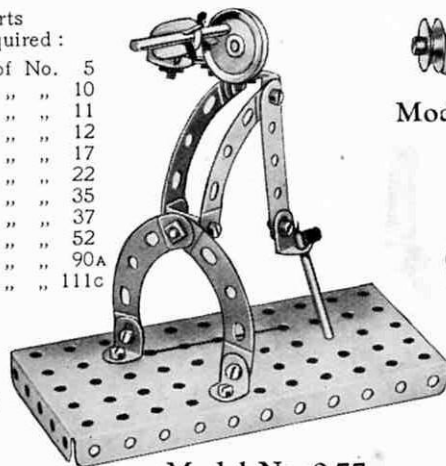


Parts required:  
1 of No. 2 | 8 of No. 37  
2 " " 5 | 1 " " 52  
2 " " 11 | 2 " " 125

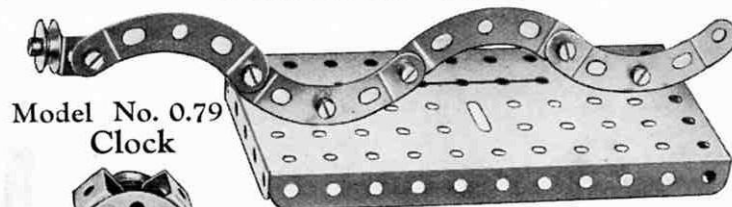
**Model No. 0.76 Coast Guard**

Parts required:

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



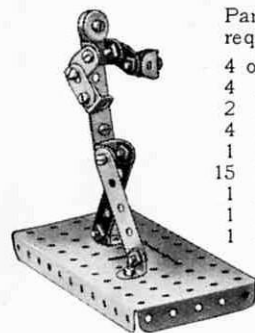
**Model No. 0.78 Snake**



Parts required:

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

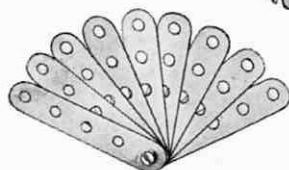
**Model No. 0.73 Boxer**



Parts required:

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

**Model No. 0.75 Fan**



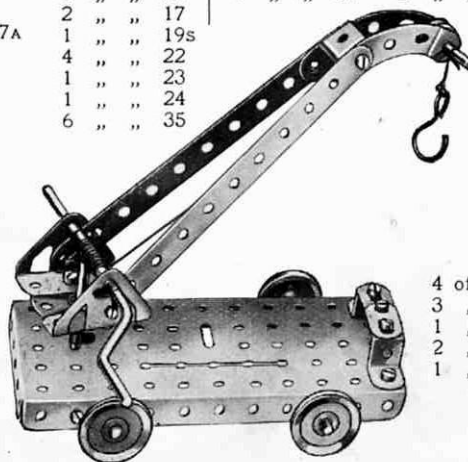
Parts required:

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

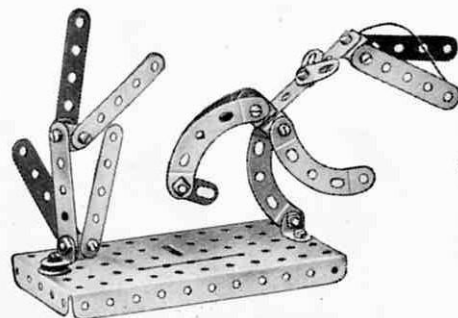
**Model No. 0.77 Break-Down Crane**

Parts required:

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



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



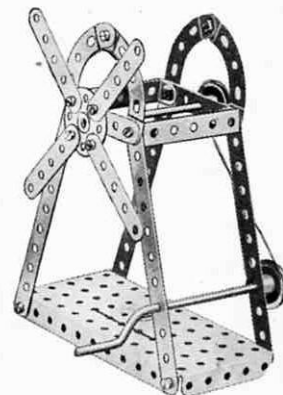
Parts required:

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

**Model No. 0.80 Windmill**

Parts required:

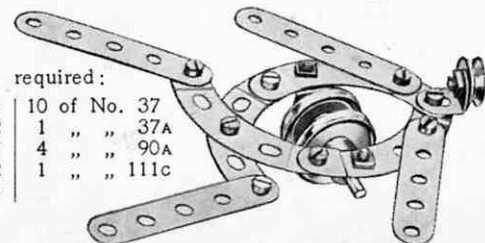
4 of No. 2  
6 " " 5  
1 " " 16  
1 " " 19s  
2 " " 22  
1 " " 24  
14 " " 37  
2 " " 48A  
1 " " 52  
4 " " 90A



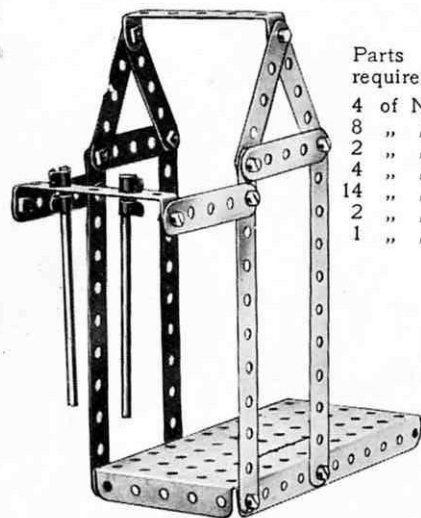
**Model No. 0.81 Frog**

Parts required:

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



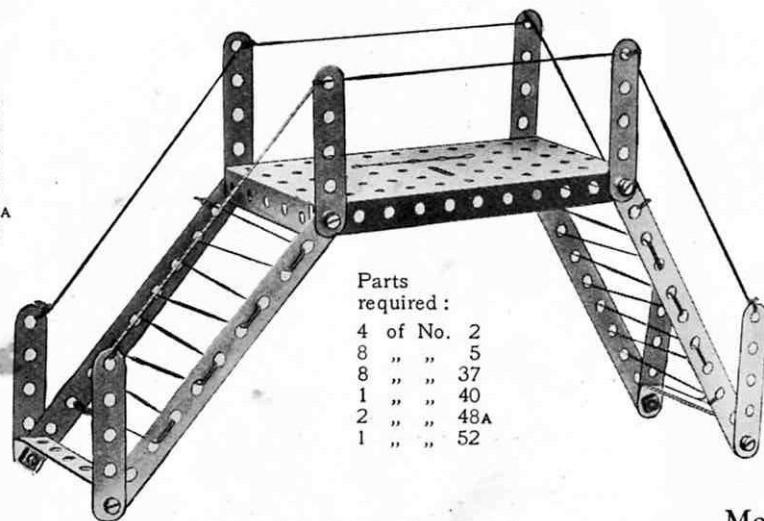
**Model No. 0.82**  
**Pneumatic Grain Elevator**



Parts  
required :

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

**Model No. 0.84 Footbridge**



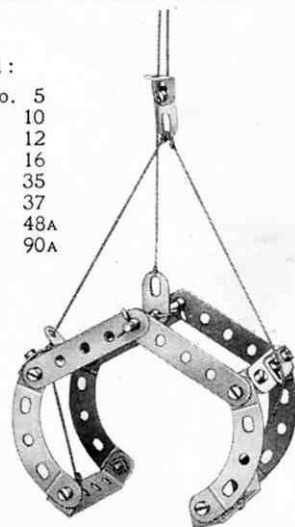
Parts  
required :

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

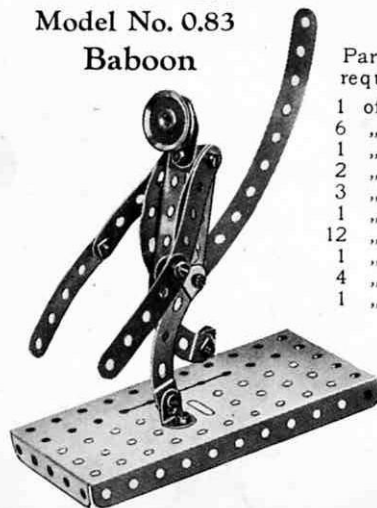
**Model No. 0.86 Crane Grab**

Parts  
required :

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



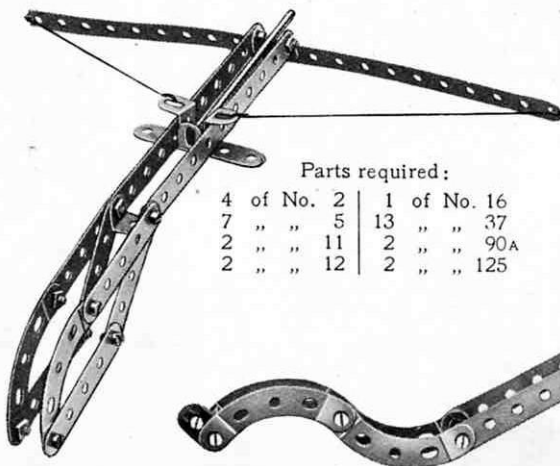
**Model No. 0.83**  
**Baboon**



Parts  
required :

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

**Model No. 0.85 Cross-Bow**



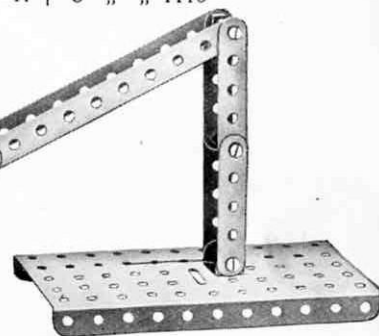
Parts required :

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

**Model No. 0.87 Switchback**

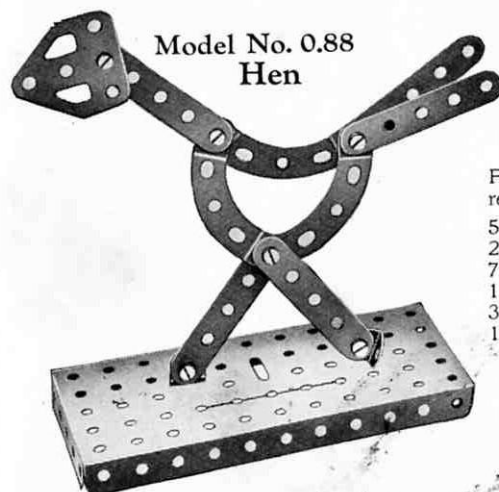
Parts required :

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



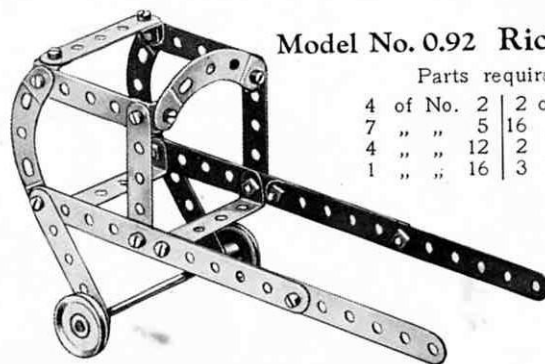


These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)



**Model No. 0.88  
Hen**

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

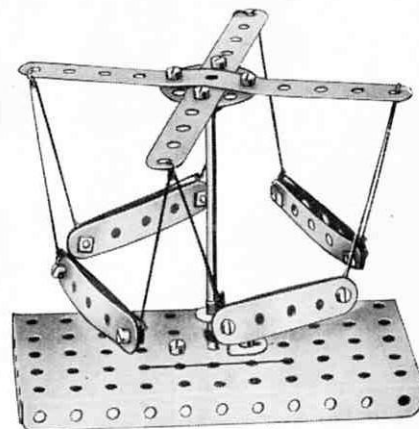


**Model No. 0.92 Rickshaw**

Parts required:

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

**Model No. 0.93 Fly Boats**



Parts required:

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

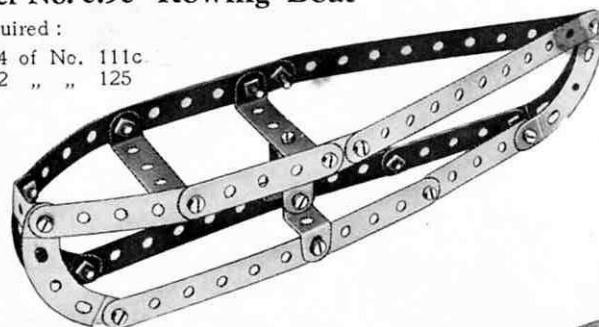
**Model No. 0.89  
Grass Cutter**

Parts  
required:

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

Parts required:

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

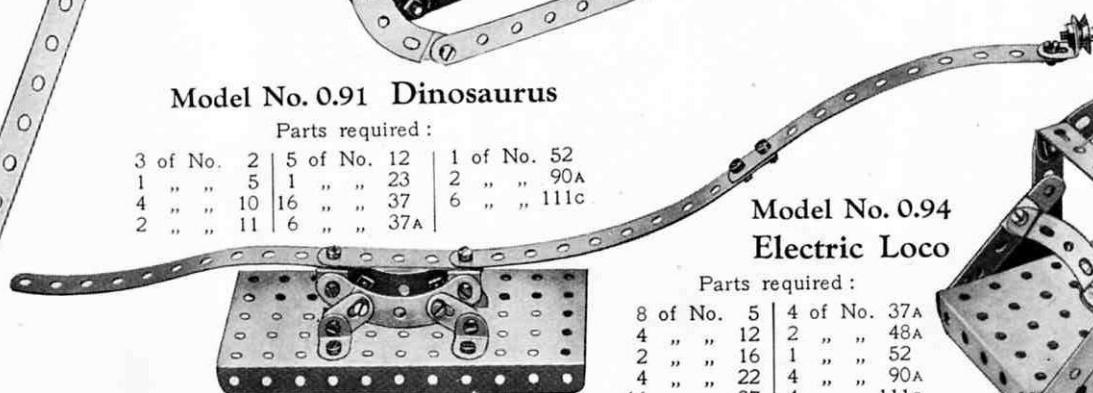


**Model No. 0.90 Rowing Boat**

**Model No. 0.91 Dinosaur**

Parts required:

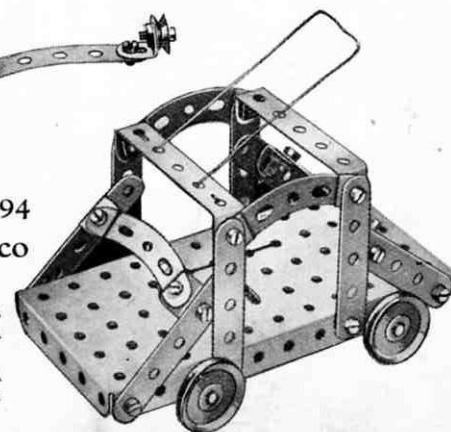
3 of No. 2	5 of No. 12	1 of No. 52
1 " " 5	1 " " 23	2 " " 90A
4 " " 10	16 " " 37	6 " " 111c
2 " " 11	6 " " 37A	



**Model No. 0.94  
Electric Loco**

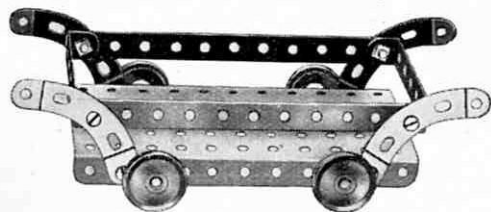
Parts required:

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



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

**Model No. 0.95 Trolley**



Parts required:

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

**Model No. 0.96 Pen Rack**

Parts required:

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



**Model No. 0.97 Walking Man**

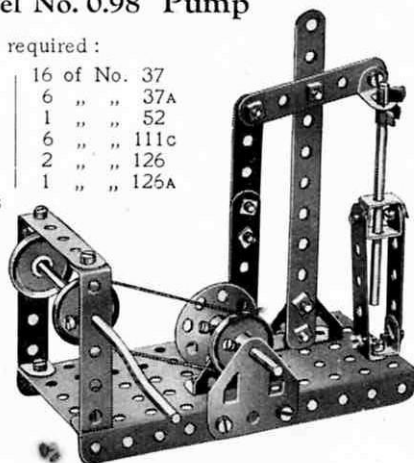
Parts required:

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

**Model No. 0.98 Pump**

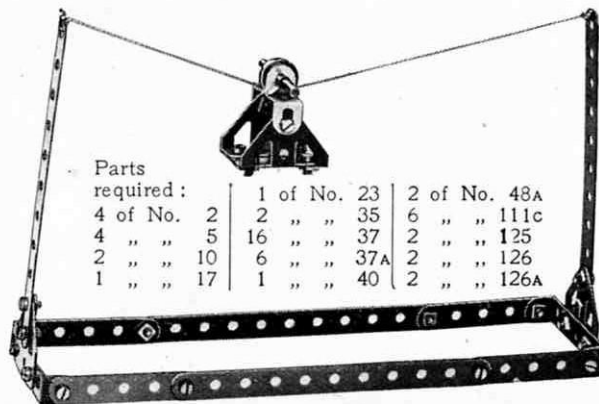
Parts required:

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



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

**Model No. 0.99 Aerial ropeway**



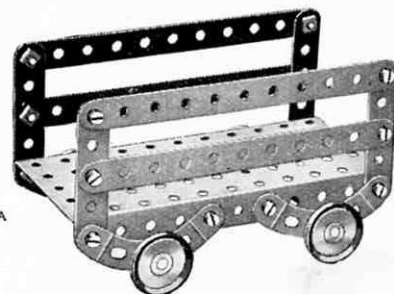
Parts required:

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

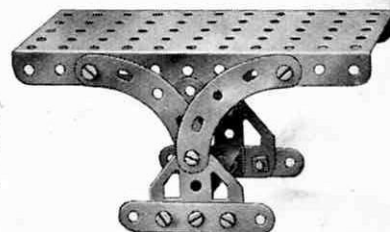
**Model No. 0.100 Luggage Truck**

Parts required:

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



**Model No. 0.101 Drafting Table**



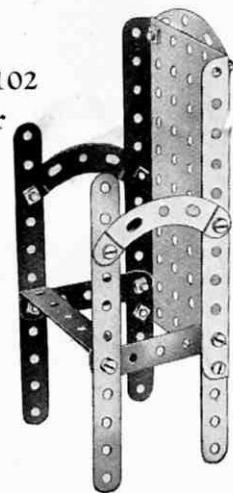
Parts required:

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

**Model No. 0.102 Arm Chair**

Parts required:

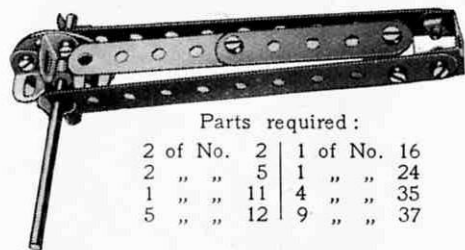
2 of No. 2
4 " " 5
12 " " 37
1 " " 48A
1 " " 52
3 " " 90A



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

31

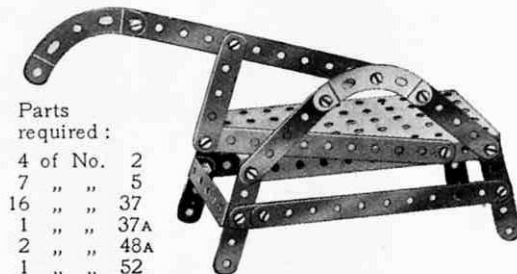
Model No. 0.103 Rattle



Parts required:

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

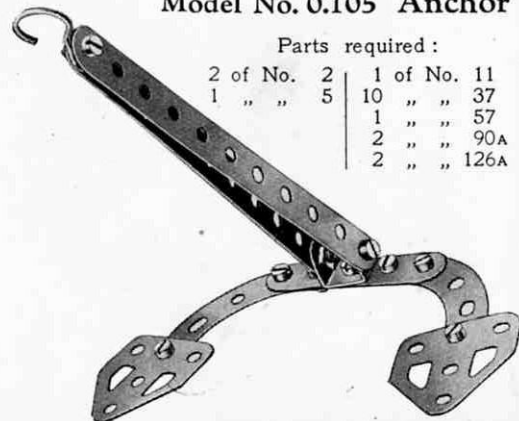
Model No. 0.104 Shearing Machine



Parts required:

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

Model No. 0.105 Anchor



Parts required:

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

Model No. 0.106 Portal

Parts required:

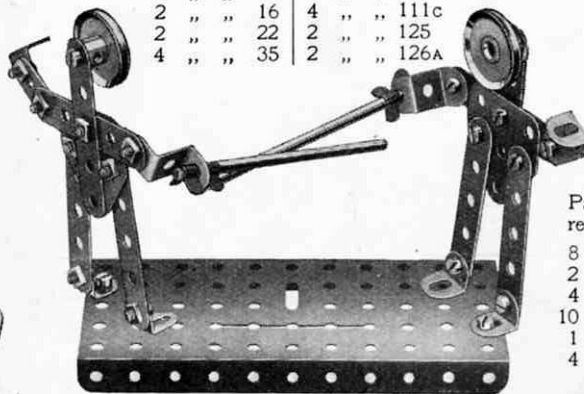
4 of No.	2
2 "	11
8 "	12
1 "	22
16 "	37
6 "	37A
2 "	48A
1 "	52
4 "	90A
6 "	111c



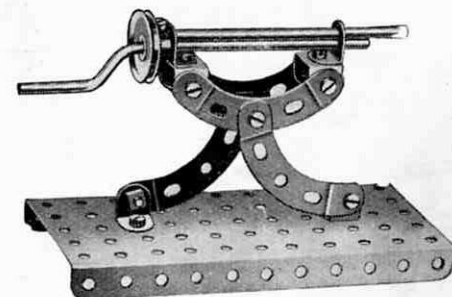
Model No. 0.107 The Fencers

Parts required:

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



Model No. 0.108 Machine Gun



Parts required:

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

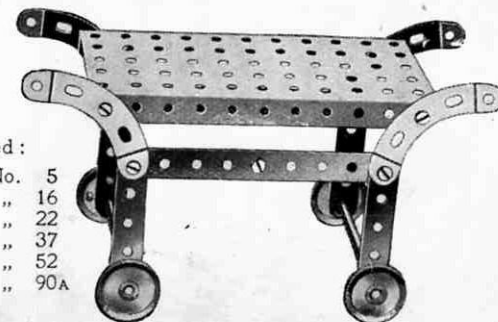
Model No. 0.109 Single Sheaf Pulley Block



Parts required:

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

Model No. 0.110 Tea Wagon

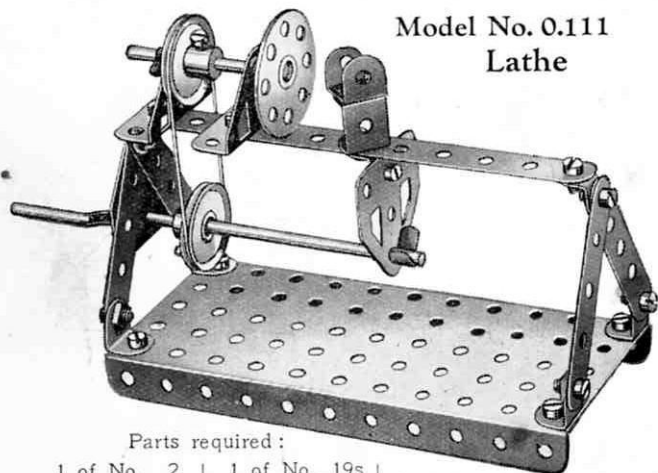


Parts required:

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

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

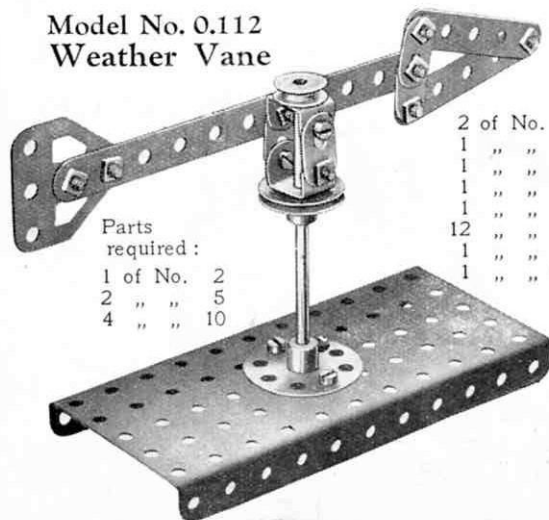
Model No. 0.111  
Lathe



Parts required:

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

Model No. 0.112  
Weather Vane

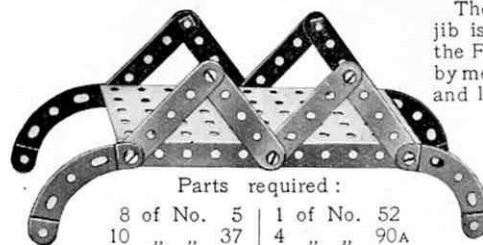


Parts required:

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

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

Model No. 0.113 Viaduct



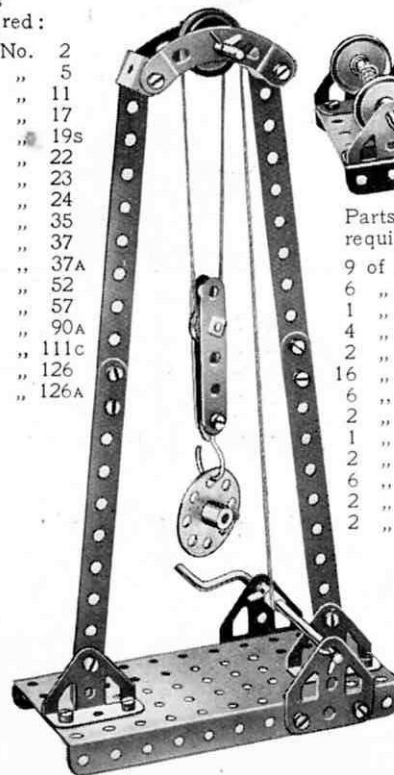
Parts required:

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

Model No. 0.114 Pulley Block

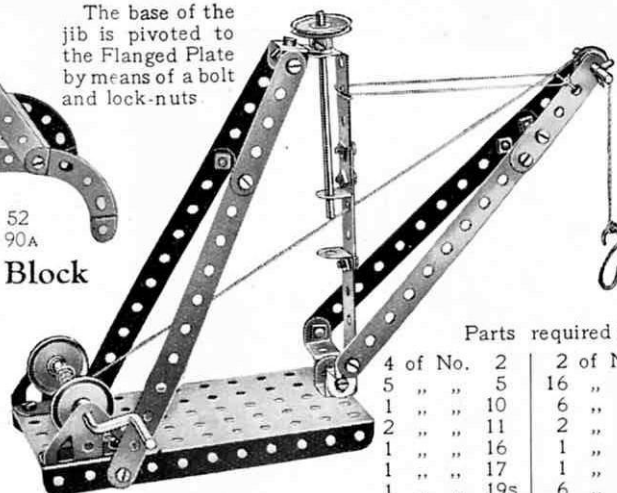
Parts required:

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



Model No. 0.115 Derricking Crane

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



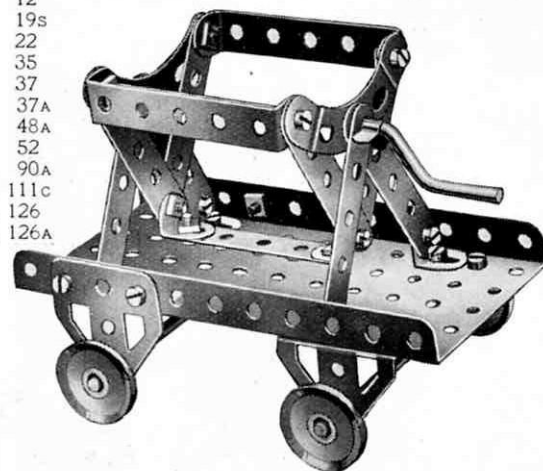
Parts required:

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

Parts required:

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

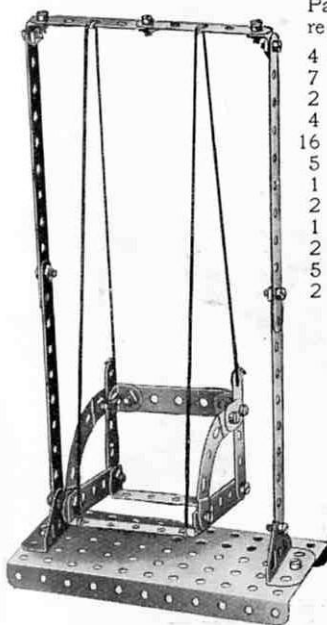
Model No. 0.116 Dump Car





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

**Model No. 0.117 Swing**



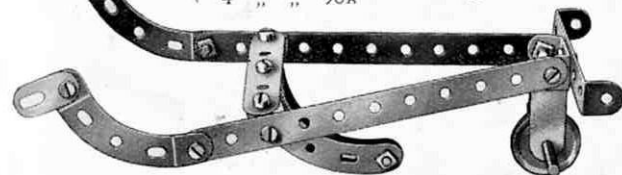
Parts required:

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

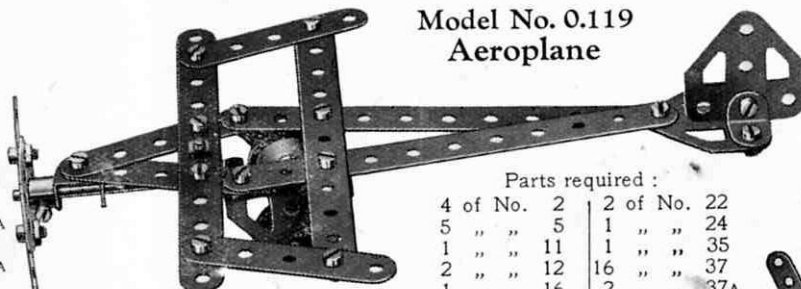
**Model No. 0.118 Plough**

Parts required:

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



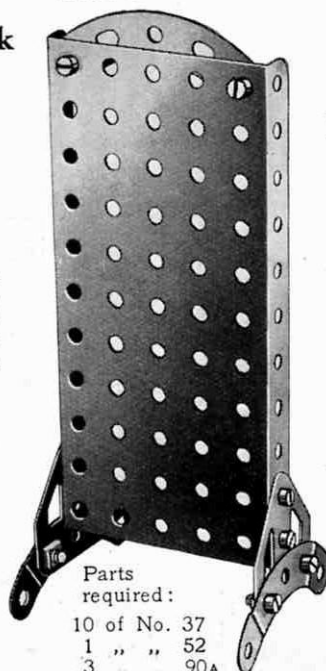
**Model No. 0.119 Aeroplane**



Parts required:

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

**Model No. 0.121 Notice Board**



Parts required:

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

**Model No. 0.120 Hat Rack**

Parts required:

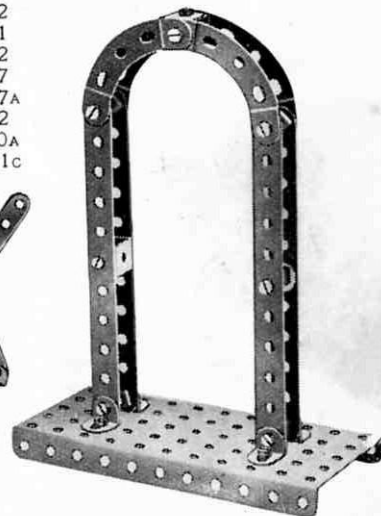
2 of No.	2
4 " "	5
2 " "	11
5 " "	12
1 " "	17
1 " "	22
16 " "	37
4 " "	37A
2 " "	48A
4 " "	90A
4 " "	111c
2 " "	126A



Parts required:

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

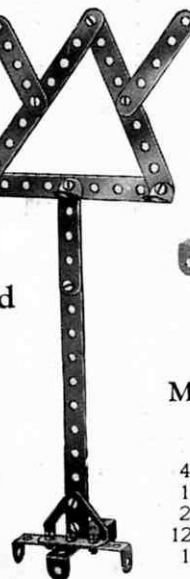
**Model No. 0.123 Arch**



**Model No. 0.122 Music Stand**

Parts required:

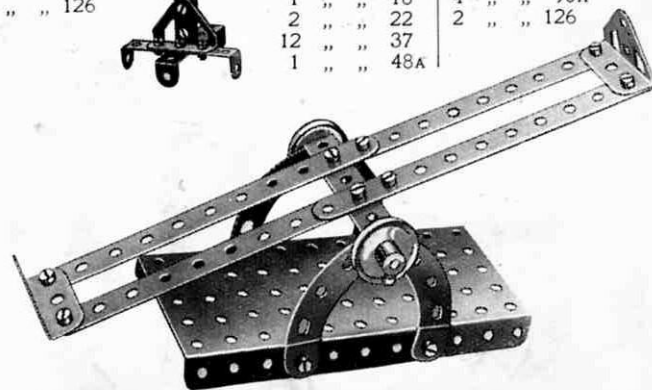
1 of No.	2
9 " "	5
3 " "	12
12 " "	37
2 " "	48A
1 " "	126



**Model No. 0.124 See-Saw**

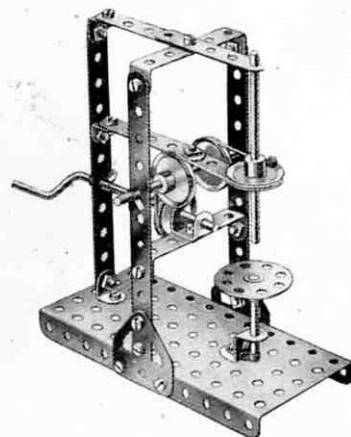
Parts required:

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



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

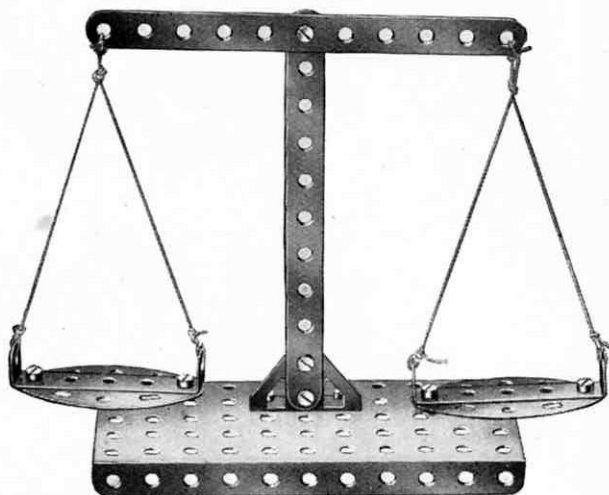
### Model No. 0.125 Drilling Machine



Parts  
required :

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

### Model No. 0.127 Scales



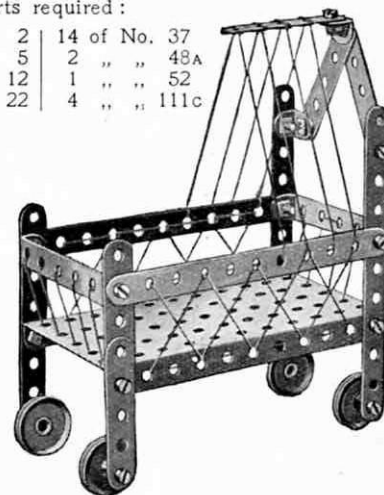
Parts required :

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

### Model No. 0.129 Cot

Parts required :

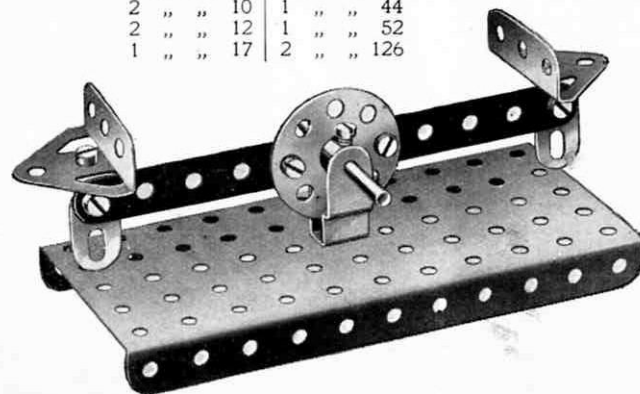
4 of No.	2	14 of No.	37
7 " "	5	2 " "	48A
3 " "	12	1 " "	52
4 " "	22	4 " "	111c



### Model No. 0.126 Counter Scales

Parts required :

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



### Model No. 0.128 Single Sheave Pulley Block



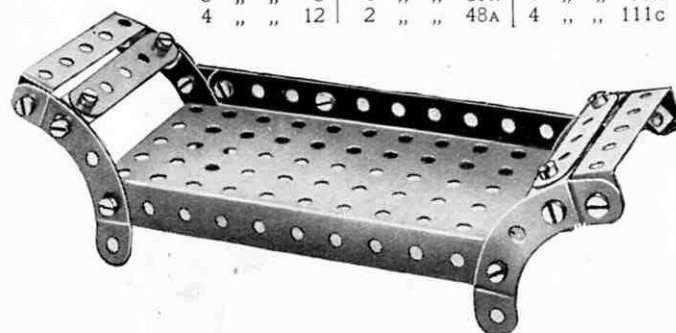
Parts  
required :

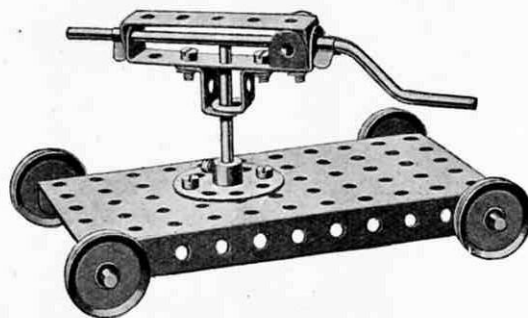
1 of No.	23
12 " "	37A
1 " "	57
4 " "	111c
2 " "	126A

### Model No. 0.130 Couch

Parts required :

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



**Model No. 0.131 Rock Drill**

Parts required:

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

**Model No. 0.133 Prancing Horse**

Parts required:

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

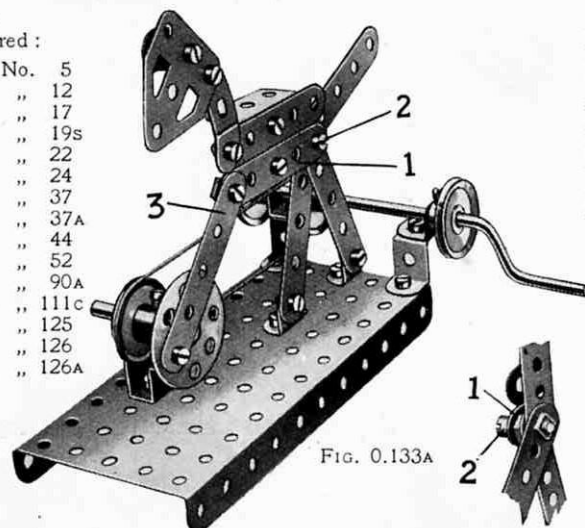
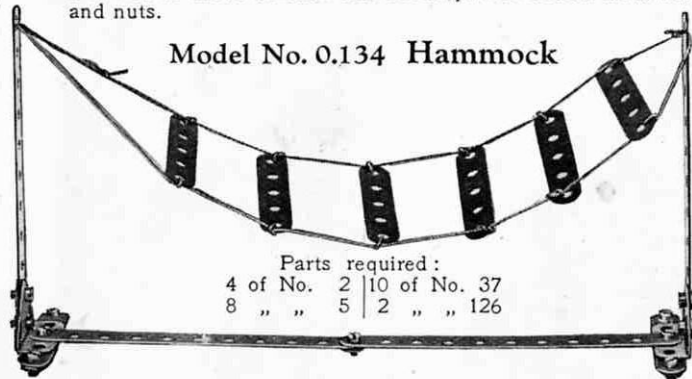


FIG. 0.133A

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

**Model No. 0.134 Hammock**

Parts required:

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

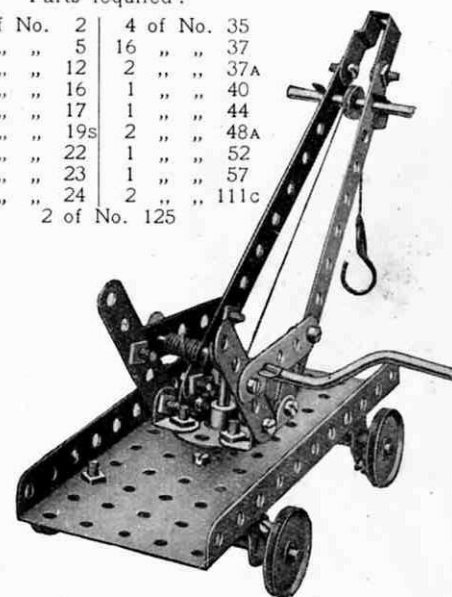
Parts required:

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

**Model No. 0.135 Swivelling Crane**

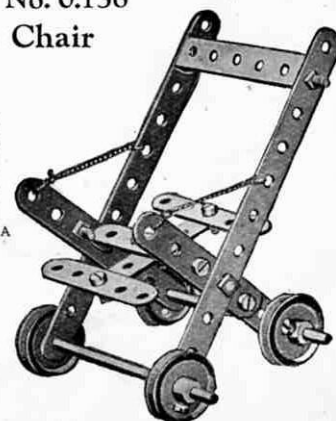
Parts required:

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

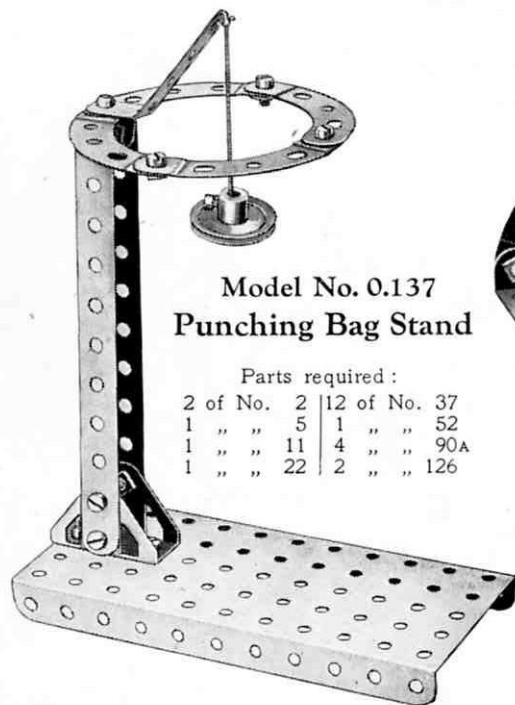
**Model No. 0.136 Go Chair**

Parts required:

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



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

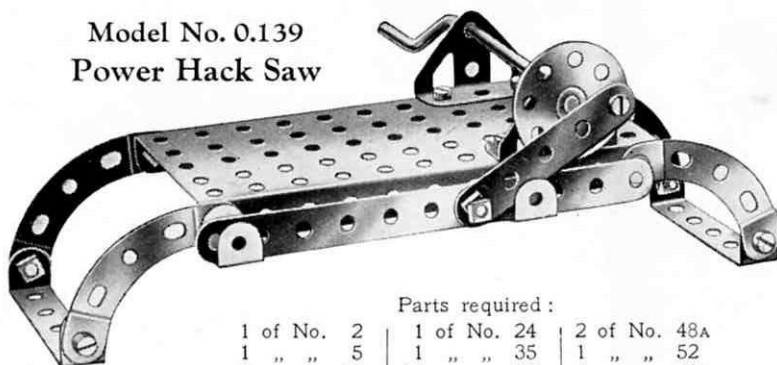


**Model No. 0.137**  
**Punching Bag Stand**

Parts required :

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

**Model No. 0.139**  
**Power Hack Saw**



Parts required :

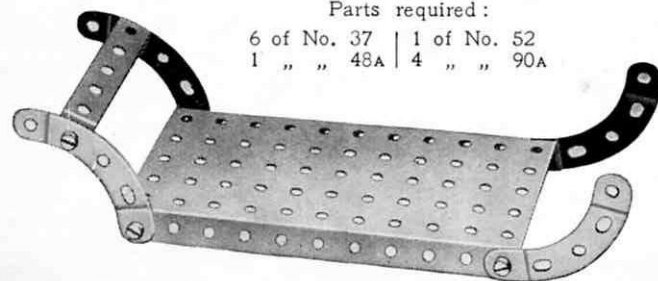
1 of No. 2	1 of No. 24	2 of No. 48A
1 " " 5	1 " " 35	1 " " 52
2 " " 11	16 " " 37	4 " " 90A
1 " " 19s	2 " " 37A	2 " " 126

**Model No. 0.140 Old Siege Gun**



Parts required :

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



**Model No. 0.138 Sled**

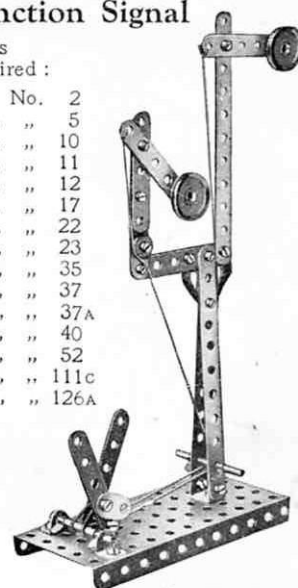
Parts required :

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

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

Parts required :

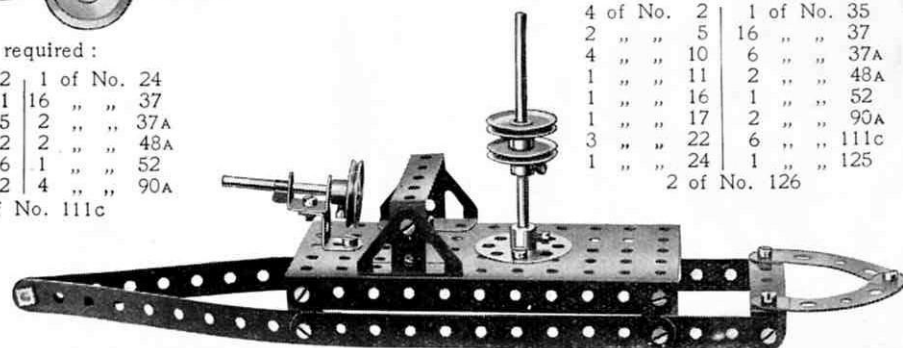
3 of No. 2	
7 " " 5	
2 " " 10	
2 " " 11	
2 " " 12	
2 " " 17	
2 " " 22	
1 " " 23	
4 " " 35	
16 " " 37	
5 " " 37A	
1 " " 40	
1 " " 52	
5 " " 111c	
1 " " 126A	



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

Parts required :

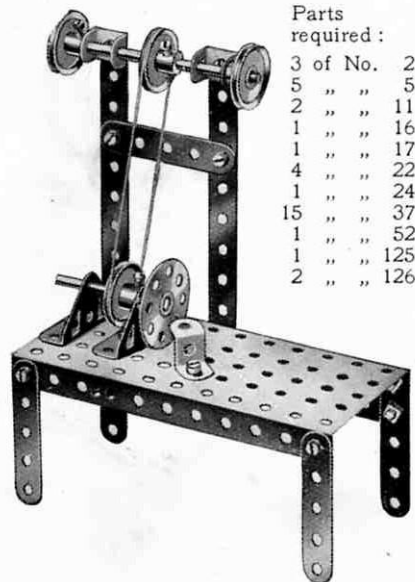
4 of No. 2	1 of No. 35
2 " " 5	16 " " 37
4 " " 10	6 " " 37A
1 " " 11	2 " " 48A
1 " " 16	1 " " 52
1 " " 17	2 " " 90A
3 " " 22	6 " " 111c
1 " " 24	1 " " 125
2 of No. 126	





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

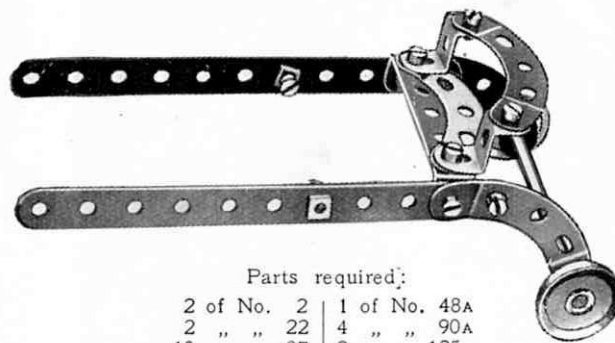
### Model No. 0.143 Bench Lathe



Parts required:

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

### Model No. 0.145 Sulkey



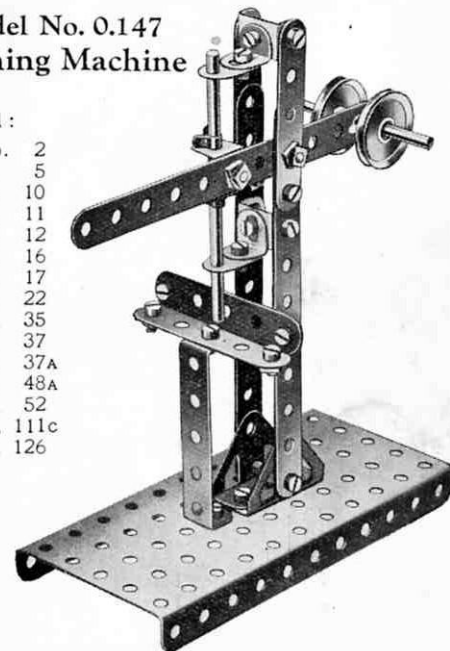
Parts required:

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

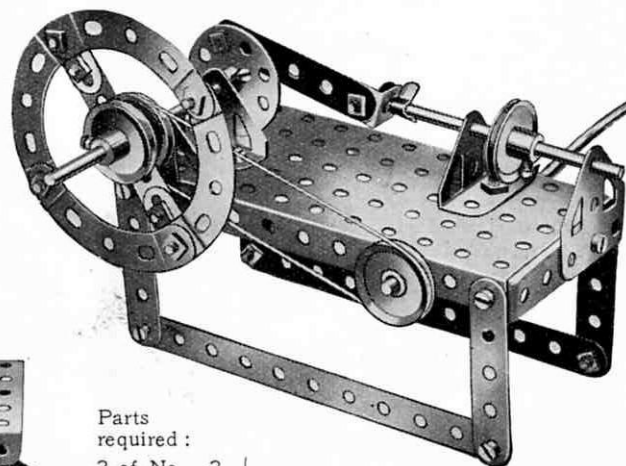
### Model No. 0.147 Punching Machine

Parts required:

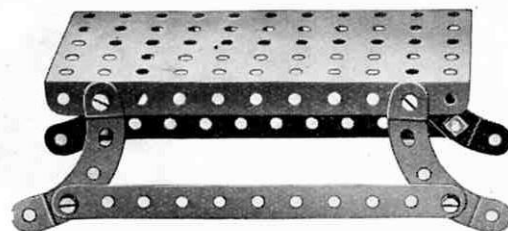
3 of No.	2
4 " "	5
2 " "	10
2 " "	11
6 " "	12
1 " "	16
1 " "	17
2 " "	22
2 " "	35
16 " "	37
6 " "	37A
1 " "	48A
1 " "	52
6 " "	111c
2 " "	126



### Model No. 0.146 Horizontal Engine



### Model No. 0.144 Bench



Parts required:

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

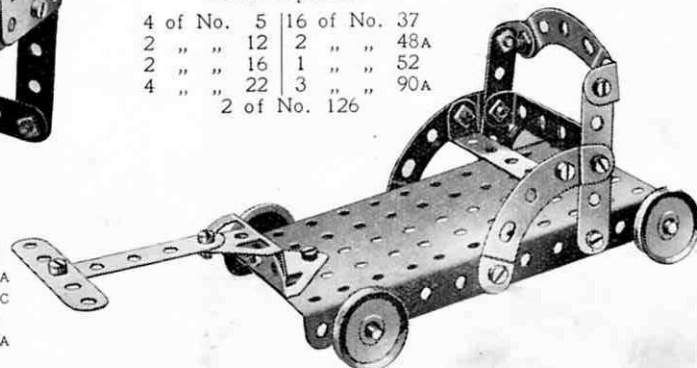
Parts required:

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

### Model No. 0.148 Bath Chair

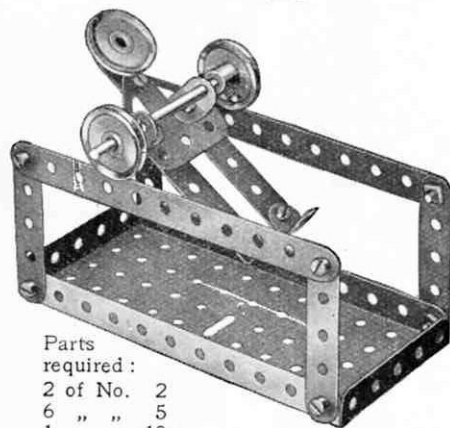
Parts required:

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



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

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



Parts  
required:

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

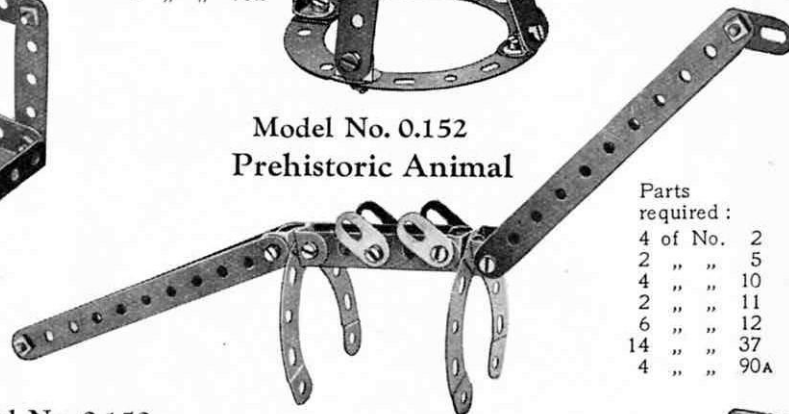
**Model No. 0.151 Candle Shade**

Parts  
required:

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

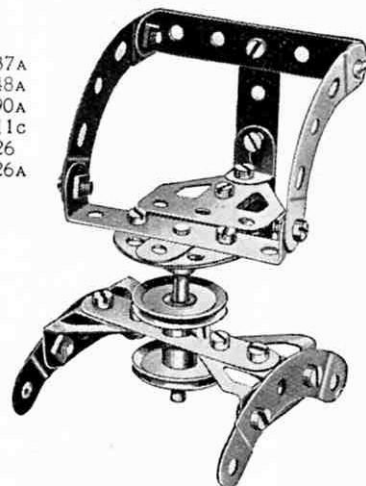


**Model No. 0.152**  
**Prehistoric Animal**



Parts required:

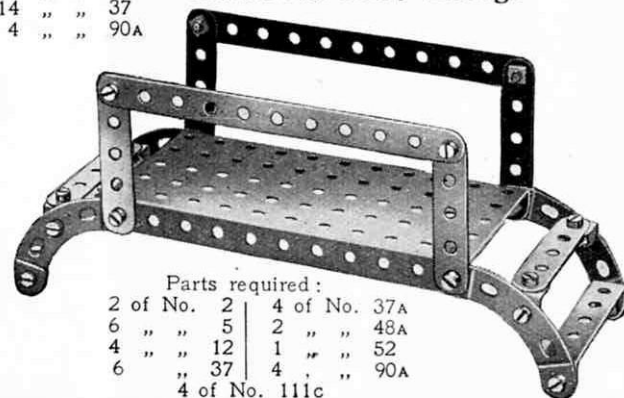
3 of No.	5	2 of No.	37A
1 " "	12	2 " "	48A
1 " "	17	4 " "	90A
2 " "	22	2 " "	111c
1 " "	24	2 " "	126
16 " "	37	1 " "	126A



Parts  
required:

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

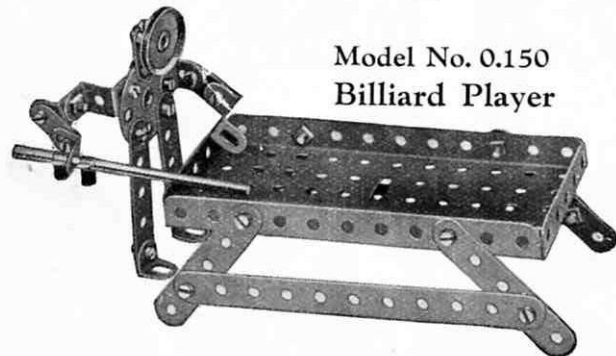
**Model No. 0.154 Bridge**



Parts required:

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

**Model No. 0.150**  
**Billiard Player**



Parts  
required:

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

### HOW TO CONTINUE

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

## MECCANO ACCESSORY OUTFITS

### The Purpose of Meccano Accessory Outfits

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

### MECCANO OIL CANS



Oil Can No. 1

This is a miniature Oil Can that will give every satisfaction. It is strongly made and it functions perfectly.



Oil Can No. 2 ("K" Type)

This Oil Can is a beautiful replica in miniature of a patented Oil Can known to all engineers. It is finished in burnished copper and the oil is ejected drop by drop by depressing the valve. Length 4 ins.



### How the Accessory Outfits convert Complete Outfits

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

### MECCANO STORAGE BOXES

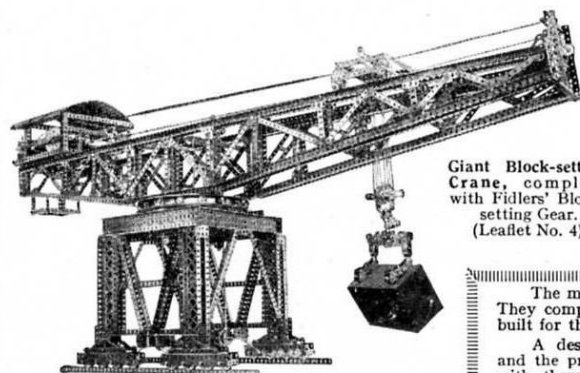
Every Meccano boy purchases additional Meccano parts from time to time, but he sometimes has difficulty in finding suitable accommodation for them. We are now able to supply strongly-made boxes, beautifully enamelled in green. Details of these boxes are as follows:—

No. 30	..	Size $18\frac{1}{2}" \times 9\frac{3}{4}" \times 3\frac{1}{2}"$
No. 40	..	Size $18\frac{1}{2}" \times 12\frac{3}{4}" \times 3\frac{1}{2}"$
No. 50	..	Size $23" \times 9\frac{3}{4}" \times 5"$
No. 60	..	Size $23" \times 11\frac{3}{4}" \times 4\frac{3}{4}"$
No. 70	..	Size $23" \times 6\frac{3}{8}" \times 10"$

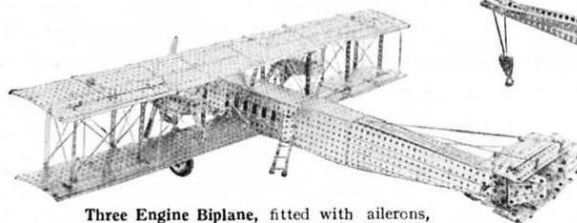


Ask your dealer for a free illustrated price list.

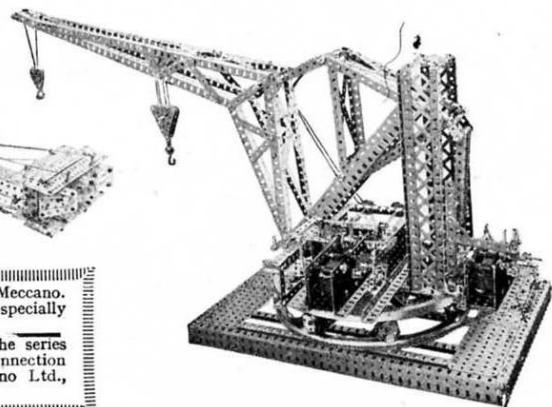
# Meccano Super Models



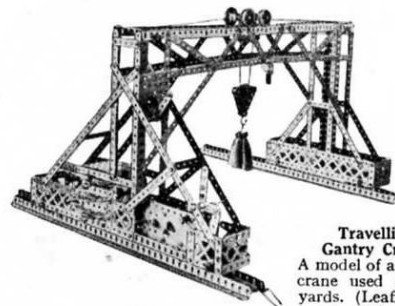
**Giant Block-setting Crane,** complete with Fidler's Block-setting Gear. (Leaflet No. 4)



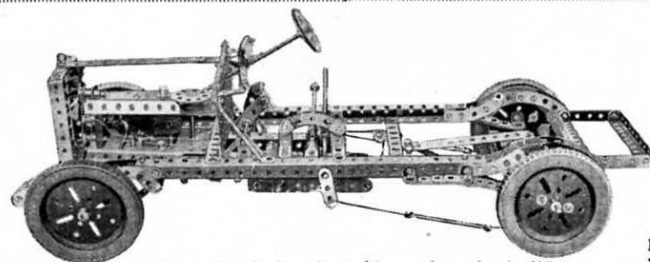
**Three Engine Biplane,** fitted with ailerons, elevators, rudders, etc. (Leaflet No. 34)



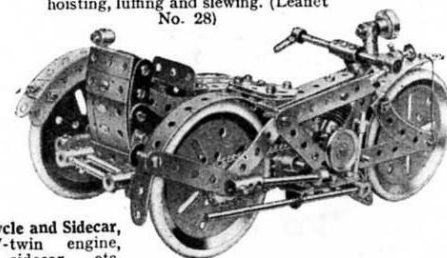
**Pontoon Crane.** Movements include hoisting, luffing and slewing. (Leaflet No. 28)



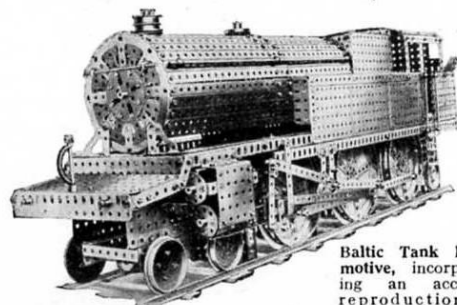
**Travelling Gantry Crane.** A model of a type of crane used in ship-yards. (Leaflet No. 24)



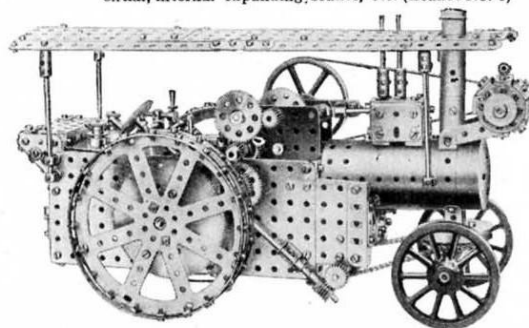
**Motor Chassis,** complete with gear box, clutch, differential, internal expanding brakes, etc. (Leaflet No. 1)



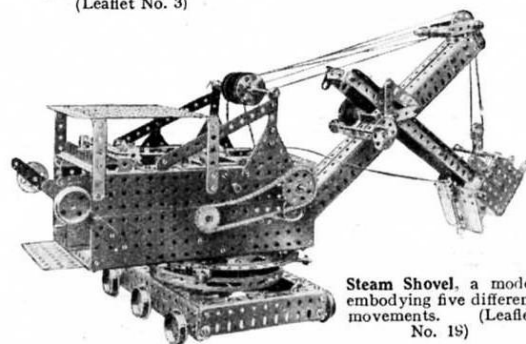
**Motor Cycle and Sidecar,** with V-twin engine, sprung sidecar, etc. (Leaflet No. 3)



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



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



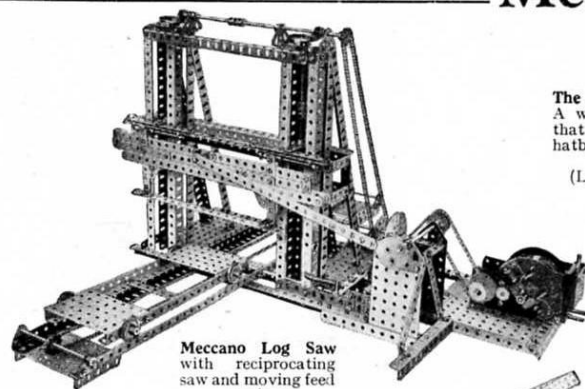
**Steam Shovel,** a model embodying five different movements. (Leaflet No. 18)

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

A descriptive leaflet giving full particulars of all the models in the series and the prices of the special Instruction Leaflets that are published in connection with them, may be obtained from your dealer or direct from Meccano Ltd., 34, St. Patrick Street, Toronto.

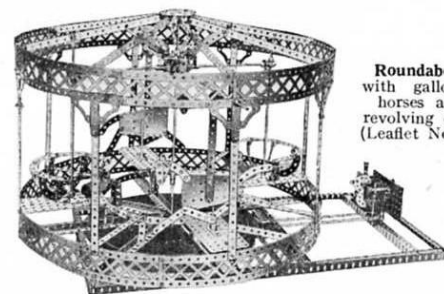
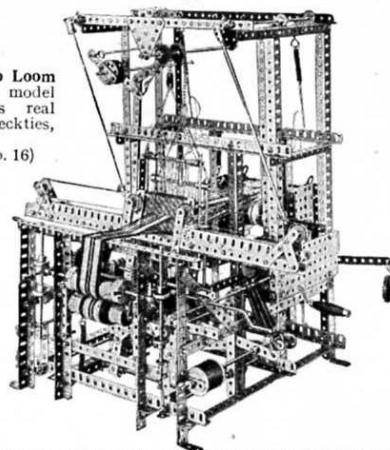


# Meccano Super Models

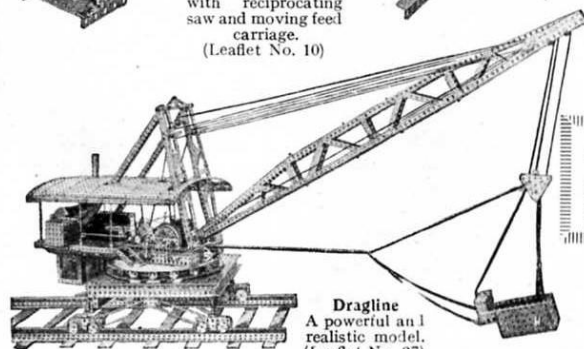


**Meccano Log Saw**  
with reciprocating  
saw and moving feed  
carriage.  
(Leaflet No. 10)

**The Meccano Loom**  
A wonderful model  
that weaves real  
hatbands, neckties,  
etc.  
(Leaflet No. 16)



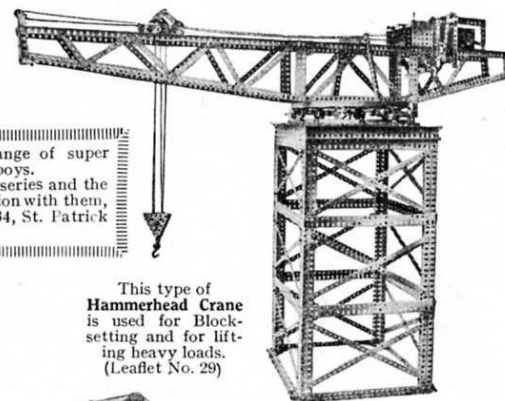
**Roundabout**  
with galloping  
horses and  
revolving cars.  
(Leaflet No. 8)



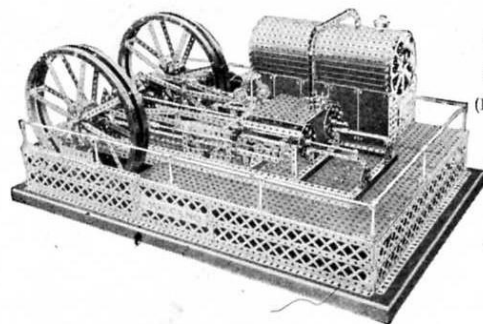
**Dragline**  
A powerful and  
realistic model.  
(Leaflet No. 27)

On this page are illustrated a further selection from the range of super models that has been specially built for the delight of Meccano boys.

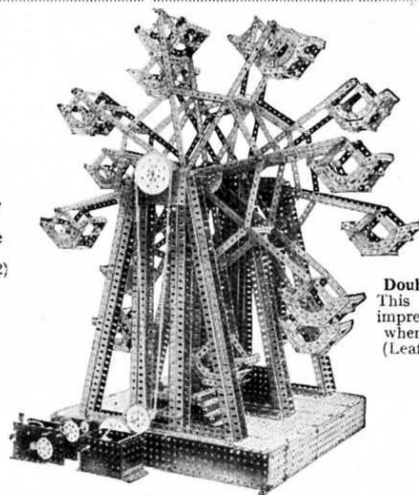
A descriptive leaflet giving full particulars of all models in the series and the prices of the special Instruction Leaflets that are published in connection with them, may be obtained from your dealer or direct from Meccano Ltd., 34, St. Patrick Street, Toronto.



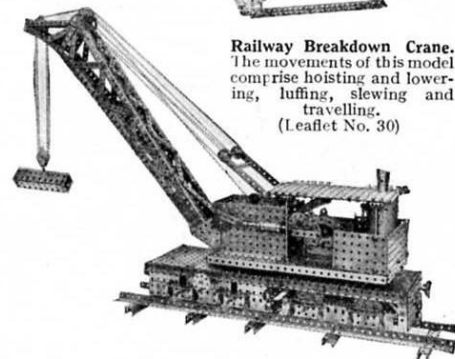
This type of  
**Hammerhead Crane**  
is used for Block-  
setting and for lift-  
ing heavy loads.  
(Leaflet No. 29)



**Two-Cylinder  
Horizontal  
Steam Engine**  
with Boiler.  
(Leaflet No. 32)



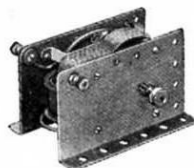
**Double Flyboats.**  
This is a most  
impressive model  
when in motion.  
(Leaflet No. 33)



**Railway Breakdown Crane.**  
The movements of this model  
comprise hoisting and lower-  
ing, luffing, slewing and  
travelling.  
(Leaflet No. 30)

# MECCANO MOTORS

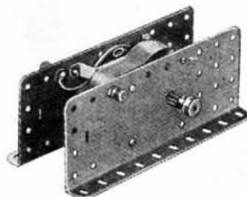
## E1 Electric Motor (6 Volt)



This powerful and reliable Electric Motor (non-reversing) may be driven from the main through a Meccano Transformer (alternating current only) or from batteries. It is specially designed to build into Meccano models.

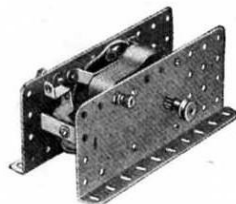
## E2 Electric Motor (6 Volt)

Similar to the E1 Motor, but fitted with extended side plates. This motor is very popular with model-builders.



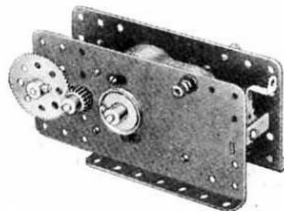
## E3 Electric Motor (6 Volt)

This highly efficient Electric Motor is similar to the E2 Motor in design. An additional feature, however, is the control mechanism with which it is fitted, enabling the motor to be started, stopped or reversed, as desired.



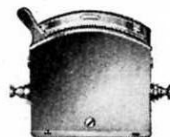
## E4 Electric Motor (6 Volt)

This motor is supplied with gearing assembled on each side. It may be driven from the main through a Meccano Transformer (alternating current only) or from batteries, and is fitted with a control mechanism enabling it to be started, stopped or reversed.



## Meccano Resistance Controller

By employing this variable resistance the speed of the Meccano Electric Motors (6 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.



## Meccano Transformers

Each Meccano 6-volt Electric Motor may be operated from the main current, safely and conveniently, by means of a Meccano Transformer. There are two types of Meccano Transformers available, one for 110 volt 60 cycles and the other for 110 volt 25 cycles.

## Meccano Clockwork Motor

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

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



# HORNBY TRAINS

Hornby Trains are manufactured by Meccano Limited and are made from the finest materials obtainable. All Hornby Locomotives are splendidly built with strong and reliable mechanism, and are beautifully enamelled

in correct railway colours. They are thoroughly tested before leaving the factory and are fully guaranteed.

Every hour spent in playing with a Hornby railway is brimful of thrills and enjoyment! The fun and fascination are never-ending.

## Hornby Mechanical Passenger Train Set CM 1



This Train Set is a realistic model consisting of Locomotive, Tender, two Passenger Cars, and track. The Locomotive is strongly built and is made of pressed steel with a one piece boiler and cab. Colours: Locomotive, red and black. Passenger Cars, green and gold.

## Hornby Mechanical Passenger Train Set CM 2

The contents of the CM 2 Train Set are similar to those of the CM 1 but differently coloured. Locomotive, green and black, with gold trimming. Passenger Cars, yellow and black.

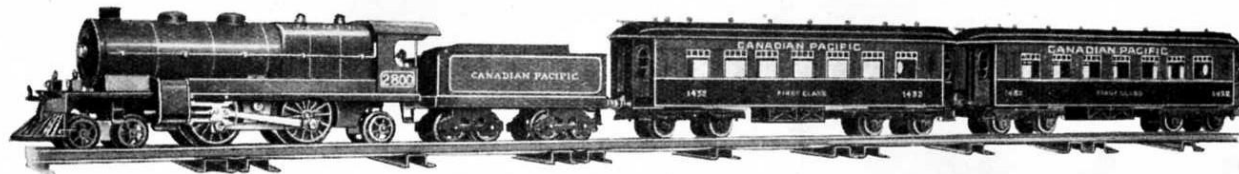
## Hornby Mechanical Freight Train Set CM

This fine freight Train Set consists of Locomotive, Tender, Box Cab, Tank Car, Caboose, and track. Colours: Locomotive, red and black. Box Car, yellow. Tank Car, red. Caboose, green. Packed in attractive cardboard box.



## Canadian Pacific Hornby Electric Passenger Train Set (15 volts)

This new Electric Train Set is distinctive in design and beautifully enamelled in colours. It consists of Locomotive, Tender, two Passenger Cars and Electrical Track. The powerful electric motor in the locomotive is operated from the electric light main (alternating current only) through a transformer capable of supplying 1 ampere at 15 volts. The Locomotive is fitted with reverse gear, controlled by a lever in the cab.



*Ask your dealer for a free illustrated price list.*

Ask your Meccano dealer for a free illustrated  
Price List giving details and prices of all  
Meccano Outfits and Accessory Parts.



# MECCANO

Hornby's Original System, First Patented 1901

## PATENTS AND DESIGNS

250,378  
253,236  
290,121  
319,160  
648,958  
671,484

### GREAT BRITAIN:

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

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

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

No Outfit is genuine unless it bears the Trade Mark MECCANO

## CONTENTS OF No. 0 OUTFIT

No.	Quantity.	No.	Quantity.	No.	Quantity.
2. $5\frac{1}{2}$ " Perforated Strips ..	4	23. $\frac{1}{2}$ " Pulley Wheel (without Set-screw) 1		48A. $2\frac{1}{2}$ " $\times$ $\frac{1}{2}$ " Double Angle Strips	2
5. $2\frac{1}{2}$ " " " ..	9	24. Bush Wheel .. ..	1	52. Perforated Flanged Plate, $5\frac{1}{2}$ " $\times$ $2\frac{1}{2}$ " 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 " $\frac{1}{2}$ " $\times$ $\frac{1}{2}$ " .. ..	8	36. Screwdriver .. ..	1	90A. Curved Strips, $2\frac{1}{2}$ " Small Radius	4
16. $3\frac{1}{2}$ " Axle Rods .. ..	2	37. Nuts and Bolts, $\frac{7}{32}$ " .. ..	16	111C. Bolts, $\frac{3}{8}$ " .. ..	6
17. 2" " " .. ..	2	37A. Nuts .. ..	6	125. $\frac{1}{2}$ " Reversed Angle Brackets	2
19s. Crank Handle, Small $3\frac{1}{2}$ " Shaft	1	40. Hank of Cord .. ..	1	126. Trunnions .. ..	2
22. 1" Pulley Wheels (with Set-screw)	4	44. Cranked Bent Strip .. ..	1	126A. Flat Trunnions .. ..	2

# MECCANO

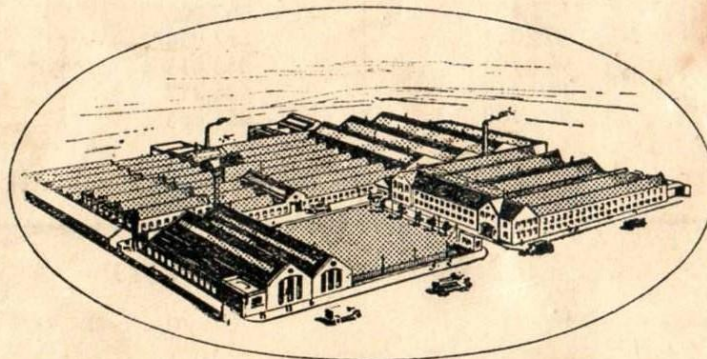
THE TOY THAT MADE ENGINEERING FAMOUS

Millions of boys in every country throughout the world play with Meccano.  
These are the Meccano Factories and distributing centres.

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



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



Head Office and Factory :  
OLD SWAN, LIVERPOOL, ENGLAND.

## Meccano Agencies :

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

Brussels,  
Buenos Aires,  
Cairo,  
Calcutta,  
Cape Town,  
Caracas,  
Constantinople,  
Durban,

Genoa,  
Hong Kong,  
Iquitos,  
Johannesburg,  
Karachi,  
Mexico City,  
Monte Video,  
Oslo,

Para,  
Rio de Janeiro,  
Santiago,  
San Paulo,  
Stockholm,  
Sydney,  
Tampico,  
Tanga.

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

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



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