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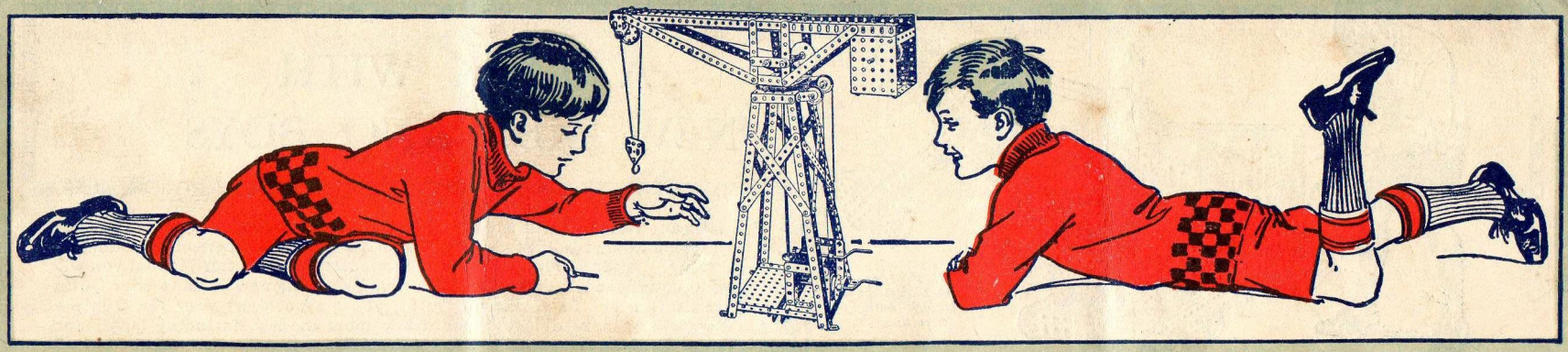

MECCANO

(TRADE MARKS 296321, 12633, 10274, 55/13476, 884/25, 2913)

INSTRUCTIONS

FOR OUTFIT No. 0

Price 6d.

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No. 28.0

OVERSEAS EDITION

428/10

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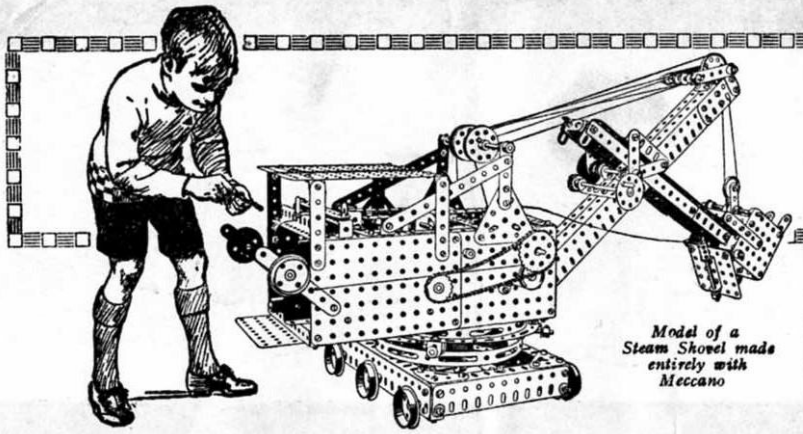

Model of a Steam Shovel made entirely with Meccano

A TALK WITH NEW MECCANO BOYS

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

MECCANO ACCESSORY OUTFITS

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

HOW TO BUILD WITH MECCANO

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

IMPROVED MECCANO PARTS

You will observe that a number of models included in this Manual show the new style 5½" × 2½" Flanged Plate (with flanges at the ends as well as the sides) and improved Sector Plate (with two additional rows of holes), but it should be noted that, although the new parts are more adaptable, the old-style plates may still be used in their place if desired. When it is required to journal an Axle Rod in a slot in the new Flanged Plates, an ordinary Strip should first be bolted to the Plate so that one of its holes forms an additional bearing for the Rod.

THE LIFE OF A MECCANO BOY

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

The " Meccano Magazine " is the Meccano boy's newspaper. It tells him of the latest Meccano models ; what Meccano Clubs are doing ; how to correspond with other Meccano boys ; the Competitions that are running, etc. It contains splendid articles on such subjects as Railways, Famous Engineers and Inventors, Electricity, Bridges, Cranes, Wonderful Machinery, Aeroplanes, Latest Patents, Radio, Stamps, Photography, Books and other topics of interest to boys, including suggestions for new Meccano parts and correspondence columns in which the Editor replies to his readers' enquiries. The publishing date is the 1st of each month.

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

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

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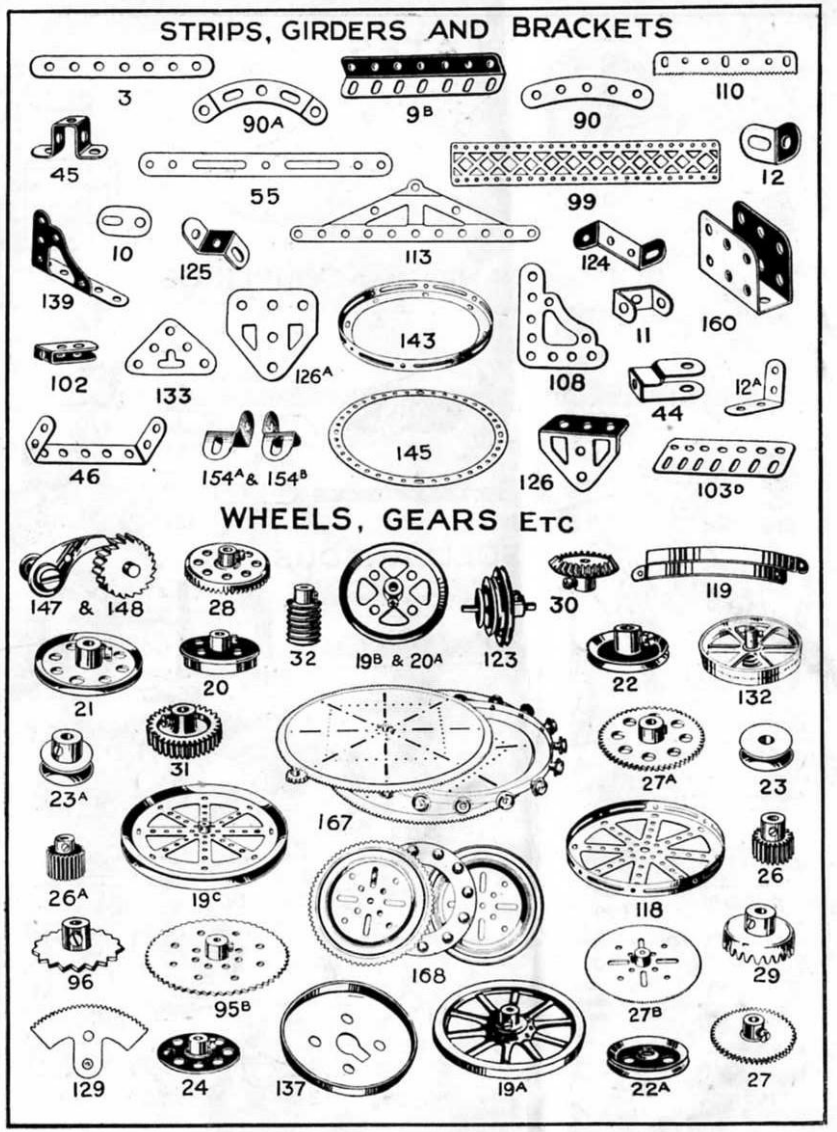

Particulars and Prices of Meccano Parts

No.			s.	d.
	Perforated Strips			
1.	12½″	½ doz.	1	6
1a.	9½″	„	1	2
1b.	7½″	„	1	0
2.	5½″	„	0	9
2a.	4½″	„	0	8
	Angle Girders			
7.	24½″	each	1	0
7a.	18½″	„	0	9
8.	12½″	½ doz.	2	6
8a.	9½″	„	2	0
8b.	7½″	„	1	8
9.	5½″	„	1	4
*10.	Flat Brackets			0 3
*11.	Double Brackets	each	0	1
*12.	Angle Brackets, ½″×½″	doz.	0	4
*12a.	„ „ 1″×1″	doz.	0	6
*12b.	„ „ 1″×½″	„	0	4
	Axle Rods			
13.	11½″	each	0	3
13a.	8″	„	0	3
14.	6½″	„	0	2
15.	5″	„	0	2
15a.	4½″	„	0	1
16.	3½″	„	0	1
19.	Crank Handles, Large	each	0	3
19s.	„ „ Small	„	0	3
19a.	Wheels, 3″ diam., with set screws	„	0	8
20.	Flanged Wheels, 1½″ diam.	„	0	7
20b.	„ „ ¾″ „	„	0	6
	Pulley Wheels			
19b.	3″ dia. with centre boss and set screw	„	0	10
19c.	6″ „ „ „ „ „	„	2	10
20a.	2″ „ „ „ „ „	„	0	7
21.	1½″ „ „ „ „ „	„	0	6
22.	1″ „ „ „ „ „	„	0	5
23a.	½″ „ „ „ „ „	„	0	5
22a.	1″ „ without „ „ „	„	0	3
23.	½″ „ „ „ „ „	„	0	3
24.	Bush Wheels	„	0	6
25.	Pinion Wheels, ¾″ diam.	„	0	8
25a.	„ „ ¾″ „ double width face ...	„	0	11
26.	„ „ ½″ „	„	0	6
26a.	„ „ ½″ „ double width face ...	„	0	8
	Gear Wheels			
27.	50 teeth to gear with ¾″ pinion ...	„	0	8
27a.	57 „ „ „ ½″ „	„	0	8
27b.	133 „ „ „ ½″ „ (3½″ diam.)	„	1	9
28.	Contrate Wheels, 1½″ diam.	„	1	0
29.	„ „ ¾″ „	„	0	8
30.	Bevel Gears, ½″, 26 teeth	„	1	0
30a.	„ „ ½″, 16 „ } Can only be	„	0	8
30c.	„ „ 1½″, 48 „ } used together	„	2	3
31.	Gear Wheels, 1″, 38 teeth	„	1	5
32.	Worm Wheels	„	0	7
34.	Spanners	„	0	3
34b.	Box Spanners	„	0	6
35.	Spring Clips	per box (doz.	0	4
36.	Screw Drivers	each	0	4

No.			s.	d.
36a.	Screwdrivers, Extra Long	each	0	8
36b.	Screwdriver, special	„	1	5
37.	Nuts and Bolts, 7/32″ ...	per box (doz.)	0	8
37a.	Nuts	„	0	4
37b.	Bolts, 7/32″	„	0	4
*38.	Washers	„	0	1
40.	Hanks of Cord	each	0	2
41.	Propeller Blades	per pair	0	6
43.	Springs	each	0	3
*44.	Cranked Bent Strips	„	0	2
45.	Double „ „	„	0	2
46.	Double Angle Strips, 2½″×1″ ...	½ doz.	0	9
47.	„ „ „ 2½″×1½″ ...	„	1	0
47a.	„ „ „ 3″×1½″ ...	„	1	2
48.	„ „ „ 1½″×½″ ...	„	0	6
48a.	„ „ „ 2½″×½″ ...	„	0	7
48b.	„ „ „ 3½″×½″ ...	„	0	9
48c.	„ „ „ 4½″×½″ ...	„	1	0
48d.	„ „ „ 5½″×½″ ...	„	1	2
50a.	Eye Pieces, with boss	each	0	6
52.	Perforated Flanged Plates, 5½″×2½″	„	0	7
52a.	Flat Plates, 5½″×3½″	„	0	7
53.	Perforated Flanged Plates, 3½″×2½″	„	0	5
53a.	Flat Plates, 4½″×2½″	„	0	5
54.	Perforated Flanged Sector Plates	„	0	5
55.	Perforated Strips, slotted, 5½″ long	„	0	3
55a.	„ „ „ 2″ „	„	0	2
56.	Instruction Manuals, No. 4-7 ...	„	2	0
56a.	„ „ No. 60-3 ...	„	2	0
56b.	„ „ No. 0	„	0	6
56c.	Meccano Standard Mechanisms Manual	„	1	6
57.	Hooks	each	0	1
57a.	„ Scientific	„	0	2
57b.	„ Loaded	„	0	4
58.	Spring Cord	per length	1	2
59.	Collars with Set Screws	2 for	0	5
61.	Windmill Sails	each	0	2
62.	Cranks	„	0	4
62a.	Threaded Cranks	„	0	6
62b.	Double Arm Cranks	„	0	4
63.	Couplings	„	0	8
63a.	Octagonal Couplings	„	1	0
63b.	Strip Couplings	„	1	0
63c.	Threaded Couplings	„	0	8
64.	Threaded Bosses	„	0	3
65.	Centre Forks	„	0	2
66.	Weights, 50 grammes	„	1	5
67.	„ 25 „	„	1	5
68.	Woodscrews, ½″	doz.	0	4
69.	Set Screws	„	0	4
69a.	Grub Screws, 5/32″...	„	0	6
69b.	„ „ 7/32″...	„	0	8
70.	Flat Plates, 5½″×2½″	each	0	6
72.	„ „ 2½″×2½″	„	0	3
76.	Triangular Plates, 2½″	„	0	3
77.	„ „ 1″	„	0	2
	Screwed Rods			
78.	11½″	each	0	9
79.	8″	„	0	7
79a.	6″	„	0	6
80.	5″	„	0	5
80a.	3½″	each	0	4
80b.	4½″	„	0	5
81.	2″	„	0	3
82.	1″	„	0	2

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

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

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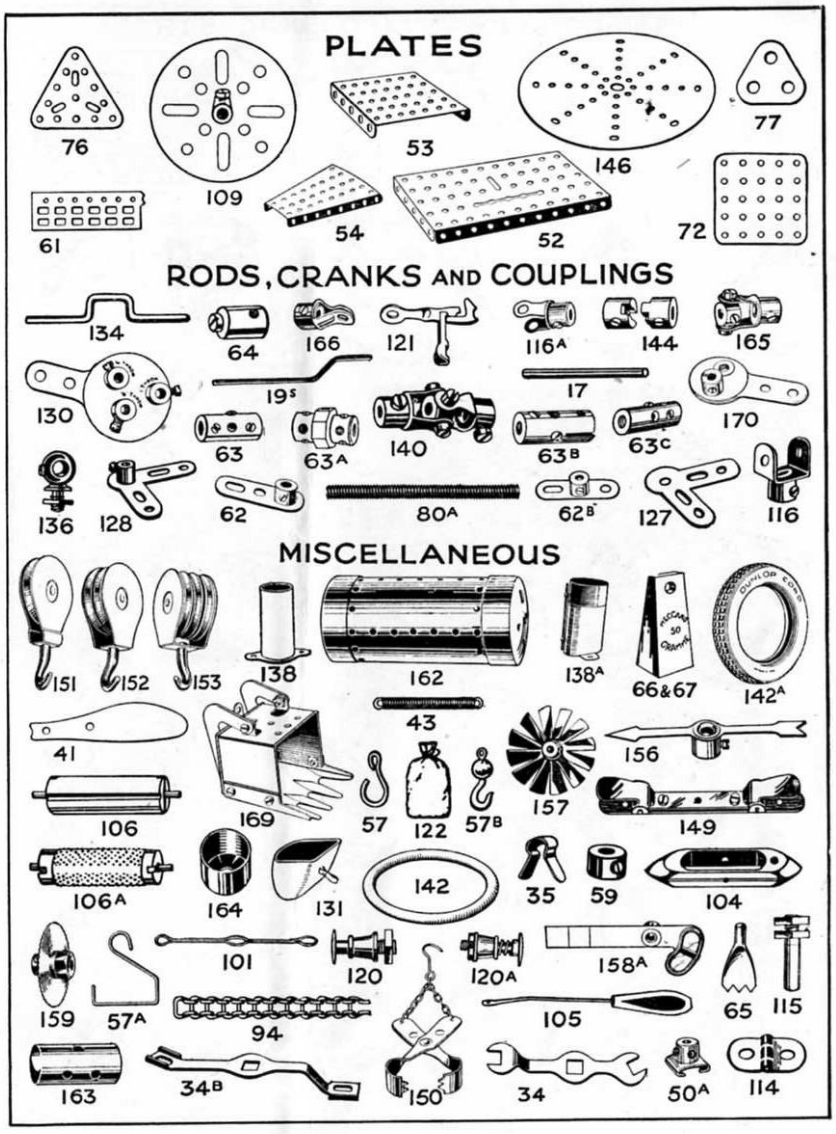
Particulars and Prices of Meccano Parts (*continued*)

No.		s.	d.
89.	5½" Curved Strips, 10" radius ... each	0	3
89a.	3" Curved Strips, cranked, 1¾" radius, 4 to circle "	0	3
90.	2½" " " 2¾" radius ... "	0	2
90a.	2½" " " cranked, 1¾" radius, 4 to circle "	0	2
94.	Sprocket Chain ... ... per 40" length	0	8
*95.	Sprocket Wheels, 2" diam. ... ... each	0	7
*95a.	" " 1½" " ... ... "	0	6
*95b.	" " 3" " ... ... "	0	9
*96.	" " 1" " ... ... "	0	5
*96a.	" " ¾" " ... ... "	0	4
97.	Braced Girders, 3½" long ... ... ½ doz.	1	3
97a.	" " 3" " ... ... "	1	0
98.	" " 2½" " ... ... "	1	0
99.	" " 12½" " ... ... "	3	9
99a.	" " 9½" " ... ... "	2	10
99b.	" " 7½" " ... ... "	2	10
100.	" " 5½" " ... ... "	1	6
100a.	" " 4½" " ... ... "	1	3
101.	Healds, for looms ... ... doz.	1	0
102.	Single Bent Strips ... ... each	0	2
103.	Flat Girders, 5½" long ... ... ½ doz.	1	2
103a.	" " 9½" " ... ... "	1	8
103b.	" " 12½" " ... ... "	1	9
103c.	" " 4½" " ... ... "	1	0
103d.	" " 3½" " ... ... "	0	10
103e.	" " 3" " ... ... "	0	8
103f.	" " 2½" " ... ... "	0	7
103g.	" " 2" " ... ... "	0	6
103h.	" " 1½" " ... ... "	0	6
103k.	" " 7½" " ... ... "	1	5
*104.	Shuttles, for looms ... ... each	10	9
105.	Reed Hooks, for looms... ... ... "	0	6
106.	Wood Rollers ... ... "	2	2
106a.	Sand Rollers ... ... "	2	6
107.	Tables for Designing Machines ... "	2	2
108.	Architraves ... ... "	0	3
109.	Face Plates, 2½" diam. ... ... "	0	6
110.	Rack Strips, 3½" ... ... "	0	3
111.	Bolts, ¾" ... ... each	0	1
111a.	" ½" ... ... 3 for	0	2
111c.	" ¾" ... ... doz.	0	4
113.	Girder Frames ... ... each	0	5
*114.	Hinges ... ... per pair	0	6
115.	Threaded Fins ... ... each	0	3
*116.	Fork Pieces, Large ... ... "	0	5
116a.	" " Small ... ... "	0	5
117.	Steel Balls, ¾" diam. ... ... doz.	0	9
118.	Hub Discs, 5½" " ... ... each	1	9
119.	Channel Segments (8 to circle, 11½" diam.) ... ... "	0	6
120.	Buffers ... ... "	0	3
120a.	Spring Buffers ... ... per pair	1	0
120b.	Compression Springs ... ... each	0	2
121.	Train Couplings ... ... "	0	3
122.	Miniature Loaded Sacks ... ... "	0	3
*123.	Cone Pulleys ... ... "	1	9
*124.	Reversed Angle Brackets, 1" ... ½ doz.	0	6
125.	" " " ½" ... ... "	0	4
126.	Trunnions ... ... each	0	3
126a.	Flat Trunnions ... ... each	0	2
127.	Simple Bell Cranks ... ... "	0	2
128.	Boss Bell Cranks ... ... "	0	5
*129.	Rack Segments, 3" diam. ... ... "	0	7
*130.	Triple Throw Eccentrics ... ... "	1	5
131.	Dredger Buckets ... ... ½ doz.	1	5
132.	Flywheels, 2¾" diam. ... ... each	2	9
133.	Corner Brackets ... ... "	0	2
*134.	Crank Shafts, 1" stroke ... ... "	0	3
135.	Theodolite Protractors ... ... "	0	3
136.	Handrail Supports ... ... "	0	5
137.	Wheel Flanges ... ... "	0	5
138.	Ship's Funnels ... ... "	0	5
138a.	" " Cunard type ... "	1	2
139.	Flanged Brackets (right) ... ... "	0	3
139a.	" " (left) ... ... "	0	3
140.	Universal Couplings ... ... "	1	2
141.	Wire Lines (for suspending clock weights) ... ... "	1	0
142.	Rubber Rings, 3" rim ... . "	0	5
142a.	Dunlop Tyre to fit 2" diam. rim... "	0	6
142b.	" " " 3" " ... "	0	9
143.	Circular Girders, 5½" diam. ... ... "	1	5
144.	Dog Clutches ... ... "	0	9
145.	Circular Strips, 7" diam. over all ... "	1	1
146.	" Plates, 6" " ... ... "	1	5
*147.	Pawls, with pivot bolt and nuts "	0	5
*147a.	Pawls ... ... "	0	3
*147b.	Pivot Bolt with 2 nuts ... ... "	0	3
148.	Ratchet Wheels ... ... "	0	9
149.	Collecting Shoes, for Electric Locos "	2	3
150.	Crane Grabs... ... ... "	0	10
151.	Pulley Blocks, Single Sheave ... "	1	0
152.	" " Two " ... "	1	2
153.	" " Three " ... "	1	5
*154a.	Corner Angle Brackets, ½", right hand ... ... ½ doz.	0	8
*154b.	Corner Angle Brackets, ½" left hand "	0	8
155.	Rubber Rings, ½" ... ... each	0	2
*156.	Pointers, 2½" over all, with boss... "	0	6
157.	Fans, 2" diam. ... ... "	0	6
158a.	Signal Arms, Home ... ... "	0	8
158b.	" " Distant ... ... "	0	8
*159.	Circular Saws ... ... "	1	5
160.	Channel Bearings, 1½"×1"×½" ... "	0	3
162.	Boiler, complete with ends ... ... "	1	5
162a.	Boiler ends ... ... "	0	5
163.	Sleeve Pieces ... ... pair	0	8
164.	Chimney Adaptors ... ... each	0	3
165.	Swivel Bearings ... ... "	0	9
166.	End " ... ... "	0	5
167.	Geared Roller Bearings ... ... "	28	6
167a.	Roller Races, geared, 192 teeth ... "	6	6
167b.	Ring Frames for Rollers ... ... "	4	3
167c.	Pinions for Roller Bearings, 16 teeth "	1	5
168.	Ball Bearings, 4" diam. ... ... "	4	3
168a.	Ball Races, flanged ... ... "	0	9
168b.	" " geared ... ... "	1	1
168c.	Ball Casings, complete with balls "	2	6
169.	Digger Buckets ... ... "	3	0
*170.	Eccentrics, ½" throw ... ... "	1	2

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

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



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WHAT THE GUILD MEANS

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

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

BADGE OF MEMBERSHIP

GUILD LEADER'S BADGE

HOW TO BECOME A MEMBER

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

The price of the Guild membership badge is 7d. post free in the United Kingdom, but members abroad will be required to pay 5d. extra for registered postage. A remittance for the necessary amount should be sent along with the form of application. The Guild badge is beautifully enamelled in blue and white and is made for wearing in the lapel of the coat.

MECCANO GUILD MEMBER'S CERTIFICATE

MECCANO CLUBS

MECCANO CLUBS are founded and established under the guidance of the Guild Secretary at Headquarters and at the present time there are active Clubs in over one hundred towns and villages in the United Kingdom and in many countries Overseas. Each Club has its Leader, Secretary, Treasurer, and other officials all of whom, with the exception of the Leader, are boys. Write for information how to form a club, if there is no club near you.

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

RECRUITING MEDALLION

SPECIAL MERIT MEDALLION

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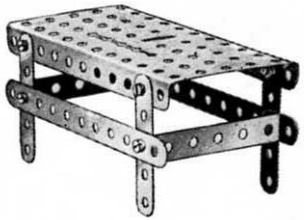
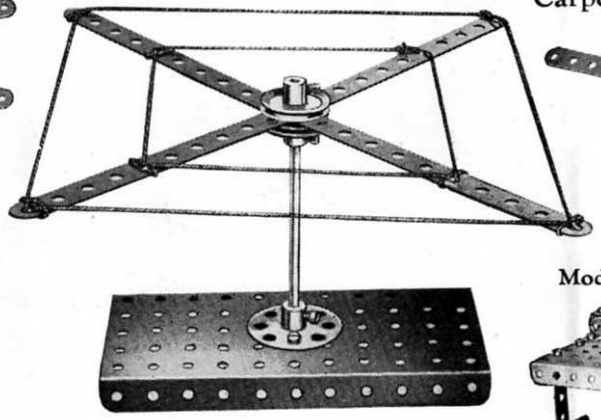
Model No. 00.1 **Table**



Model No. 00.2 **Dividers**

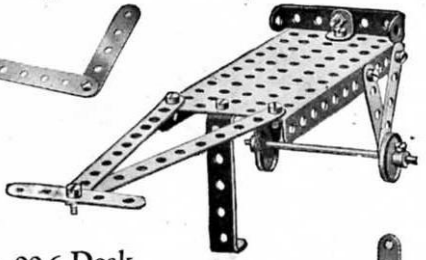
Model No. 00.3
Bench

Model No. 00.4 **Clothes Hanger**

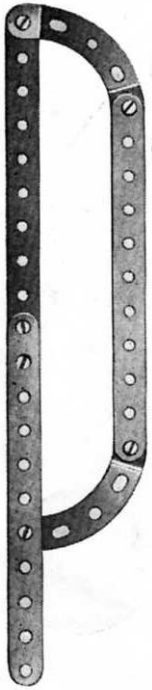


Model No. 00.5
Carpenter's Square

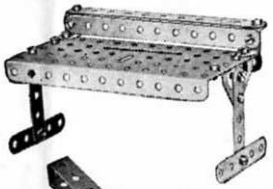
Model No. 00.7
Shipyard Bogie



Model No. 00.8
Meat Saw



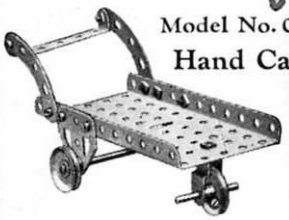
Model No. 00.6 **Desk**



Model No.
00.15
Rifle with Bayonet

Model No. 00.14
Farm Sight

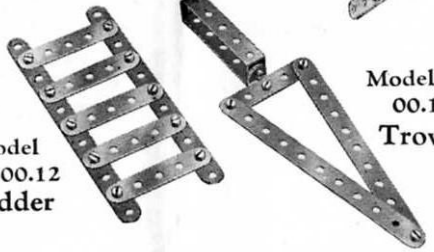
Model No. 00.9
Hand Cart



Model No. 00.11
Velocipede

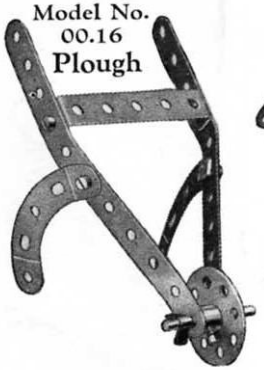
Model No.
00.10
Fire-Axe

Model
No. 00.12
Ladder

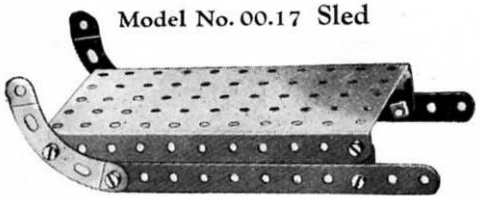


Model No.
00.13
Trowel

Model No.
00.16
Plough



Model No. 00.17 **Sled**



Model No. 00.18
Barrow

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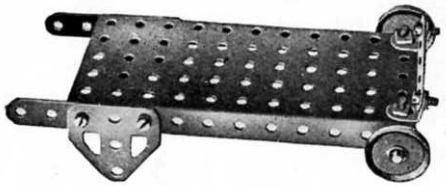
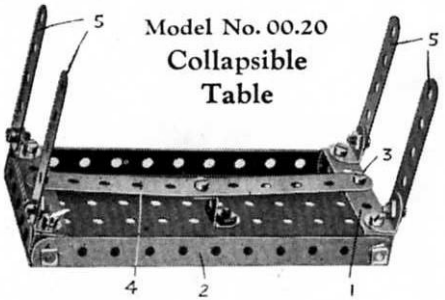
Model No. 00.19 Flat Truck



Model No. 00.20 Collapsible Table



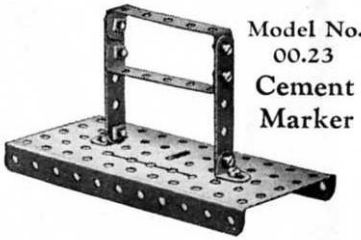
The $2\frac{1}{2}" \times \frac{1}{2}"$ Double Angle Strips 1 are attached to the $5\frac{1}{2}" \times 2\frac{1}{2}"$ Flanged Plate 2 by lock-nutted bolts, as in Standard Mechanism No. 263. The Bolts 3 are secured to the $5\frac{1}{2}"$ Strip 4 and their shanks engage with the centre holes in the $2\frac{1}{2}" \times \frac{1}{2}"$ Double Angle Strips 1, thus maintaining the legs 5 in an upright position. When it is desired to fold up the legs 5, it is only necessary to raise the ends of the Strip 4, thus freeing the Double Angle Strips 1. The table is shown in the folded position in Fig. 00.20A.

Model No. 00.21 Trolley

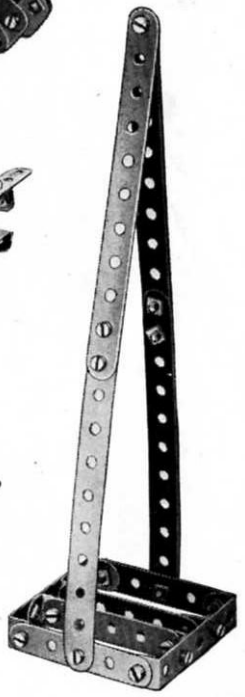
Model No. 00.24 Lewis Gun

Model No. 00.22 Spade

Model No. 00.23 Cement Marker



Model No. 00.25 Potato Chopper



Model No. 00.26 Motor Boat

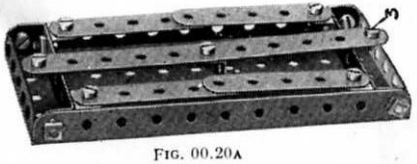
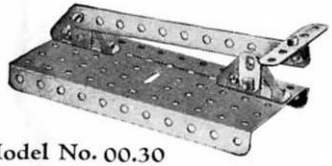


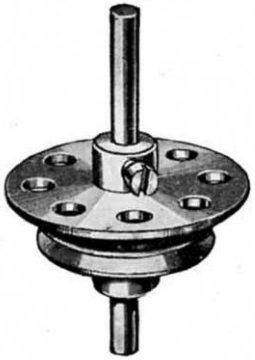
FIG. 00.20A

Model No. 00.31 Switch

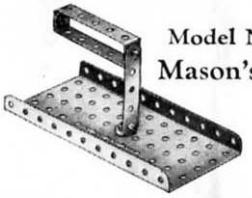


Model No. 00.27 Plasterer's Hawk

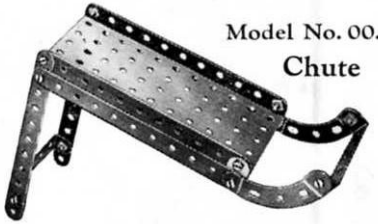
Model No. 00.29 Spinning Top



Model No. 00.30 Mason's Trowel



Model No. 00.28 Chute



Model No. 00.32 Baggage Cart

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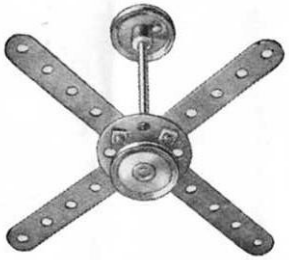
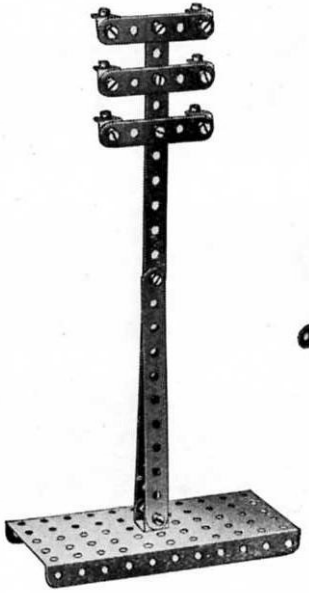
Model No. 00.33
Friction Grip Tongs

Model No. 00.34 **Tweezers**

Model No. 00.35 **Ceiling Fan**



Model No. 00.36
Telegraph Pole



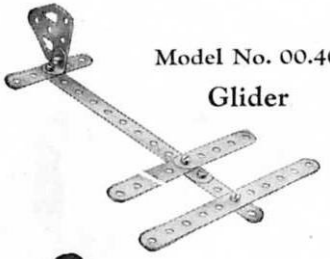
Model No. 00.37
Tin Opener

Model No. 00.38
Pen Rack

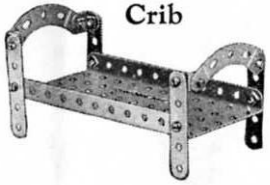
Model No.
00.39
Dividers

Model No. 00.43 **Book End**

Model No. 00.40
Glider

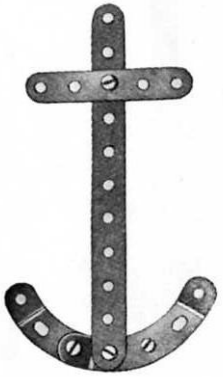


Model No. 00.41
Crib



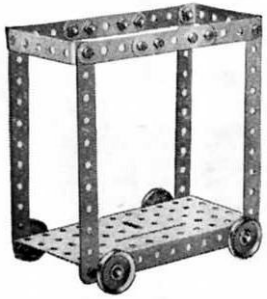
Model No. 00.42
Telegraph Key

Model No. 00.48
Anchor

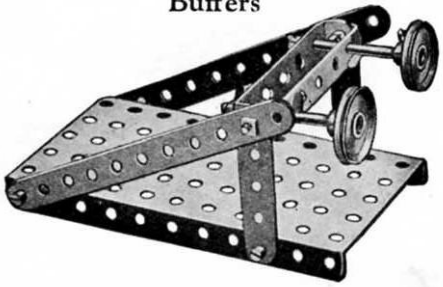


Model No.
00.44
Sword

Model No. 00.45
Refreshment Wagon



Model No. 00.46
Buffers



Model No. 00.47
Piano Stool

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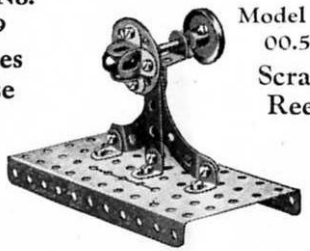
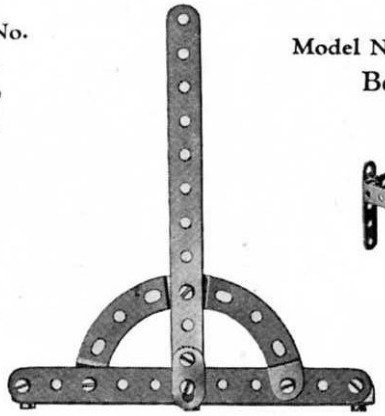
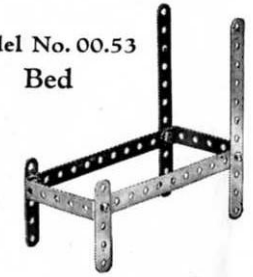
Model No. 00.49
Clothes Horse



Model No. 00.51
Scrap Reel



Model No. 00.52 Rake



Model No. 00.53
Bed

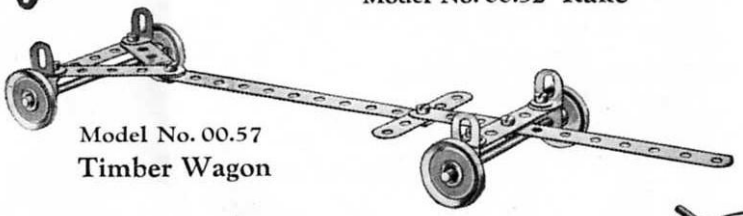
Model No. 00.55
Step Ladder

Model No. 00.50
Rake

Model No. 00.54
Track Gauge

Model No. 00.59
Gravel Sifter

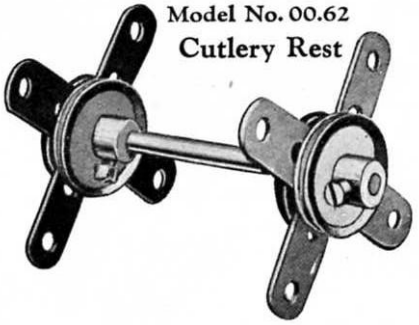
Model No. 00.56
Mail Bag Hanger



Model No. 00.57
Timber Wagon

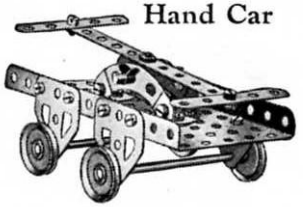
Model No. 00.58
Cheese Cutter

Model No. 00.61
Umbrella Stand

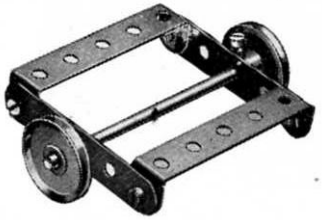


Model No. 00.62
Cutlery Rest

Model No. 00.63
Birdcage and Stand



Model No. 00.64
Hand Car



Model No. 00.60 Trolley

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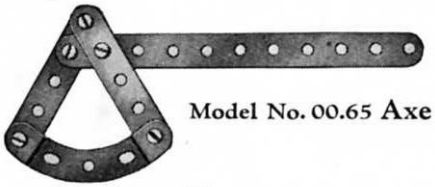
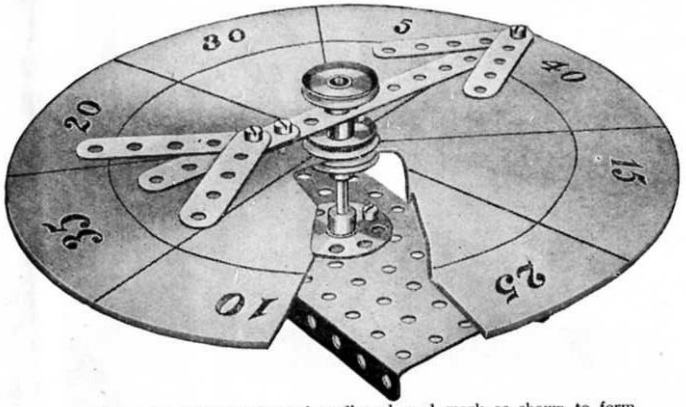
These Models can be built with MECCANO Outfit No. 00



Model No. 00.65 **Axe**

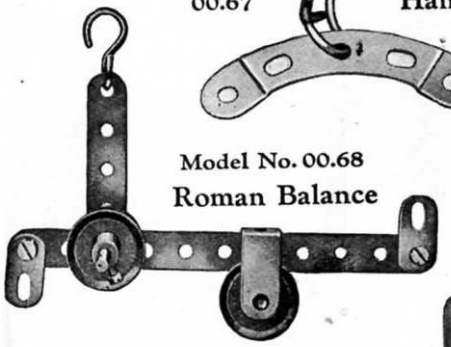
Model No. 00.66 **Roulette Wheel**



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

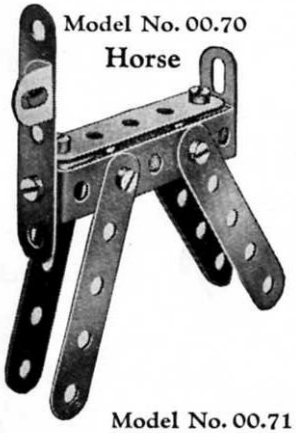
Model No. 00.67 **Coat Hanger**

Model No. 00.68 **Roman Balance**

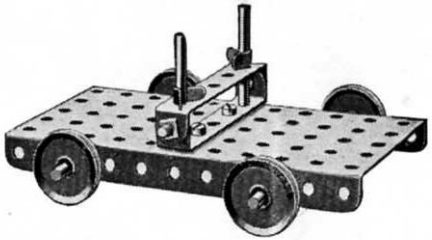


Model No. 00.69 **Fork**

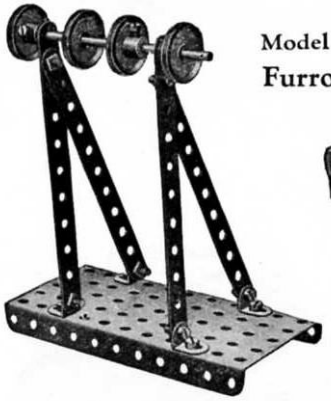
Model No. 00.70 **Horse**



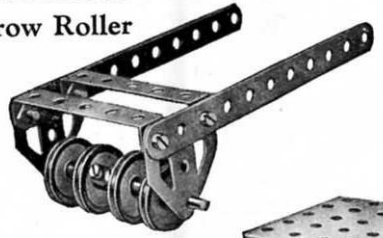
Model No. 00.71 **Timber Truck**



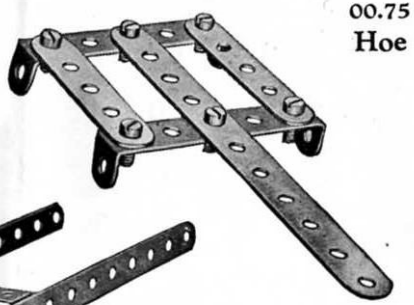
Model No. 00.72 **Pulley Shafting**



Model No. 00.73 **Furrow Roller**

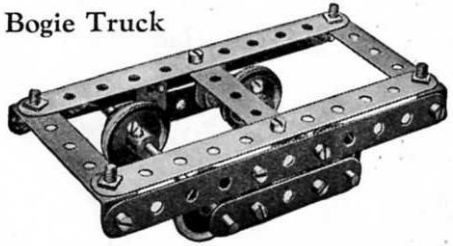


Model No. 00.74 **Grill**

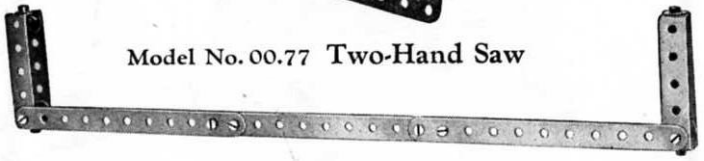


Model No. 00.75 **Hoe**

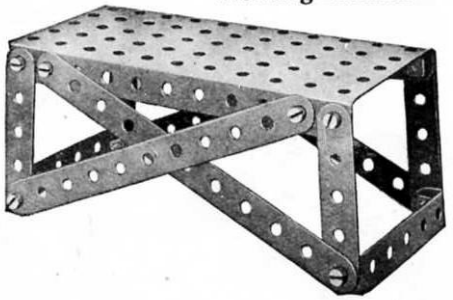
Model No. 00.76 **Bogie Truck**



Model No. 00.77 **Two-Hand Saw**



Model No. 00.78 **Planing Bench**



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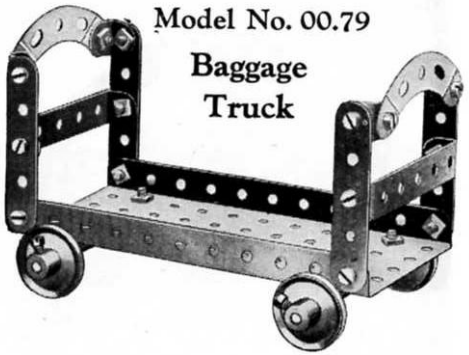
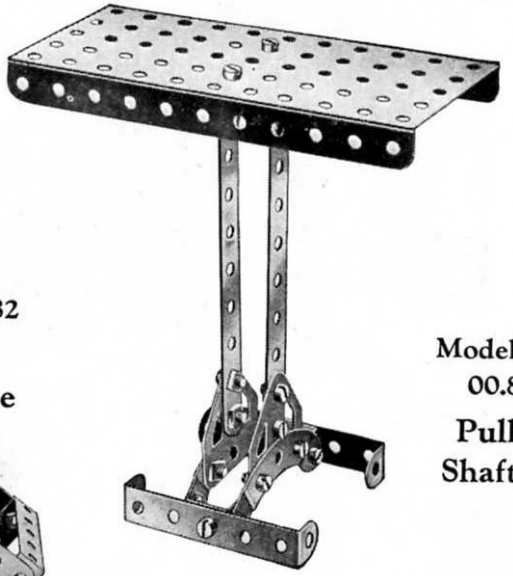
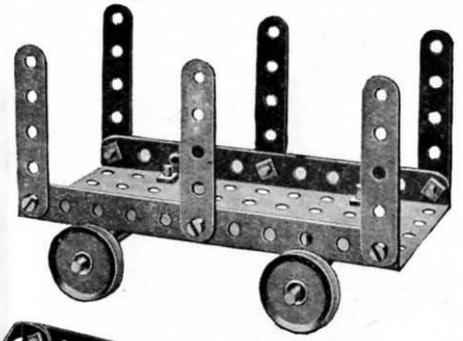
Model No. 00.79
Baggage Truck



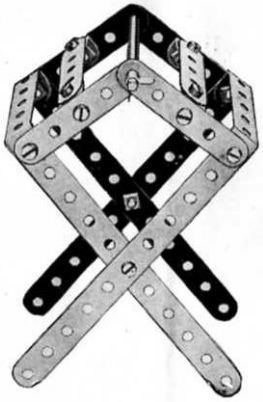
Model No. 00.80 Table



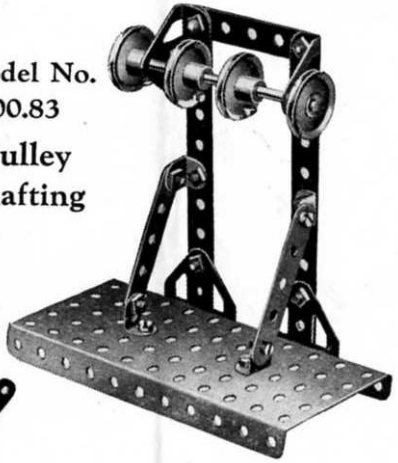
Model No. 00.81 Timber Truck



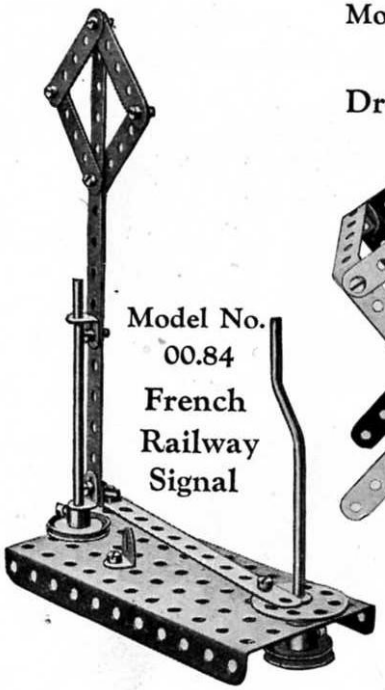
Model No. 00.82
Clothes Drying Frame



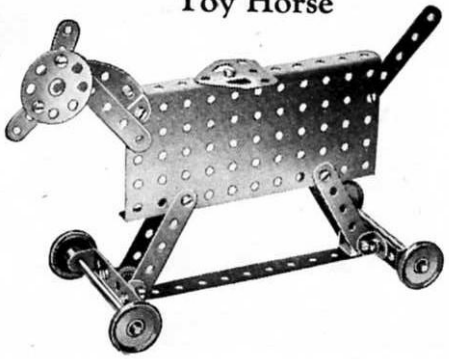
Model No. 00.83
Pulley Shafting



Model No. 00.84
French Railway Signal



Model No. 00.85
Toy Horse



Model No. 00.86
Mail Bag Hanger

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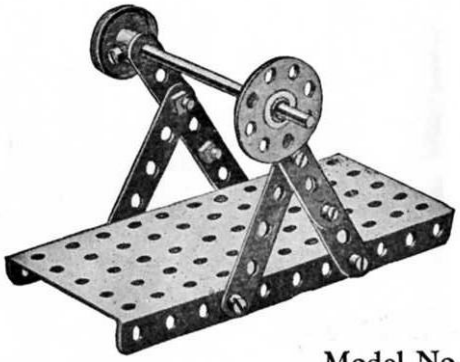
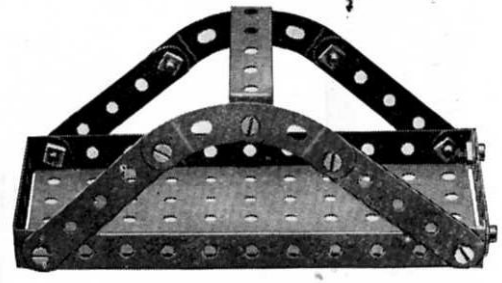
Model No. 00.87 **Buffing Spindle**

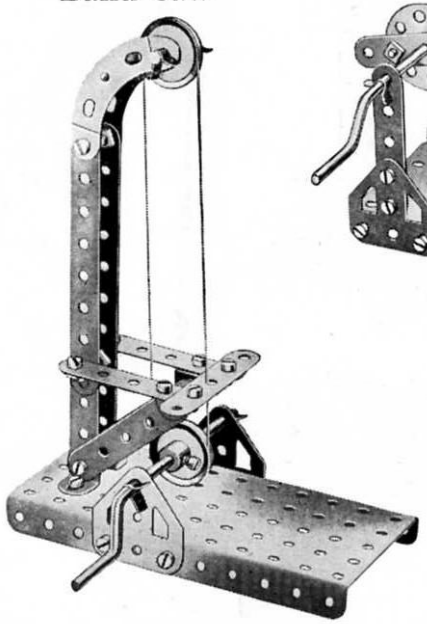


Model No. 00.88
Ski-Runner

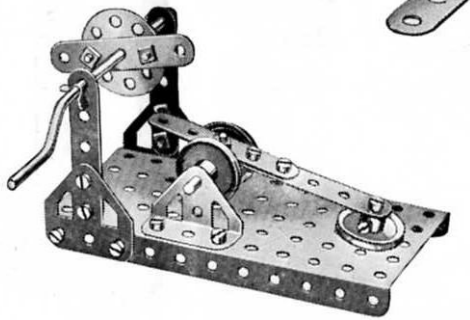
Model No. 00.89 **Cutlery Basket**



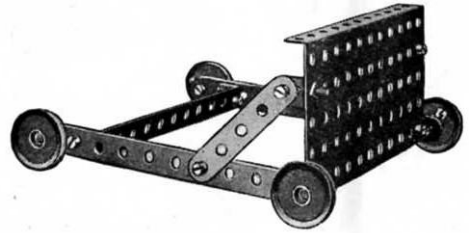
Model No. 00.92
Band Saw



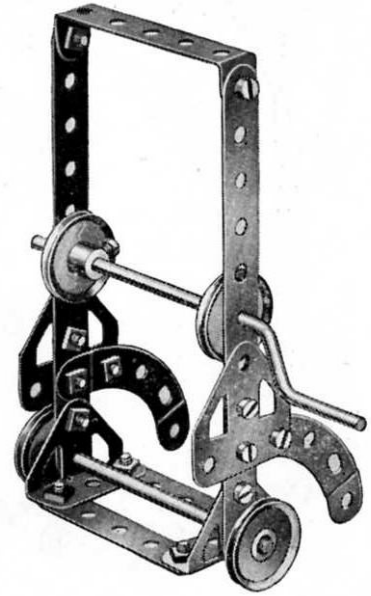
Model No. 00.90
Trip Hammer



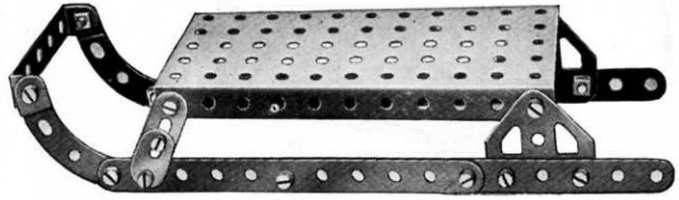
Model No. 00.91 **Devil Wall**



Model No. 00.94
Garden Hose Reel



Model No. 00.93 **Sled**



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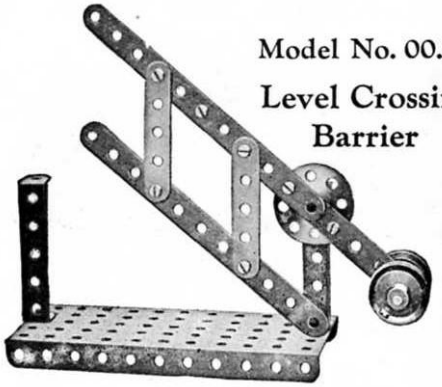
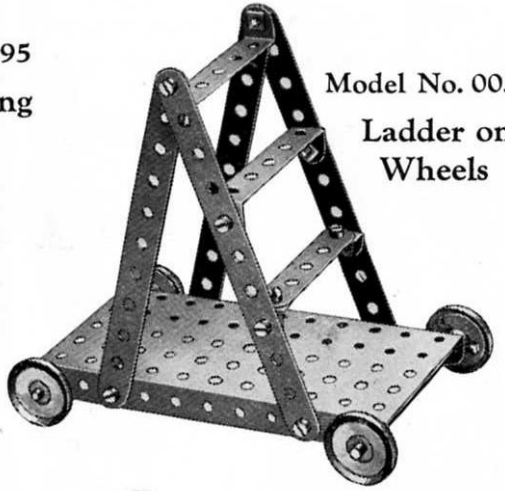
Model No. 00.95
Level Crossing Barrier

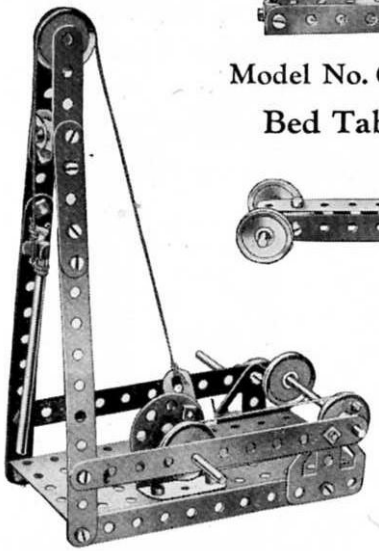


Model No. 00.96
Ladder on Wheels

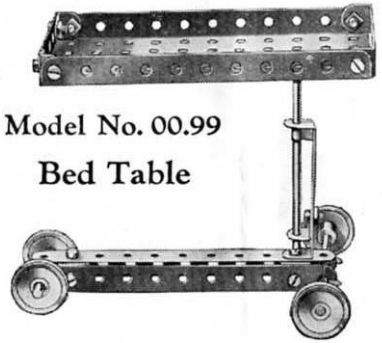


Model No. 00.97
Bath Chair

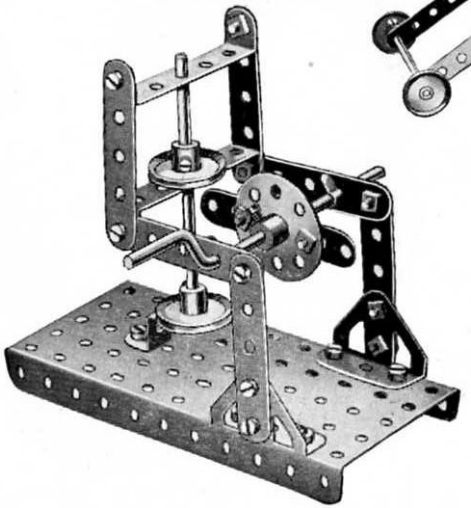
Model No. 00.98
Well Driller



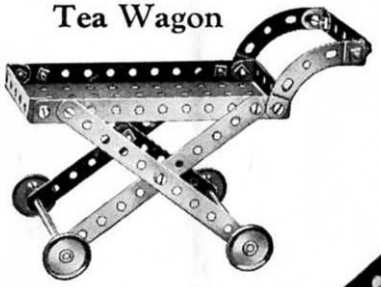
Model No. 00.99
Bed Table



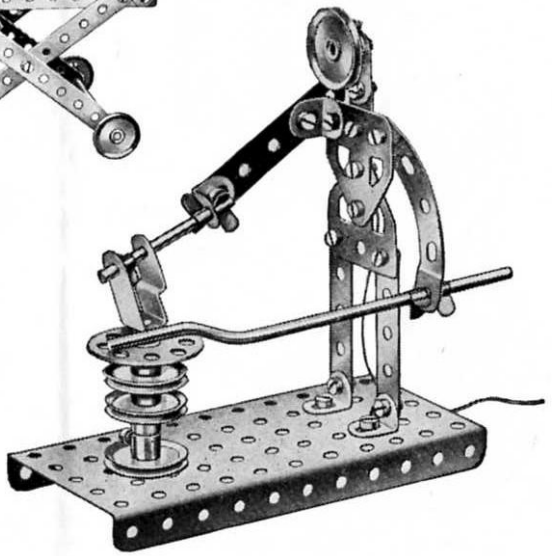
Model No. 00.100
Ore Crusher



Model No. 00.101
Tea Wagon



Model No. 00.102
Blacksmith



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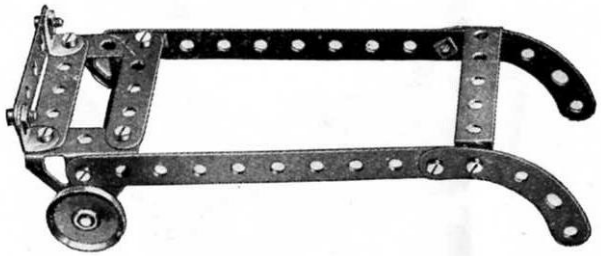
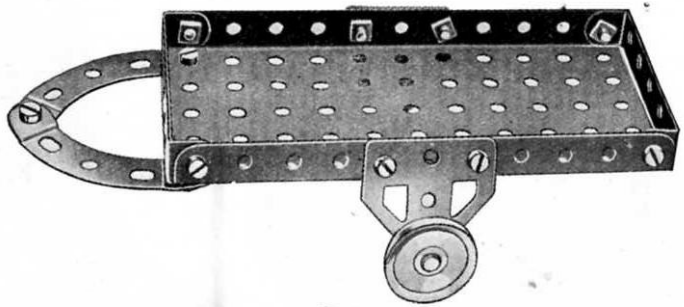
Model No. 00.103 **Porter's Trolley**



Model No. 00.104
Watch Stand

Model No. 00.105 **Hand Truck**

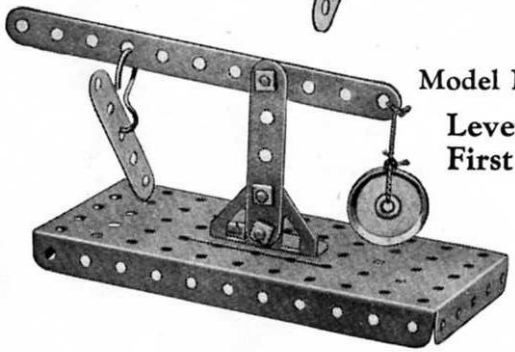


Model No. 00.106
Meccano Man

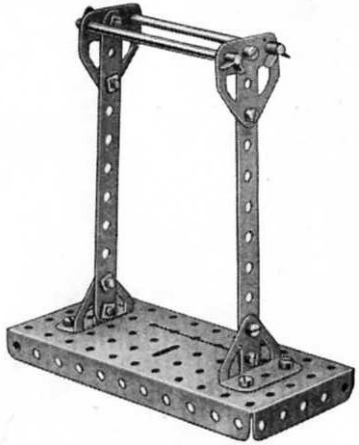
Model No. 00.107
Battle Axe

Model No. 00.108
Print Trimmer

Model No. 00.109
Lever of the First Order



Model No. 00.110
Towel Horse



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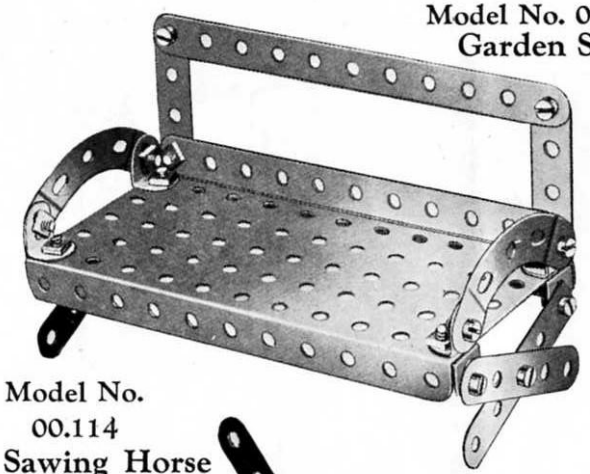
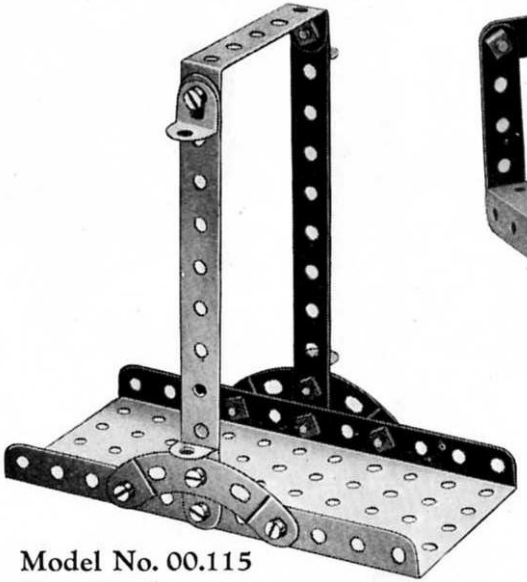
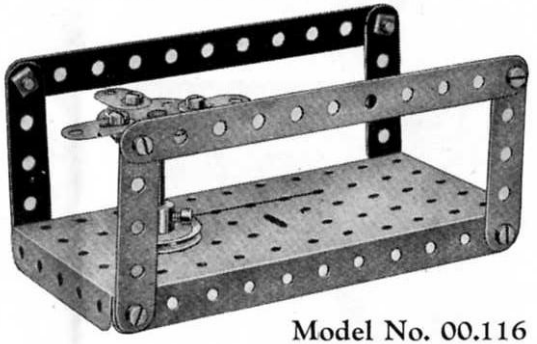
Model No. 00.111
Garden Seat



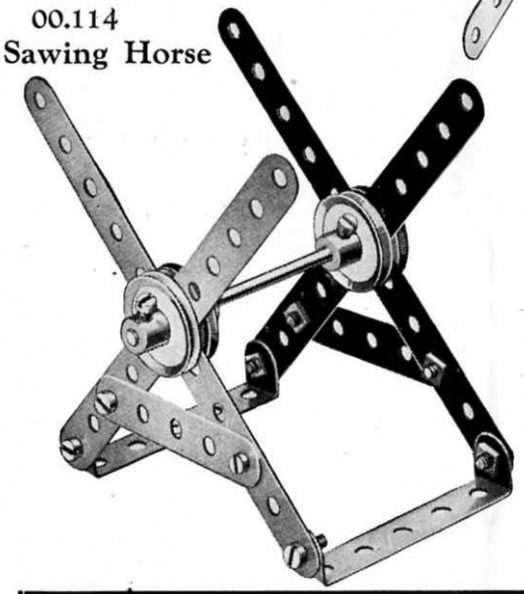
Model No. 00.112
Elevator Car



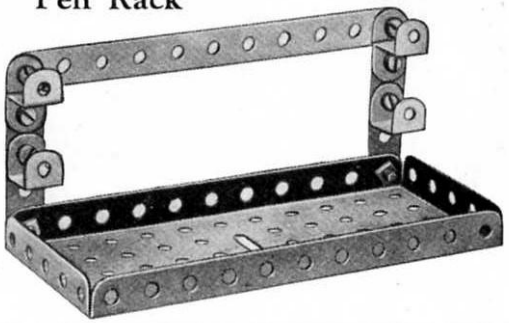
Model No. 00.113 Turnstile



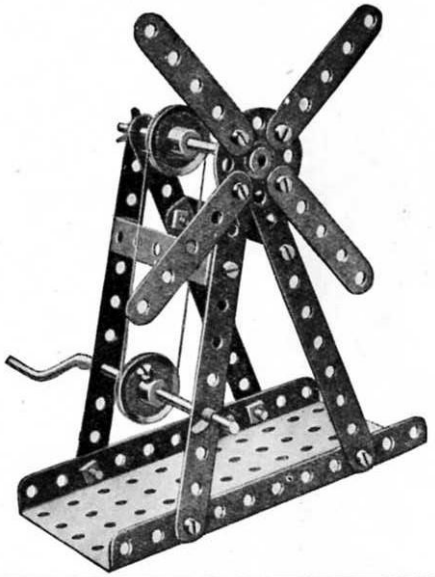
Model No. 00.114
Sawing Horse



Model No. 00.115
Pen Rack



Model No. 00.116
Windmill



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.

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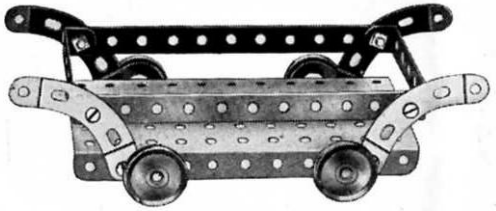
Model No. 0.1 Trolley



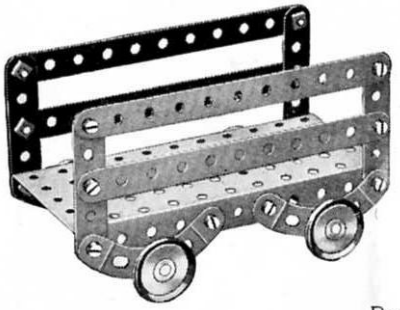
Parts required :

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

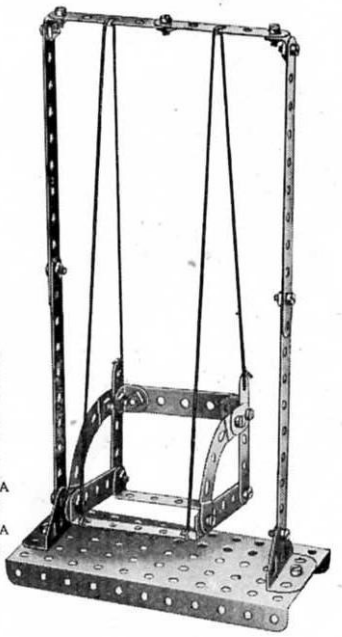
Model No. 0.2 Luggage Truck

Parts required :

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



Model No. 0.3 Swing



Parts required :

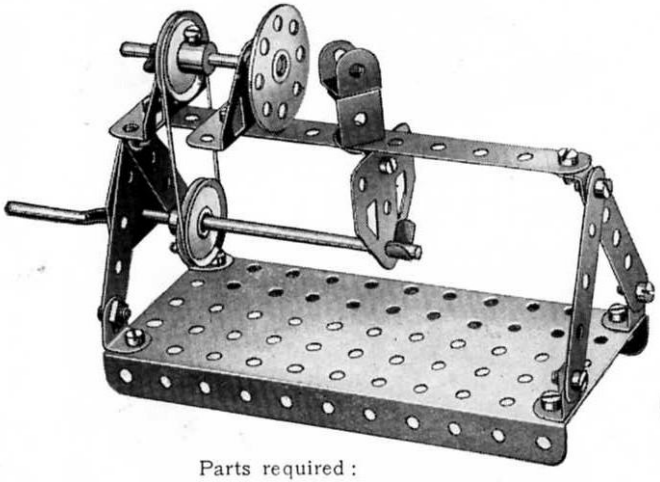
4 of No.	2
7 „ „	5
2 „ „	10
4 „ „	12
21 „ „	37
1 „ „	40
2 „ „	48A
1 „ „	52
2 „ „	90A
2 „ „	126

Model No. 0.4 Hat Rack

Parts required :

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

Model No. 0.5 Lathe



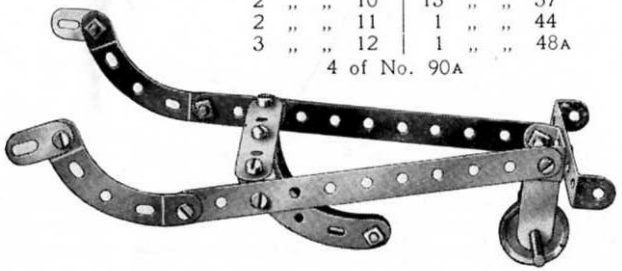
Parts required :

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

Model No. 0.6 Plough

Parts required :

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



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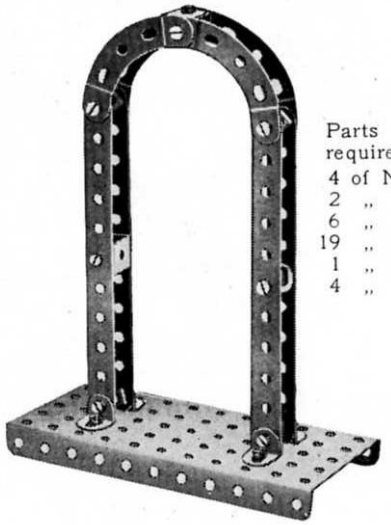
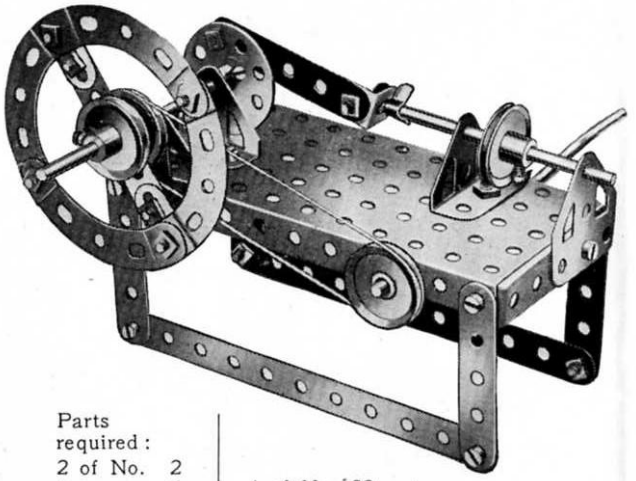
Model No. 0.7 Arch



Parts required :

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

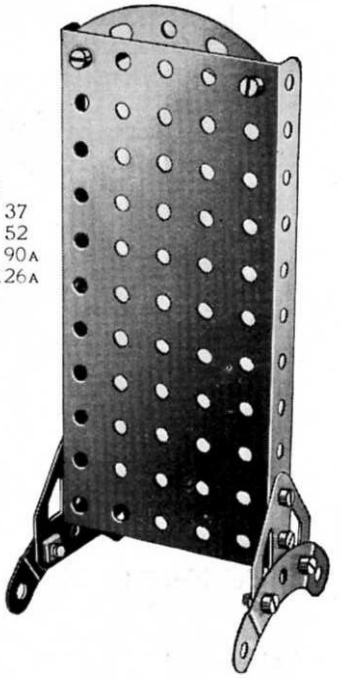
Model No. 0.8 Horizontal Engine



Parts required :

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

Model No. 0.9 Notice Board



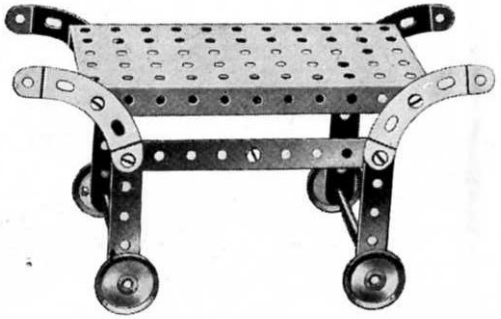
Parts required :

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

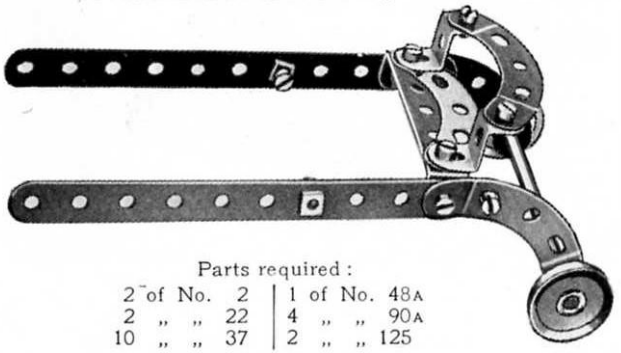
Model No. 0.10 Tea Wagon

Parts required :

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



Model No. 0.11 Sulkey



Parts required :

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

Model No. 0.12 Drafting Table

Parts required :

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

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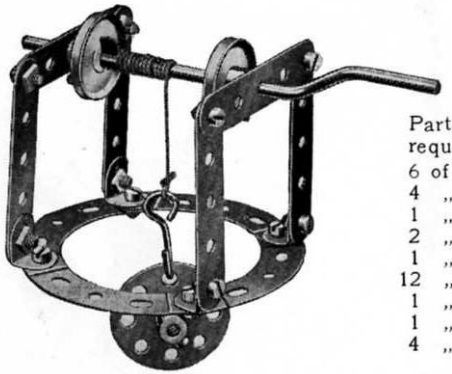
Model No. 0.13 Well Windlass



Parts required:

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

Model No. 0.14 Pulley Block

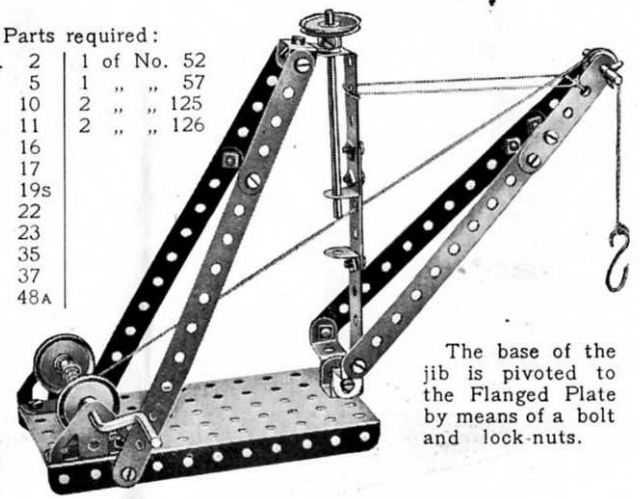
Parts required:

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

Model No. 0.15 Derricking Crane

Parts required:

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

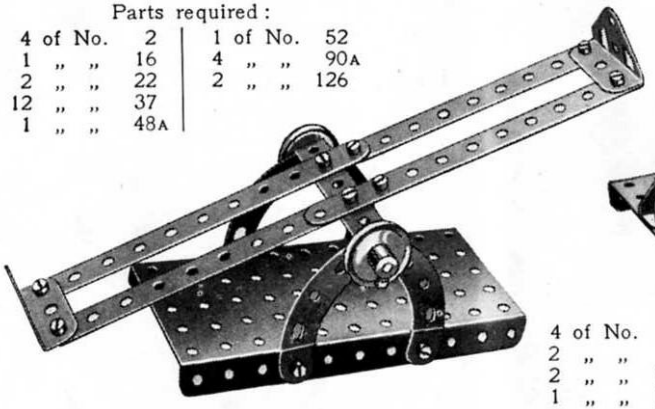


The base of the jib is pivoted to the Flanged Plate by means of a bolt and lock-nuts.

Model No. 0.16 See-Saw

Parts required:

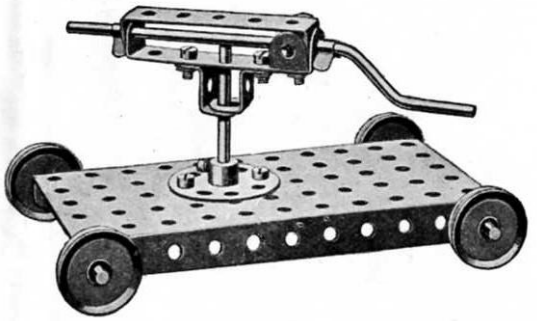
4	of No.	2
1	„ „	16
2	„ „	22
12	„ „	37
1	„ „	48A
1	of No.	52
4	„ „	90A
2	„ „	126



Model No. 0.17 Rock Drill

Parts required:

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



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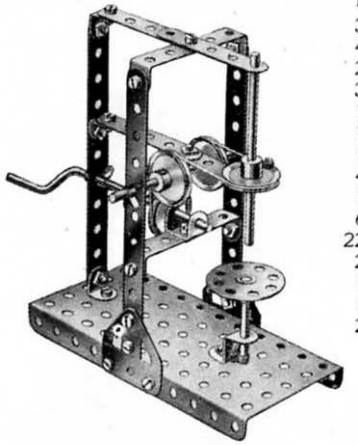
Model No. 0.18 Drilling Machine



Parts required:

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

Model No. 0.19 Scales

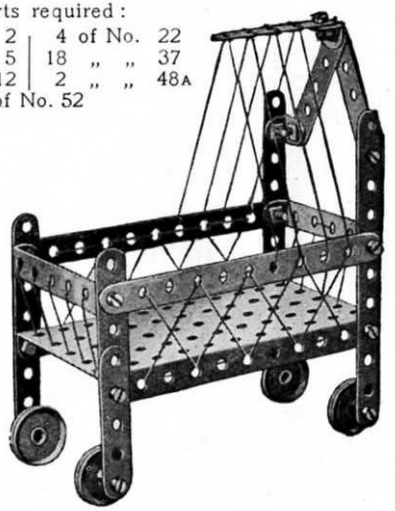
Parts required:

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

Model No. 0.20 Cot

Parts required:

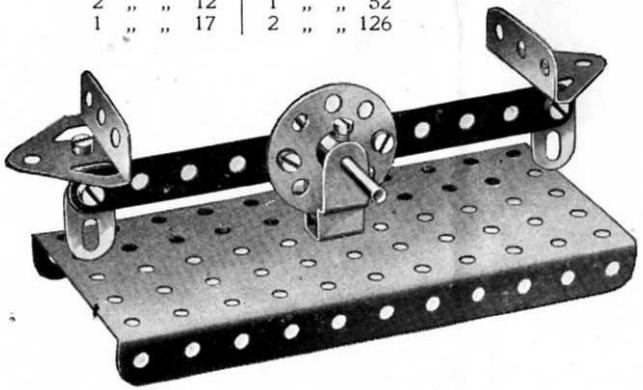
4	of No.		2	4	of No.		22
7	„	„	5	18	„	„	37
3	„	„	12	2	„	„	48A
				1	of No.		52



Model No. 0.21 Counter Scales

Parts required:

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



Model No. 0.22 Single Sheave Pulley Block

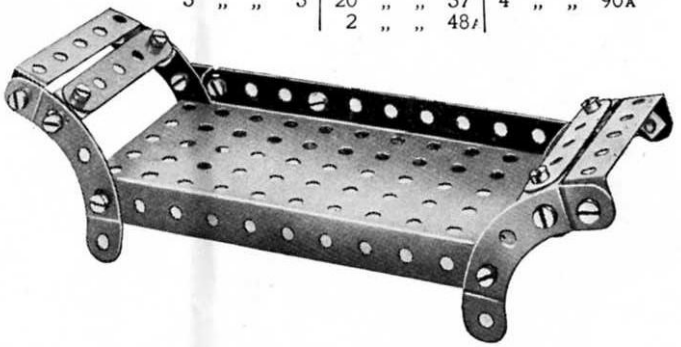
Parts required

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

Model No. 0.23 Couch

Parts required:

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



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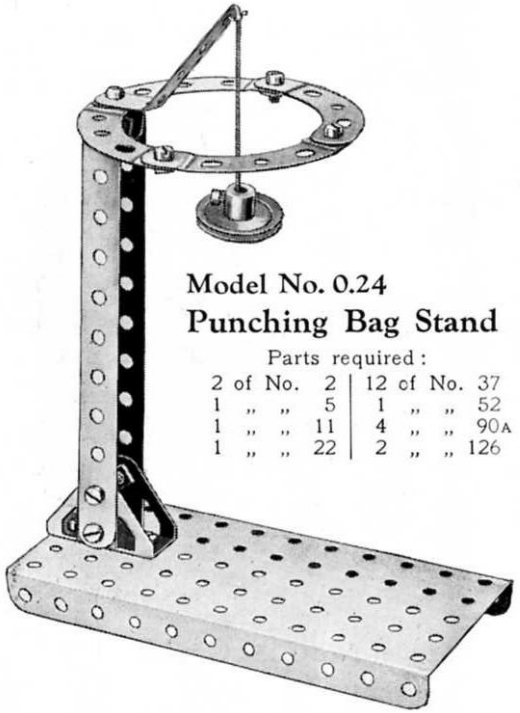
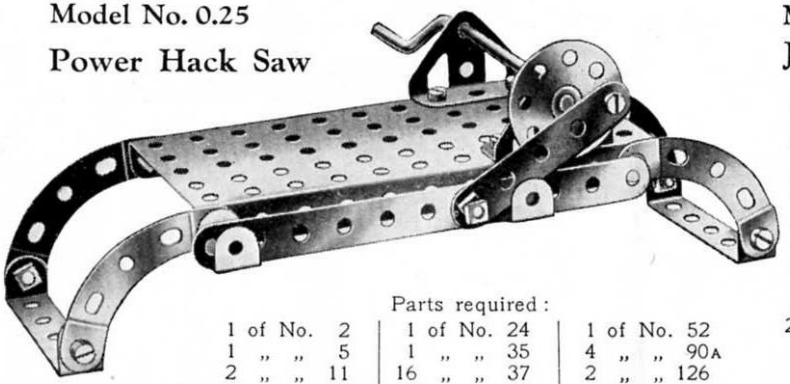


Model No. 0.24
Punching Bag Stand

Parts required :

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

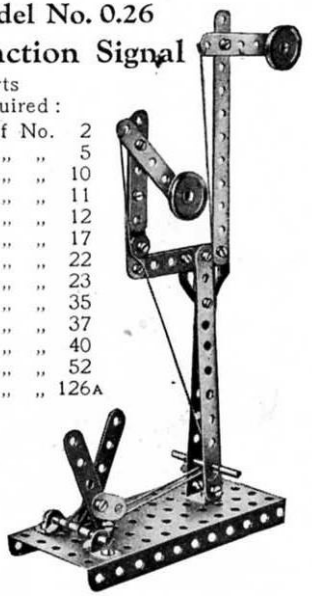
Model No. 0.25
Power Hack Saw



Parts required :

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

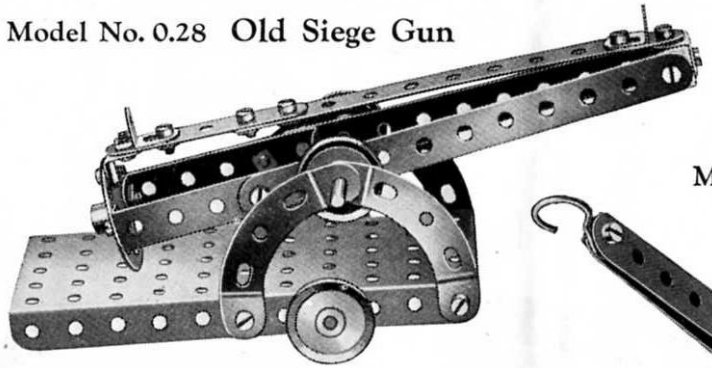
Model No. 0.26
Junction Signal



Parts required :

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

Model No. 0.28 Old Siege Gun



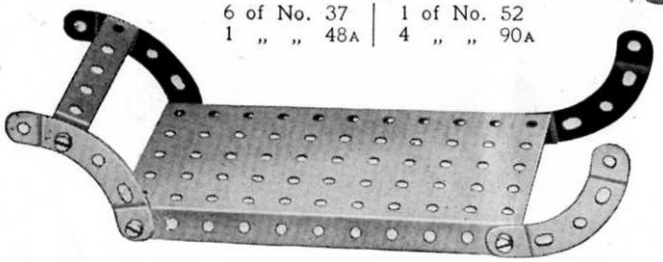
Parts required :

3 of No.	2	1 of No.	24
1 „ „	5	18 „ „	37
2 „ „	11	2 „ „	48A
4 „ „	12	1 „ „	52
2 „ „	16	4 „ „	90A
4 „ „	22		

Model No. 0.27 Sled

Parts required :

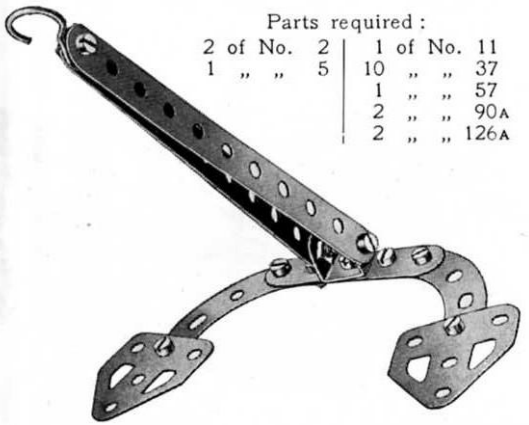
6 of No.	37	1 of No.	52
1 „ „	48A	4 „ „	90A



Model No. 0.29 Anchor

Parts required :

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



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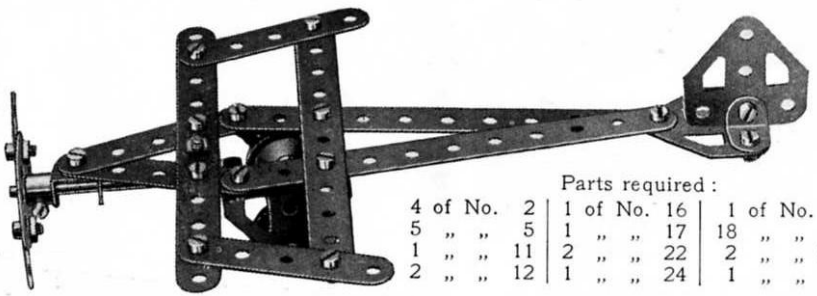
Model No. 0.30 Aeroplane



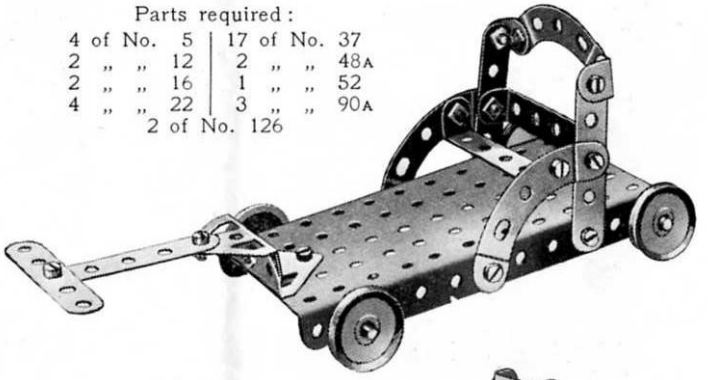
Parts required :

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

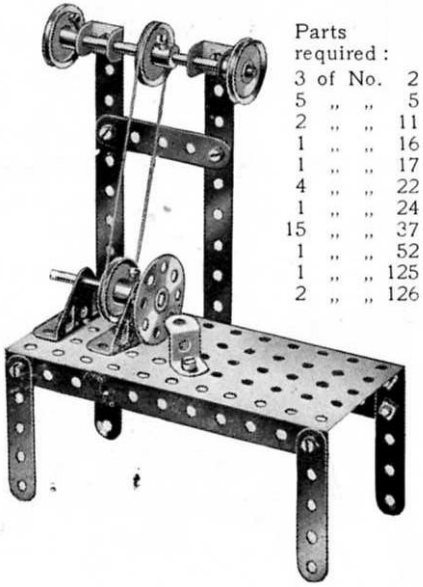
Model No. 0.31 Bath Chair

Parts required :

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



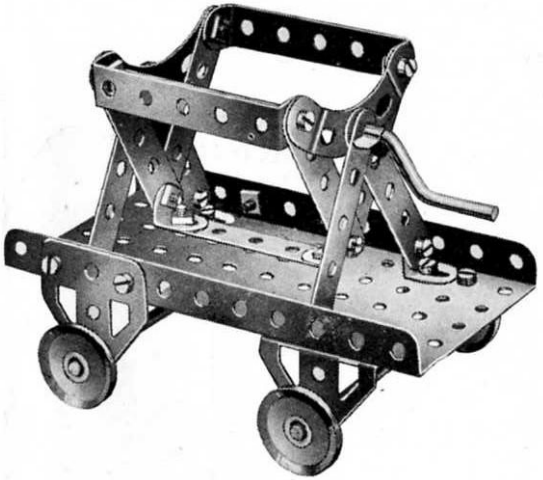
Model No. 0.32 Bench Lathe



Parts required :

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

Model No. 0.33 Dump Car



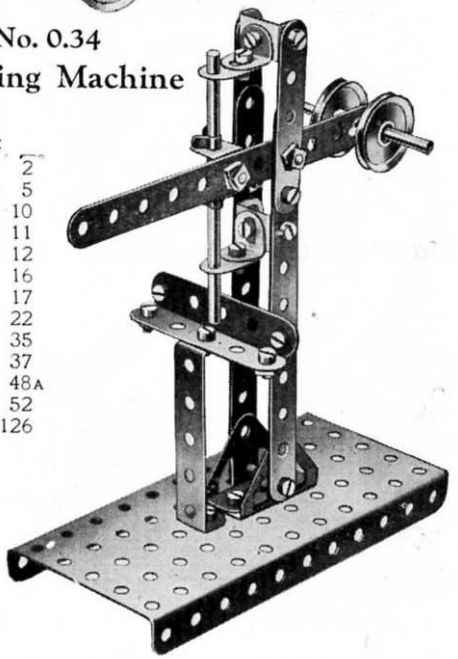
Parts required :

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

Model No. 0.34 Punching Machine

Parts required :

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



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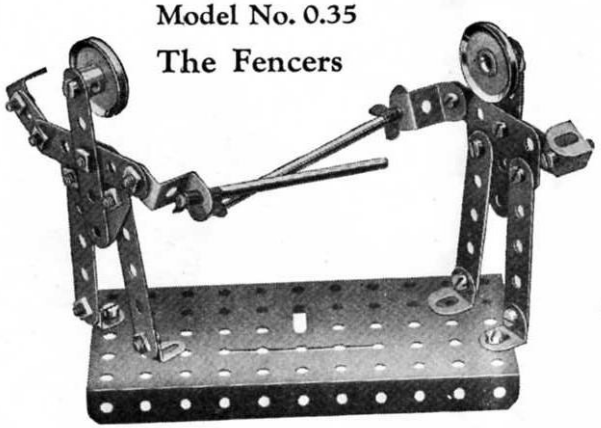
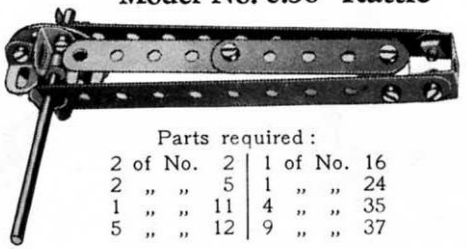
Model No. 0.35 The Fencers



Parts required :

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

Model No. 0.36 Rattle



Parts required :

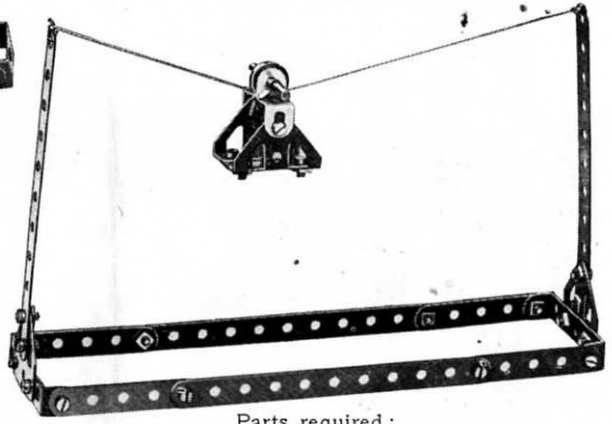
2 of No.	2	1 of No.	16
2 „ „	5	1 „ „	24
1 „ „	11	4 „ „	35
5 „ „	12	9 „ „	37

Model No. 0.37 Single Sheave Pulley Block

Parts required :

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

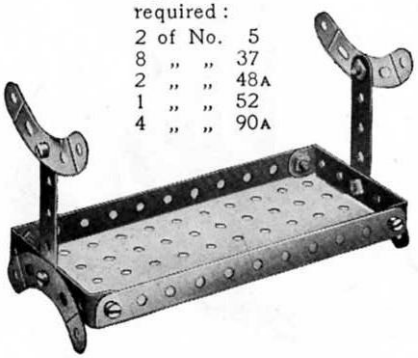
Model No. 0.38 Aerial Ropeway



Parts required :

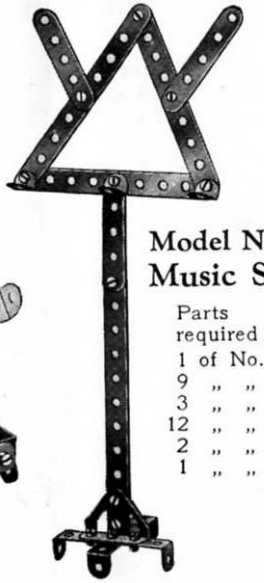
4 of No.	2	1 of No.	23	2 of No.	48A
4 „ „	5	2 „ „	35	2 „ „	125
2 „ „	10	22 „ „	37	2 „ „	126
1 „ „	17	1 „ „	40	2 „ „	126A

Model No. 0.39 Pen Rack



Parts required :

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



Model No. 0.40 Music Stand

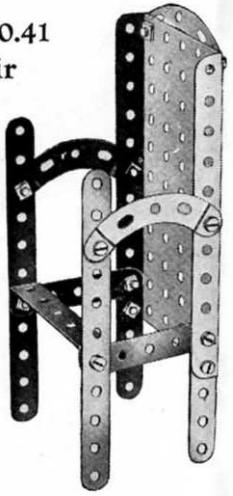
Parts required :

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

Model No. 0.41 Arm Chair

Parts required :

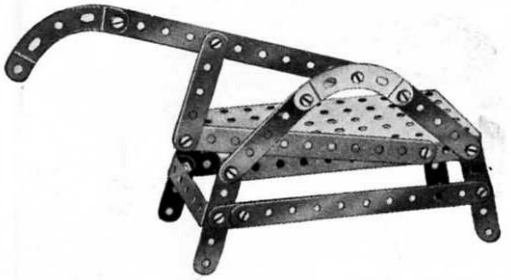
2 of No.	2	
4 „ „	5	
12 „ „	37	
1 „ „	48A	
1 „ „	52	
3 „ „	90A	



Model No. 0.42 Shearing Machine

Parts required :

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



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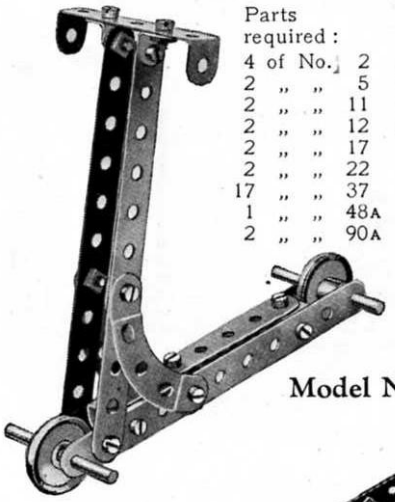
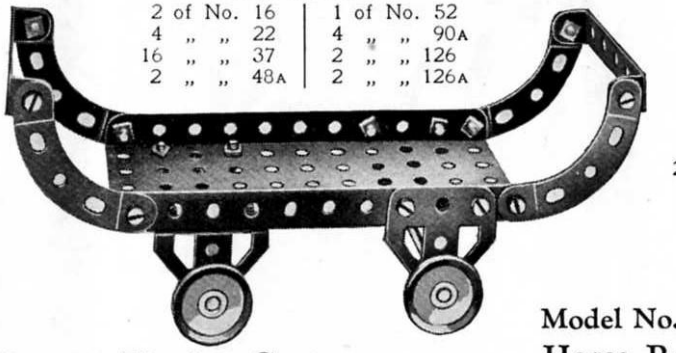
Model No. 0.43 Scooter



Parts required :

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

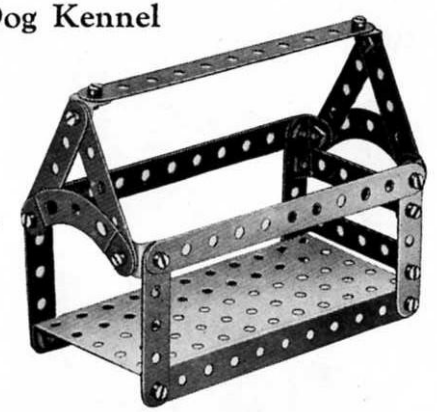
Model No. 0.44 Push Cart



Parts required :

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

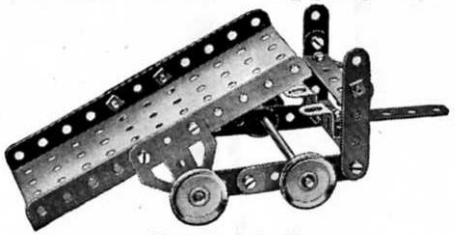
Model No. 0.45 Dog Kennel



Parts required :

3	of No.	2
8	„ „	5
6	„ „	12
20	„ „	37
2	„ „	48A
1	„ „	52
2	„ „	90A

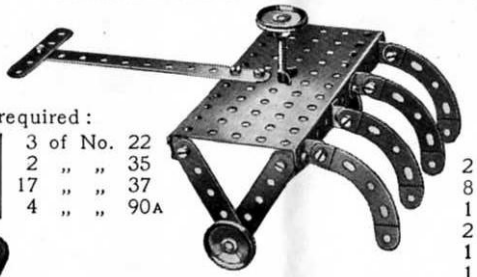
Model No. 0.46 Tipping Cart



Parts required :

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

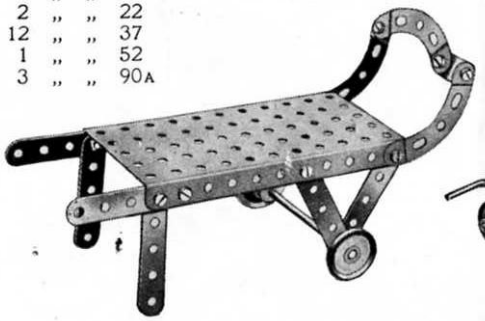
Model No. 0.47 Horse Rake



Parts required :

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

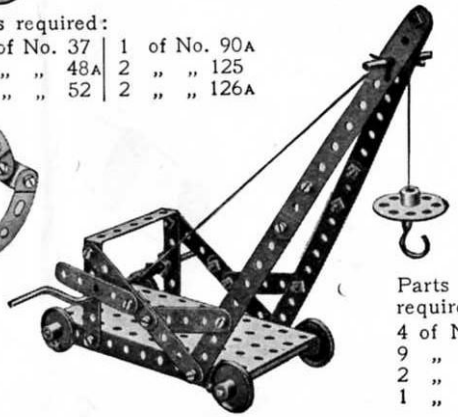
Model No. 0.48 Luggage Truck



Parts required :

2	of No:	2
6	„ „	5
2	„ „	12
1	„ „	16
2	„ „	22
12	„ „	37
1	„ „	52
3	„ „	90A

Model No. 0.49 Jib Crane



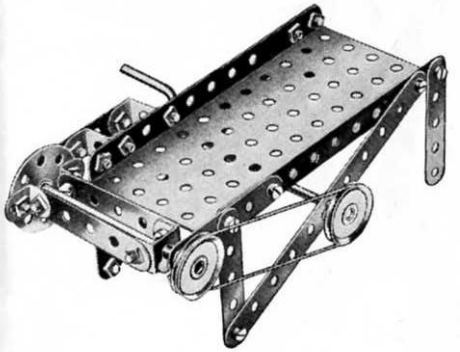
Parts required :

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

Model No. 0.50 Chaff Cutter

Parts required :

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



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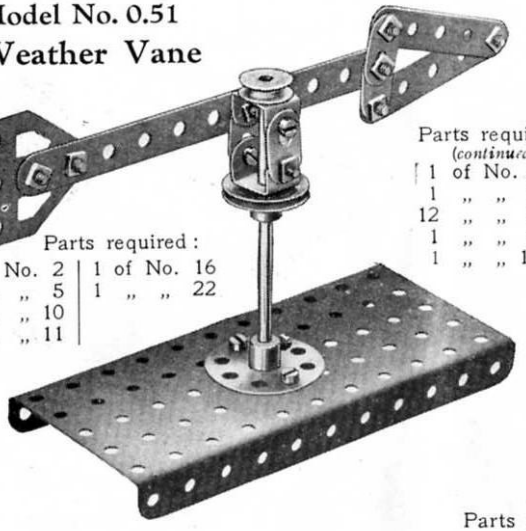
Model No. 0.51 Weather Vane



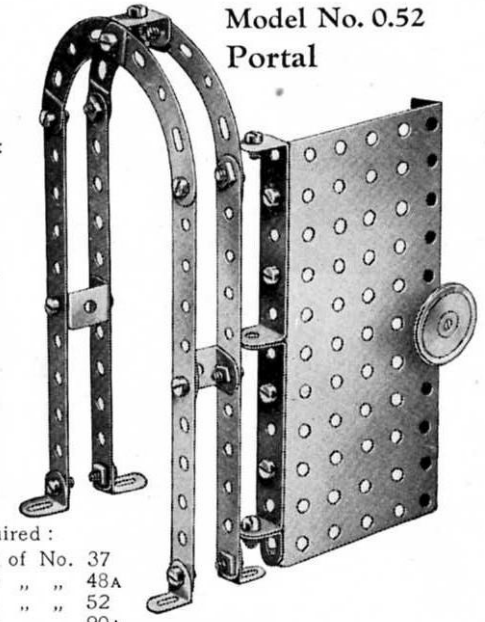
Parts required :

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

Parts required : (*continued*)

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

Model No. 0.52 Portal



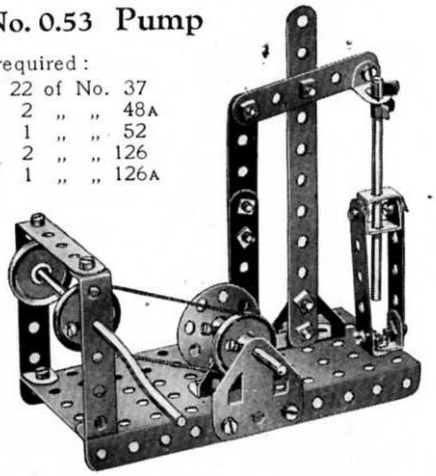
Parts required :

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

Model No. 0.53 Pump

Parts required :

1	of No. 2	22	of No. 37
6	„ „ 5	2	„ „ 48A
2	„ „ 11	1	„ „ 52
3	„ „ 12	2	„ „ 126
1	„ „ 16	1	„ „ 126A
1	„ „ 17		
1	„ „ 19S		
3	„ „ 22		
1	„ „ 24		
2	„ „ 35		



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

Model No. 0.54 Walking Man

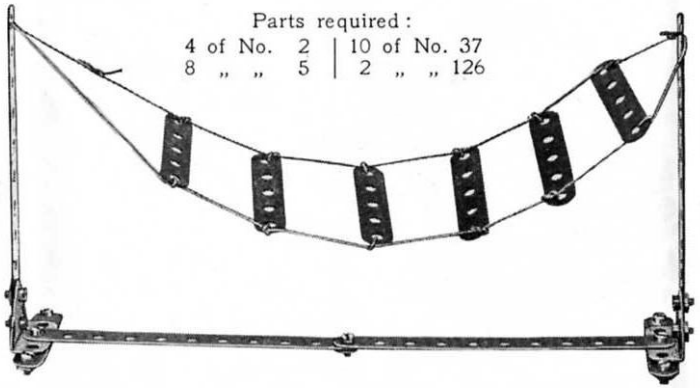
Parts required :

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

Model No. 0.55 Hammock

Parts required :

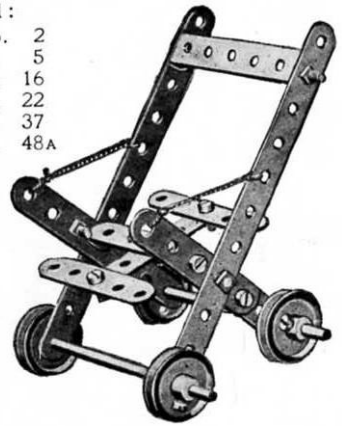
4	of No. 2	10	of No. 37
8	„ „ 5	2	„ „ 126



Model No. 0.56 Go Chair

Parts required :

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



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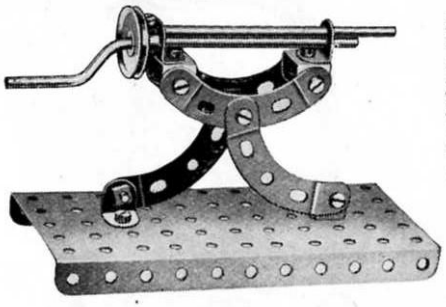
Model No. 0.57 Machine Gun



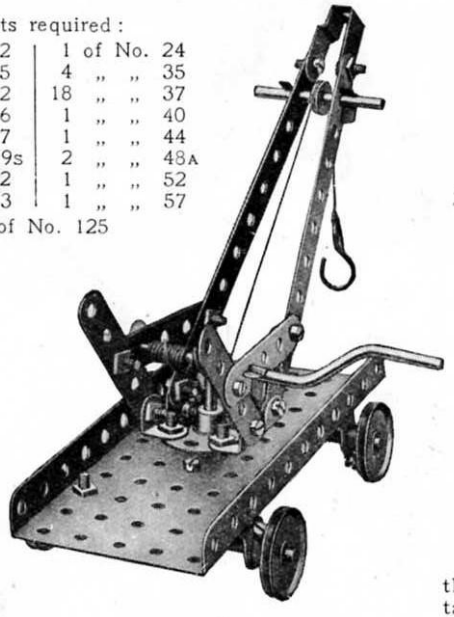
Parts required :

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

Model No. 0.58 Swivelling Crane

Parts required :

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



Model No. 0.59 Prancing Horse

Parts required :

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

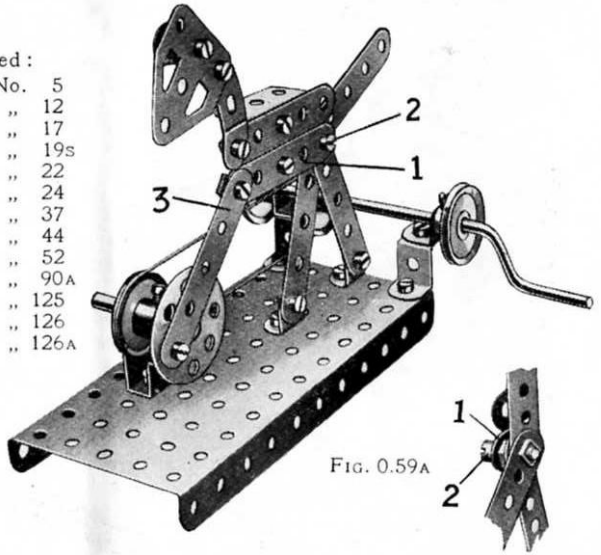
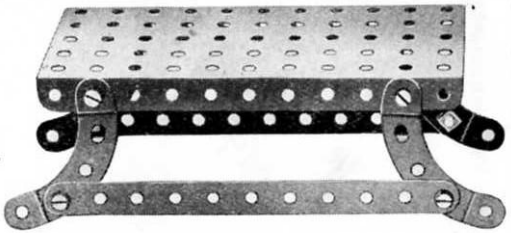


FIG. 0.59A

The Strip 1 forming part of the body is free to move about the bolt 2, but two nuts on the latter secure the rear legs and tail rigidly together. The arrangement of the various Strips about this bolt 2 is shown more clearly in Fig. 0.59A. The Strip 3 is free to move at each end about pivots formed from bolts and nuts.

Model No. 0.60 Bench



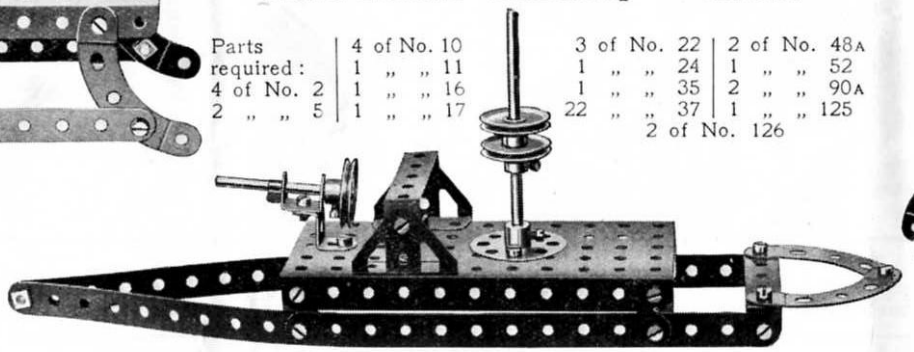
Parts required :

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

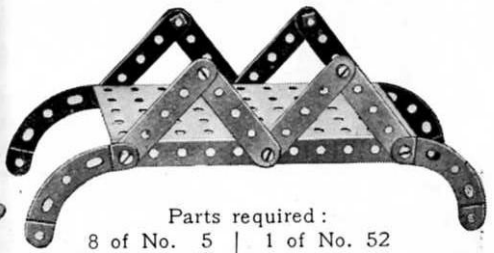
Model No. 0.61 Battleship

Parts required :

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



Model No. 0.62 Viaduct



Parts required :

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

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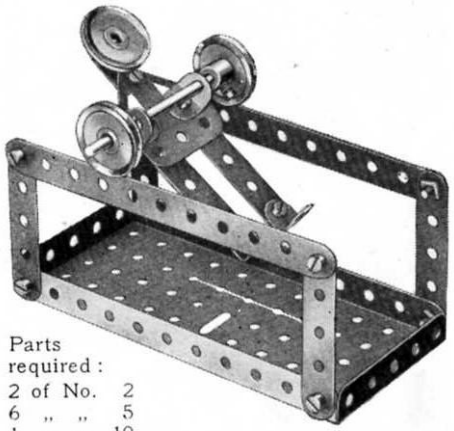
Model No. 0.63 Parallel Bars



Parts required :

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

Model No. 0.64 Candle Shade

Parts required :

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

Model No. 0.65 Revolving Office Chair

Parts required :

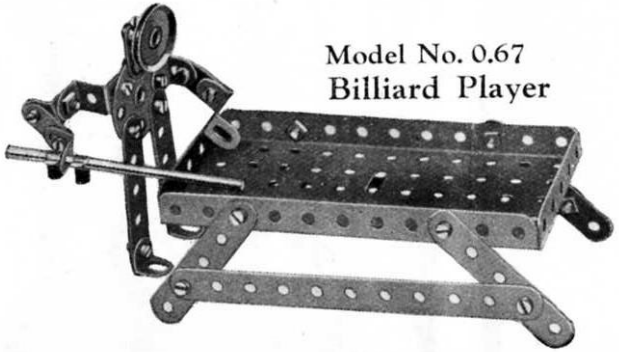
3	of	No.	5	18 of No.	37
1	„	„	12	2 „ „	48A
1	„	„	17	4 „ „	90A
2	„	„	22	2 „ „	126
1	„	„	24	1 „ „	126A

Model No. 0.66 Prehistoric Animal

Parts required :

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

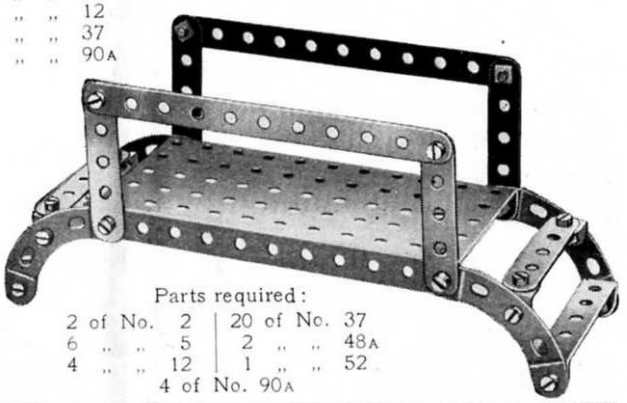
Model No. 0.67 Billiard Player



Parts required :

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

Model No. 0.68 Bridge



Parts required :

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

HOW TO CONTINUE

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

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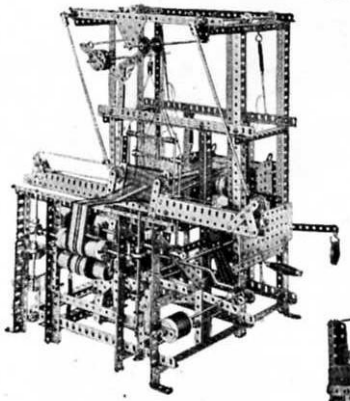
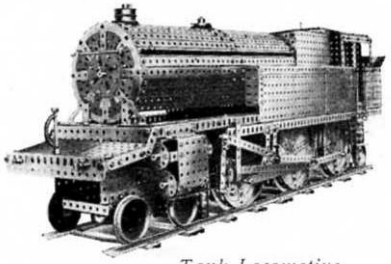
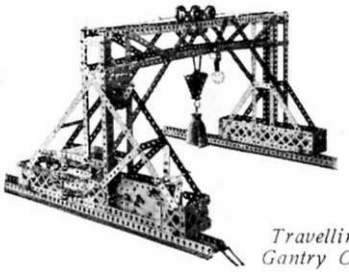
A Selection of Choice Meccano Models



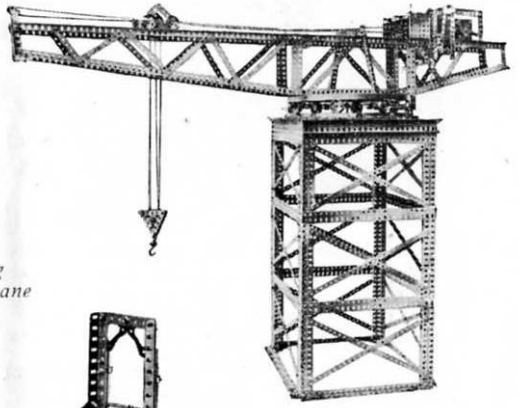
Loom



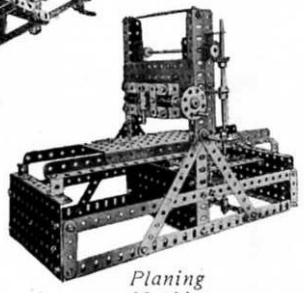
Tank Locomotive



Travelling Gantry Crane



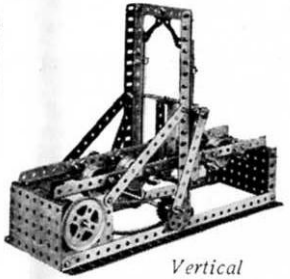
Hammerhead Crane



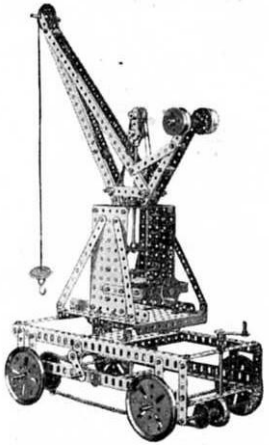
Planing Machine

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

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

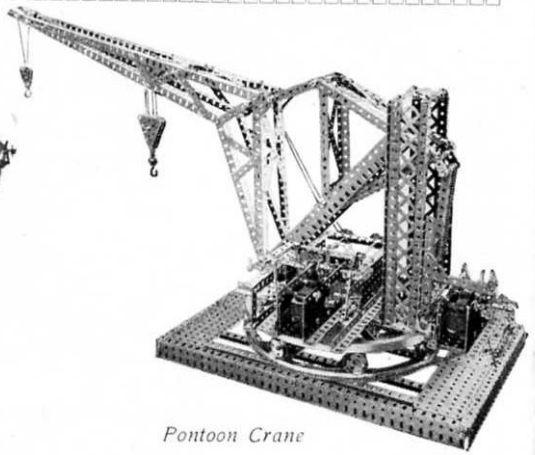


Vertical Log Saw

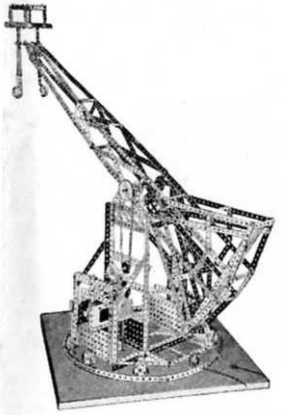


Hydraulic Crane

High-Speed Ship-Coaler



Pontoon Crane



Aeroscope

Grandfather's Clock

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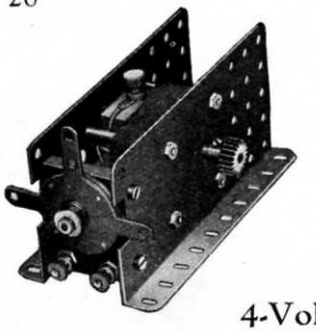
MECCANO MOTORS



Electric Motor No. 1

(4-Volt)

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

4-Volt Accumulators

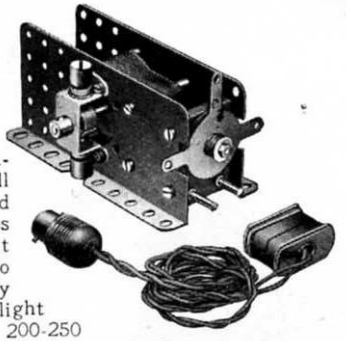
These new and excellent types of Accumulators have been adapted to drive the Electric Motor No. 1. They have been subjected to the severest tests and have proved themselves to be the most suitable accumulators for use with any type of electric motor. They are non-spillable, have remarkable recuperative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

Transformer

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

Resistance Controller

By employing this variable resistance the speed of the Meccano Electric Motor No. 1 (4 volt) may be regulated as desired. The controller is connected in series with the motor and accumulator, or with the motor and transformer if a transformer is used as the source of power. It will not regulate the speed of a high-voltage motor connected to the main.

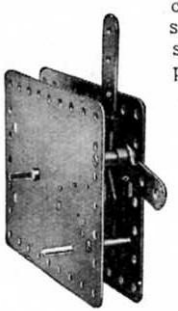


Electric Motor No. 2

(100-250 Volt AC or DC)

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

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



Clockwork Motor

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

MECCANO ACCESSORY OUTFITS

Meccano Accessory Outfits

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

Special Inventor's Outfit

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

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

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HORNBY TRAINS

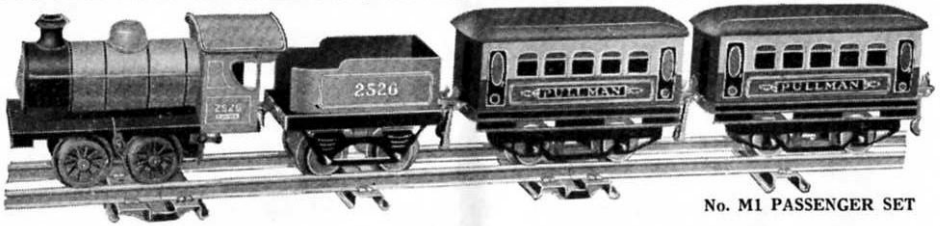
Hornby Trains are manufactured by Meccano Limited and they are made from the finest materials obtainable. Each train is a beautiful piece of workmanship with perfect mechanism. All Hornby Locos are carefully tested before leaving the factory and their efficiency is guaranteed.

No. M 1 Passenger Set

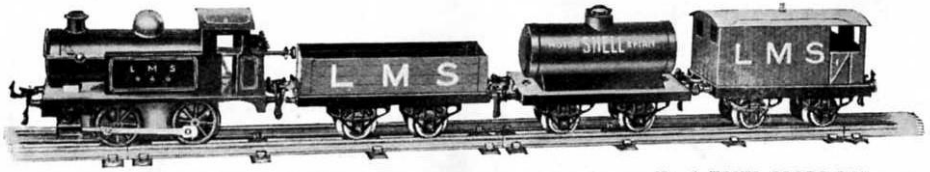
This set contains Loco, Tender, two Pullman Coaches and set of Rails. One of the latter is a brake rail by means of which the train may be braked from the track. Richly coloured and well finished; fitted with brake mechanism; non-reversing. Gauge 0.

No. M 2 Passenger Set

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



No. M1 PASSENGER SET



No. 1 TANK GOODS SET

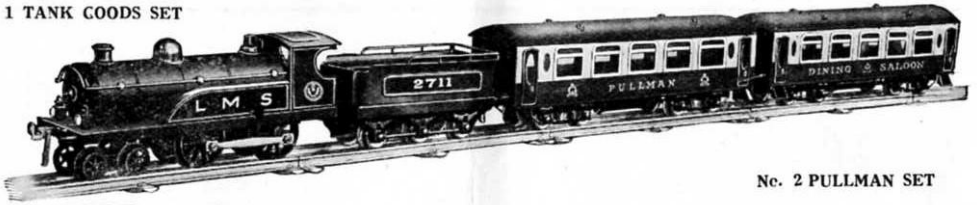
No. 1 Tank Goods Set

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

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

No. 2 Pullman Set

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



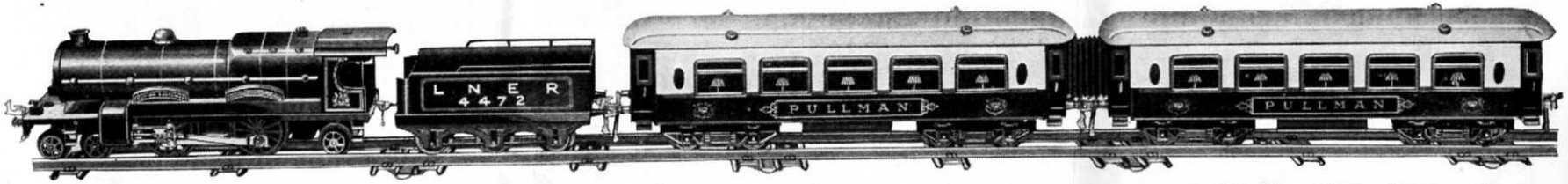
No. 2 PULLMAN SET

No. 3 Train Sets

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

Each locomotive carries the name of a famous British locomotive on the front wheel guard at each side. A special feature of the Pullman Coaches is the corridor connection, which gives the Train a most realistic appearance. All the doors of the coaches open.

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



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

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

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MECCANO PRICE LIST

MECCANO OUTFITS

No. 00 Meccano Outfit	5/–
„ 0 „ „	7/–
„ 1 „ „	14/–
„ 2 „ „	23/–
„ 3 „ „	37/6
„ 4 „ „	67/6
„ 5* „ „ (Carton)	92/6
„ 5* „ Presentation Outfit	130/–
„ 6* „ Outfit (Carton)	165/–
„ 6* „ Presentation Outfit	210/–
„ 7 „ „ „	550/–

ACCESSORY OUTFITS

No. 00A Meccano Accessory Outfit	2/–
„ 0A „ „ „	7/6
„ 1A „ „ „	10/–
„ 2A „ „ „	15/6
„ 3A „ „ „	32/–
„ 4A „ „ „	25/–
„ 5A* „ „ „ (Carton)	72/6
„ 5A* „ „ „ (Wood)	110/–
„ 6A „ „ „ „	310/–
Special Inventor's Outfit	25/–

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

MECCANO MOTORS, Etc.

Meccano Clockwork Motor	10/6
„ Electric Motor No. 1 (4 Volt)	20/–
„ „ „ „ 2 (100-120 or 200-250 Volt)	50/–
Transformer	40/–
Meccano Accumulator (4 Volt, 8 Amps.)	30/–
„ „ („ 20 „)	42/–
Lamp Board (with lamp holder and switch)	7/6
Resistance Controller (for low voltage motors)	5/–
Rheostat (for high voltage motors)	22/6

Hornby Train Price List

No. M1 Passenger Set	12/–
„ M2 Passenger Set	15/–
„ M3 Goods Set	22/6
Hornby No. 0 Goods Set	26/6
„ „ 0 Passenger Set	30/–
„ „ 1 Goods Set	30/–
* „ „ 1 „ „ fitted for Hornby Control	33/6
„ „ 1 Passenger Set	36/6
* „ „ 1 „ „ fitted for Hornby Control	40/–
„ „ 2 Goods Set	47/6
* „ „ 2 „ „ fitted for Hornby Control	52/6
„ „ 2 Pullman Set	72/6
* „ „ 2 „ „ fitted for Hornby Control	77/6
„ „ 1 Tank Goods Set	35/–
* „ „ 1 „ „ „ fitted for Hornby Control	38/6
„ „ 2 „ „ „	55/–
*Hornby No. 2 Tank Goods Set fitted for Hornby Control	60/–
„ „ 2 Tank Passenger Set	55/–
* „ „ 2 „ „ „ fitted for Hornby Control	60/–
Metropolitan Train Set, H.V. (100-250 Volt, A. or D.C.)	160/–
„ „ „ L.V. (4-Volt Electric)	130/–
* „ „ „ C (Clockwork)	80/–
Riviera "Blue Train" Set No. 3E (4-Volt Electric)	112/6
* „ „ „ „ 3C (Clockwork)	92/6
*Hornby No. 3C "Cornish Riviera" (Clockwork)	90/–
„ „ 3E „ „ (Electric)	110/–
* „ „ 3C "Flying Scotsman" (Clockwork)	90/–
„ „ 3E „ „ (Electric)	110/–
* „ „ 3C "Royal Scot" (Clockwork)	90/–
„ „ 3E „ „ (Electric)	110/–
* „ „ 3C "Dover Pullman" (Clockwork)	90/–
„ „ 3E „ „ (Electric)	110/–

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

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MECCANO

Hornby's Original System, First Patented 1901

PATENTS AND DESIGNS

GREAT BRITAIN:

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

No Outfit is genuine unless it bears the Trade Mark MECCANO

CONTENTS OF No. 0 OUTFIT

No.		Quantity.
2.	5½" Perforated Strips	4
5.	2½" „ „	9
10.	Flat Brackets	4
11.	Double „	2
12.	Angle „ ½" × ½"	8
16.	3½" Axle Rods	2
17.	2" „ „	2
19s.	Crank Handle, Small	1
22.	1" Pulley Wheels (with Set-screw)	4
23.	½" Pulley Wheel (without Set-screw)	1
24.	Bush Wheel	1
34.	Spanner	1
35.	Spring Clips	6
36.	Screwdriver	1
37.	Nuts and Bolts	16
37A.	Nuts	6
40.	Hank of Cord	1
44.	Cranked Bent Strip	1
48A.	2½" × ½" Double Angle Strips	2
52.	Perforated Flanged Plate, 5½" × 2½"	1
56B.	Manual of Instructions No. 0	1
57.	Hook	1
90A.	Curved Strips, 2½" Small Radius	4
111C.	Bolts, ⅜"	6
125.	½" Reversed Angle Brackets	2
126.	Trunnions	2
126A.	Flat Trunnions	2

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MECCANO

THE TOY THAT MADE ENGINEERING FAMOUS

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

Meccano Agencies :

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Barcelona,
Basle,
Bogota,
Bombay,
Brussels,
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Cape Town.

Canadian Office and Warehouse :
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Meccano (France) Ltd.,
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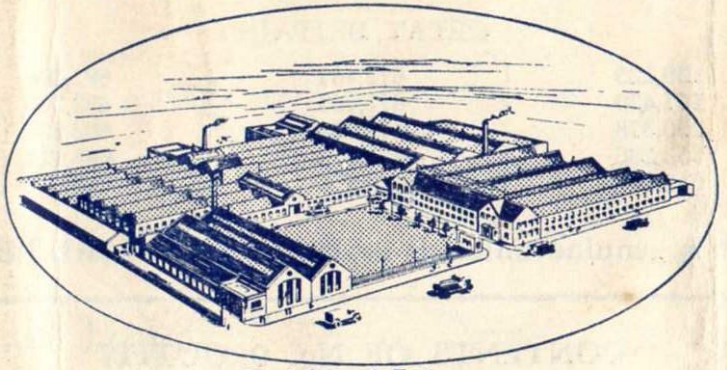
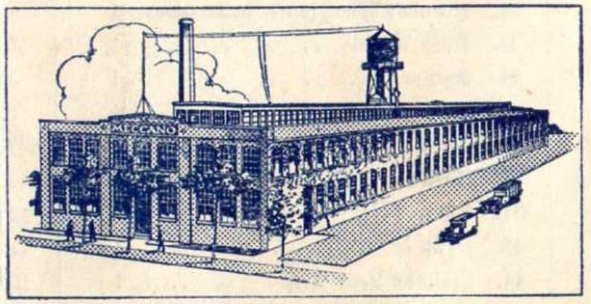
Paris.



Head Office & Factory :
BINNS ROAD, LIVERPOOL



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

Meccano Agencies :

Constantinople,
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London Office and Warehouse :

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

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

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