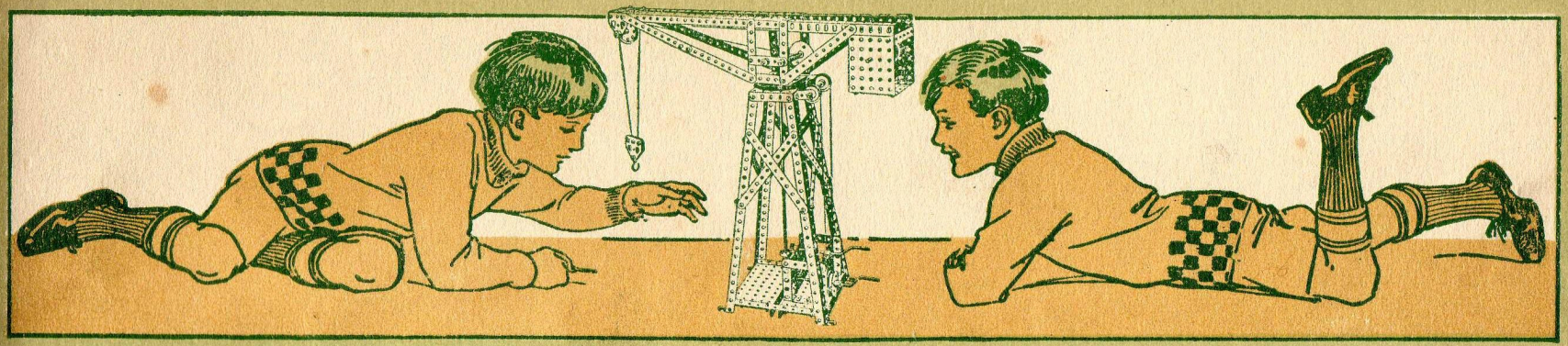
meccanoindex.co.uk



MECCANO

(TRADE MARKS 296321, 12633, 10274, 55/13476

INSTRUCTIONS

FOR OUTFITS Nos. 0 to 3

1/-

Copyright by MECCANO LIMITED, LIVERPOOL, throughout the World

No. 25A

ENGLISH EDITION

725/100

meccanoindex.co.uk

meccanoindex.co.uk

A TALK WITH NEW MECCANO BOYS

MECCANO OUTFITS contain accurately-made and highly-finished engineering parts with which every movement known to mechanism may be reproduced in model form. With Meccano you can accomplish more than with any other constructional toy, for no other system has its possibilities. No study is needed to enable you to build models with Meccano—the genius is in the Meccano parts.

You never come to the end of Meccano fun. There is always more ahead—always some new, ingenious and interesting model to build. Each one, as it is completed, " tuned up," and set going, brings a joy and satisfaction beyond anything that you have ever previously experienced.

As you progress in Meccano you obtain a greater variety of parts, Gear-Wheels, Pulley-Wheels, Worm-Wheels, Couplings, Cranks, and all manner of perfectly-made real engineering parts. These enable you to construct complicated mechanical movements without any difficulty. The most wonderful feature of Meccano is that it is *real engineering;* it is fascinating and delightful and yet so simple that even an inexperienced boy may join in the fun without first having to study or learn anything.

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; 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 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 interesting articles on engineering and electrical subjects, and deals with many other topics of interest to boys, including suggestions from Meccano boys for new Meccano parts and correspondence columns in which the Editor replies to his readers' enquiries. Write to the Editor, *Meccano Magazine*, Binns Road, Liverpool, and he will send you a copy FREE. It is sent regularly to subscribers at the rate of 2/– for six issues, or it may be ordered from any Meccano dealer, newsagent or bookstall, price 3d. per copy.

meccanoindex.co.uk

MECCANO GUILD MEMBER'S CERTIFICATE.

THE MECCANO GUILD

THE MECCANO GUILD is an organisation for boys, started at the request of boys and conducted as far as possible by boys. The Guild is a great fraternal organisation of which all Meccano boys should become members, for its primary object is to bring them together. The Guild makes these boys feel that they are all members of a great brotherhood, each trying to help the others to get the very best out of life and it cannot fail to have a profound effect for good on the lives of its members.

SPECIAL MERIT MEDALLIONS.

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.

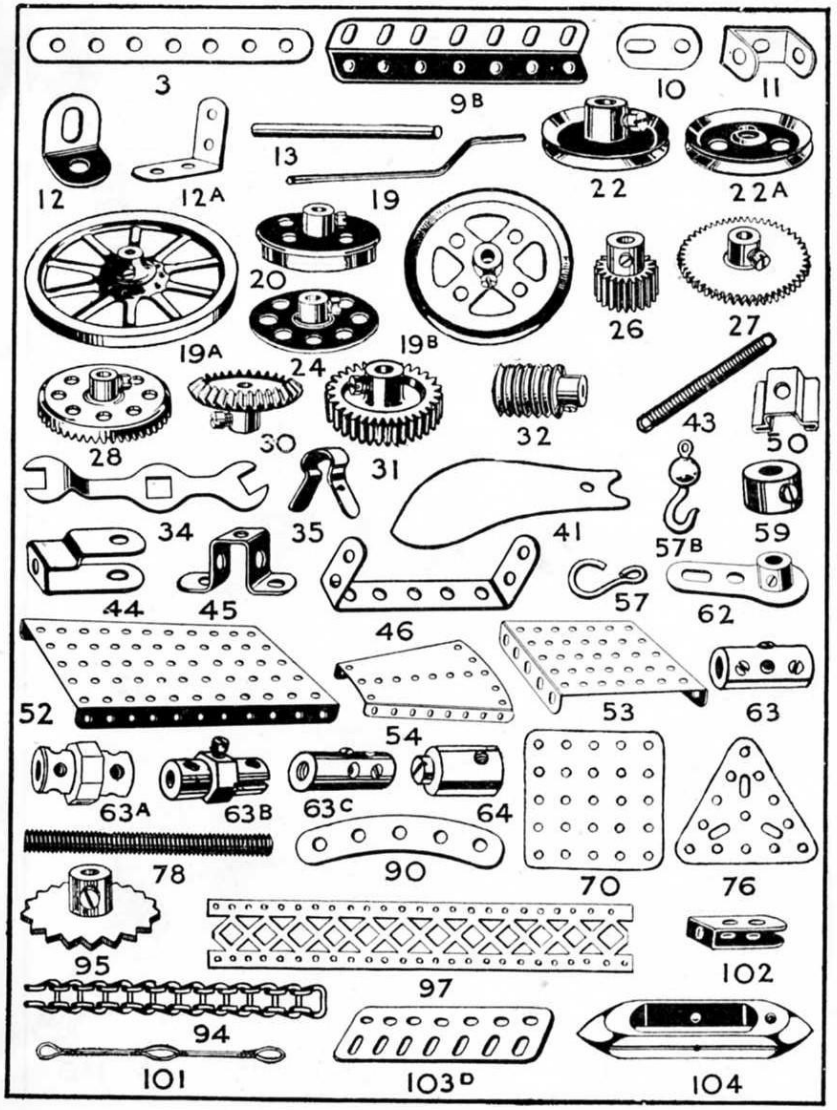
HOW TO BUILD WITH MECCANO

FOLLOW the instructions closely at first, and build the models just as you see them. Then take each model and try to improve our design. Every model can be made in a dozen different ways. Screw up all the nuts and bolts firmly and you will find that you can play with the trucks, cranes, signals, etc., and obtain many hours of fun.

For convenience Meccano parts are sold in nine Outfits of varying size, numbered 00 to 7. The quality and finish of the parts are of the same high standard throughout the series, but as the Outfits increase in size they contain larger quantities and greater varieties of parts. Each Outfit may be converted into the one next higher by the purchase of an Accessory Outfit (see page 62). Thus, if a No. 2 is the first Outfit bought, it may be converted into a No. 3 by adding to it a No. 2A. A No. 3A would then convert it into a No. 4 and so on up to No. 7. In this way, no matter with what Outfit you commence, you may build it up by degrees to a No. 7.

The separate Meccano parts may be bought at any time in any quantity (see pages 3 and 4).

meccanoindex.co.uk



Particulars and Prices of Meccano Parts

No.		s.	d.
1.	Perforated Strips, 12½″ long ... .. ½ doz.	1	0
1a.	„ „ 9½″ „	0	9
1b.	„ „ 7½″ „	0	8
2.	„ „ 5½″ „ ... ... „	0	6
2a.	„ „ 4½″ „ ... ... „	0	5
3.	„ „ 3½″ „ ... ... „	0	4
4.	„ „ 3″ „ ... ... „	0	3
5.	„ „ 2½″ „ ... ... „	0	3
6.	„ „ 2″ „ ... ... „	0	3
6a.	„ „ 1½″ „ ... ... „	0	3
7.	Angle Girders, 24½″ long ... ... each	0	8
7a.	„ „ 18½″ „ ... ... „	0	6
8.	„ „ 12½″ „ ... ... ½ doz.	1	9
8a.	„ „ 9½″ „ ... ... „	1	3
8b.	„ „ 7½″ „ ... ... „	1	2
9.	„ „ 5½″ „ ... ... „	1	0
9a.	„ „ 4½″ „ ... ... „	0	10
9b.	„ „ 3½″ „ ... ... „	0	8
9c.	„ „ 3″ „ ... ... „	0	8
9d.	„ „ 2½″ „ ... ... „	0	7
9e.	„ „ 2″ „ ... ... „	0	6
9f.	„ „ 1½″ „ ... ... „	0	6
10.	Flat Brackets ... ... „	0	2
11.	Double Brackets ... ... each	0	1
12.	Angle Brackets, ½″×½″ ... ... doz.	0	6
12a.	„ „ 1″×1″ ... ... each	0	1
12b.	„ „ 1″×½″ ... ... „	0	1
13.	Axle Rods, 11½″ long ... ... „	0	3
13a.	„ „ 8″ „ ... ... „	0	3
14.	„ „ 6½″ „ ... ... „	0	2
15.	„ „ 5″ „ ... ... „	0	2
15a.	„ „ 4½″ „ ... ... „	0	1
16.	„ „ 3½″ „ ... ... „	0	1
16a.	„ „ 2½″ „ ... ... „	0	1
16b.	„ „ 3″ „ ... ... „	0	1
17.	„ „ 2″ „ ... ... „	0	1
18a.	„ „ 1½″ „ ... ... „	0	1
18b.	„ „ 1″ „ ... ... „	0	1
19.	Crank Handles... ... ... „	0	3
19a.	Wheels, 3″ diam., with set screws „	0	8
20.	Flanged Wheels ... ... „	0	6
	Pulley Wheels.		
19b.	3″ dia. with centre boss and set screw „	0	8
19c.	6″ „ „ „ „ „ „	2	6
20a.	2″ „ „ „ „ „ „	0	6
21.	1½″ „ „ „ „ „ „	0	6
22.	1″ „ „ „ „ „ „	0	4
23a.	½″ „ „ „ „ „ „	0	4
22a.	1″ „ without „ „ „ „	0	2
23.	½″ „ „ „ „ „ „	0	2

No.		s.	d.
24.	Bush Wheels ... ... each	0	6
25.	Pinion Wheels, ¾″ diam. ... ... „	0	6
26.	„ „ ½″ diam. ... ... „	0	4
	Gear Wheels.		
27.	50 teeth to gear with ¾″ pinion ... „	0	9
27a.	57 „ „ „ ½″ „ ... „	0	9
27b.	133 „ (3½″ diam.) to gear with ½″ pinion ... ... „	1	6
28.	Contrate Wheels, 1½″ diam. ... ... „	0	9
29.	„ „ ¾″ „ ... ... „	0	6
30.	Bevel Gears ... ... „	0	10
31.	Gear Wheels, 1″, 38 teeth ... ... „	1	0
32.	Worm Wheels ... ... „	0	6
34.	Spanners ... ... „	0	2
34b.	Box Spanners ... ... „	0	3
35.	Spring Clips ... ... per box (doz.)	0	3
36.	Screw Drivers ... ... each	0	3
36a.	„ „ Extra Long ... ... „	0	6
37.	Nuts and Bolts ... ... per box (doz.)	0	6
37a.	Nuts ... ... „ „ „	0	3
37b.	Bolts, 7/32″ ... ... „ „ „	0	3
38.	Washers ... ... „	0	1
40.	Hanks of Cord ... ... 2 for	0	3
41.	Propeller Blades ... ... per pair	0	4
43.	Springs ... ... each	0	2
44.	Cranked Bent Strips ... ... „	0	1
45.	Double Bent Strips ... ... „	0	1
46.	Double Angle Strips, 2½″×1″ ... ½ doz.	0	6
47.	„ „ „ 2½″×1½″ ... „	0	9
47a.	„ „ „ 3″ ×1½″ ... „	1	0
48.	„ „ „ 1½″×½″ ... „	0	4
48a.	„ „ „ 2½″×½″ ... „	0	5
48b.	„ „ „ 3½″×½″ ... „	0	6
48c.	„ „ „ 4½″×½″ ... „	0	9
48d.	„ „ „ 5½″×½″ ... „	0	9
50.	Eye Pieces ... ... each	0	2
52.	Perforated Flanged Plates, 5½″×2½″ „	0	5
52a.	Flat Plates, 5½″×3½″ ... ... „	0	5
53.	Perforated Flanged Plates, 3½″×2½″ „	0	3
53a.	Flat Plates, 4½″×2½″ ... ... „	0	3
54.	Perforated Flanged Sector Plates... „	0	3
55.	Perforated Strips, slotted, 5½″ long „	0	2
55a.	„ „ „ 2″ „ „	0	1
56.	Instruction Manuals, Complete ... „	2	6
56a.	„ „ No. 0-3 ... „	1	0
56b.	„ „ No. 0 ... ... „	0	4
57.	Hooks ... ... „	0	1
57a.	„ (scientific) ... ... „	0	1
57b.	„ Loaded ... ... „	0	5
58.	Spring Cord ... ... per length	0	9
59.	Collars with Set Screws ... ... each	0	2
61.	Windmill Sails ... ... „	0	2

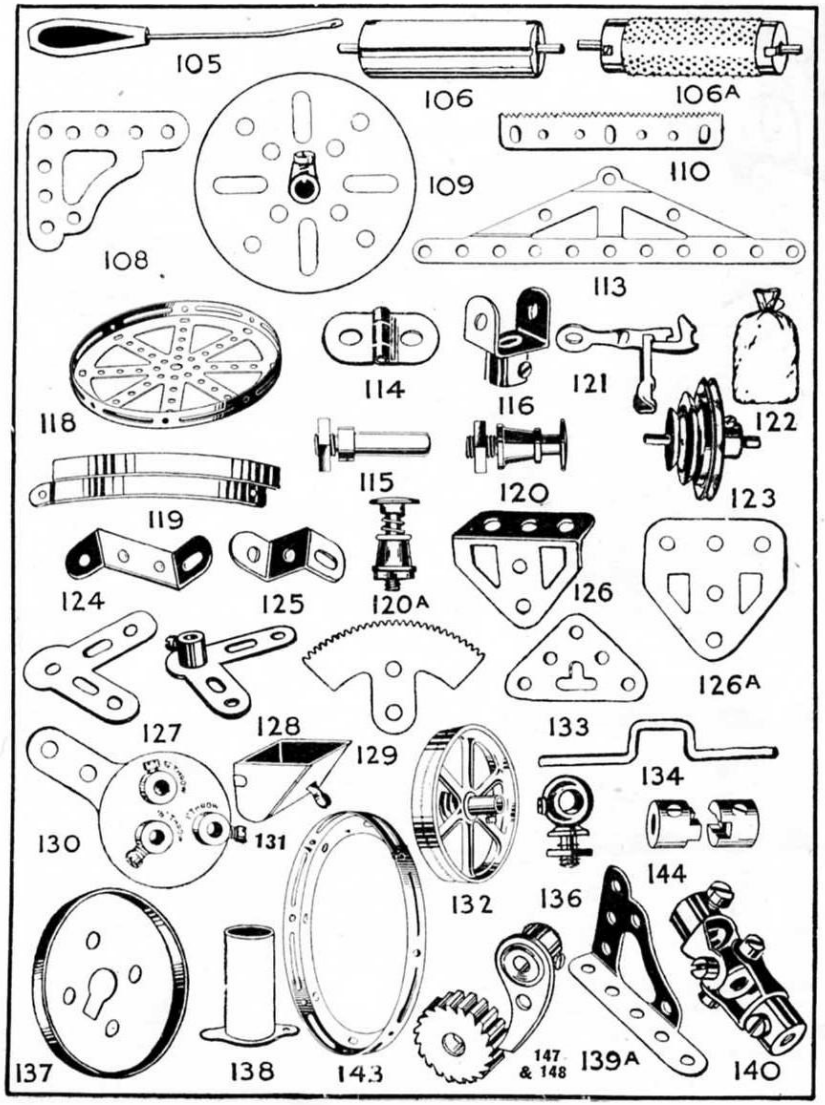
meccanoindex.co.uk

Particulars and Prices of Meccano Parts (*continued*)

No.		s.	d.
62.	Cranks ... ... each	0	3
62a.	Threaded Cranks ... ... „	0	4
63.	Couplings ... ... „	0	6
63a.	Octagonal Couplings ... ... „	0	8
63b.	Strip Couplings ... ... „	0	8
63c.	Threaded Couplings ... ... „	0	6
64.	Threaded Bosses ... ... „	0	2
65.	Centre Forks ... ... „	0	2
66.	Weights, 50 gramme ... ... „	1	0
67.	„ 25 „ ... ... „	1	0
68.	Woodscrews, ½" ... ... doz.	0	3
69.	Set Screws ... ... „	0	4
69a.	Grub Screws, 5/32" ... ... „	0	4
69b.	„ „ 7/32" ... ... „	0	6
70.	Flat Plates, 5½"×2½" ... ... each	0	3
72.	„ „ 2½"×2½" ... ... „	0	2
76.	Triangular Plates, 2½" ... ... „	0	2
77.	„ „ 1" ... ... „	0	1
78.	Screwed Rods, 11½" ... ... „	0	6
79.	„ „ 8" ... ... „	0	5
79a.	„ „ 6" ... ... „	0	4
80.	„ „ 5" ... ... „	0	3
80a.	„ „ 3½" ... ... „	0	3
80b.	„ „ 4½" ... ... „	0	3
81.	„ „ 2" ... ... „	0	2
82.	„ „ 1" ... ... „	0	1
89.	Curved Strips, 5½" ... ... „	0	2
90.	„ „ 2½" ... ... „	0	1
94.	Sprocket Chain ... ... per 40" length	0	6
95.	Sprocket Wheels, 2" diam. ... ... each	0	5
95a.	„ „ 1½" „ ... ... „	0	4
95b.	„ „ 3" „ ... ... „	0	6
96.	„ „ 1" „ ... ... „	0	3
96a.	„ „ ¾" „ ... ... „	0	3
97.	Braced Girders, 3½" long ... ... ½ doz.	0	9
98.	„ „ 2½" „ ... ... „	0	6
99.	„ „ 12½" „ ... ... „	1	9
99a.	„ „ 9½" „ ... ... „	1	6
100.	„ „ 5½" „ ... ... „	1	0
101.	Healds, for looms ... ... doz.	0	9
102.	Single Bent Strips ... ... each	0	1
103.	Flat Girders, 5½" long ... ... ½ doz.	1	0
103a.	„ „ 9½" „ ... ... „	1	6
103b.	„ „ 12½" „ ... ... „	2	0
103c.	„ „ 4½" „ ... ... „	0	9
103d.	„ „ 3½" „ ... ... „	0	7
103e.	„ „ 3" „ ... ... „	0	6
103f.	„ „ 2½" „ ... ... „	0	5
103g.	„ „ 2" „ ... ... „	0	4
103h.	„ „ 1½" „ ... ... „	0	3
103k.	„ „ 7½" „ ... ... „	1	3
104.	Shuttles, for looms ... ... „	4	0

No.		s.	d.
105.	Reed Hooks, for looms... ... ... each	0	4
106.	Wood Rollers ... ... „	1	3
106a.	Sand Rollers ... ... „	1	6
107.	Tables for Designing Machines ... „	1	0
108.	Architraves ... ... „	0	2
109.	Face Plates, 2½" diam. ... ... „	0	4
110.	Rack Strips, 3½" ... ... „	0	2
111.	Bolts, ¾" ... ... „	0	1
111a.	„ ½" ... ... 2 for	0	1
113.	Girder Frames ... ... each	0	2
114.	Hinges ... ... per pair	0	4
115.	Threaded Pins ... ... each	0	2
116.	Fork Pieces ... ... „	0	3
117.	Steel Balls, ⅜" diam. ... ... doz.	0	6
118.	Hub Discs, 5½" diam. ... ... each	1	3
119.	Channel Segments (8 to circle, 11½" diam.) ... ... „	0	4
120.	Buffers ... ... „	0	2
120a.	Spring Buffers ... ... per pair	0	8
121.	Train Couplings ... ... each	0	4
122.	Miniature Loaded Sacks ... ... „	0	2
123.	Cone Pulleys ... ... „	1	3
124.	Reversed Angle Brackets, 1" ... ½ doz.	0	10
125.	„ „ „ ½" ... „	0	6
126.	Trunnions ... ... each	0	3
126a.	Flat Trunnions ... ... „	0	2
127.	Simple Bell Cranks ... ... „	0	3
128.	Boss Bell Cranks ... ... „	0	4
129.	Rack Segments, 3" diam. ... ... „	0	6
130.	Triple Throw Eccentrics ... ... „	1	3
131.	Dredger Buckets ... ... „	0	2
132.	Flywheels, 2¾" diam. ... ... „	2	3
133.	Corner Brackets ... ... „	0	3
134.	Crank Shafts, 1" stroke ... ... „	0	3
135.	Theodolite Protractors ... ... „	0	3
136.	Handrail Supports ... ... „	0	3
137.	Wheel Flanges ... ... „	0	4
138.	Ship's Funnels ... ... „	0	4
139.	Flanged Brackets (right) ... ... „	0	2
139a.	„ „ (left) ... ... „	0	2
140.	Universal Couplings ... ... „	0	9
141.	Wire Lines (for suspending clock weights) ... ... „	0	9
142.	Rubber Rings ... ... „	0	4
143.	Circular Girders, 5½" diam. ... ... „	1	0
144.	Dog Clutches ... ... „	0	6
145.	Circular Strips, 7" diam. over all „	1	0
146.	Circular Plates, 6" diam. ... ... „	1	3
147.	Pawls, with pivot bolt and nuts „	0	3
147a.	Pawls ... ... „	0	2
147b.	Pivot bolts with two nuts ... ... „	0	2
148.	Ratchet Wheels ... ... „	0	9
149.	Collecting Shoes, for electric locos „	1	6

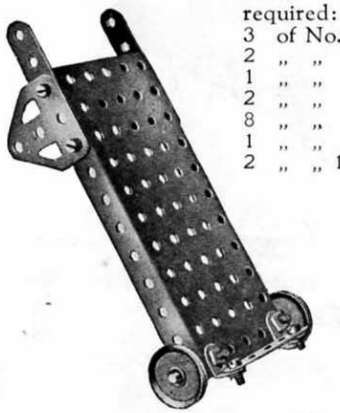
As new parts are frequently added to the Meccano system the foregoing list is not necessarily complete. The latest illustrated list should be obtained from your dealer, or from Meccano, Ltd., Liverpool.



meccanoindex.co.uk

Trucks and Luggage Carts

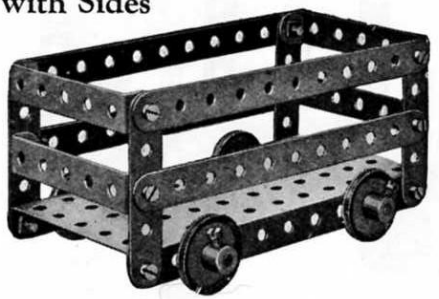
Model No. 1
Flat Truck



Parts required:

3	of No.		5
2	„	„	12
1	„	„	16
2	„	„	22
8	„	„	37
1	„	„	52
2	„	„	126A

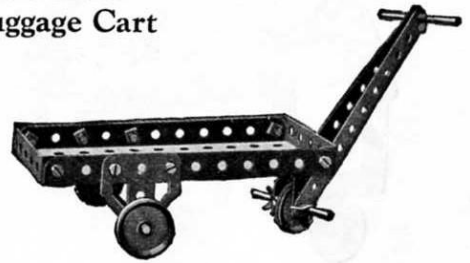
Model No. 2
Truck with Sides



Parts required:

4	of No.		2	4	of No.		22
4	„	„	5	12	„	„	37
2	„	„	16	4	„	„	48A
				1	of No.		52

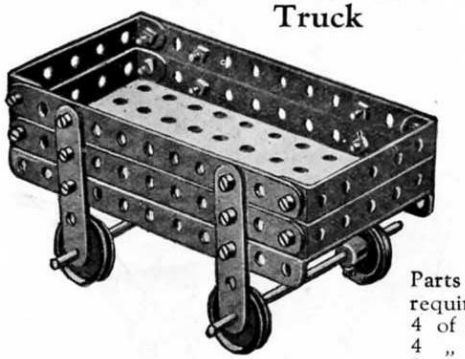
Model No. 3
Luggage Cart



Parts required:

2	of No.		2	9	of No.		37
1	„	„	16	1	„	„	44
2	„	„	17	2	„	„	48A
3	„	„	22	1	„	„	52
4	„	„	35	2	„	„	126A

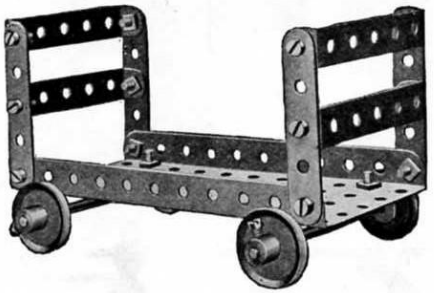
Model No. 4
Truck



Parts required:

4	of No.		2
4	„	„	5
2	„	„	16
4	„	„	22
16	„	„	37
4	„	„	48A
1	„	„	52

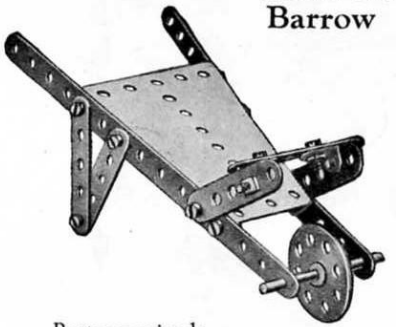
Model No. 5
Luggage Truck



Parts required:

4	of No.		5	16	of No.		37
2	„	„	16	4	„	„	48A
4	„	„	22	1	„	„	52

Model No. 6
Barrow



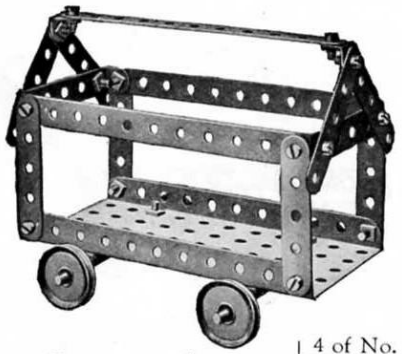
Parts required:

2	of No.		2	1	of No.		24
9	„	„	5	2	„	„	35
2	„	„	12	14	„	„	37
1	„	„	17	1	„	„	54

meccanoindex.co.uk

Trucks and Luggage Carts *(continued)*

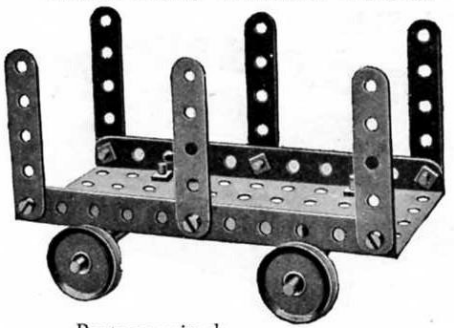
Model No. 7 Covered Truck



Parts required:

3 of No. 2	2 of No. 12	4 of No. 22	
8 „ „ 5	2 „ „ 16	20 „ „ 37	
		4 „ „ 48A	
		1 „ „ 52	

Model No. 8 Timber Truck



Parts required:

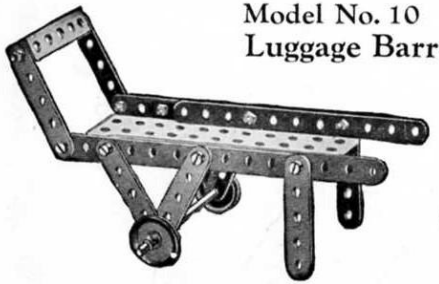
6 of No. 5	10 of No. 37
2 „ „ 16	2 „ „ 48A
4 „ „ 22	1 „ „ 52

Model No. 9 Flat Truck

Parts required:

2 of No. 16
4 „ „ 22
1 „ „ 52

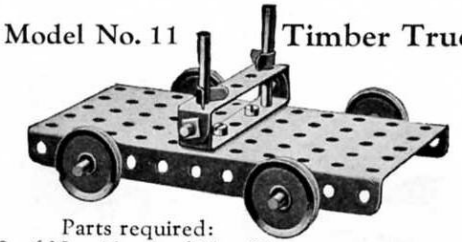
Model No. 10 Luggage Barrow



Parts required:

2 of No. 2	1 „ „ 52
8 „ „ 5	
1 „ „ 16	
2 „ „ 22	
10 „ „ 37	
1 „ „ 48A	

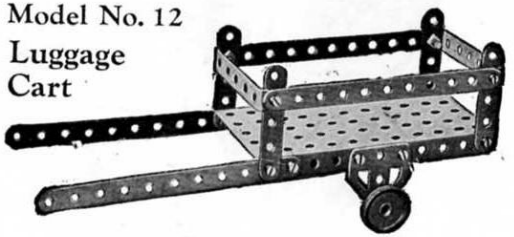
Model No. 11 Timber Truck



Parts required:

2 of No. 16	4 of No. 35
2 „ „ 17	4 „ „ 37
4 „ „ 22	2 „ „ 48A
	1 of No. 52

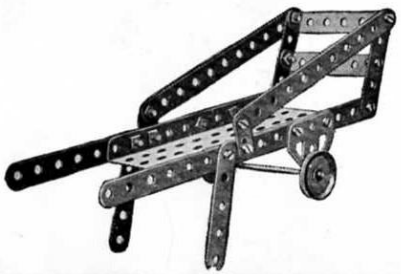
Model No. 12 Luggage Cart



Parts required:

4 of No. 2	14 of No. 37
4 „ „ 5	2 „ „ 48A
1 „ „ 16	1 „ „ 52
2 „ „ 22	2 „ „ 126A

Model No. 13 Coster's Barrow



Parts required:

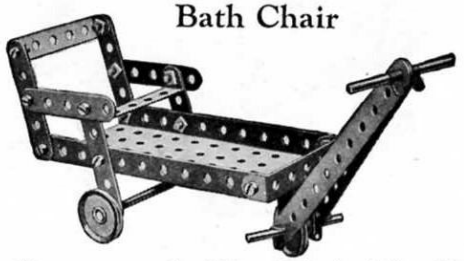
4 of No. 2	1 „ „ 52
4 „ „ 5	
1 „ „ 16	
2 „ „ 22	
16 „ „ 37	
2 „ „ 48A	
1 „ „ 52	
2 „ „ 126A	

Model No. 14 Timber Drag

Parts required:

4 of No. 2	2 of No. 16	8 of No. 37
2 „ „ 11	4 „ „ 22	4 „ „ 48A

Model No. 15 Bath Chair

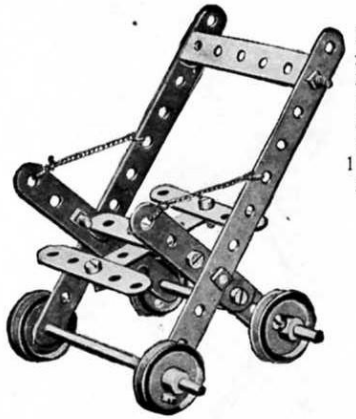


Parts required:

2 of No. 2	1 of No. 16	1 of No. 52	
6 „ „ 5	2 „ „ 17	13 „ „ 37	
	3 „ „ 22	1 „ „ 44	
	4 „ „ 35	3 „ „ 48A	

meccanoindex.co.uk

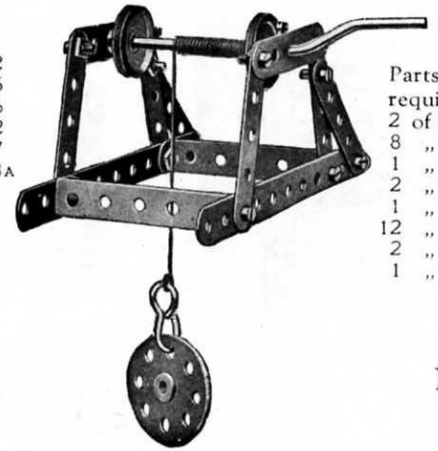
Model No. 16 Go Chair



Parts required:

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

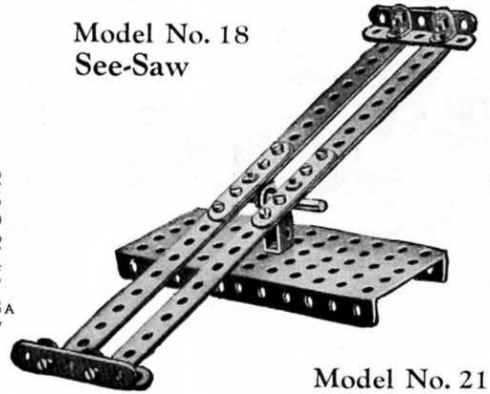
Model No. 17 Well Windlass



Parts required:

2	of No.	2
8	„ „	5
1	„ „	19
2	„ „	22
1	„ „	24
12	„ „	37
2	„ „	48A
1	„ „	57

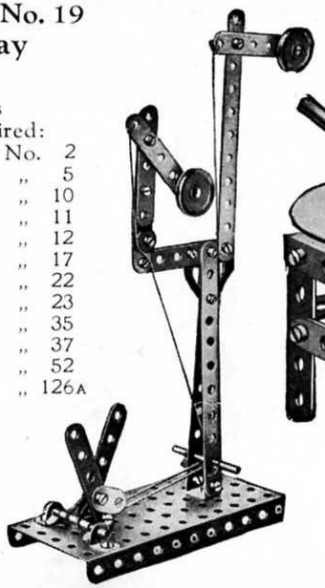
Model No. 18 See-Saw



Parts required:

4	of No.	2
6	„ „	5
6	„ „	12
1	„ „	17
15	„ „	37
1	„ „	44
1	„ „	52

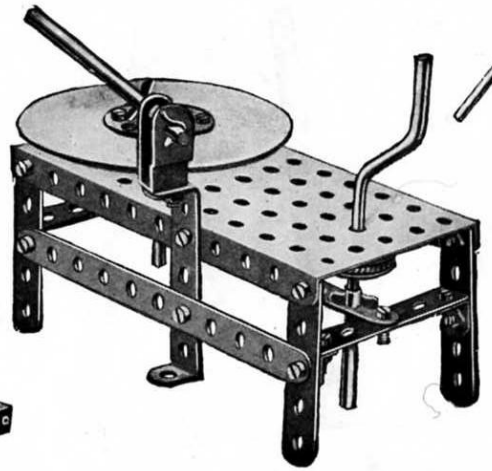
Model No. 19 Railway Signal



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	„ „	52
1	„ „	126A

Model No. 20 Potter's Wheel



Potter's Wheel

(underneath view)

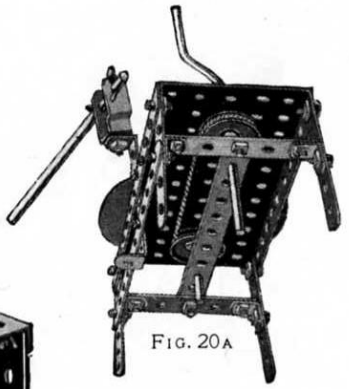


FIG. 20A

Parts required:

3	of No.	2	1	of No.	24
4	„ „	5	2	„ „	35
1	„ „	16	17	„ „	37
1	„ „	19	1	„ „	44
2	„ „	22	3	„ „	48A

1 of No. 52

Model No. 21 Cot

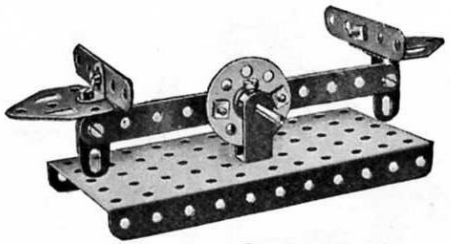
Parts required:

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

1 of No. 52

meccanoindex.co.uk

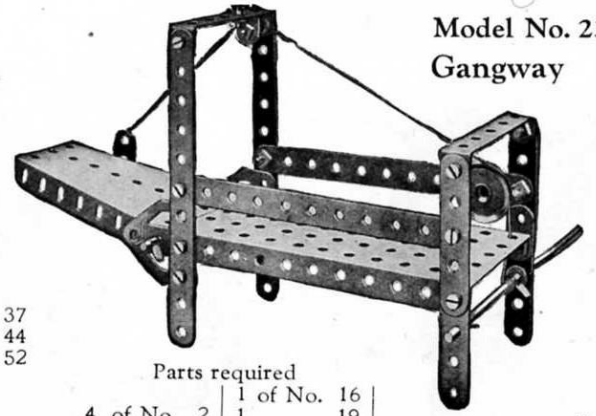
Model No. 22 Scales



Parts required:

1 of No. 2	2 of No. 12	9 of No. 37
2 „ „ 5	1 „ „ 17	1 „ „ 44
2 „ „ 10	1 „ „ 24	1 „ „ 52
	2 „ „ 126A	

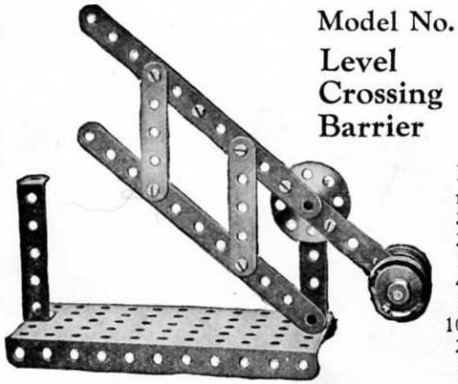
Model No. 23 Gangway



Parts required

	1 of No. 16	
4 of No. 2	1 „ „ 19	
4 „ „ 5	1 „ „ 22	2 of No. 48A
1 „ „ 10	1 „ „ 23	1 „ „ 52
1 „ „ 12	4 „ „ 35	1 „ „ 54
	18 „ „ 37	2 „ „ 126A

Model No. 24 Level Crossing Barrier



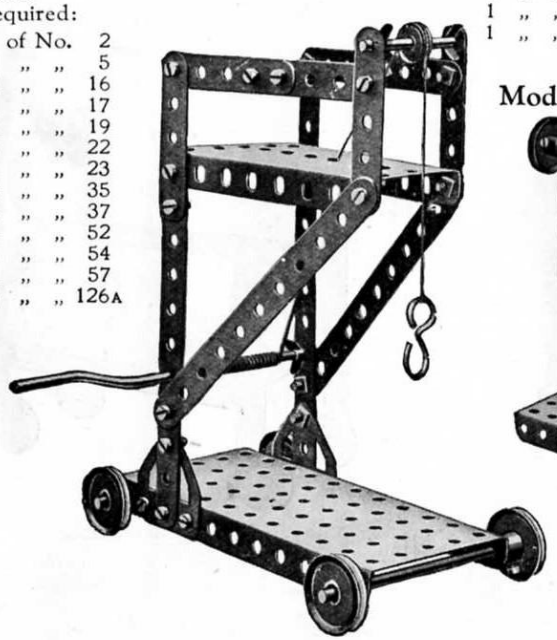
Parts required:

3 of No.	2
2 „ „	5
1 „ „	17
4 „ „	22
1 „ „	24
10 „ „	37
2 „ „	48A
1 „ „	52

Model No. 25 Tower Wagon

Parts required:

4 of No.	2
8 „ „	5
2 „ „	16
1 „ „	17
1 „ „	19
4 „ „	22
1 „ „	23
4 „ „	35
24 „ „	37
1 „ „	52
1 „ „	54
1 „ „	57
2 „ „	126A



Model No. 26 Pulley Shaft

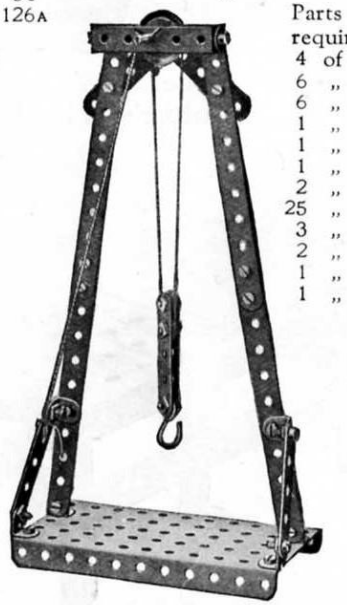
Parts required:

4 of No.	2
4 „ „	12
1 „ „	16
4 „ „	22
10 of No.	37
2 „ „	38
1 „ „	52

Model No. 27 Hoisting Block

Parts required:

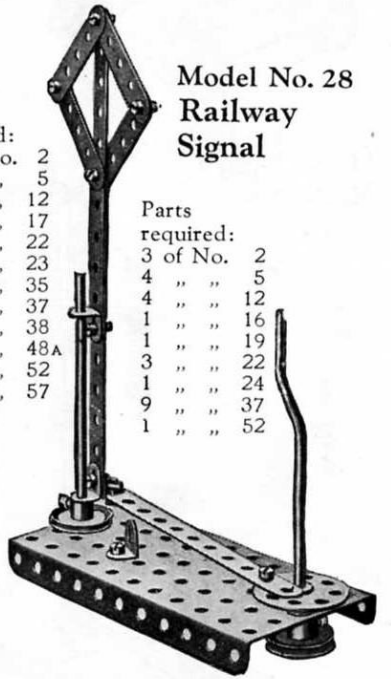
4 of No.	2
6 „ „	5
6 „ „	12
1 „ „	17
1 „ „	22
1 „ „	23
2 „ „	35
25 „ „	37
3 „ „	38
2 „ „	48A
1 „ „	52
1 „ „	57



Model No. 28 Railway Signal

Parts required:

3 of No.	2
4 „ „	5
4 „ „	12
1 „ „	16
1 „ „	19
3 „ „	22
1 „ „	24
9 „ „	37
1 „ „	52



meccanoindex.co.uk

Model No. 29 Drilling Machine

Parts required:

4	of No.	2	
3	„ „	5	
1	„ „	11	
2	„ „	16	
1	„ „	19	
4	„ „	22	
1	„ „	24	
4	„ „	35	
19	„ „	37	
1	„ „	44	
3	„ „	48A	
1	„ „	52	
1	„ „	54	
2	„ „	126A	

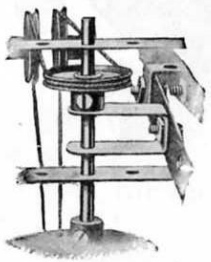
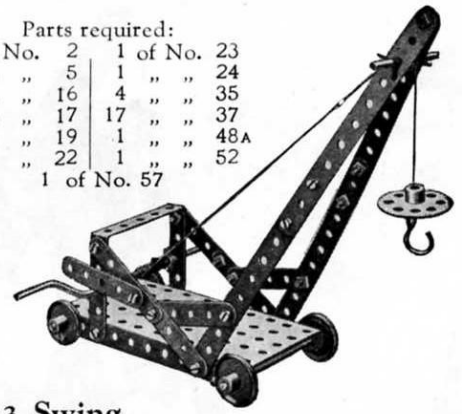


FIG. 29A
(*Detail of Drilling Machine*)

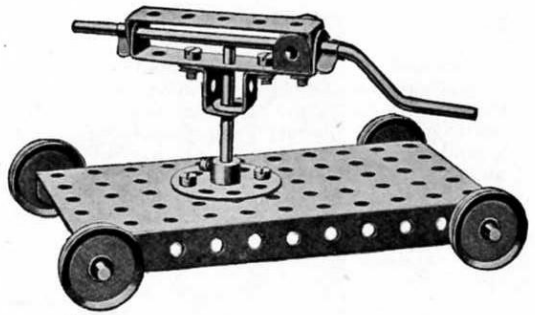
Model No. 30 Jib Crane

Parts required:

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



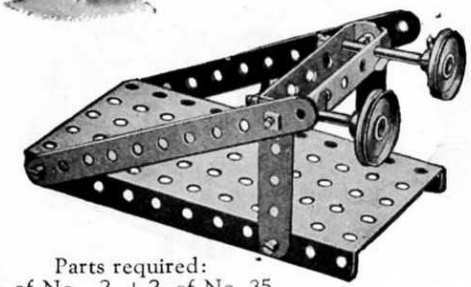
Model No. 31 Rock Drill



Parts required:

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

Model No. 32 Buffers



Parts required:

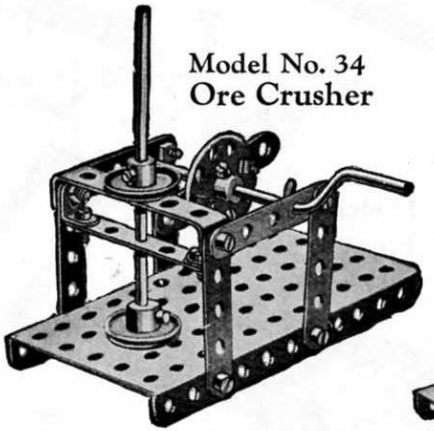
2	of No.	2	2	of No.	35
2	„ „	5	6	„ „	37
2	„ „	17	2	„ „	48A
2	„ „	22	1	„ „	52

Model No. 33 Swing

Parts required:

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

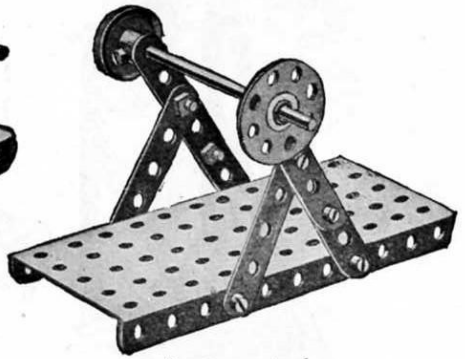
Model No. 34 Ore Crusher



Parts required:

6	of No.	5	1	of No.	24
2	„ „	10	2	„ „	35
1	„ „	16	10	„ „	37
1	„ „	19	2	„ „	48A
2	„ „	22	1	„ „	52

Model No. 35 Buffing Spindle



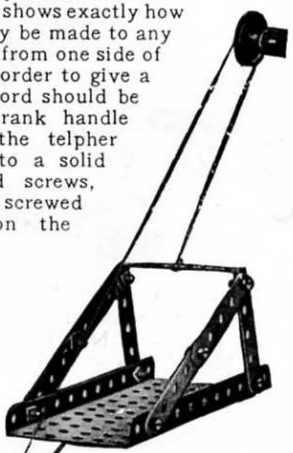
Parts required:

6	of No.	5	1	of No.	24
1	„ „	16	8	„ „	37
1	„ „	22	1	„ „	52

meccanoindex.co.uk

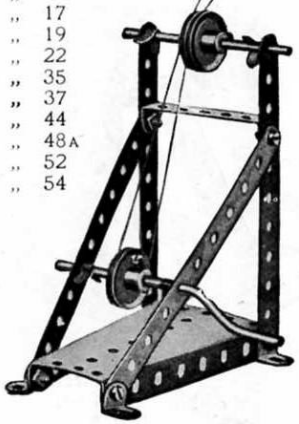
Model No. 36 Telpher Span

Many hours of enjoyment may be obtained from this model. The illustration shows exactly how it is worked. The cords may be made to any length, and the load carried from one side of the room to the other. In order to give a better grip, the operating cord should be wound twice round the crank handle pulley. The body of the telpher should be screwed down to a solid base with ordinary wood screws, and the pulley bracket screwed in a suitable position on the opposite side of the room.



Parts required:

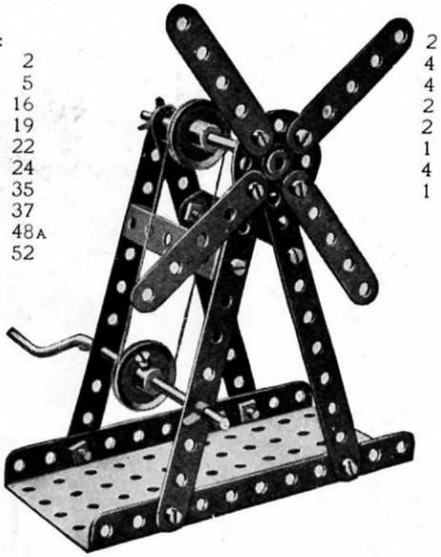
4	of No.	2
6	„ „	5
4	„ „	12
1	„ „	16
1	„ „	17
1	„ „	19
4	„ „	22
6	„ „	35
14	„ „	37
1	„ „	44
2	„ „	48A
1	„ „	52
1	„ „	54



Model No. 37 Windmill

Parts required:

4	of No.	2
4	„ „	5
1	„ „	16
1	„ „	19
2	„ „	22
1	„ „	24
4	„ „	35
12	„ „	37
2	„ „	48A
1	„ „	52

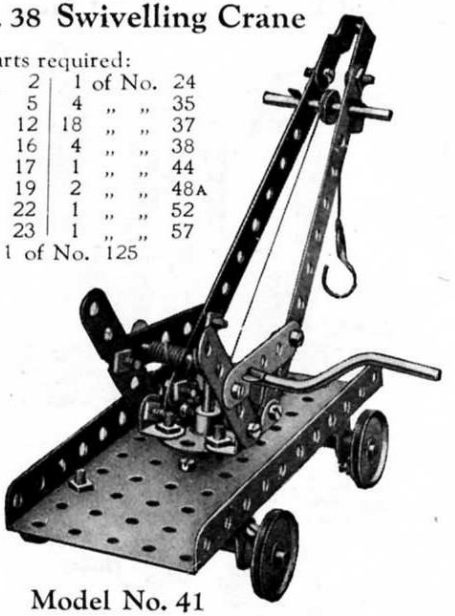


Model No. 38 Swivelling Crane

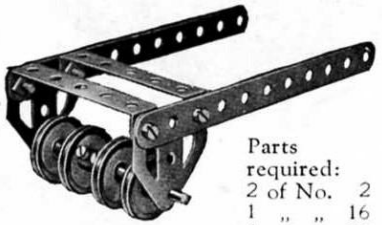
Parts required:

2	of No.	2	1	of No.	24
4	„ „	5	4	„ „	35
4	„ „	12	18	„ „	37
2	„ „	16	4	„ „	38
2	„ „	17	1	„ „	44
1	„ „	19	2	„ „	48A
4	„ „	22	1	„ „	52
1	„ „	23	1	„ „	57

1 of No. 125



Model No. 39 Furrow Roller



Parts required:

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

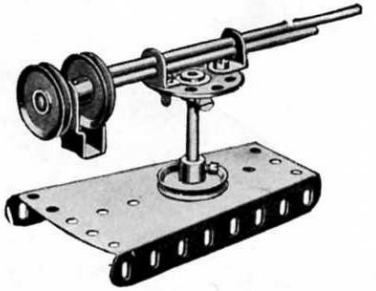
Model No. 40 Lawn Mower

Parts required:

4	of No.	2	1	of No.	17
7	„ „	5	4	„ „	22
2	„ „	11	19	„ „	37
2	„ „	16	1	„ „	44

3 of No. 48A

Model No. 41 Quick-Firing Gun



Parts required:

2	of No.	12	1	of No.	24
2	„ „	16	4	„ „	37
1	„ „	17	1	„ „	44

1 of No. 54

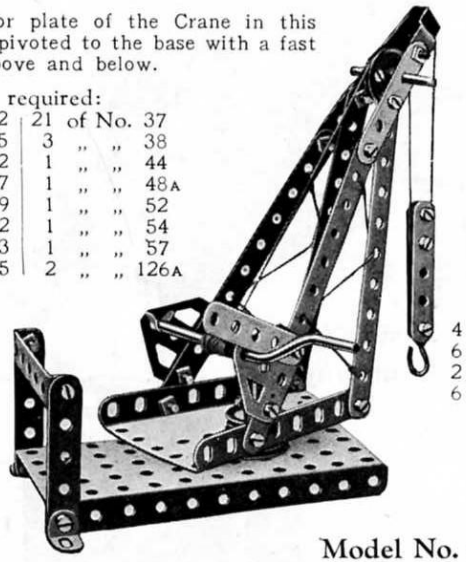
meccanoindex.co.uk

Model No. 42 Swivelling Crane

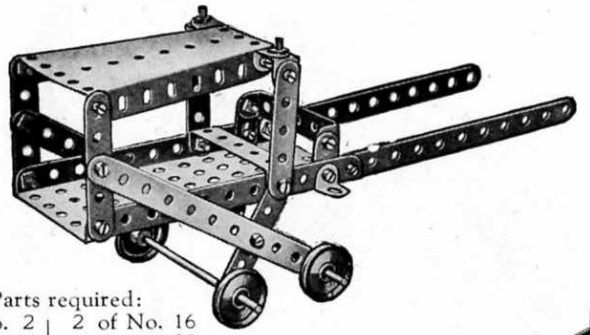
The sector plate of the Crane in this model is pivoted to the base with a fast pulley above and below.

Parts required:

4	of No.	2	21	of No.	37
7	„ „	5	3	„ „	38
2	„ „	12	1	„ „	44
2	„ „	17	1	„ „	48A
1	„ „	19	1	„ „	52
4	„ „	22	1	„ „	54
1	„ „	23	1	„ „	57
2	„ „	35	2	„ „	126A



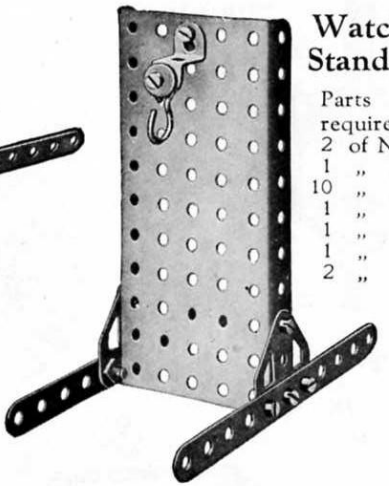
Model No. 43 Ticca Gharry



Parts required:

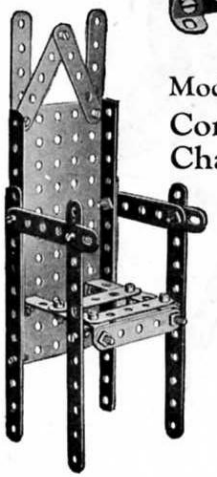
4	of No.	2	2	of No.	16
6	„ „	5	4	„ „	22
2	„ „	10	22	„ „	37
6	„ „	12	1	„ „	52
			1	of No.	54

Model No. 44 Watch Stand



Parts required:

2	of No.	2
1	„ „	23
10	„ „	37
1	„ „	52
1	„ „	57
1	„ „	125
2	„ „	126A

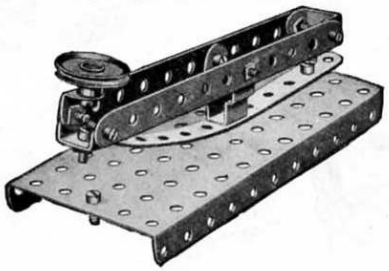


Model No. 45 Coronation Chair

Parts required:

4	of No.	2
9	„ „	5
2	„ „	10
2	„ „	12
19	„ „	37
2	„ „	48A
1	„ „	52

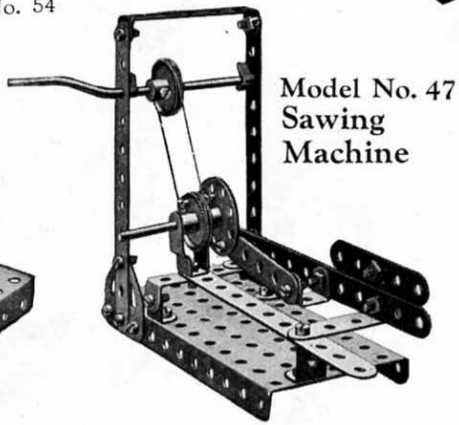
Model No. 46 Telegraph Key



Parts required:

3	of No.	2	1	of No.	22
1	„ „	10	11	„ „	37
2	„ „	11	1	„ „	44
1	„ „	12	1	„ „	52

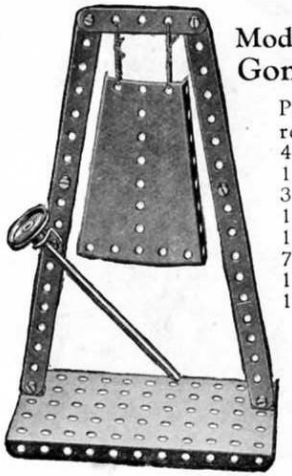
Model No. 47 Sawing Machine



Parts required:

4	of No.	2	1	of No.	24
3	„ „	3	2	„ „	35
4	„ „	12	23	„ „	37
1	„ „	17	1	„ „	44
1	„ „	19	2	„ „	48A
2	„ „	22	1	„ „	52
			2	of No.	126A

Model No. 48 Gong

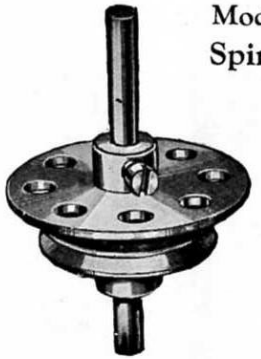


Parts required:

4	of No.	2
1	„ „	5
3	„ „	12
1	„ „	16
1	„ „	22
7	„ „	37
1	„ „	52
1	„ „	54

meccanoindex.co.uk

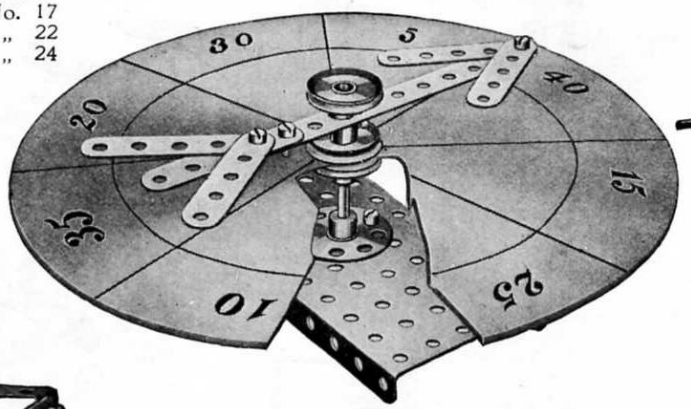
Model No. 49 Spinning Top



Parts required:
1 of No. 17
1 „ „ 22
1 „ „ 24

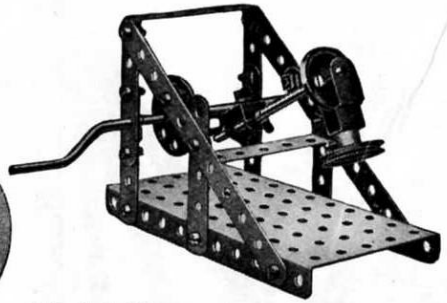
Model No. 50 Roulette Wheel

Parts required:
1 of No. 2
5 of No. 5
1 „ „ 16
3 „ „ 22
1 of No. 52
1 „ „ 24
5 „ „ 37



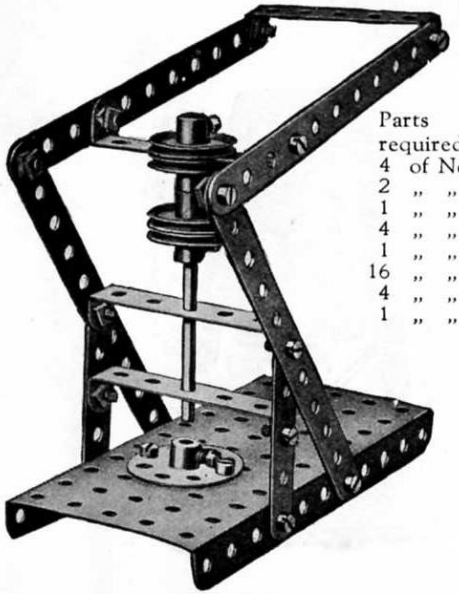
Cut out a circular piece of cardboard and mark as shown to form scoring board. This is clamped between two 1″ pulley wheels. The pointer revolves freely on the upright spindle and is held in position by another 1″ pulley wheel.

Model No. 51 Mechanical Hammer



Parts required:
2 of No. 2
6 „ „ 5
1 „ „ 11
1 „ „ 12
1 „ „ 16
1 „ „ 19
2 „ „ 22
1 „ „ 24
4 „ „ 35
18 „ „ 37
1 „ „ 44
3 „ „ 48A
1 „ „ 52

Model No. 52 Punching Machine

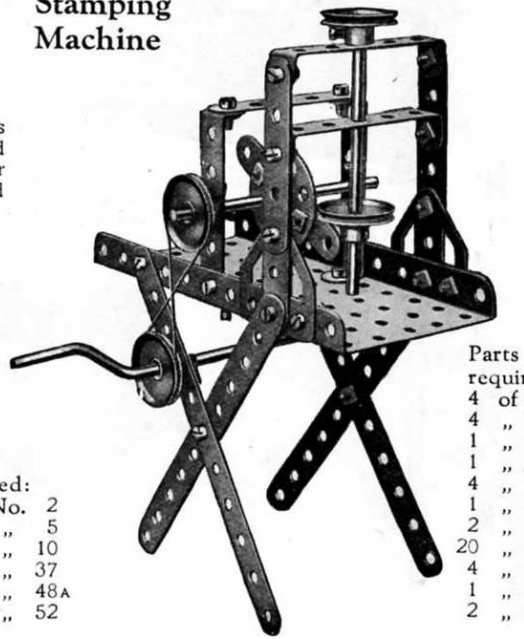


Parts required:
4 of No. 2
2 „ „ 5
1 „ „ 16
4 „ „ 22
1 „ „ 24
16 „ „ 37
4 „ „ 48A
1 „ „ 52

Model No. 53 Settee

Parts required:
2 of No. 2
8 „ „ 5
3 „ „ 10
15 „ „ 37
2 „ „ 48A
1 „ „ 52

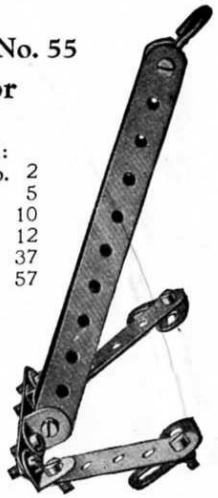
Model No. 54 Stamping Machine



Parts required:
4 of No. 2
4 „ „ 5
1 „ „ 16
1 „ „ 19
4 „ „ 22
1 „ „ 24
2 „ „ 35
20 „ „ 37
4 „ „ 48A
1 „ „ 52
2 „ „ 126A

meccanoindex.co.uk

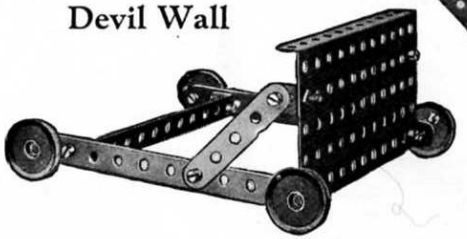
Model No. 55
Anchor



Parts required:

2	of No.	2
3	„ „	5
4	„ „	10
4	„ „	12
11	„ „	37
1	„ „	57

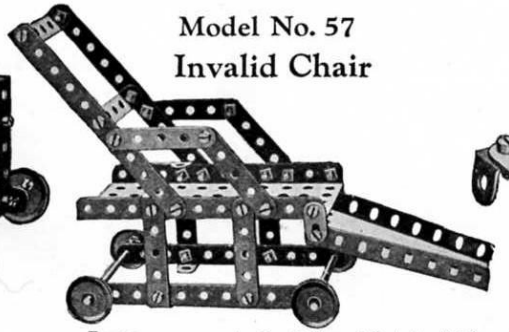
Model No. 56
Devil Wall



Parts required:

3	of No.	2	4	of No.	22
2	„ „	5	18	„ „	37
6	„ „	12	1	„ „	52

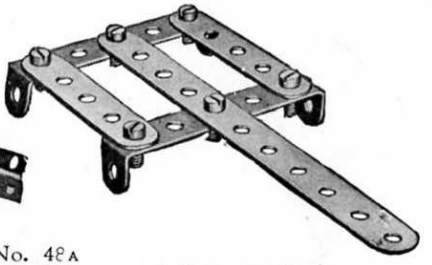
Model No. 57
Invalid Chair



Parts required:

4	of No.	2	2	of No.	10
6	„ „	5	2	„ „	16
			4	„ „	22
			24	„ „	37
4	of No.	48A			
1	„ „	52			
1	„ „	54			

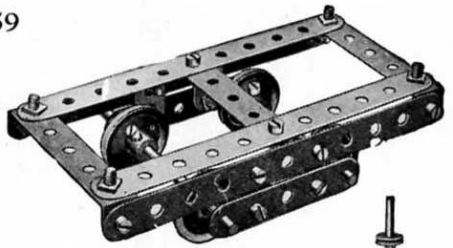
Model No. 58
Grill



Parts required:

1	of No.	2	6	of No.	37
2	„ „	5	2	„ „	48A

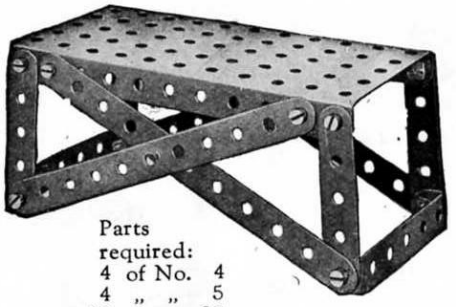
Model No. 59
Bogie Car



Parts required:

4	of No.	2
3	„ „	5
4	„ „	10
2	„ „	16
4	„ „	22
18	„ „	37

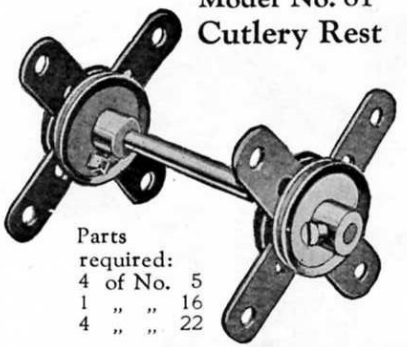
Model No. 60 Fire Stand



Parts required:

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

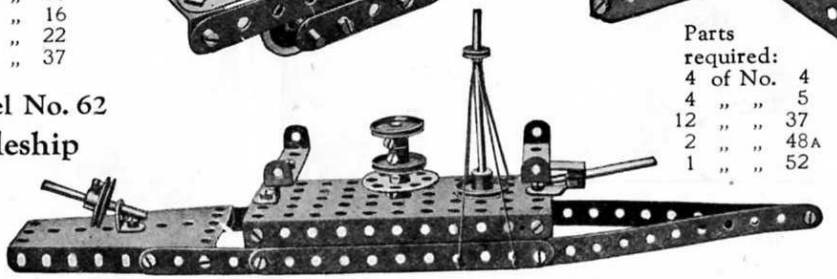
Model No. 61
Cutlery Rest



Parts required:

4	of No.	5
1	„ „	16
4	„ „	22

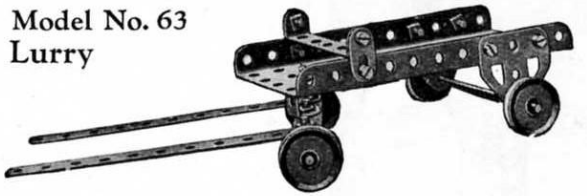
Model No. 62
Battleship



Parts required:

4	of No.	2	1	of No.	16	1	of No.	24	2	of No.	48A
3	„ „	5	2	„ „	17	3	„ „	35	1	„ „	52
4	„ „	10	4	„ „	22	19	„ „	37	1	„ „	54
1	„ „	12	1	„ „	23	1	„ „	44	1	„ „	125

Model No. 63
Lurry



Parts required:

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

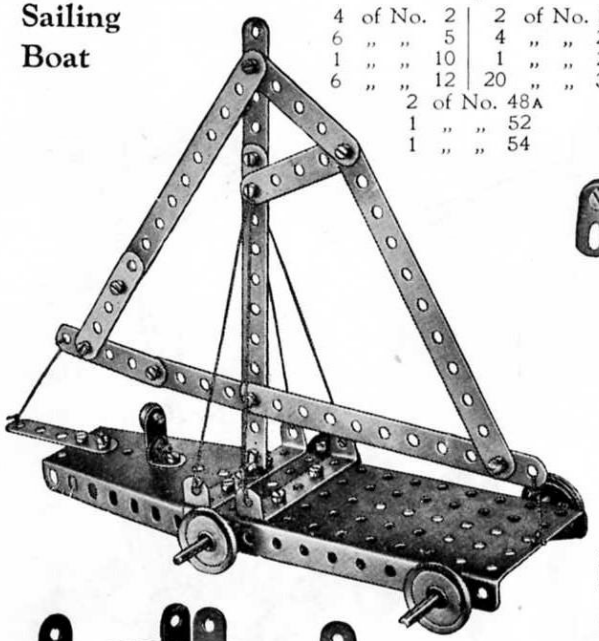
meccanoindex.co.uk

These Models can be made with MECCANO Outfit No. 0.

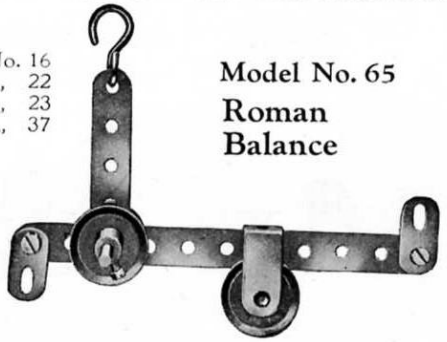
Model No. 64 Sailing Boat

Parts required:

4	of No. 2	2	of No. 16
6	„ „ 5	4	„ „ 22
1	„ „ 10	1	„ „ 23
6	„ „ 12	20	„ „ 37
2	of No. 48A		
1	„ „ 52		
1	„ „ 54		



Model No. 65 Roman Balance



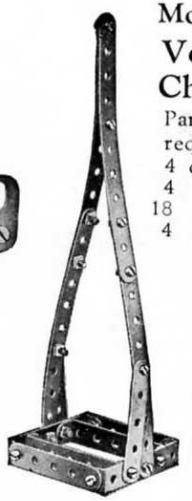
Parts required:

1	of No. 2	3	of No. 22
1	„ „ 5	3	„ „ 37
2	„ „ 10	1	„ „ 44
1	„ „ 17	1	„ „ 57

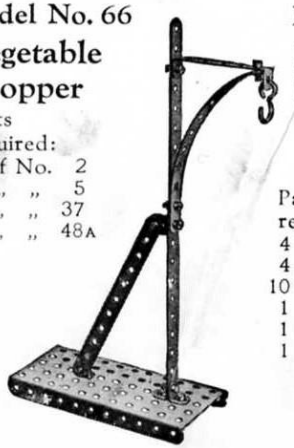
Model No. 66 Vegetable Chopper

Parts required:

4	of No. 2
4	„ „ 5
18	„ „ 37
4	„ „ 48A



Model No. 67 Mail-Bag Hanger



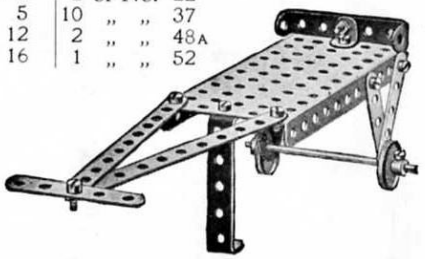
Parts required:

4	of No. 2
4	„ „ 12
10	„ „ 37
1	„ „ 48A
1	„ „ 52
1	„ „ 57

Model No. 68 Shipyard Bogie

Parts required:

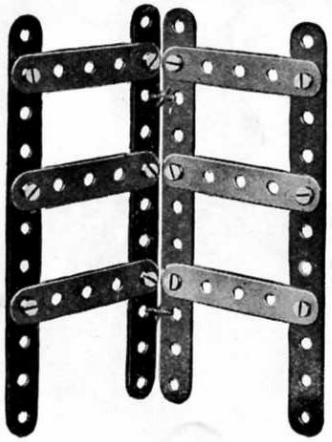
2	of No. 2	2	of No. 22
5	„ „ 5	10	„ „ 37
1	„ „ 12	2	„ „ 48A
1	„ „ 16	1	„ „ 52



Model No. 69 Clothes Horse

Parts required:

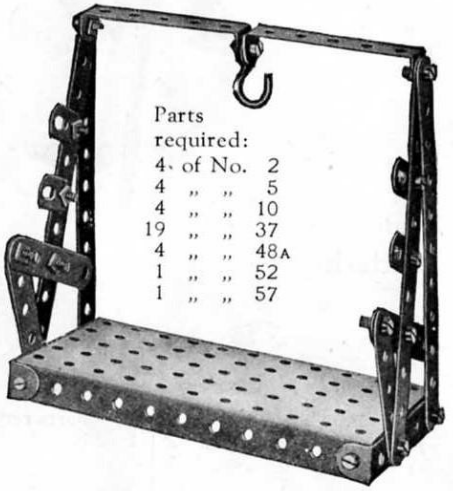
4	of No. 2
6	„ „ 5
12	„ „ 37



Model No. 70 Pen Rack

Parts required:

4	of No. 2
4	„ „ 5
4	„ „ 10
19	„ „ 37
4	„ „ 48A
1	„ „ 52
1	„ „ 57

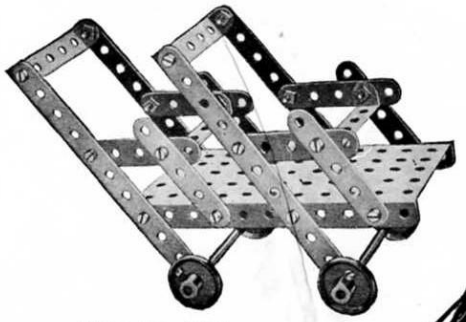


HOW TO CONTINUE

This completes the Models which 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 the Manual.

meccanoindex.co.uk

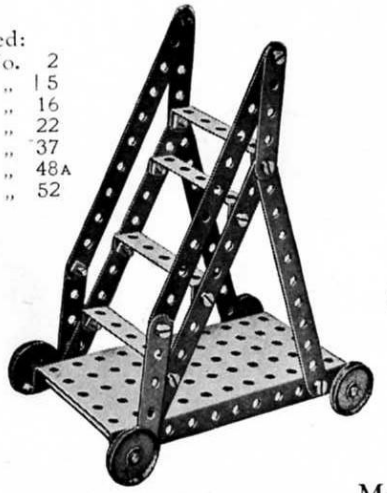
Model No. 101
Tandem Car



Parts required:

4 of No.	2	20 of No.	37
8 „ „	5	4 „ „	48A
2 „ „	16	1 „ „	52
4 „ „	22		

Model No. 102
Travelling Ladder



Parts required:

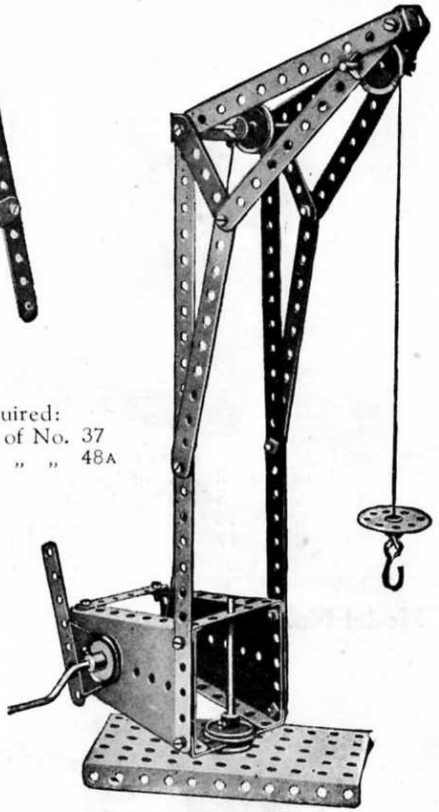
6 of No.	2
4 „ „	5
2 „ „	16
4 „ „	22
16 „ „	37
4 „ „	48A
1 „ „	52

Model No. 103
Step Ladder

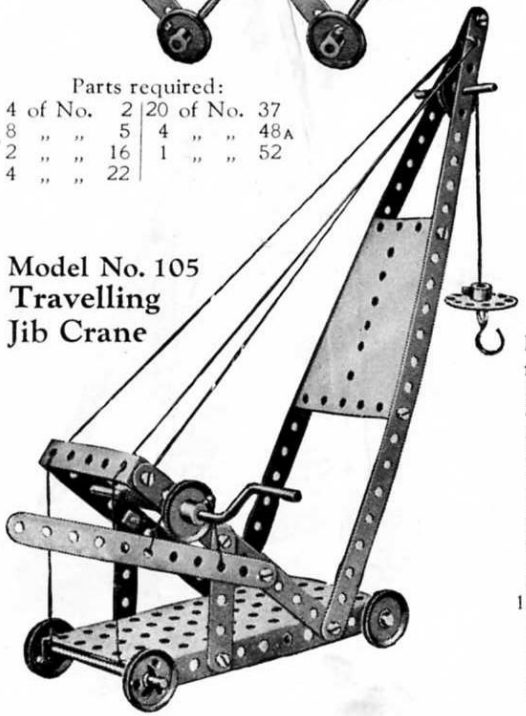
Parts required:

4 of No.	2	10 of No.	37
3 „ „	5	4 „ „	48A
2 „ „	12		

Model No. 104
Swivelling Crane



Model No. 105
Travelling Jib Crane



Parts required:

2 of No.	1	1 of No.	11
3 „ „	2	2 „ „	16
2 „ „	5	2 „ „	17
2 „ „	16	1 „ „	19
1 „ „	17	4 „ „	22
1 „ „	19	2 „ „	22A
4 „ „	22	1 „ „	24
2 „ „	22A	5 „ „	35
1 „ „	24	15 „ „	37
5 „ „	35	1 „ „	48A
15 „ „	37	1 „ „	52
1 „ „	48A	1 „ „	54
1 „ „	52	1 „ „	57
1 „ „	54		
1 „ „	57		

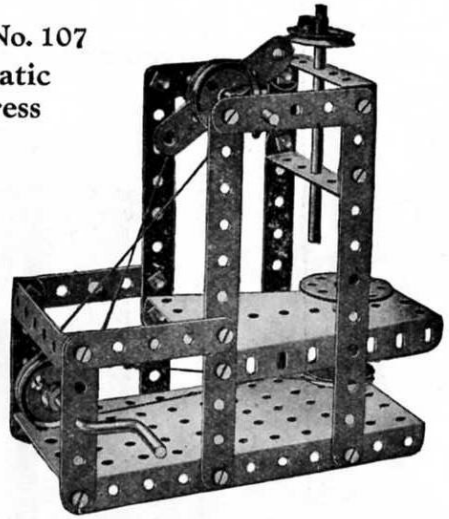
Model No. 106
Swing

Parts required

4 of No.	1	2 of No.	22A
1 „ „	2	1 „ „	24
6 „ „	5	4 „ „	35
4 „ „	12	18 „ „	37
12 „ „	37	1 „ „	44
3 „ „	48A	3 of No.	48A
1 „ „	52	1 „ „	52
		2 „ „	54
		1 „ „	57

meccanoindex.co.uk

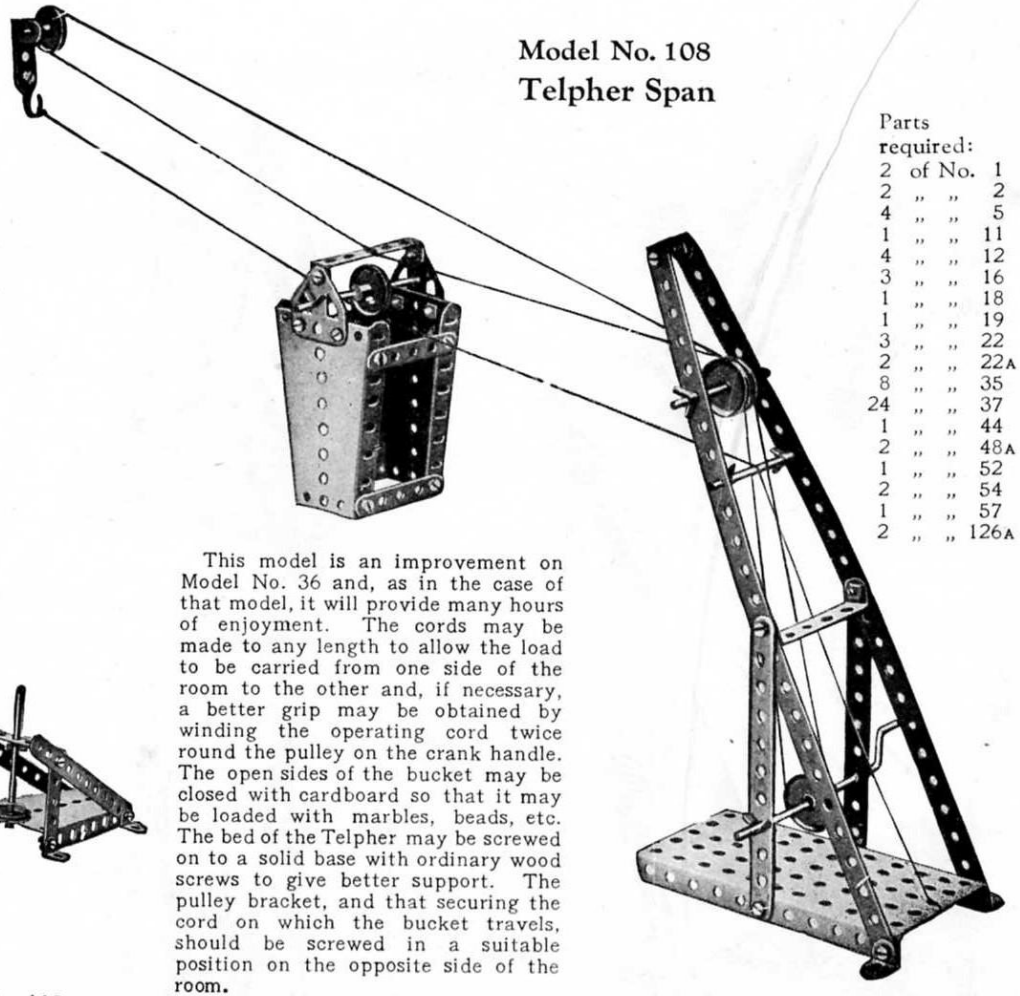
Model No. 107 Automatic Dial Press



Parts required:

4	of No.	2	1	of No.	19	18	of No.	37
7	„	„ 5	4	„	„ 22	3	„	„ 48A
2	„	„ 16	2	„	„ 22A	1	„	„ 52
1	„	„ 17	1	„	„ 24	1	„	„ 54
			7	„	„ 35			

Model No. 108 Telpher Span

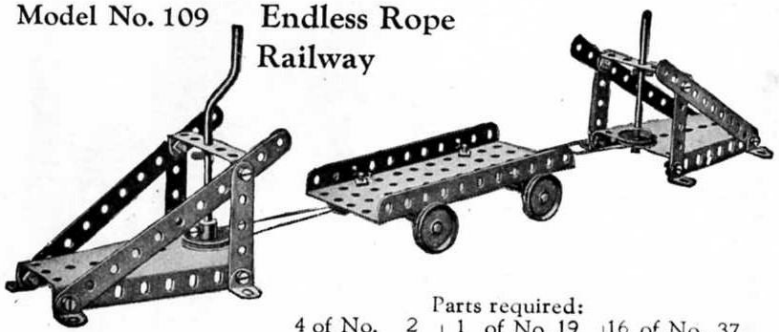


Parts required:

2	of No.	1
2	„	„ 2
4	„	„ 5
1	„	„ 11
4	„	„ 12
3	„	„ 16
1	„	„ 18
1	„	„ 19
3	„	„ 22
2	„	„ 22A
8	„	„ 35
24	„	„ 37
1	„	„ 44
2	„	„ 48A
1	„	„ 52
2	„	„ 54
1	„	„ 57
2	„	„ 126A

This model is an improvement on Model No. 36 and, as in the case of that model, it will provide many hours of enjoyment. The cords may be made to any length to allow the load to be carried from one side of the room to the other and, if necessary, a better grip may be obtained by winding the operating cord twice round the pulley on the crank handle. The open sides of the bucket may be closed with cardboard so that it may be loaded with marbles, beads, etc. The bed of the Telpher may be screwed on to a solid base with ordinary wood screws to give better support. The pulley bracket, and that securing the cord on which the bucket travels, should be screwed in a suitable position on the opposite side of the room.

Model No. 109 Endless Rope Railway

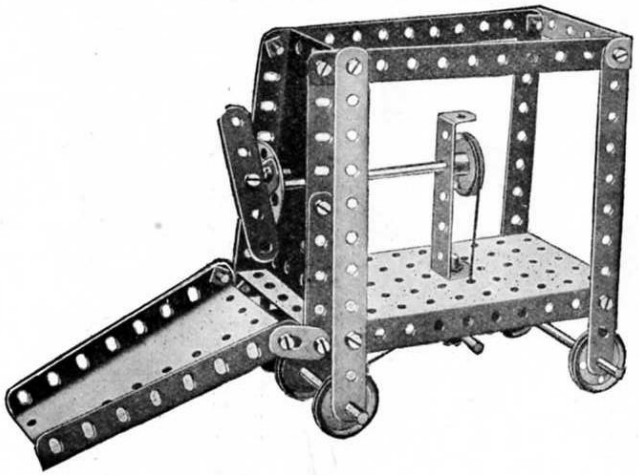


Parts required:

4	of No.	2	1	of No.	19	16	of No.	37
4	„	„ 5	4	„	„ 22	4	„	„ 48A
8	„	„ 12	2	„	„ 22A	1	„	„ 52
3	„	„ 16	4	„	„ 35	2	„	„ 54

meccanoindex.co.uk

Model No. 110 Snow Plough



Parts required:

6	of No.	2	1	of No.	24
3	„	„ 5	4	„	„ 35
2	„	„ 10	19	„	„ 37
1	„	„ 12	1	„	„ 44
3	„	„ 16	2	„	„ 48A
1	„	„ 17	1	„	„ 52
4	„	„ 22	2	„	„ 54
2	„	„ 22A			

Model No. 111 Dinner Wagon

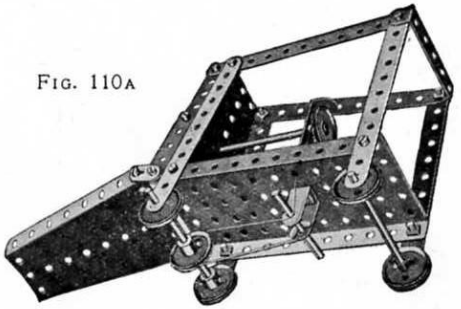
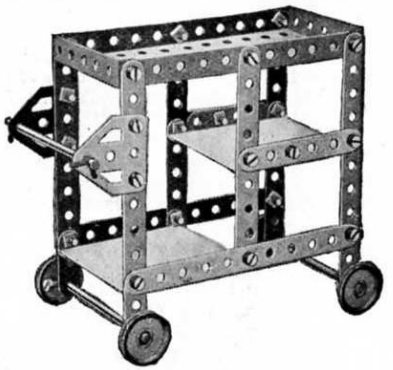


FIG. 110A



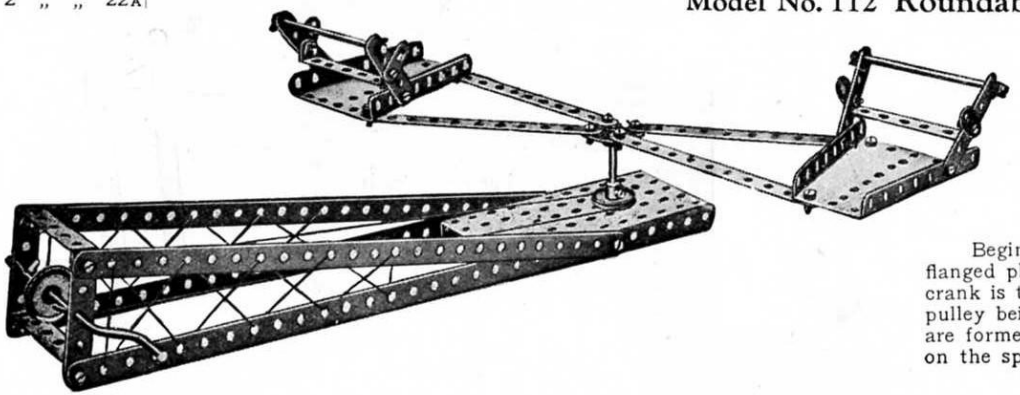
The construction of the framework of this model presents no difficulty. The sector plate forming the plough is loosely pivoted on the bolts 1. The axle 2 is mounted in the front sector plate and the 2½" double angle strip 3. A 2½" strip 4 is bolted by angle brackets to a bush wheel on the front of the axle and forms a dispersing propeller for the snow after it has risen up the inclined sector plate. A continuous cord 5 is passed round a 1" pulley 6 and round the short axle 7 and a 1" pulley on the propeller axle. In this way, as the plough is moved along the ground, the propeller is revolved.

Parts required:

6	of No.	2	2	of No.	35
8	„	„ 5	22	„	„ 37
4	„	„ 12	4	„	„ 48A
3	„	„ 16	1	„	„ 52
4	„	„ 22	2	„	„ 126A

The two lower platforms are constructed out of pieces of ordinary cardboard, their outer edges resting on 2½" bent strips and their inner edges on angle brackets.

Model No. 112 Roundabout



Parts required:

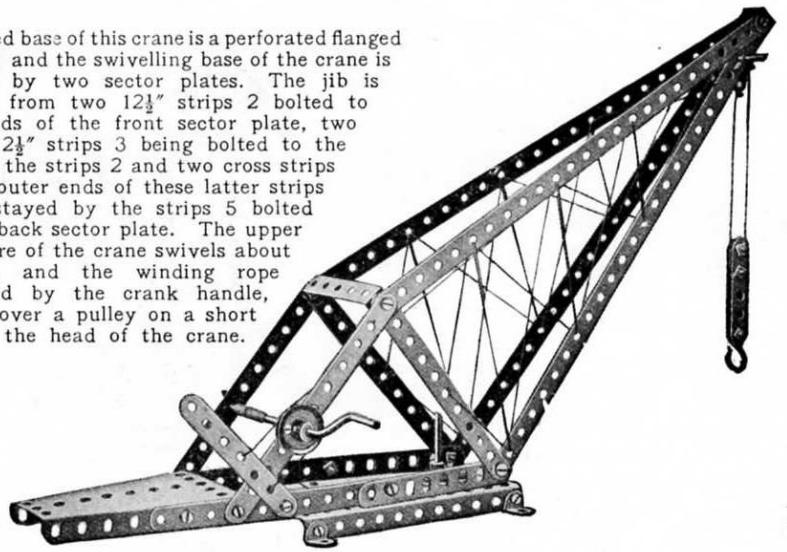
4	of No.	1	1	of No.	17	22	of No.	37
4	„	„ 2	1	„	„ 19	4	„	„ 48A
6	„	„ 5	3	„	„ 22	1	„	„ 52
4	„	„ 10	1	„	„ 24	2	„	„ 54
2	„	„ 16	6	„	„ 35			

Begin to build this model by making the platform from a flanged plate and 12½" strips. The drive from the pulley on the crank is taken to a 1" pulley fast on a spindle 2, another similar pulley being secured to the spindle beneath the plate. The arms are formed of four 5½" strips and bolted to a bush wheel 1 fast on the spindle.

meccanoindex.co.uk

Model No. 113 Swivelling Jib Crane

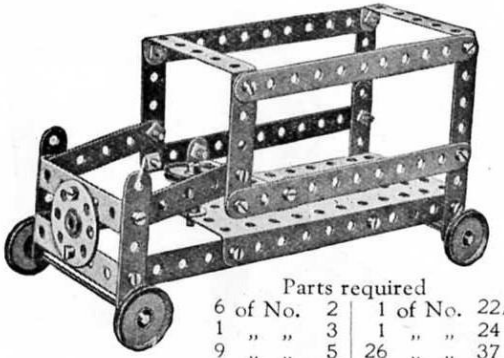
The fixed base of this crane is a perforated flanged plate 1 and the swivelling base of the crane is formed by two sector plates. The jib is formed from two 12½" strips 2 bolted to the ends of the front sector plate, two other 12½" strips 3 being bolted to the tops of the strips 2 and two cross strips 4, the outer ends of these latter strips being stayed by the strips 5 bolted to the back sector plate. The upper structure of the crane swivels about a rod, and the winding rope operated by the crank handle, passes over a pulley on a short rod in the head of the crane.



Parts required:

4	of No.	1
6	„ „	2
1	„ „	3
2	„ „	5
1	„ „	10
1	„ „	11
4	„ „	12
2	„ „	17
1	„ „	19
3	„ „	22
1	„ „	22A
1	„ „	23
3	„ „	35
20	„ „	37
3	„ „	38
1	„ „	48A
1	„ „	52
2	„ „	54
1	„ „	57

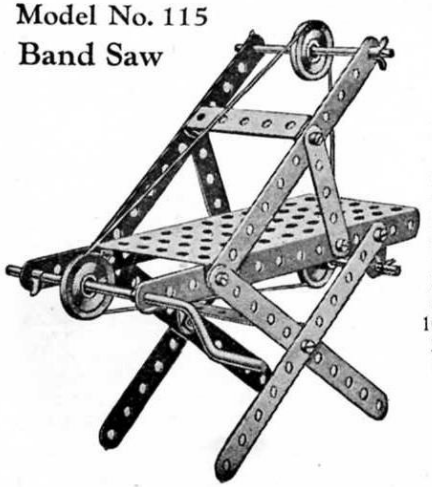
Model No. 114 Motor Van



Parts required

6	of No.	2		1	of No.		22A
1	„ „	3		1	„ „		24
9	„ „	5		26	„ „		37
1	„ „	11		5	„ „		48A
2	„ „	16		1	„ „		52
4	„ „	22					

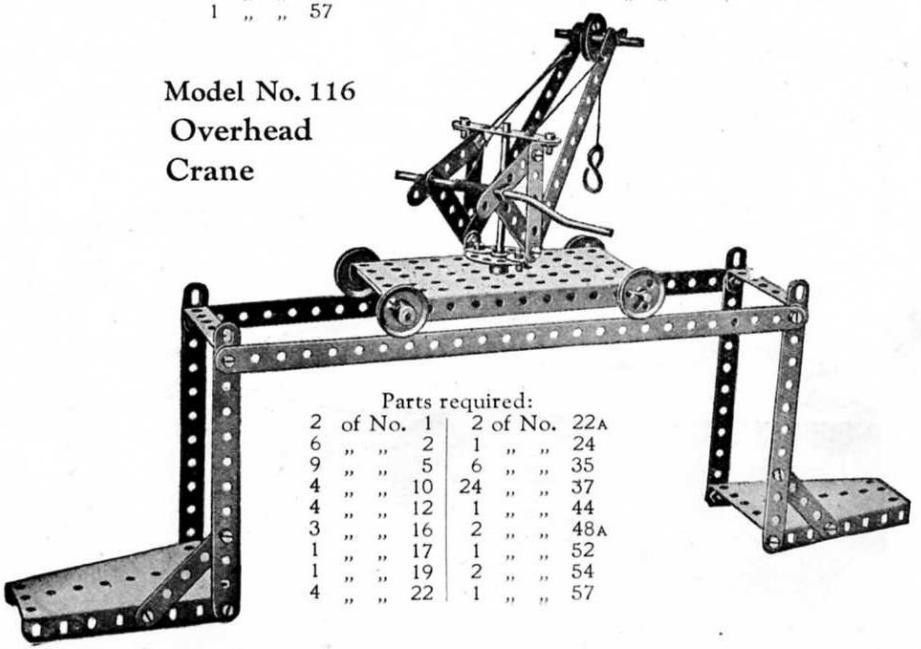
Model No. 115 Band Saw



Parts required:

6	of No.	2
4	„ „	5
2	„ „	10
2	„ „	16
1	„ „	19
3	„ „	22
6	„ „	35
10	„ „	37
2	„ „	48A
1	„ „	52

Model No. 116 Overhead Crane

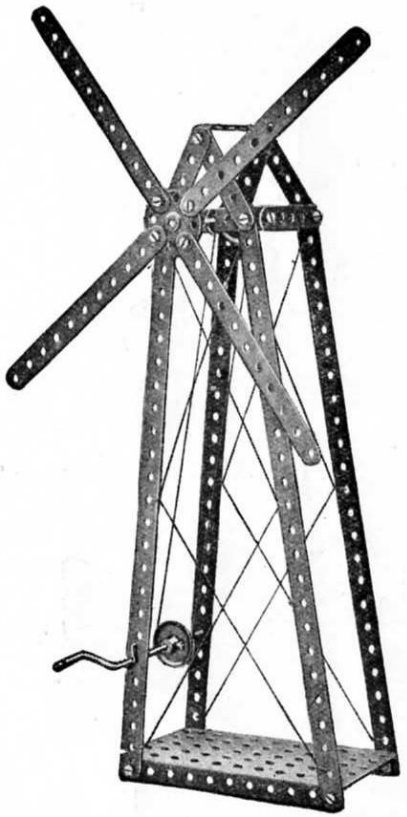


Parts required:

2	of No.	1		2	of No.		22A
6	„ „	2		1	„ „		24
9	„ „	5		6	„ „		35
4	„ „	10		24	„ „		37
4	„ „	12		1	„ „		44
3	„ „	16		2	„ „		48A
1	„ „	17		1	„ „		52
1	„ „	19		2	„ „		54
4	„ „	22		1	„ „		57

meccanoindex.co.uk

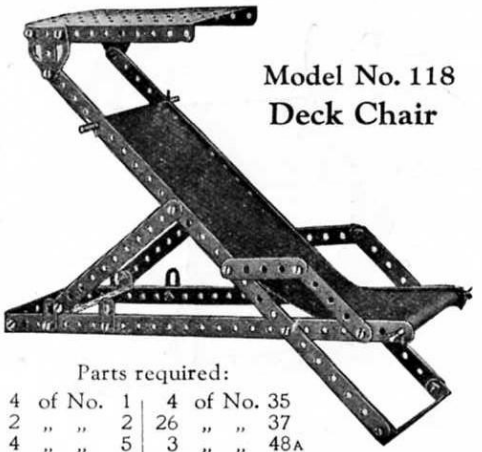
Model No. 117 Windmill



Parts required:

4	of No.	1	2	of No.	22
4	„ „	2	1	„ „	24
7	„ „	5	4	„ „	35
2	„ „	12	20	„ „	37
1	„ „	16	3	„ „	48A
1	„ „	19	1	„ „	52

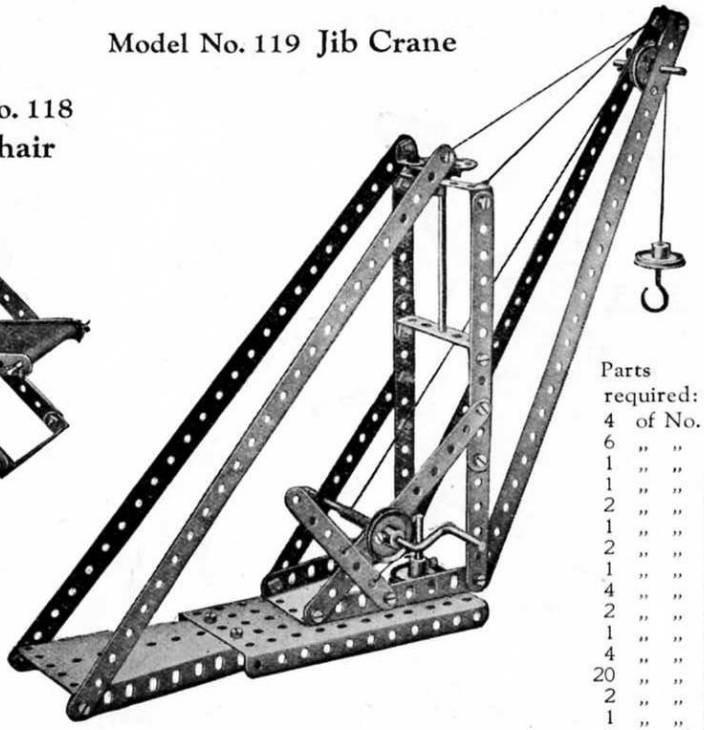
Model No. 118 Deck Chair



Parts required:

4	of No.	1	4	of No.	35
2	„ „	2	26	„ „	37
4	„ „	5	3	„ „	48A
4	„ „	10	1	„ „	52
2	„ „	16	2	„ „	126A

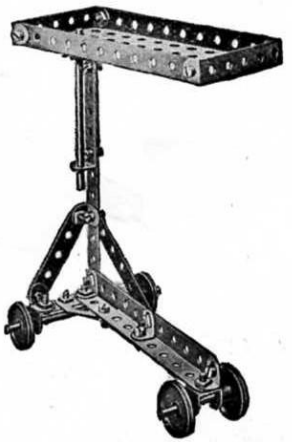
Model No. 119 Jib Crane



Parts required:

4	of No.	1
6	„ „	2
1	„ „	3
1	„ „	11
2	„ „	12
1	„ „	16
2	„ „	17
1	„ „	19
4	„ „	22
2	„ „	22A
1	„ „	24
4	„ „	35
20	„ „	37
2	„ „	48A
1	„ „	52
2	„ „	54
1	„ „	57

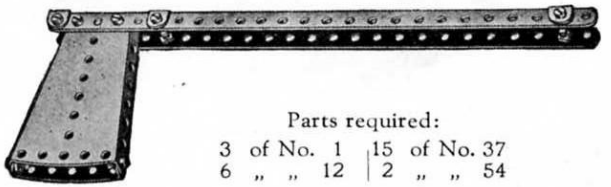
Model No. 120 Bed Table



Parts required:

3	of No.	2
1	„ „	3
1	„ „	5
1	„ „	11
5	„ „	12
2	„ „	16
1	„ „	17
4	„ „	22
1	„ „	24
21	„ „	37
4	„ „	48A
1	„ „	52
1	„ „	126A

Model No. 121 Hatchet

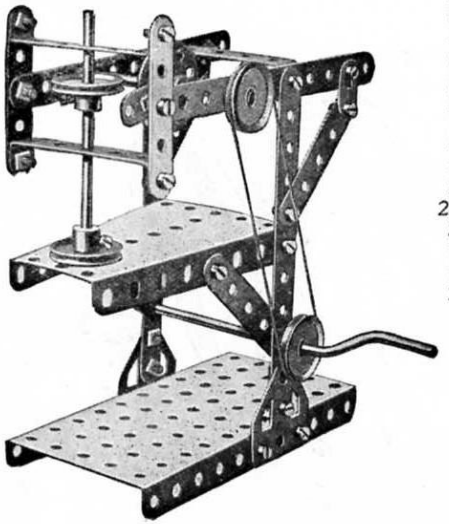


Parts required:

3	of No.	1	15	of No.	37
6	„ „	12	2	„ „	54

meccanoindex.co.uk

Model No. 122 Drop Stamp



Parts required:

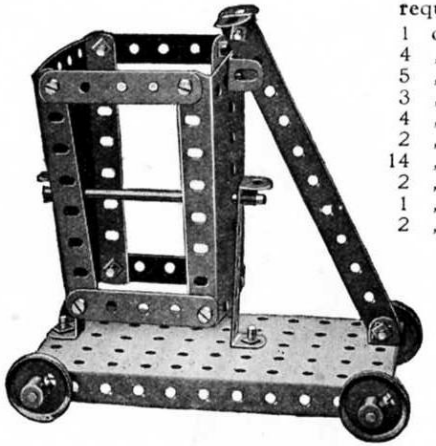
4	of No.	2
6	„ „	5
3	„ „	10
2	„ „	16
1	„ „	19
4	„ „	22
1	„ „	24
2	„ „	35
27	„ „	37
3	„ „	48A
1	„ „	52
1	„ „	54
2	„ „	126A

Model No. 123 Lathe

Parts required:

6	of No.	2	1	of No.	24
4	„ „	12	17	„ „	37
1	„ „	17	1	„ „	44
1	„ „	19	2	„ „	48A
3	„ „	22	1	„ „	52

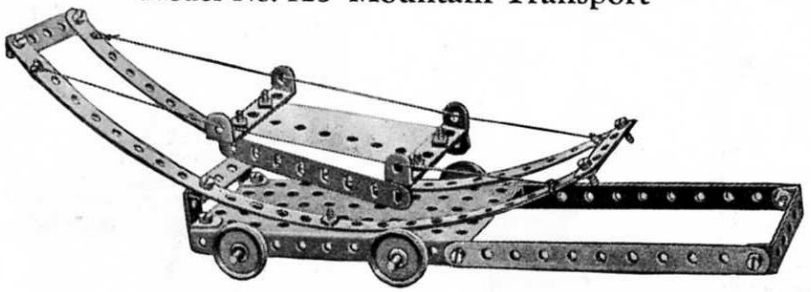
Model No. 124 Tip Wagon



Parts required:

1	of No.	2
4	„ „	5
5	„ „	12
3	„ „	16
4	„ „	22
2	„ „	35
14	„ „	37
2	„ „	48A
1	„ „	52
2	„ „	54

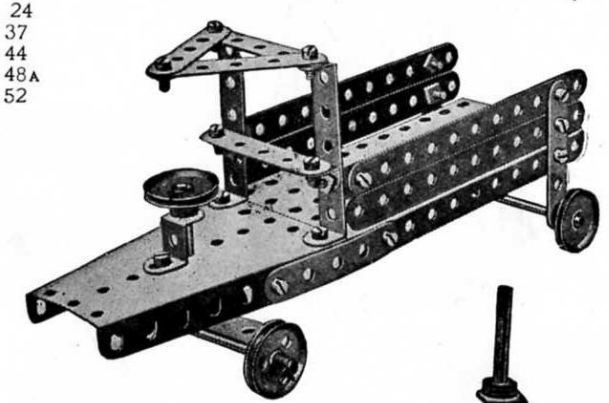
Model No. 125 Mountain Transport



Parts required:

2	of No.	1	3	of No.	5	2	of No.	16	18	of No.	37	1	of No.	52
2	„ „	2	4	„ „	12	4	„ „	22	2	„ „	48A	1	„ „	54

Model No. 126 Motor Lurry



Parts required:

4	of No.	2	3	of No.	22	3	of No.	38
8	„ „	5	2	„ „	22A	3	„ „	48A
4	„ „	12	1	„ „	24	1	„ „	52
2	„ „	16	2	„ „	35	1	„ „	54
1	„ „	17	25	„ „	37	2	„ „	125

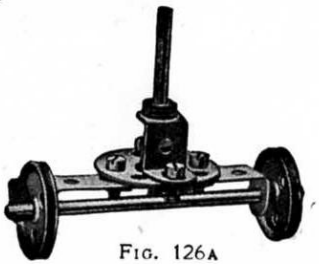


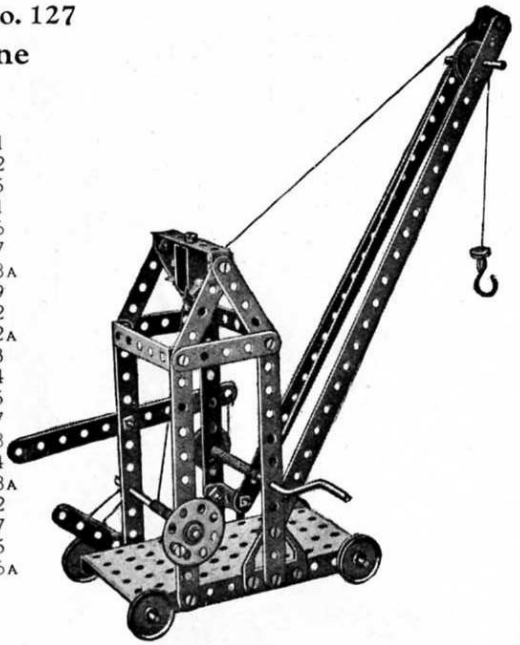
FIG. 126A

meccanoindex.co.uk

Model No. 127
Jib Crane

Parts required:

2	of No.		1
5	„	„	2
7	„	„	5
1	„	„	11
3	„	„	16
1	„	„	17
1	„	„	18A
1	„	„	19
4	„	„	22
2	„	„	22A
1	„	„	23
1	„	„	24
6	„	„	35
22	„	„	37
2	„	„	38
1	„	„	44
3	„	„	48A
1	„	„	52
1	„	„	57
2	„	„	125
2	„	„	126A

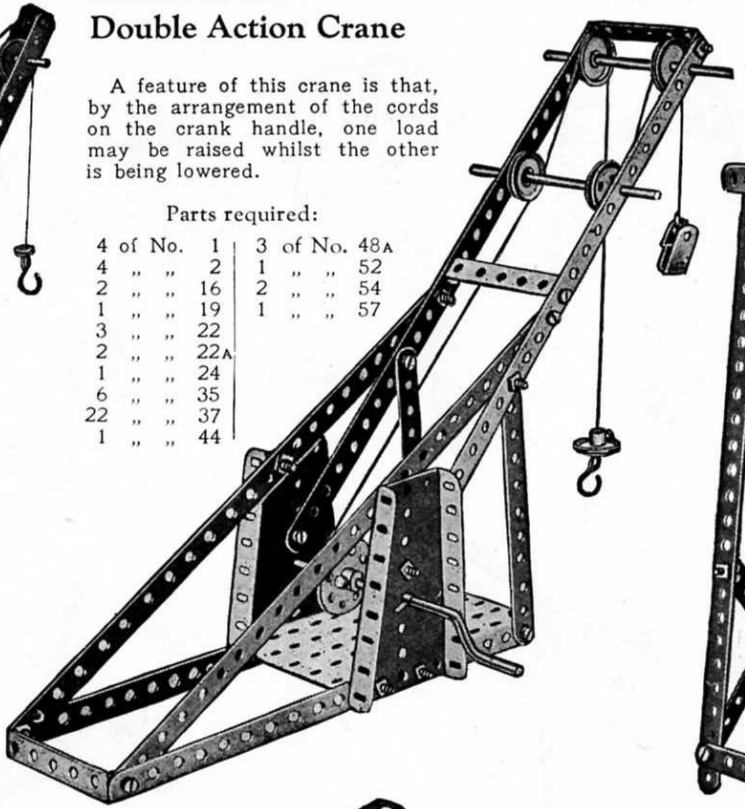


Model No. 128
Double Action Crane

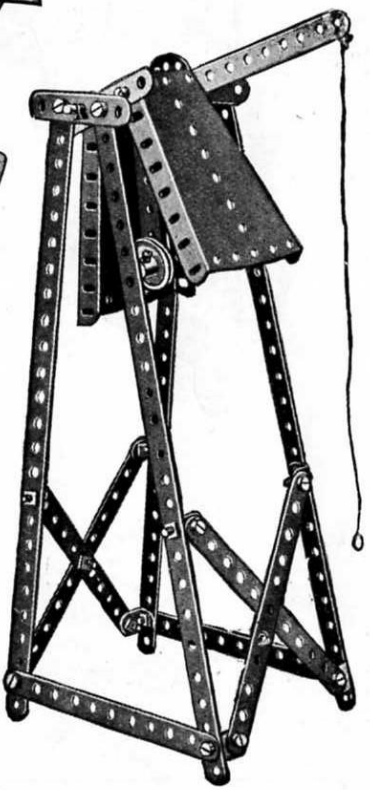
A feature of this crane is that, by the arrangement of the cords on the crank handle, one load may be raised whilst the other is being lowered.

Parts required:

4	of No.		1	3	of No.		48A
4	„	„	2	1	„	„	52
2	„	„	16	2	„	„	54
1	„	„	19	1	„	„	57
3	„	„	22				
2	„	„	22A				
1	„	„	24				
6	„	„	35				
22	„	„	37				
1	„	„	44				



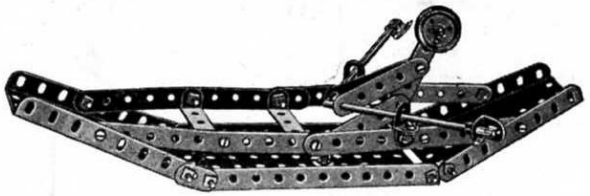
Model No. 129
Fire Alarm



Parts required:

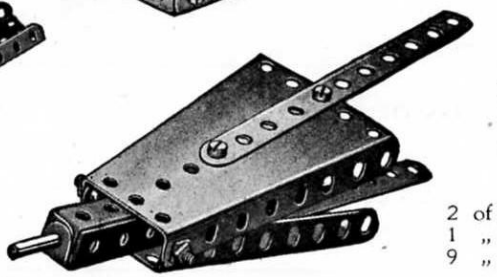
4	of No.		1	1	of No.		22
7	„	„	2	1	„	„	24
1	„	„	3	4	„	„	35
3	„	„	5	27	„	„	37
8	„	„	12	2	„	„	54
1	„	„	16				

Model No. 130 Rowing Boat



Parts required:

4	of No.		2	2	of No.		16	4	of No.		38
5	„	„	5	1	„	„	18A	3	„	„	48A
4	„	„	10	2	„	„	22A	1	„	„	52
7	„	„	12	4	„	„	35	2	„	„	54
				24	„	„	37				



Model No. 131
Bellows

Parts required:

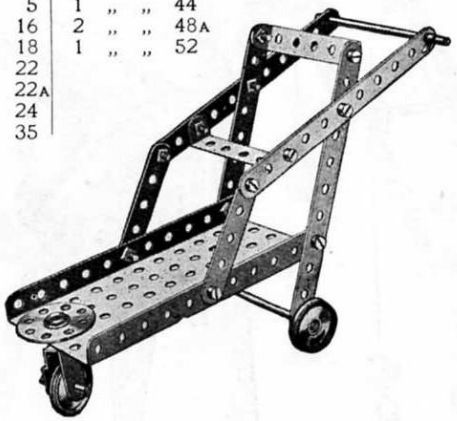
2	of No.		2	4	of No.		48A
1	„	„	17	2	„	„	54
9	„	„	37				

meccanoindex.co.uk

Model No. 132 Invalid Chair

Parts required:

4	of No.	2	13	of No.	37
2	„ „	5	1	„ „	44
2	„ „	16	2	„ „	48A
1	„ „	18	1	„ „	52
2	„ „	22			
1	„ „	22A			
1	„ „	24			
4	„ „	35			



Model No. 133 Foot Cycle

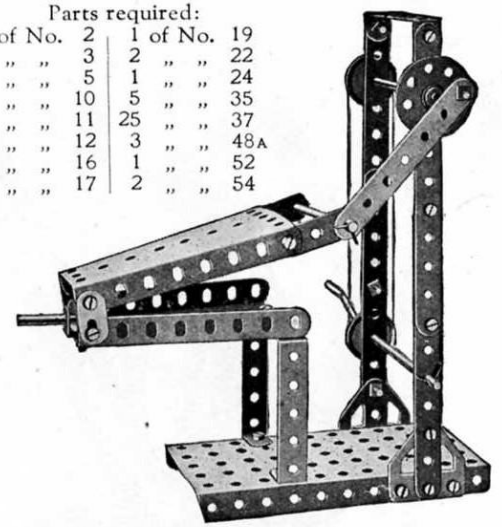
Parts required:

5	of No.	2	1	of No.	24
1	„ „	10	14	„ „	37
1	„ „	11	2	„ „	38
3	„ „	12	1	„ „	44
1	„ „	17	1	„ „	48A
1	„ „	18	2	„ „	126A
1	„ „	22			

Model No. 134 Forge Bellows

Parts required:

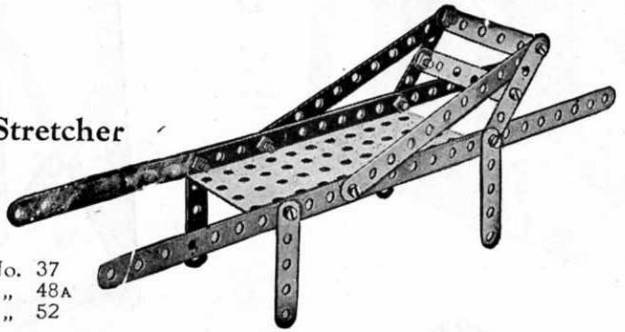
4	of No.	2	1	of No.	19
1	„ „	3	2	„ „	22
2	„ „	5	1	„ „	24
2	„ „	10	5	„ „	35
1	„ „	11	25	„ „	37
2	„ „	12	3	„ „	48A
2	„ „	16	1	„ „	52
1	„ „	17	2	„ „	54



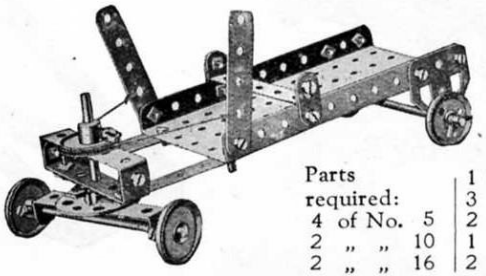
Model No. 135 Stretcher

Parts required:

2	of No.	1	10	of No.	37
2	„ „	2	2	„ „	48A
6	„ „	5	1	„ „	52



Model No. 136 Steering Truck



Parts required:

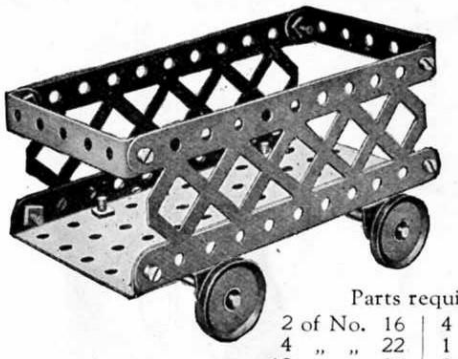
4	of No.	5	1	of No.	17	18	of No.	37
2	„ „	10	3	„ „	22	2	„ „	38
2	„ „	16	2	„ „	22A	4	„ „	48A
			1	„ „	24	1	„ „	52
			2	„ „	35	2	„ „	126A

HOW TO CONTINUE

This completes the Models which may be made with MECCANO Outfit No. 1. 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. 1A Accessory Outfit, the price of which will be found in the List at the end of the Manual.

meccanoindex.co.uk

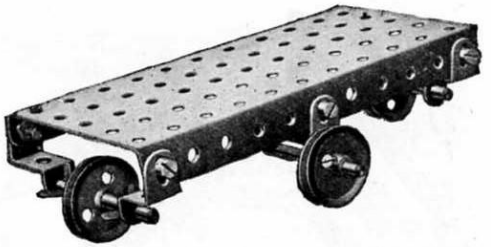
Model No. 201 Truck



Parts required:

2 of No.	16	4 of No.	48A
4 „ „	22	1 „ „	52
12 „ „	37	2 „ „	100

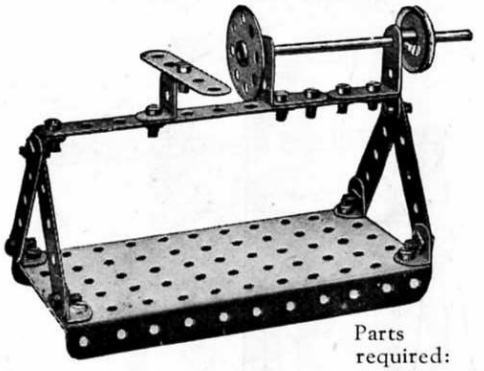
Model No. 202 Revolving Truck



Parts required:

2 of No.	10	2 of No.	22	6 of No.	37
1 „ „	16	2 „ „	22A	1 „ „	52
2 „ „	17	4 „ „	35	4 „ „	125

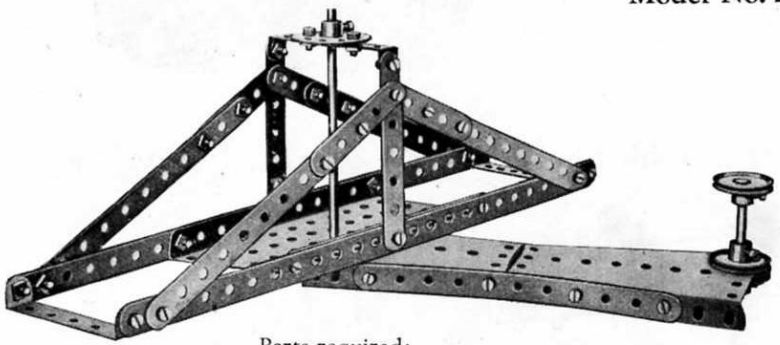
Model No. 203 Lathe



Parts required:

1	of No.	2	
5	„ „	5	
6	„ „	12	
2	„ „	12A	
1	„ „	16	
1	„ „	22	
1	„ „	24	
17	„ „	37	
1	„ „	52	
1	„ „	125	

Model No. 204 Turntable Gangway



Parts required:

2	of No. 1	4	of No. 22
6	„ „ 2	1	„ „ 24
2	„ „ 3	34	„ „ 37
4	„ „ 5	3	„ „ 48A
1	„ „ 15A	1	„ „ 52
1	„ „ 17	2	„ „ 54

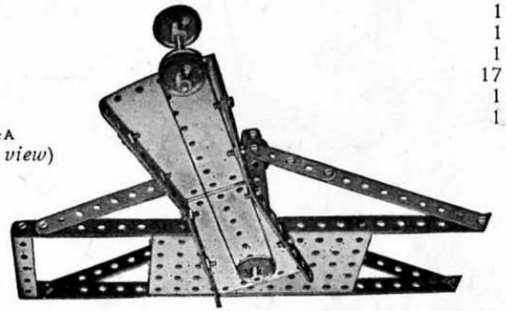
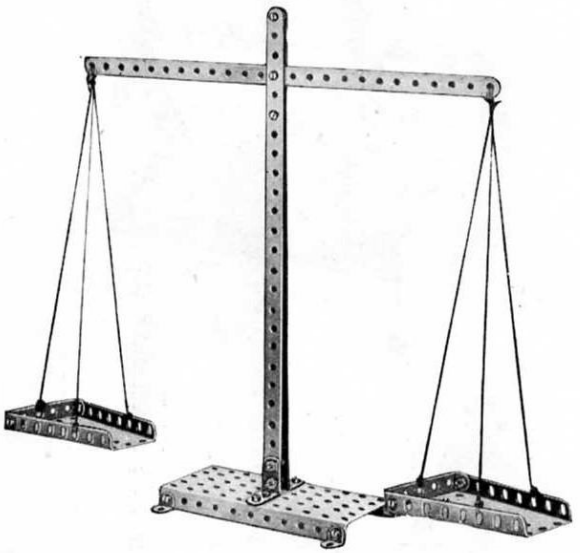


FIG. 204A
(*underneath view*)

The side frames of the gangway are made of 12½" strips bolted by means of 2½" bent strips to parallel strips below. The side frames are connected by a perforated flanged plate, to the underside of which is bolted a bush wheel fitted with a rod on which is mounted a 1" pulley (See Fig. 204A). The rod passes through one of the end holes of the sector plate which is connected by diagonal strips to another sector plate. Through the end hole of the latter a rod is threaded carrying two 1" pulleys from one of which an operating cord passes through the pulley mounted on the under side of the flanged plate. In this way the Gangway may be rotated by an operating spindle.

meccanoindex.co.uk

Model No. 205 Scales

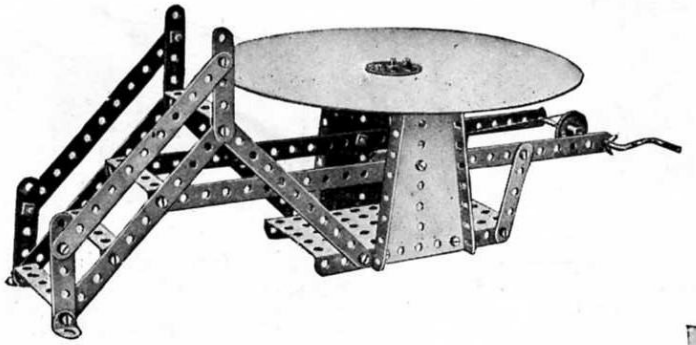


Parts required:

3	of No.	1	4	of No.	38
4	„ „	12	2	„ „	48A
2	„ „	12A	1	„ „	52
19	„ „	37	2	„ „	54

The slot is formed by inserting 2 washers on the bolts above and below the beam. These washers hold the strips composing the standard at the required distance apart to give the beam free play.

Model No. 206 Joy Wheel



The driving mechanism and construction of the framework of this model are clearly brought out in Fig. 206A. Cut out a circular piece of cardboard, 8″ in diameter, and in the centre of the disc fix a bush wheel by nuts and bolts. The eye of the bush wheel is then threaded over the top of a vertical spindle, and secured by its set-screw.

Parts required:

2	of No.	1	1	of No.	22A
6	„ „	2	1	„ „	24
6	„ „	5	2	„ „	35
2	„ „	12	28	„ „	37
1	„ „	15A	5	„ „	48A
1	„ „	19	1	„ „	52
3	„ „	22	2	„ „	54

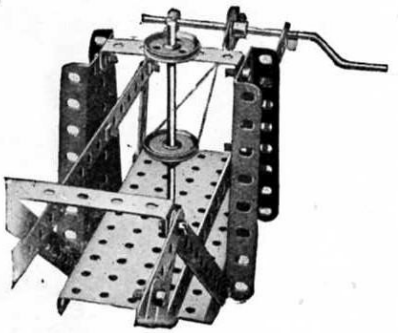
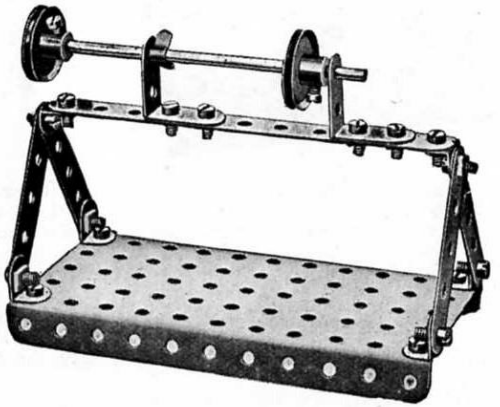


FIG. 206A

Model No. 207 Polishing Spindle

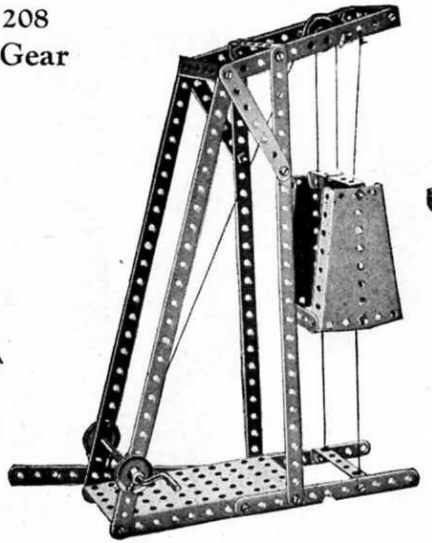


Parts required:

1	of No.	2	1	of No.	15A
4	„ „	5	2	„ „	22
6	„ „	12	1	„ „	35
2	„ „	12A	16	„ „	37
			1	of No.	52

meccanoindex.co.uk

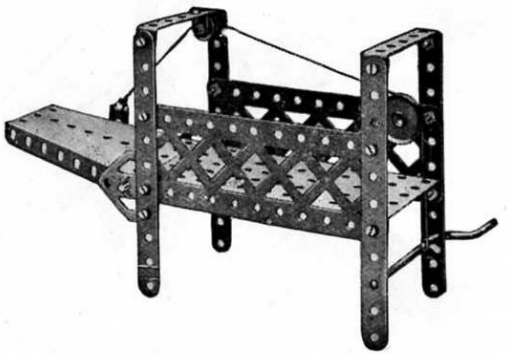
Model No. 208
Pit Head Gear



Parts required:

4	of No.	1
5	„ „	2
2	„ „	3
2	„ „	5
2	„ „	12
1	„ „	16
1	„ „	19
3	„ „	22
2	„ „	35
25	„ „	37
5	„ „	48A
1	„ „	52
2	„ „	54

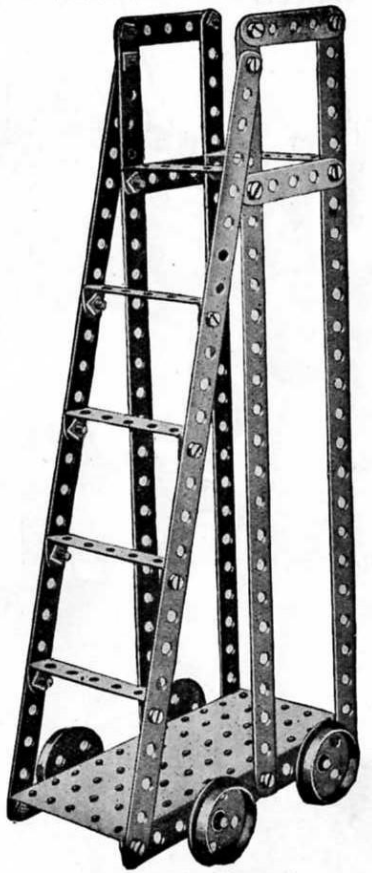
Model No. 209
Gangway



Parts required:

4	of No.	2	1	of No.	22	1	of No.	52
1	„ „	10	1	„ „	23	1	„ „	54
1	„ „	12	4	„ „	35	2	„ „	100
1	„ „	16	17	„ „	37	2	„ „	126A
1	„ „	19	2	„ „	48A			

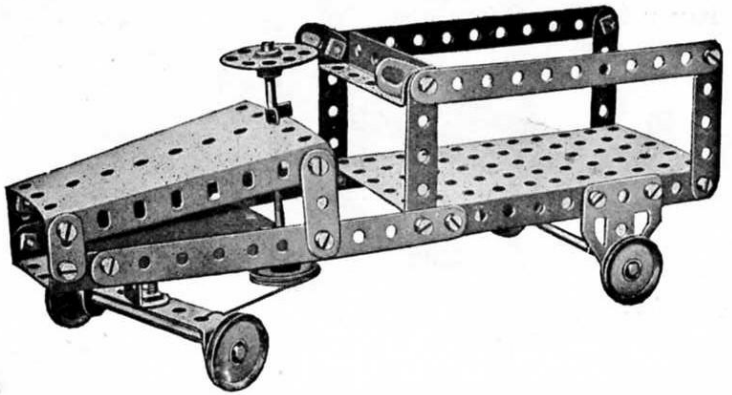
Model No. 210
Ladder on Wheels



Parts required:

6	of No.	1	24	of No.	37
4	„ „	5	6	„ „	48A
2	„ „	16	1	„ „	52
4	„ „	20			

Model No. 211 Motor Cart



Parts required:

4	of No.	2
4	„ „	5
2	„ „	6A
4	„ „	10
1	„ „	11
3	„ „	16
3	„ „	22
2	„ „	22A
1	„ „	24
3	„ „	35
26	„ „	37
3	„ „	48A
1	„ „	52
2	„ „	54
2	„ „	126A

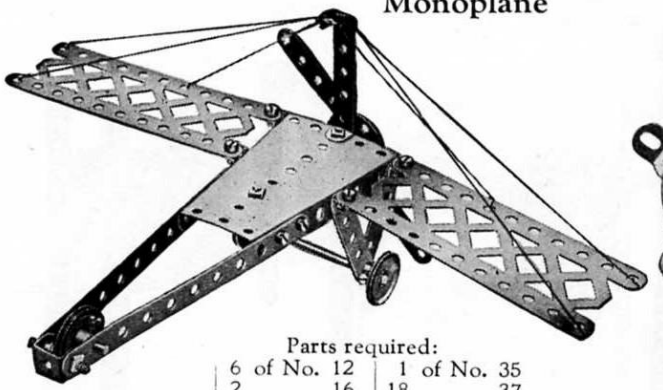
meccanoindex.co.uk

Model No. 212
Cot on Wheels

Parts required:

2	of No.	2
7	„ „	5
3	„ „	12
4	„ „	22
18	„ „	37
2	„ „	48A
2	„ „	100

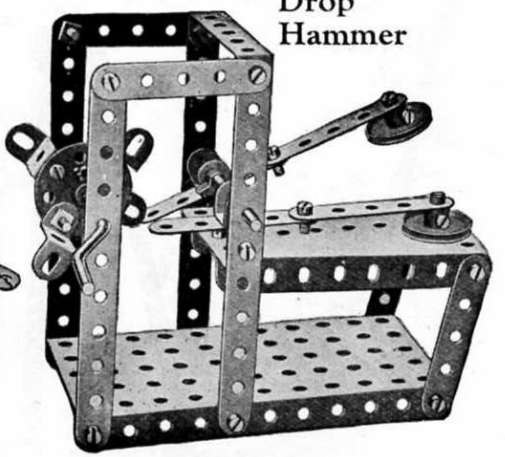
Model No. 213
Monoplane



Parts required:

2	of No.	2	6	of No.	12	1	of No.	35
6	„ „	5	2	„ „	16	18	„ „	37
1	„ „	11	1	„ „	18A	1	„ „	48A
			3	„ „	22	1	„ „	54
			1	„ „	24	2	„ „	100

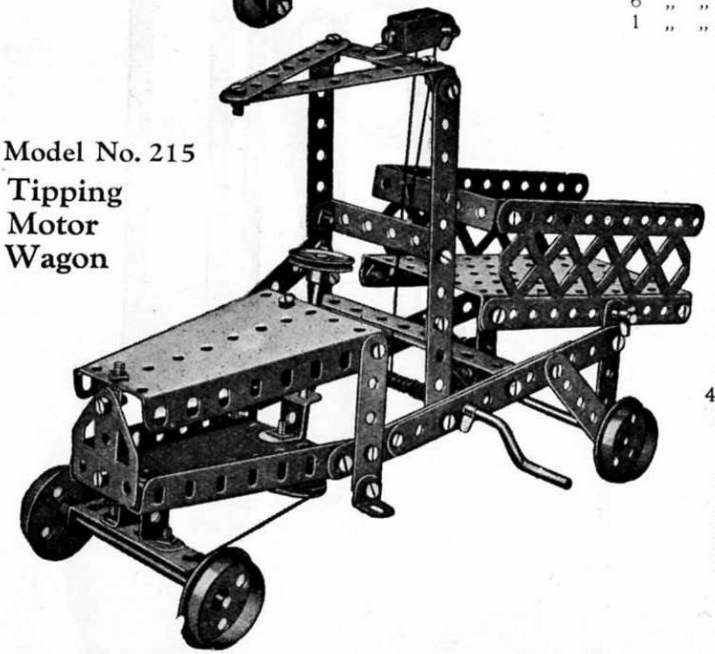
Model No. 214 Double Drop Hammer



Parts required:

4	of No.	2	1	of No.	16	25	of No.	37
8	„ „	5	1	„ „	19	2	„ „	48A
2	„ „	11	2	„ „	22	1	„ „	52
			1	„ „	24	1	„ „	54
			6	„ „	35	4	„ „	125

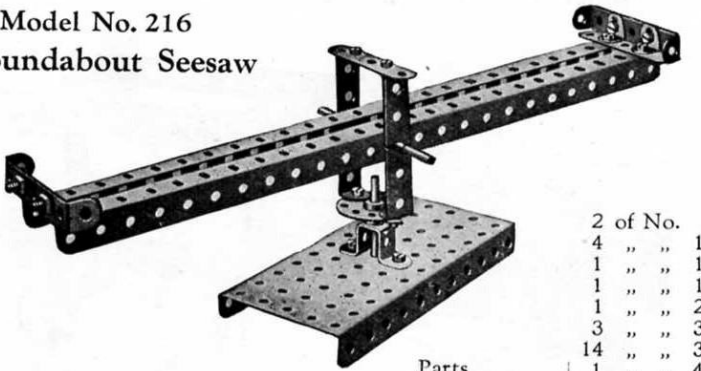
Model No. 215
Tipping Motor Wagon



Parts required:

6	of No.	2
2	„ „	3
7	„ „	5
1	„ „	10
4	„ „	12
4	„ „	16
1	„ „	18A
1	„ „	19
4	„ „	20
2	„ „	22
1	„ „	23
7	„ „	35
43	„ „	37
2	„ „	38
1	„ „	44
1	„ „	45
6	„ „	48A
1	„ „	52
2	„ „	54
2	„ „	100
2	„ „	125
1	„ „	126A

Model No. 216
Roundabout Seesaw



Parts required:

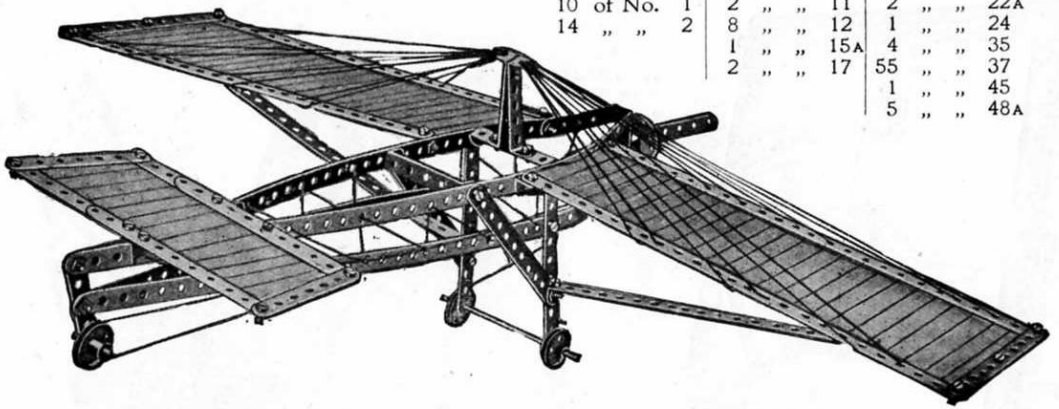
3	of No.	5
2	of No.	8
4	„ „	12
1	„ „	16
1	„ „	17
1	„ „	24
3	„ „	35
14	„ „	37
1	„ „	45
4	„ „	48A
1	„ „	52

meccanoindex.co.uk

Model No. 217 Monoplane

Parts required:

10	of No.	1	2	of No.	3
14	„ „	2	8	„ „	5
			2	„ „	11
			8	„ „	12
			1	„ „	15A
			2	„ „	17
			1	of No.	18A
			4	„ „	22
			2	„ „	22A
			1	„ „	24
			4	„ „	35
			55	„ „	37
			1	„ „	45
			5	„ „	48A



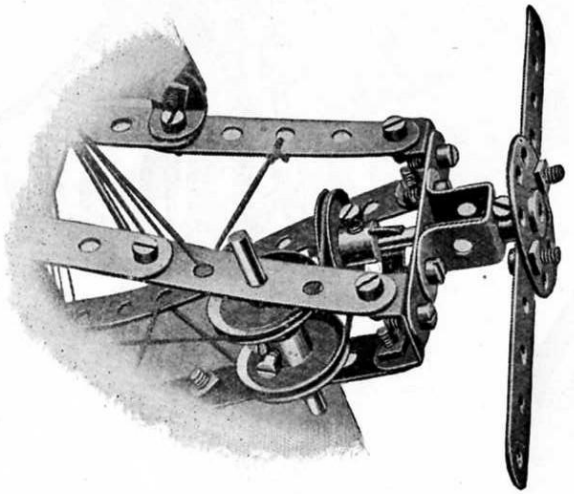
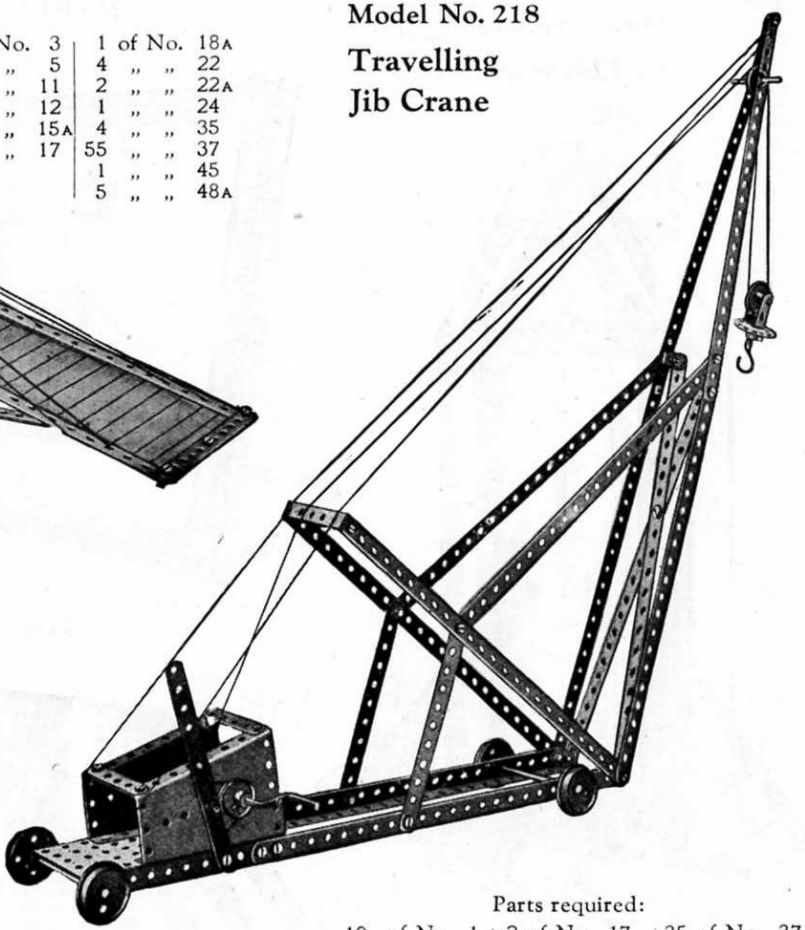


FIG. 217A

Model No. 218
Travelling Jib Crane

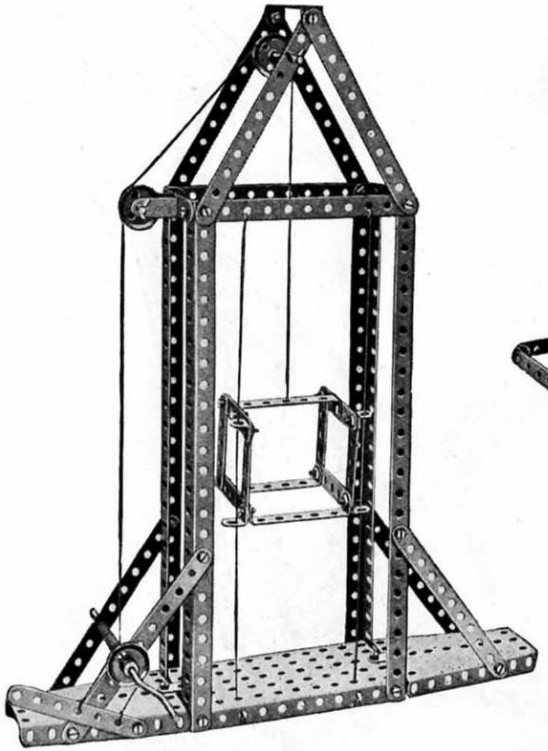


Parts required:

10	of No.	1	2	of No.	17	35	of No.	37
3	„ „	2	1	„ „	19	1	„ „	44
3	„ „	5	4	„ „	20	1	„ „	48A
2	„ „	8	2	„ „	22	1	„ „	52
4	„ „	12	1	„ „	22A	2	„ „	54
2	„ „	16	1	„ „	24	1	„ „	57
			5	„ „	35			

meccanoindex.co.uk

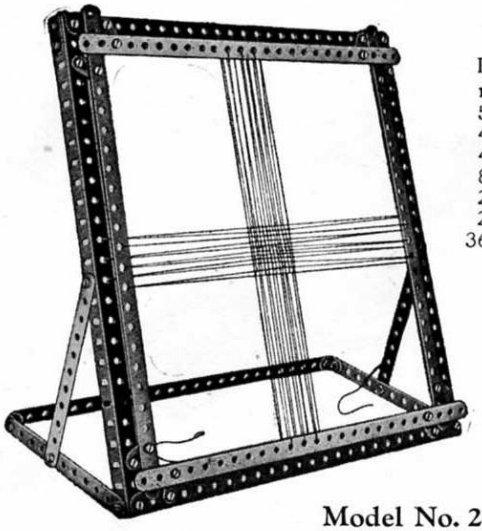
Model No. 219
Elevator



Parts required:

10	of No.	2	1	of No.	16	38	of No.	37
1	„ „	3	1	„ „	18A	1	„ „	44
10	„ „	5	1	„ „	19	4	„ „	48A
4	„ „	8	1	„ „	22	1	„ „	52
2	„ „	10	2	„ „	22A	2	„ „	54
4	„ „	12	5	„ „	35			

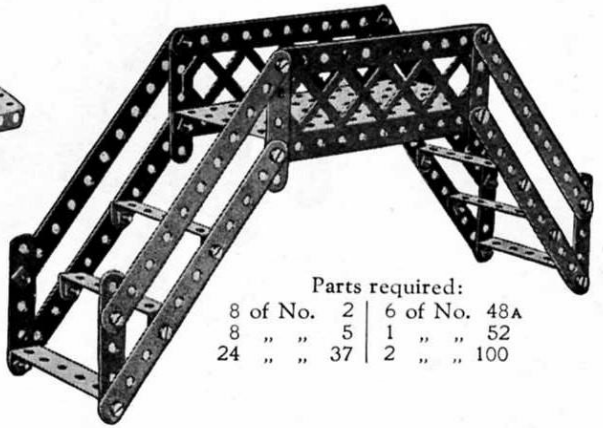
Model No. 220 Mat Frame



Parts required:

5	of No.		1
4	„	„	2
4	„	„	8
8	„	„	10
2	„	„	12
2	„	„	12A
36	„	„	37

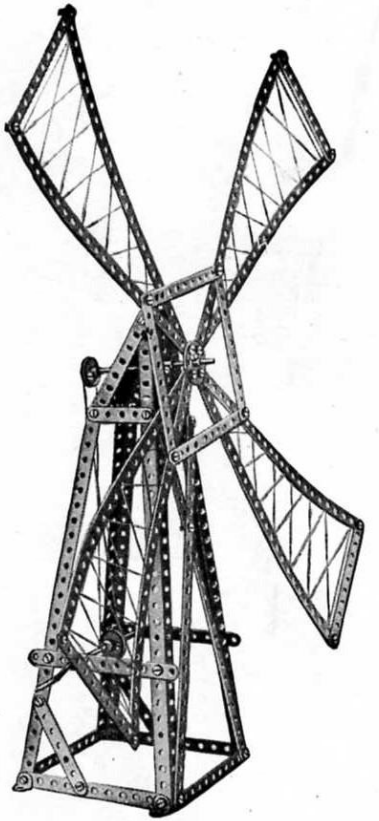
Model No. 222
High-Level Bridge



Parts required:

8	of No.	2	6	of No.	48A
8	„ „	5	1	„ „	52
24	„ „	37	2	„ „	100

Model No. 221
Windmill

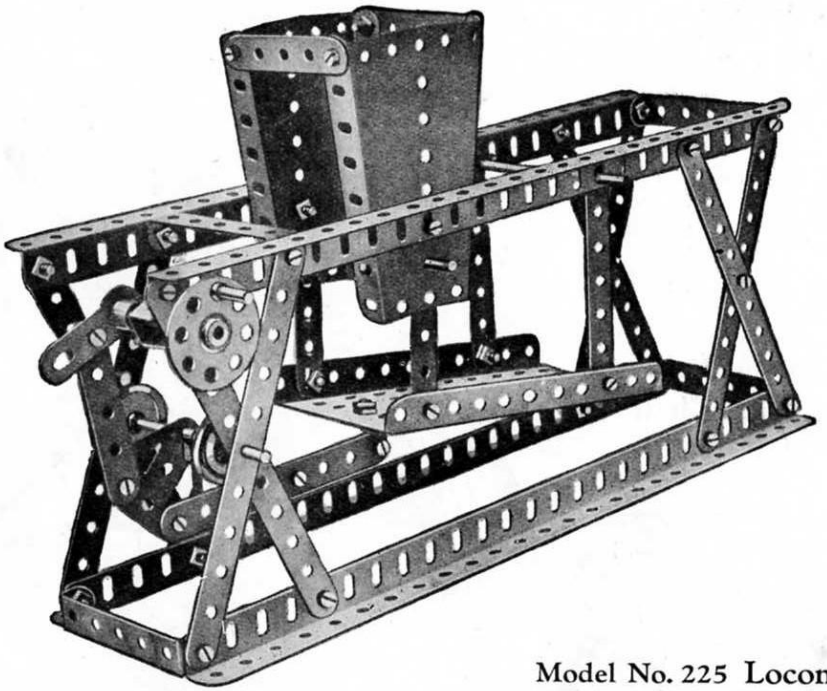


Parts required:

			4	of No.	8			
10	of No.	1	4	„ „	12	1	of No.	24
14	„ „	2	1	„ „	15	4	„ „	35
2	„ „	3	1	„ „	19	45	„ „	37
2	„ „	5	2	„ „	22	2	„ „	54

meccanoindex.co.uk

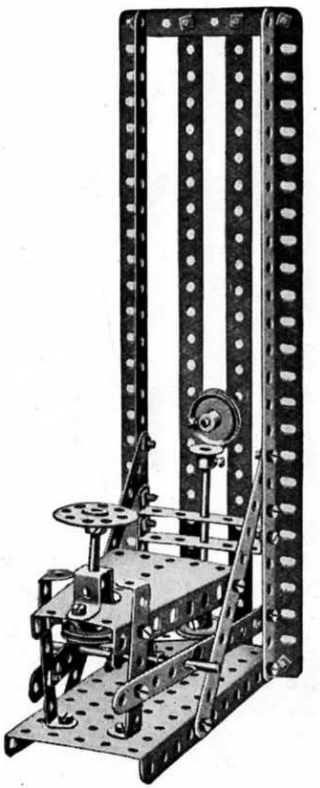
Model No. 223 Coal Sifter



Parts required:

8	of No.	2
2	„ „	3
7	„ „	5
4	„ „	8
1	„ „	12
3	„ „	16
1	„ „	17
2	„ „	22
1	„ „	24
6	„ „	35
38	„ „	37
1	„ „	45
4	„ „	48A
1	„ „	52
2	„ „	54
1	„ „	62
1	„ „	115
1	„ „	126A

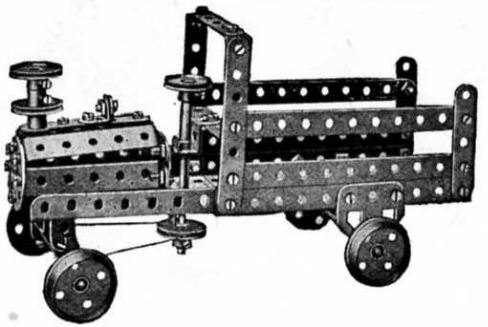
Model No. 224 Try-your-strength Machine



Parts required:

2	of No.	1	1	of No.	17	12	of No.	38
5	„ „	2	1	„ „	18A	1	„ „	45
2	„ „	3	4	„ „	22	4	„ „	48A
2	„ „	8	1	„ „	24	1	„ „	52
1	„ „	11	4	„ „	35	1	„ „	54
2	„ „	16	30	„ „	37	1	„ „	126A

Model No. 225 Locomotive

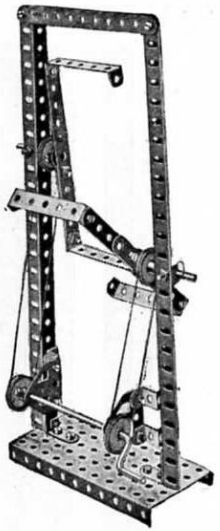


Parts required:

4	of No.	2	1	of No.	24
2	„ „	3	2	„ „	35
6	„ „	5	47	„ „	37
3	„ „	10	1	„ „	45
7	„ „	12	6	„ „	48A
3	„ „	16	1	„ „	52
1	„ „	17	1	„ „	54
4	„ „	20	1	„ „	62
4	„ „	22	2	„ „	125
1	„ „	23	2	„ „	126A

meccanoindex.co.uk

Model No. 226 Candy Puller



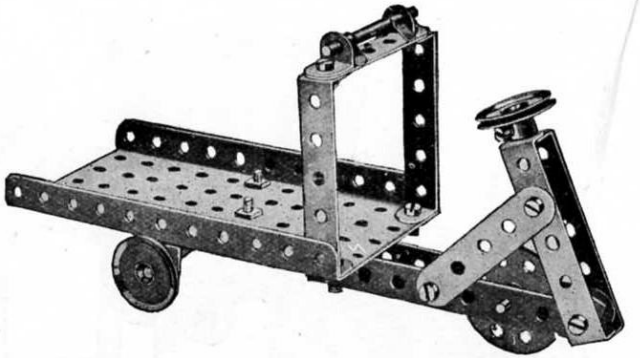
Parts required:

3	of No.	2
2	„ „	8
2	„ „	12
2	„ „	12A
2	„ „	17
1	„ „	19
4	„ „	22
2	„ „	35
26	„ „	37
10	„ „	38
4	„ „	48A
1	„ „	52
2	„ „	62
4	„ „	125
2	„ „	126A

Model No. 227 Carrier Tricycle

Parts required:

2	of No.	2
3	„ „	5
1	„ „	11
2	„ „	12
1	„ „	16
1	„ „	17
1	„ „	18A
3	„ „	22
1	„ „	24
2	„ „	35
15	„ „	37
5	„ „	48A
1	„ „	52



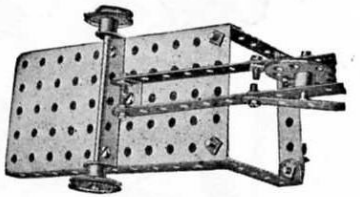
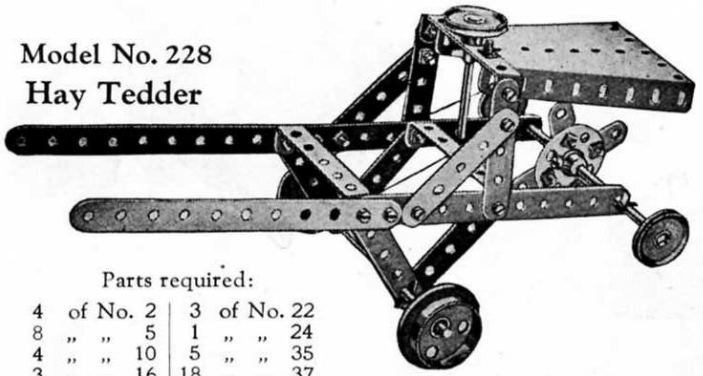


FIG. 227A
(underneath view)

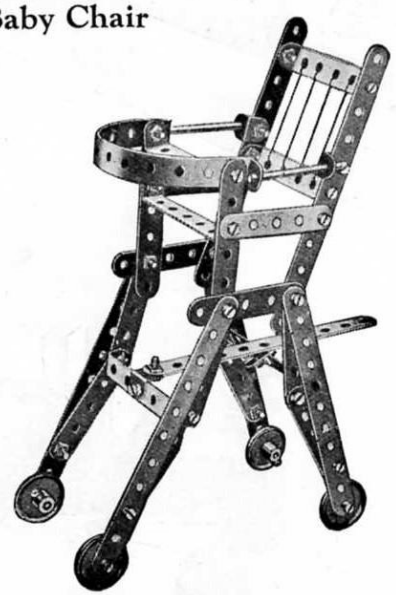
Model No. 228 Hay Tedder



Parts required:

4	of No.	2	3	of No.	22
8	„ „	5	1	„ „	24
4	„ „	10	5	„ „	35
3	„ „	16	18	„ „	37
1	„ „	17	3	„ „	48A
2	„ „	20	1	„ „	54

Model No. 229 Baby Chair

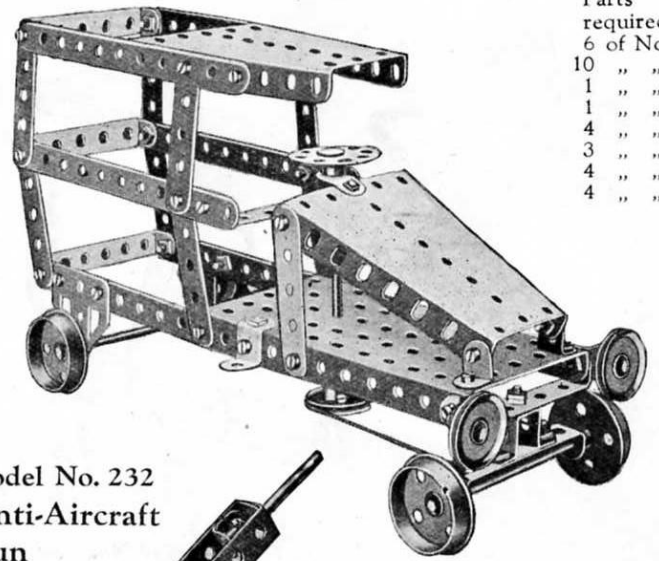


Parts required:

8	of No.	2
2	„ „	3
12	„ „	5
6	„ „	12
2	„ „	17
4	„ „	22
31	„ „	37
6	„ „	48A

meccanoindex.co.uk

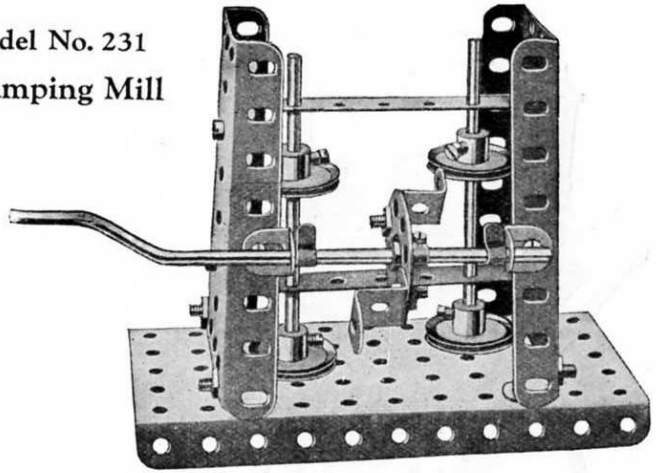
Model No. 230 Motor Van



Parts required:

6	of No.	2
10	„ „	5
1	„ „	10
1	„ „	11
4	„ „	12
3	„ „	16
4	„ „	20
4	„ „	22
1	of No.	24
38	„ „	37
1	„ „	44
6	„ „	48A
1	„ „	52
2	„ „	54
2	„ „	125
2	„ „	126A

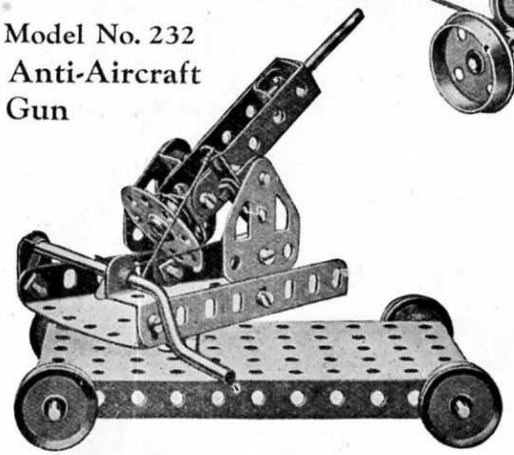
Model No. 231 Stamping Mill



Parts required:

2	of No.	3	4	of No.	22	1	of No.	52
10	„ „	12	1	„ „	24	2	„ „	54
2	„ „	16	2	„ „	35	2	„ „	125
1	„ „	19	16	„ „	37			

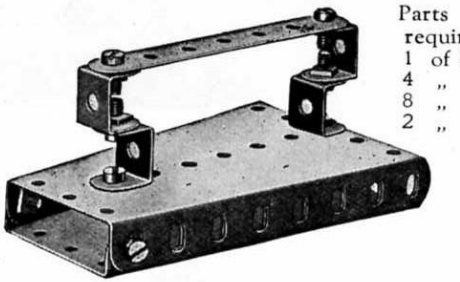
Model No. 232 Anti-Aircraft Gun



Parts required:

5	of No.	10	4	of No.	22	1	of No.	52
2	„ „	11	1	„ „	24	1	„ „	54
2	„ „	16	4	„ „	35	4	„ „	125
2	„ „	17	12	„ „	37	2	„ „	126A
1	„ „	19	2	„ „	48A			

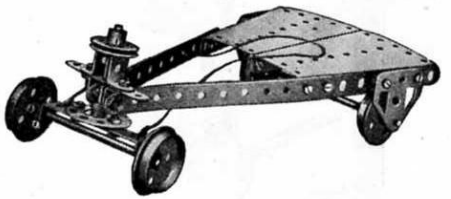
Model No. 233 Smoothing Iron



Parts required:

1	of No.	3
4	„ „	11
8	„ „	37
2	„ „	54

Model No. 234 Coaster



Parts required:

2	of No.	2	1	of No.	17	6	of No.	38
1	„ „	5	4	„ „	20	1	„ „	45
2	„ „	12	1	„ „	22	1	„ „	48A
1	„ „	15	1	„ „	24	2	„ „	54
1	„ „	16	16	„ „	37	2	„ „	126A

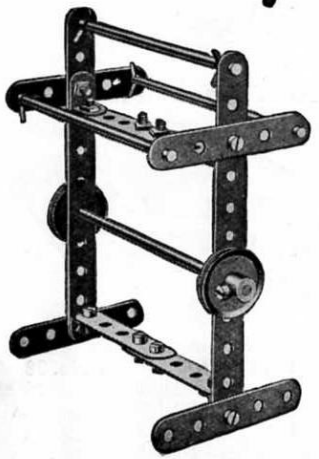
meccanoindex.co.uk

Model No. 235 Needlework Basket

Parts required:

6	of No.	1
6	„ „	2
2	„ „	3
6	„ „	5
12	„ „	12
46	„ „	37
3	„ „	48A
1	„ „	52

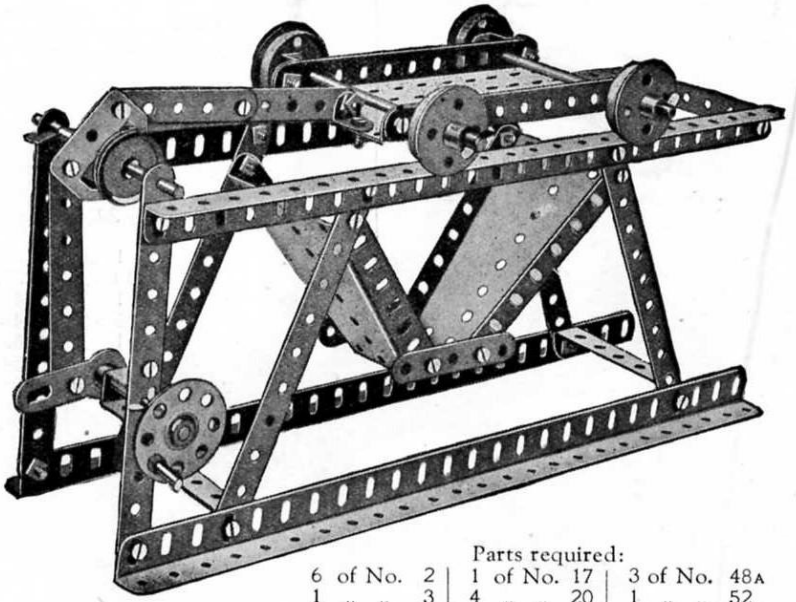
Model No. 237 Towel Rail



Parts required:

2	of No.	2
8	„ „	5
4	„ „	12
1	„ „	15
4	„ „	16
2	„ „	22
6	„ „	35
12	„ „	37

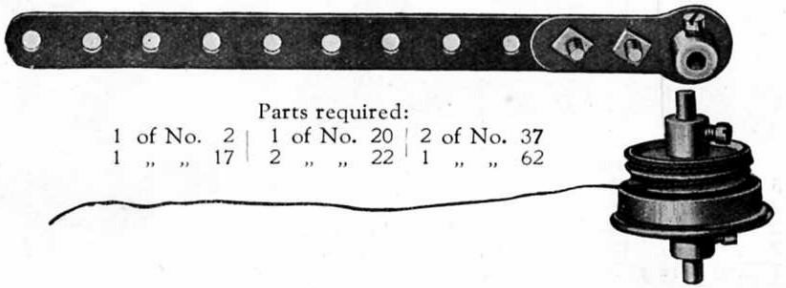
Model No. 236 Sifter



Parts required:

6	of No.	2	1	of No.	17	3	of No.	48A
1	„ „	3	4	„ „	20	1	„ „	52
4	„ „	5	2	„ „	22	2	„ „	54
4	„ „	8	1	„ „	24	1	„ „	62
1	„ „	12	7	„ „	35	1	„ „	115
2	„ „	15	34	„ „	37	4	„ „	125
1	„ „	16	1	„ „	45	1	„ „	126A

Model No. 238 Spinning Top

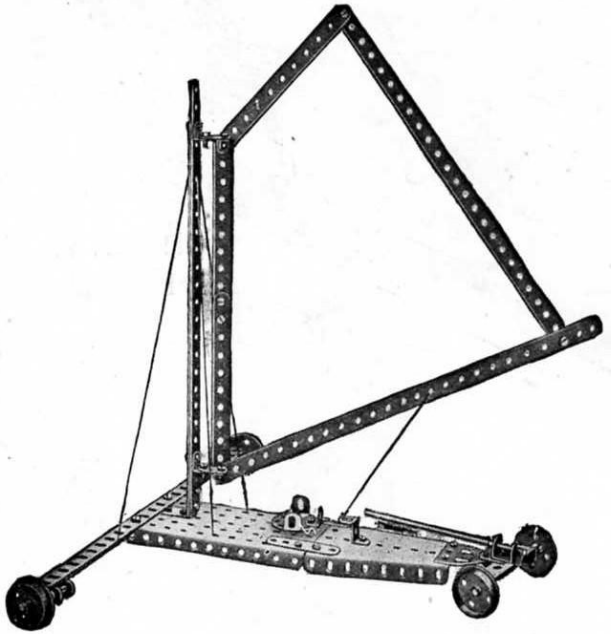


Parts required:

1	of No.	2	1	of No.	20	2	of No.	37
1	„ „	17	2	„ „	22	1	„ „	62

meccanoindex.co.uk

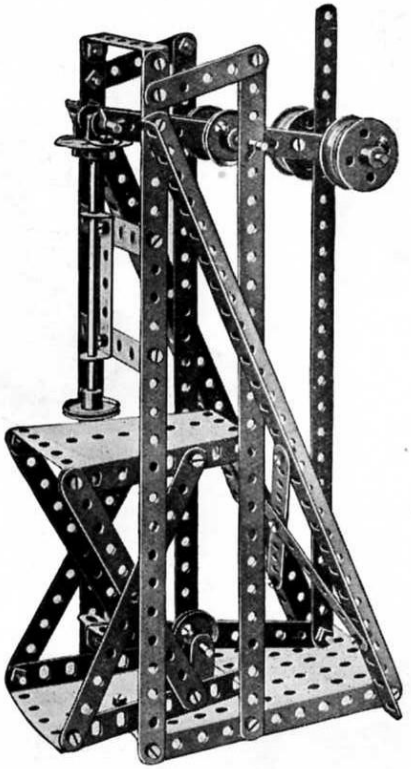
Model No. 239 Seashore Aeroplage



Parts required:

4	of No.	1	1	of No.	12A	33	of No.	37
3	„	„ 2	1	„	„ 15	1	„	„ 38
2	„	„ 5	1	„	„ 16	1	„	„ 48A
1	„	„ 8	2	„	„ 17	1	„	„ 52
3	„	„ 10	4	„	„ 20	1	„	„ 54
3	„	„ 11	1	„	„ 24	1	„	„ 125
7	„	„ 12	6	„	„ 35	1	„	„ 126A

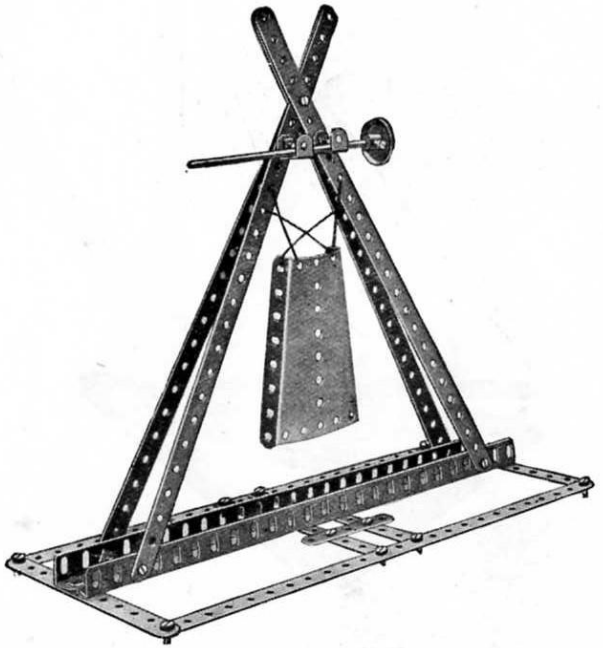
Model No. 240 Embossing Machine



Parts required:

5	of No.	1	2	of No.	16	44	of No.	37
9	„	„ 2	1	„	„ 17	1	„	„ 44
2	„	„ 5	1	„	„ 18A	4	„	„ 48A
2	„	„ 8	4	„	„ 20	1	„	„ 52
2	„	„ 11	4	„	„ 22	2	„	„ 54
4	„	„ 12	1	„	„ 24			
1	„	„ 15	4	„	„ 35			

Model No. 241 Dinner Gong

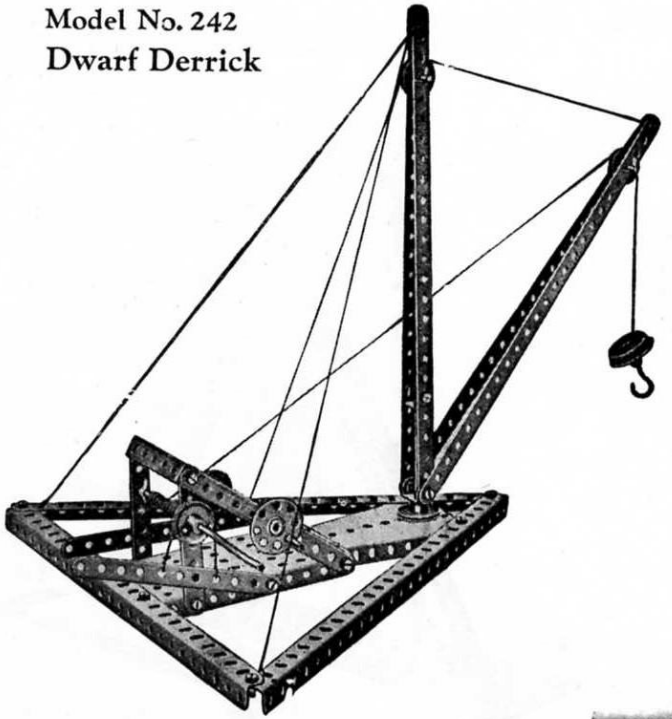


Parts required:

6	of No.	1	1	of No.	15
4	„	„ 2	1	„	„ 22
2	„	„ 5	27	„	„ 37
2	„	„ 8	1	„	„ 54
2	„	„ 11			

meccanoindex.co.uk

Model No. 242
Dwarf Derrick



Parts required:

4	of No.	1	2	of No.	22A
4	„	„ 2	1	„	„ 24
2	„	„ 3	6	„	„ 35
3	„	„ 8	23	„	„ 37
2	„	„ 11	4	„	„ 38
2	„	„ 16	1	„	„ 48A
2	„	„ 18A	1	„	„ 52
1	„	„ 19	1	„	„ 54
1	„	„ 20	1	„	„ 57
4	„	„ 22	1	„	„ 115

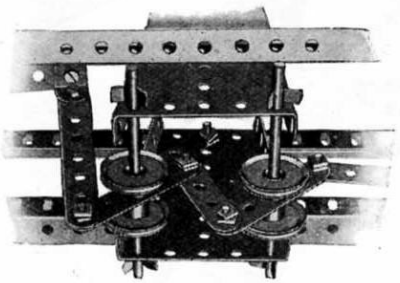
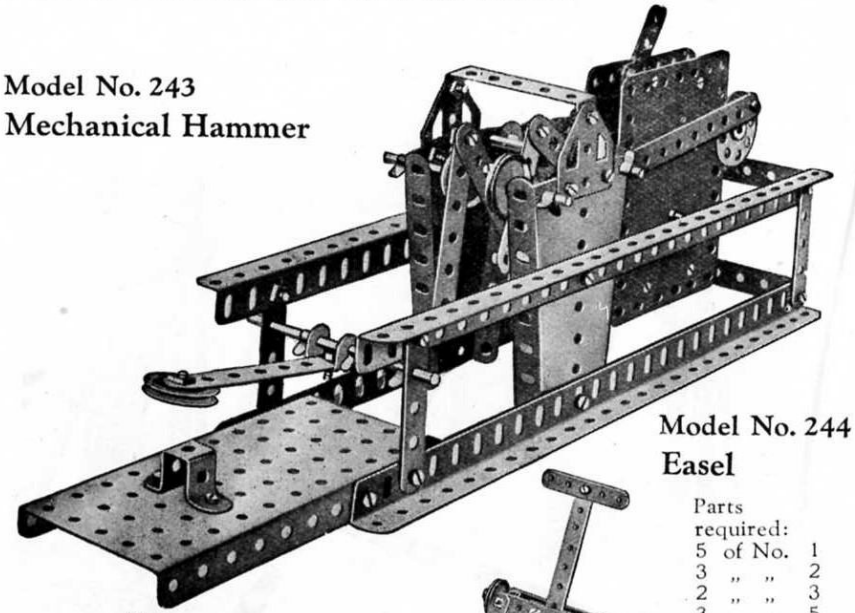


FIG 243A

Model No. 243
Mechanical Hammer

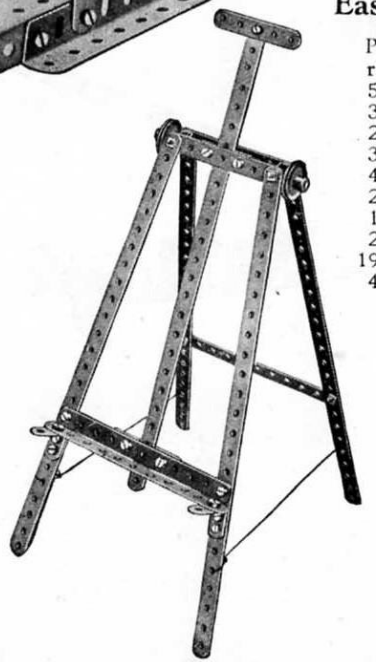


Parts required:

2	of No.	2
1	„	„ 3
6	„	„ 5
4	„	„ 8
1	„	„ 11
1	„	„ 12
3	„	„ 16
4	„	„ 22
1	„	„ 22A
1	„	„ 24
8	„	„ 35
32	„	„ 37
1	„	„ 45
3	„	„ 48A
1	„	„ 52
2	„	„ 54
2	„	„ 126A

Clockwork Motor
(not included in Outfit)

Model No. 244
Easel



Parts required:

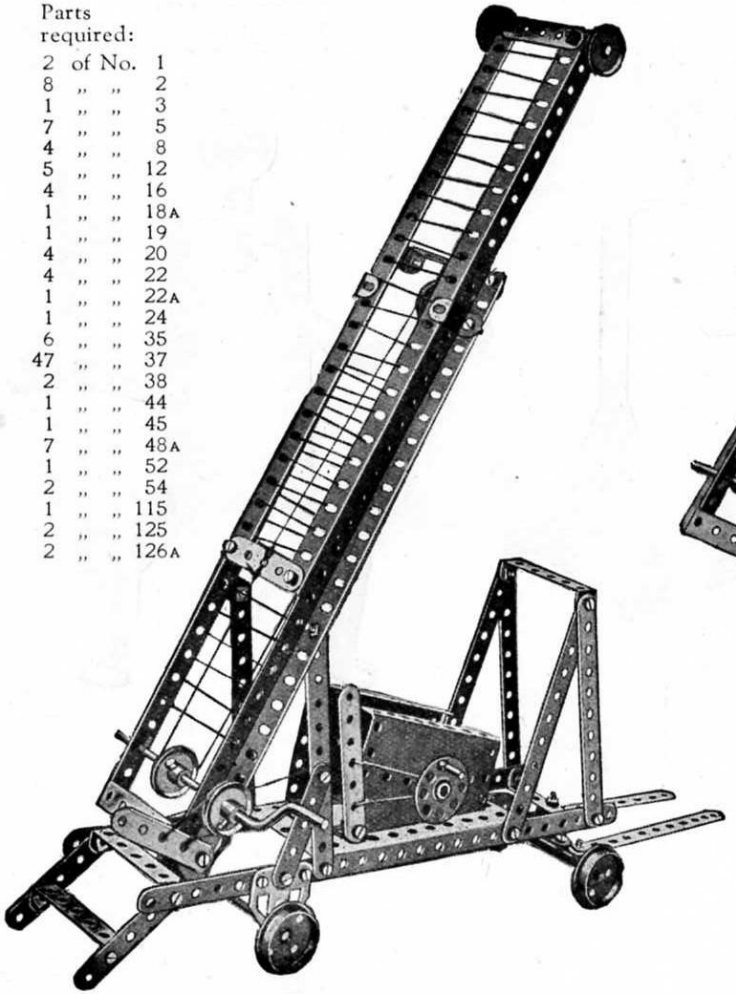
5	of No.	1
3	„	„ 2
2	„	„ 3
3	„	„ 5
4	„	„ 12
2	„	„ 12A
1	„	„ 15A
2	„	„ 22
19	„	„ 37
4	„	„ 38

meccanoindex.co.uk

Model No. 245 Extending Ladder on Running Carriage

Parts required:

2	of No.	1
8	„ „	2
1	„ „	3
7	„ „	5
4	„ „	8
5	„ „	12
4	„ „	16
1	„ „	18A
1	„ „	19
4	„ „	20
4	„ „	22
1	„ „	22A
1	„ „	24
6	„ „	35
47	„ „	37
2	„ „	38
1	„ „	44
1	„ „	45
7	„ „	48A
1	„ „	52
2	„ „	54
1	„ „	115
2	„ „	125
2	„ „	126A



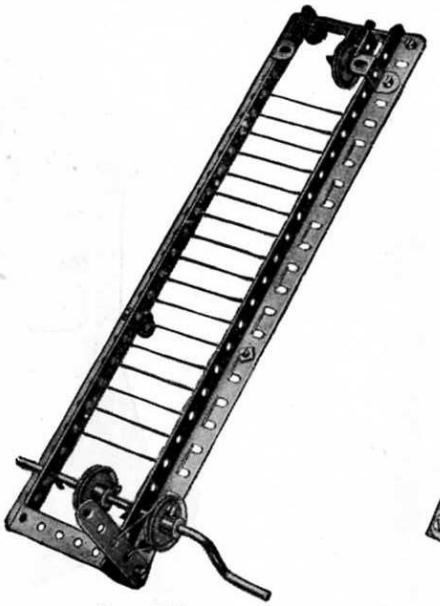


FIG. 245A

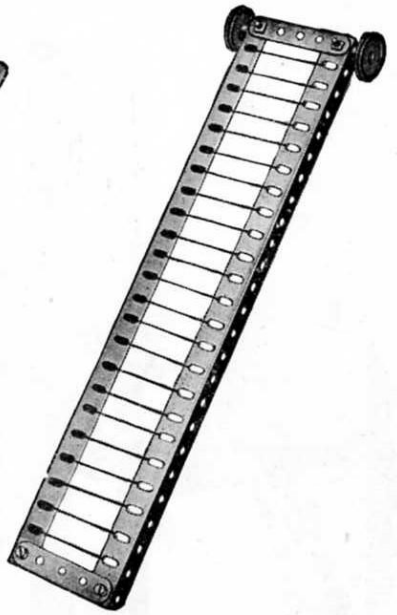


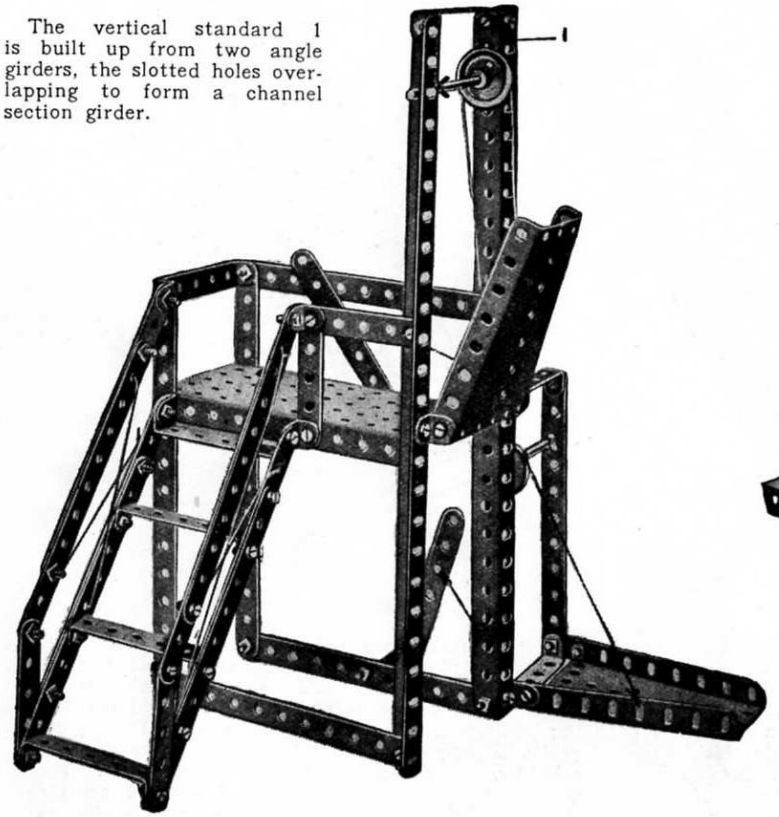
FIG. 245B

The bed of the lower carriage framework is formed by bolting two 12½" strips to the sides of a large flanged plate, and two sector plates bolted to the flanged plate by their flanges to form the sides, and a bearing for the spindle carrying the operating cord attached to the bottom of the ladder to raise it from a horizontal position; and the strips 1 form a support for the ladder when in this horizontal position. Angle brackets 2, Fig. 245A, form pivots for the lower part of the ladder, and are carried from the supports 3. The upper part of the ladder, Fig. 245, is slideably guided and retained on the lower ladder by reversed brackets 4. The extension of the ladder is effected by the cranked spindle round a pulley on which (and another pulley at the top of the framework) the cord is passed, the ends being secured to the lower part of the slideable ladder.

meccanoindex.co.uk

Model No. 246 Ferry Gangway

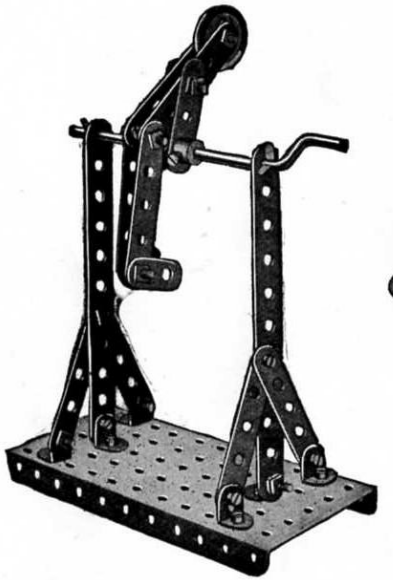
The vertical standard 1 is built up from two angle girders, the slotted holes overlapping to form a channel section girder.



Parts required:

14	of No.	2	6	of No.	12	1	of No.	45
2	„ „	3	2	„ „	16	8	„ „	48A
6	„ „	5	2	„ „	22	1	„ „	52
3	„ „	8	2	„ „	35	2	„ „	54
2	„ „	10	54	„ „	37			

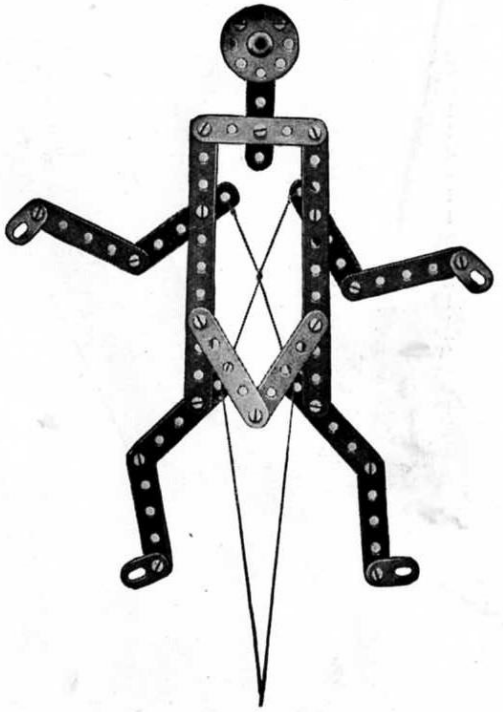
Model No. 247 The Acrobat



Parts required:

2	of No.	2	1	of No.	22A
8	„ „	5	2	„ „	35
2	„ „	10	21	„ „	37
6	„ „	12	1	„ „	52
1	„ „	19	2	„ „	62

Model No. 248 Jumping Jack

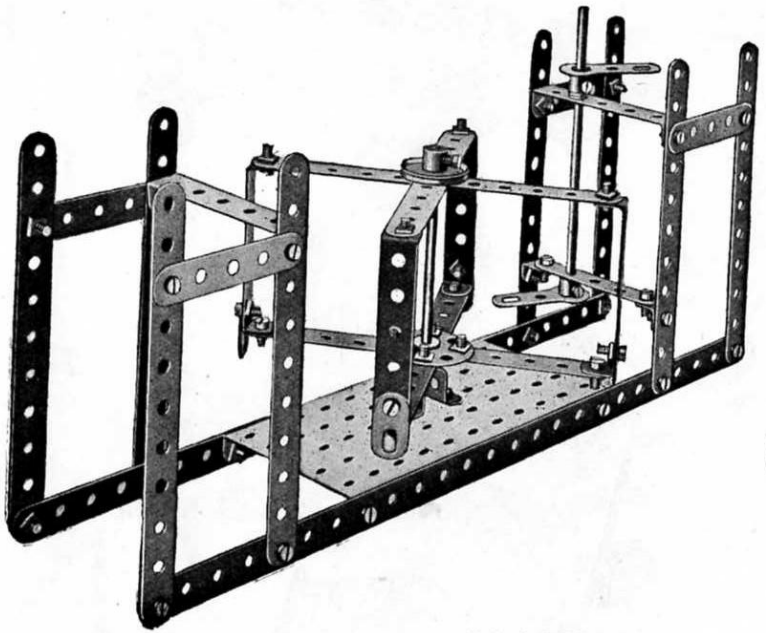


Parts required:

2	of No.	2
12	„ „	5
4	„ „	10
1	„ „	24
18	„ „	37

meccanoindex.co.uk

Model No. 249 Turnstile



Parts required:

2	of No.	1		1	of No.	24
10	„	„	2	42	„	„	37
9	„	„	5	2	„	„	38
4	„	„	10	1	„	„	45
2	„	„	12	6	„	„	48A
1	„	„	15	1	„	„	52
1	„	„	15A	2	„	„	62
2	„	„	22				

Model No. 250 Chair for Wounded

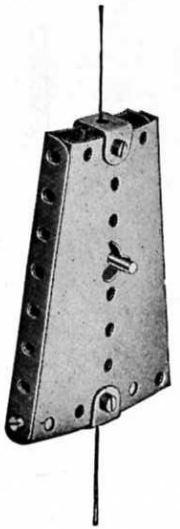
Parts required:

6	of No.		2
2	„	„	3
10	„	„	5
2	„	„	11
2	„	„	16
4	„	„	22
21	„	„	37
2	„	„	48A
1	„	„	52

Model No. 251 Cutting Machine

Parts required:

7	of No.		2
1	„	„	3
1	„	„	5
4	„	„	12
14	„	„	37
1	„	„	48A
1	„	„	52



Model No. 252 Magic Sector Plates

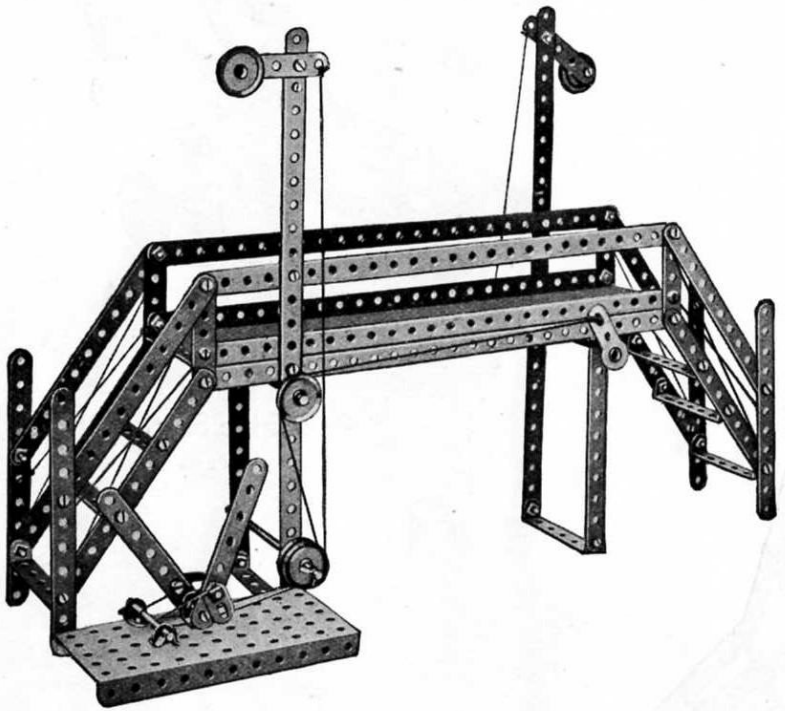
Parts required:

2	of No.		11
1	„	„	17
2	„	„	35
6	„	„	37
2	„	„	54

When the cord is held vertically the magic sector plates will fall or stop at the bidding of the owner. If the cord is held without tension the plates will fall, but the instant the cord is tightened they will stop dead. The cord is wrapped once around the rod which passes through the centre holes of the sector plates.

meccanoindex.co.uk

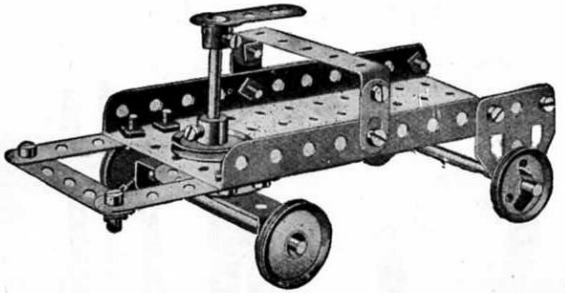
Model No. 253
Railway Foot Bridge and Signals



Parts required:

4	of No.	1	1	of No.	11	2	of No.	22A
14	„ „	2	2	„ „	12	6	„ „	35
2	„ „	3	1	„ „	15A	50	„ „	37
8	„ „	5	2	„ „	16	8	„ „	48A
2	„ „	8	1	„ „	17	1	„ „	52
2	„ „	10	3	„ „	22	1	„ „	62

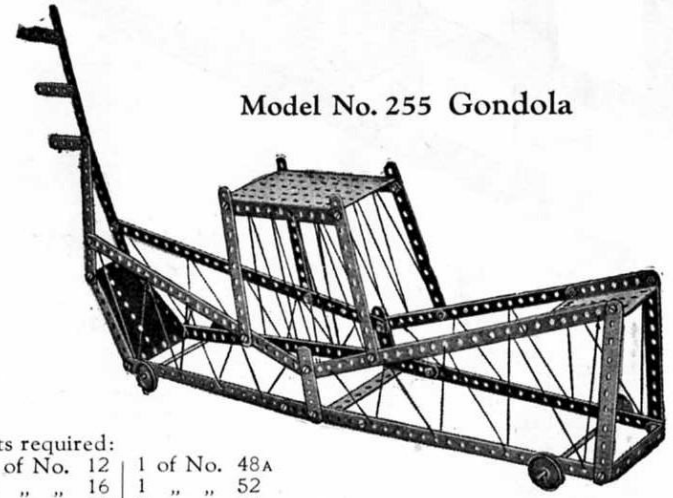
Model No. 254 Motor Van



Parts required:

3	of No.	5	2	of No.	22A	2	of No.	48A
2	„ „	10	1	„ „	24	1	„ „	52
2	„ „	16	2	„ „	35	1	„ „	62
1	„ „	17	16	„ „	37	2	„ „	126A
3	„ „	22	2	„ „	38			

Model No. 255 Gondola

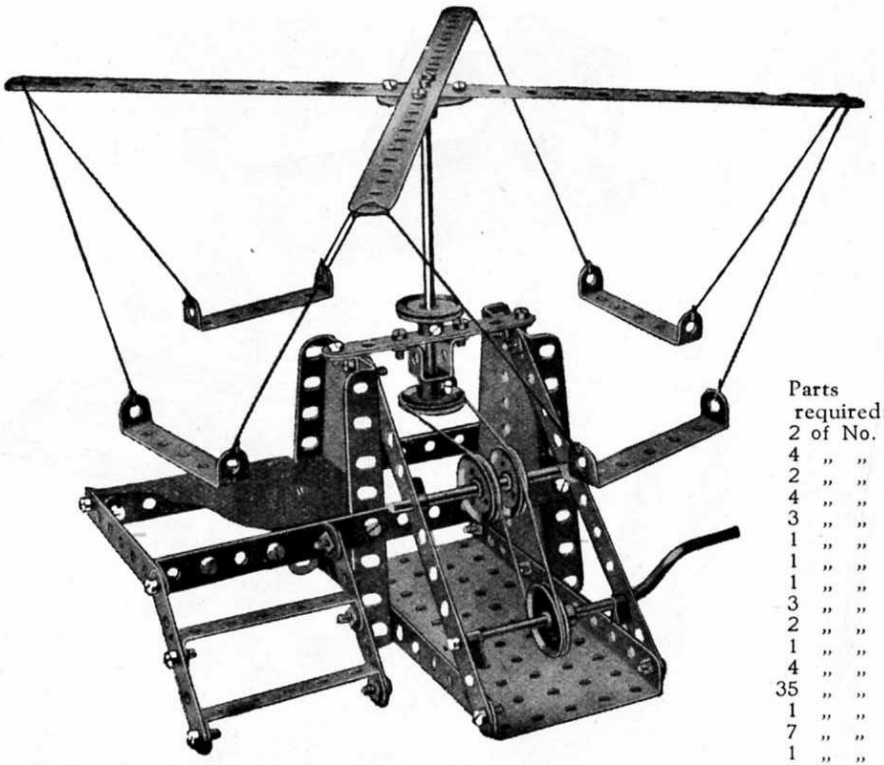


Parts required:

8	of No.	1	2	of No.	12	1	of No.	48A
9	„ „	2	2	„ „	16	1	„ „	52
1	„ „	3	4	„ „	22	2	„ „	54
5	„ „	5	29	„ „	37			

meccanoindex.co.uk

Model No. 256 Roundabout



Parts required:

2	of No.	1
4	„ „	2
2	„ „	3
4	„ „	5
3	„ „	12
1	„ „	15
1	„ „	16
1	„ „	19
3	„ „	22
2	„ „	22A
1	„ „	24
4	„ „	35
35	„ „	37
1	„ „	45
7	„ „	48A
1	„ „	52
2	„ „	54

Model No. 257 Beam Scales

Parts required:

5	of No.	1
6	„ „	2
7	„ „	5
4	„ „	8
6	of No.	12
2	„ „	17
2	„ „	22A
6	„ „	35
48	„ „	37
5	of No.	48A
1	„ „	52
2	„ „	54
2	„ „	126A

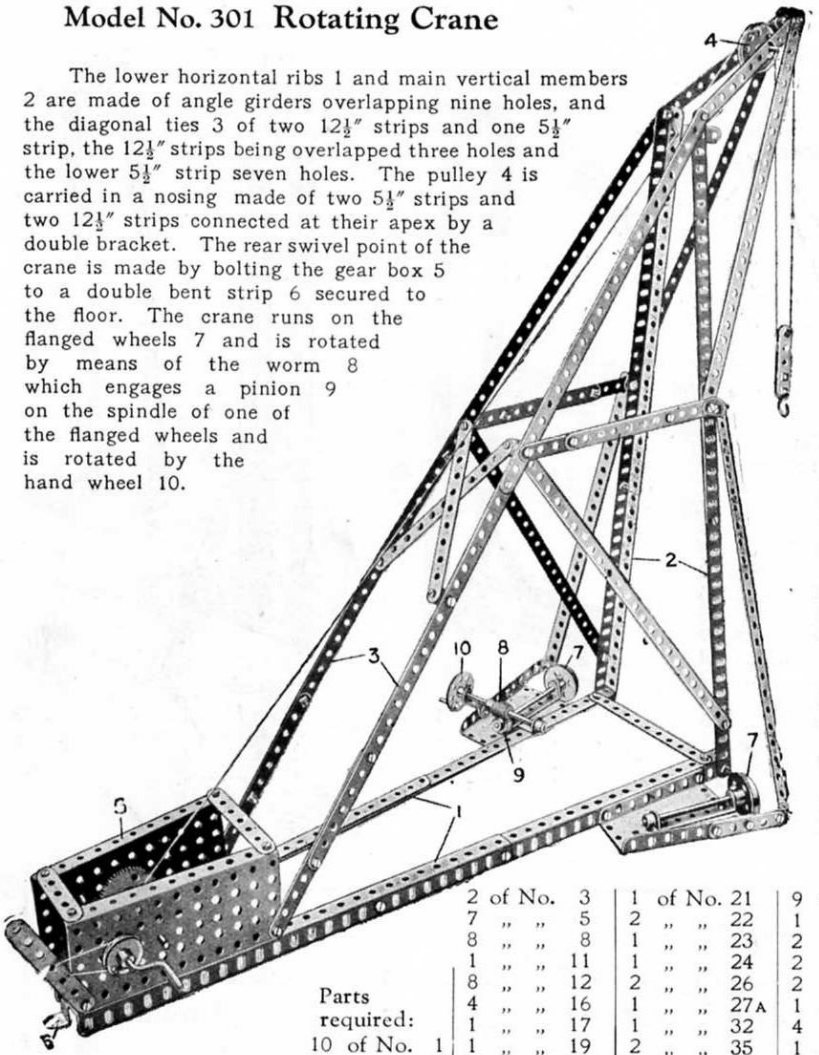
HOW TO CONTINUE

This completes the Models which may be made with MECCANO Outfit No. 2. 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. 2A Accessory Outfit, the price of which will be found in the List at the end of the Manual.

meccanoindex.co.uk

Model No. 301 Rotating Crane

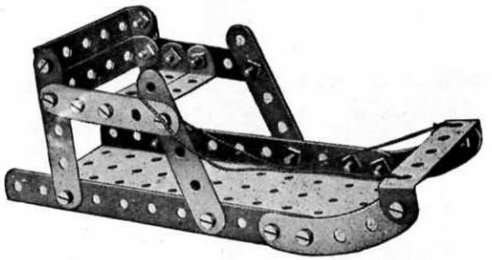
The lower horizontal ribs 1 and main vertical members 2 are made of angle girders overlapping nine holes, and the diagonal ties 3 of two 12½" strips and one 5½" strip, the 12½" strips being overlapped three holes and the lower 5½" strip seven holes. The pulley 4 is carried in a nosing made of two 5½" strips and two 12½" strips connected at their apex by a double bracket. The rear swivel point of the crane is made by bolting the gear box 5 to a double bent strip 6 secured to the floor. The crane runs on the flanged wheels 7 and is rotated by means of the worm 8 which engages a pinion 9 on the spindle of one of the flanged wheels and is rotated by the hand wheel 10.



Parts required:

10 of No. 1	2 of No. 3	1 of No. 21	9 of No. 38
11 „ „ 2	7 „ „ 5	2 „ „ 22	1 „ „ 45
	8 „ „ 8	1 „ „ 23	2 „ „ 48A
	1 „ „ 11	1 „ „ 24	2 „ „ 52
	8 „ „ 12	2 „ „ 26	2 „ „ 54
	4 „ „ 16	1 „ „ 27A	1 „ „ 57
	1 „ „ 17	1 „ „ 32	4 „ „ 59
	1 „ „ 19	2 „ „ 35	1 „ „ 115
	2 „ „ 20	70 „ „ 37	2 „ „ 125

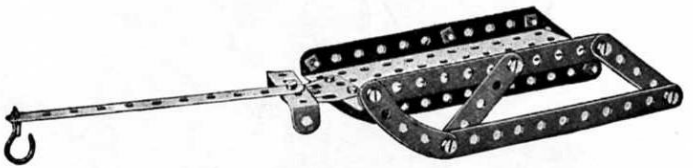
Model No. 302 Toboggan



Parts required:

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

Model No. 303 Horse Sleigh



Parts required:

3 of No. 2	13 of No. 37	1 of No. 57
4 „ „ 5	1 „ „ 48A	2 „ „ 90
1 „ „ 23	1 „ „ 52	1 „ „ 126A

Model No. 304 Sleigh

Parts required:

2 of No. 2	
4 of No. 5	1 of No. 52
10 „ „ 37	2 „ „ 90

meccanoindex.co.uk

Model No. 305 Tower Wagon

Parts required:

6	of No.	1
2	" "	4
10	" "	5
8	" "	8
2	" "	12
2	" "	15A
4	" "	16
4	" "	20
1	" "	22A
1	" "	24
1	" "	26
1	" "	32
4	" "	35
72	" "	37
8	" "	38
10	" "	48A
2	" "	52
3	" "	59
1	" "	98
2	" "	100
1	" "	115
2	" "	126A

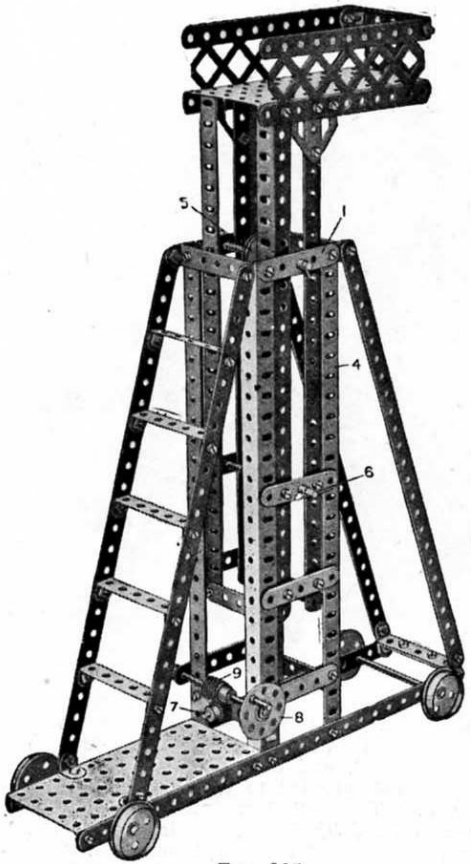


FIG. 305

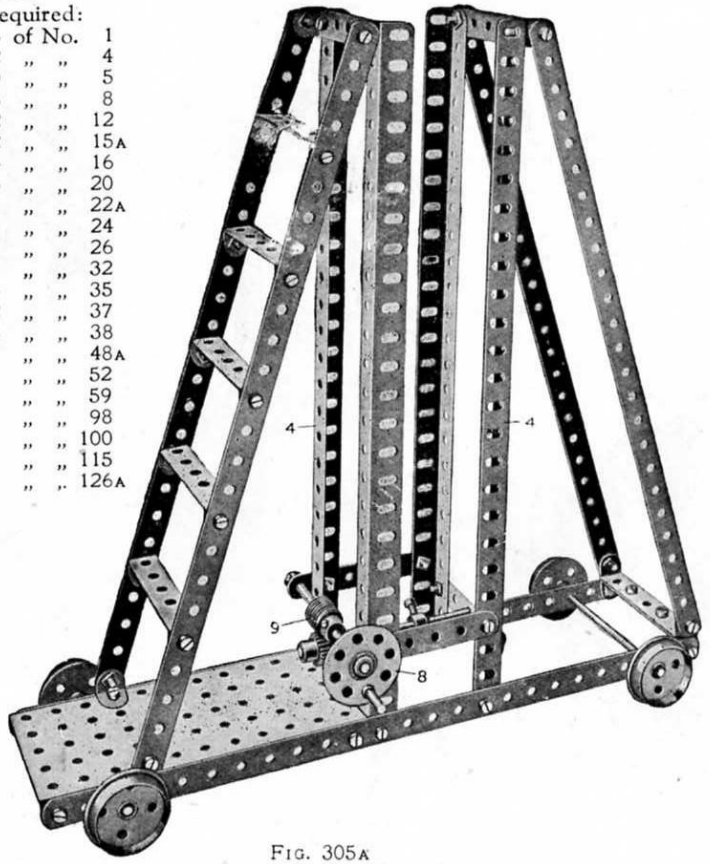


FIG. 305A

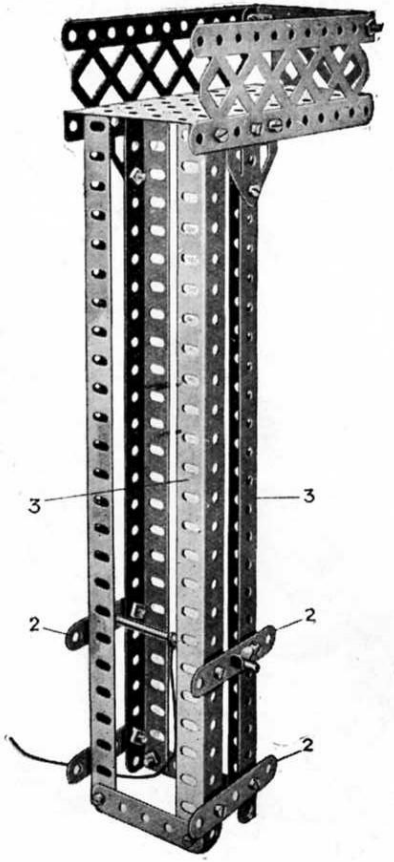
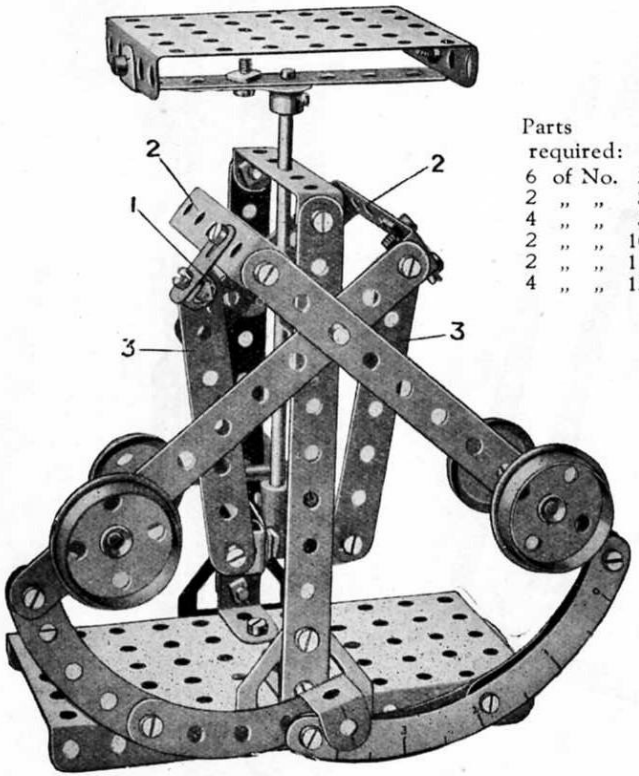


FIG. 305B

Begin the construction of this model by building up the platform, Fig. A, the tie strips 1 being left off as shown in order to be able to insert the rising and falling tower, Fig. B. The strips are then bolted on. The guide strips 2 are bolted to the girder 3 of the tower with washers beneath the strips. This gives the necessary clearance and enables the strips to rise easily up the faces of the girders 4 of the fixed lower part of the tower. The tower is raised by means of a cord which passes over a pulley 5 and is fastened to a rod 6, the other end of the cord winding on a rod 7 rotated by a hand wheel 8 on the spindle of the worm 9.

meccanoindex.co.uk

Model No. 306 Letter Balance



Parts required:

6	of No.	2
2	„ „	3
4	„ „	5
2	„ „	10
2	„ „	11
4	„ „	12

The connection at 1 of the rocking arms 2 to the thrust strips 3 is locknutted to give a free pivotal action, and similarly the pivotal connections 5 of the strips 3 to the lever strips 4 are locknutted to give free play.

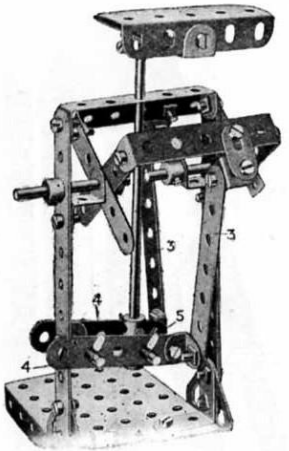
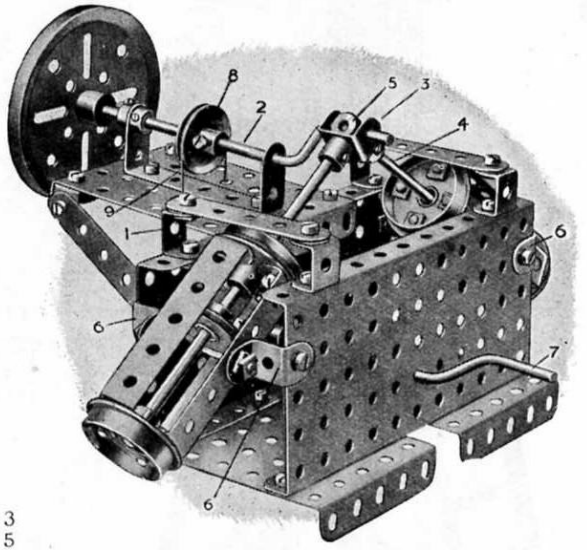


FIG. 306A

2	of No.	12A
1	„ „	15
2	„ „	17
2	„ „	18A
2	„ „	20
2	„ „	22
4	„ „	35
40	„ „	37
6	„ „	38
3	„ „	48A
1	„ „	48B
1	„ „	52
1	„ „	53
4	„ „	59
1	„ „	62
1	„ „	63
4	„ „	90
2	„ „	125
2	„ „	126A

Model No. 307 Oscillating Steam Engine



Parts required:

2	of No.	3
2	„ „	5
4	„ „	11
4	„ „	12
2	„ „	12A
2	„ „	15
2	„ „	19
1	„ „	19B
4	„ „	20
4	„ „	22
3	„ „	35
50	„ „	37
6	„ „	48A
2	„ „	52
3	„ „	53
2	„ „	59
1	„ „	63
1	„ „	102
1	„ „	116
4	„ „	125

The piston rod 1 of one cylinder is pivotally connected to the crank rod 2 by means of a fork piece 3, and the piston rod 4 of the other cylinder is pivoted to the crank rod by a coupling 5. The cylinders consisting of four strips are enclosed by flanged wheels at the ends, and are pivoted on ½″ reversed brackets 6. The model is operated from the handle rod 7, a pulley on the rear end of which is coupled to the pulley 8 by a cord 9.

meccanoindex.co.uk

Model No. 308 Railway Wagon Swivel Crane

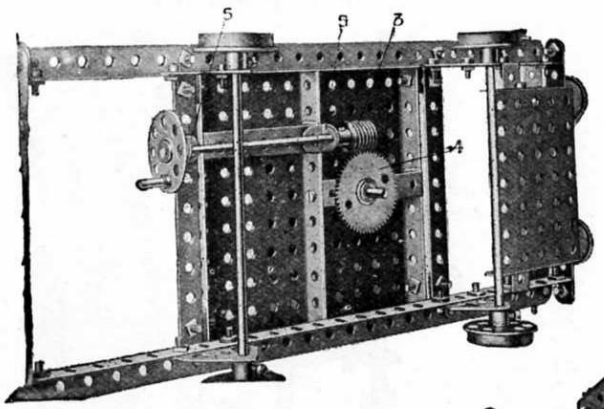
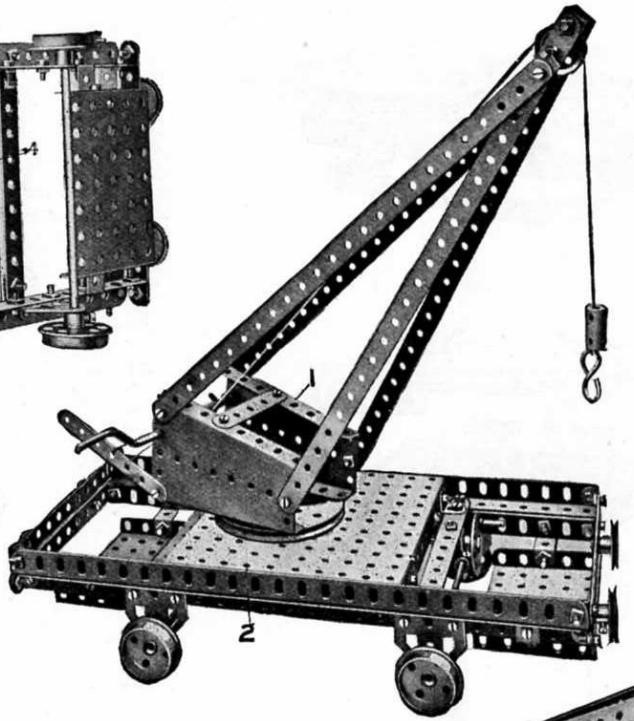


FIG. 308A

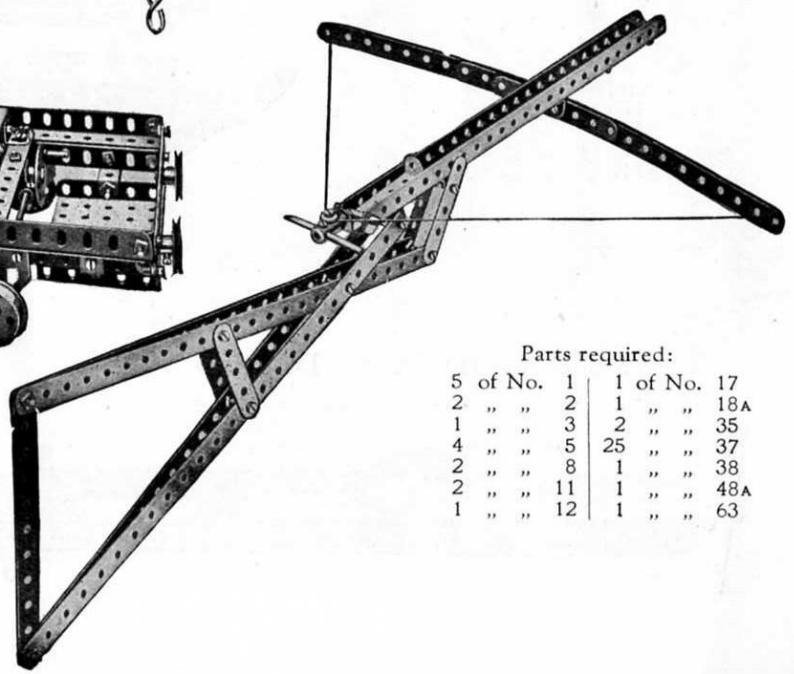


Parts required:

4	of No.	1	1	of No.	19	2	of No.	38
6	„ „	2	1	„ „	19B	2	„ „	48A
1	„ „	3	4	„ „	20	2	„ „	52
2	„ „	5	4	„ „	22	2	„ „	53
4	„ „	8	1	„ „	22A	2	„ „	54
1	„ „	11	1	„ „	24	1	„ „	57
14	„ „	12	1	„ „	27A	3	„ „	59
2	„ „	15	1	„ „	32	1	„ „	63
1	„ „	15A	3	„ „	35	1	„ „	115
2	„ „	17	70	„ „	37	4	„ „	125
						4	„ „	126A

The flanges of the sector plates 1 are bolted to the 3″ pulley wheel 2 upon which the crane swivels, and the spindle of the pulley wheel is rotated by the worm 3 engaging the gear wheel 4 on the spindle. In order to bring the worm centrally over the teeth of the gear wheel 4, washers are placed between the angle brackets 5 in which the spindle of the worm is journalled.

Model No. 309 Crossbow

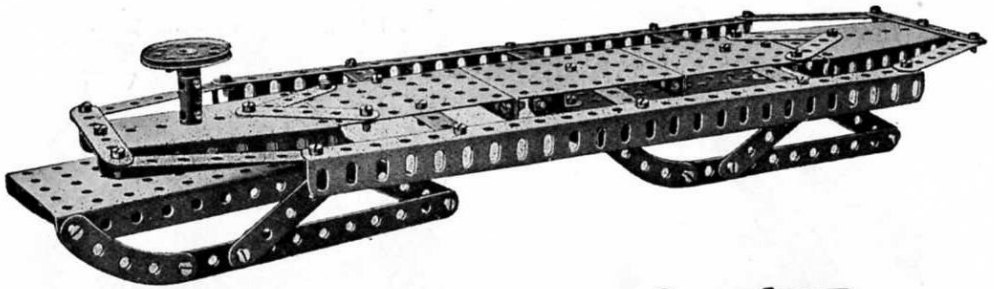


Parts required:

5	of No.	1	1	of No.	17			
2	„ „	2	1	„ „	18A			
1	„ „	3	2	„ „	35			
4	„ „	5	25	„ „	37			
2	„ „	8	1	„ „	38			
2	„ „	11	1	„ „	48A			
1	„ „	12	1	„ „	63			

meccanoindex.co.uk

Model No. 310 Bob Sleigh



Parts required:

7	of No.	2	55	of No.	37
6	„ „	3	2	„ „	38
12	„ „	5	1	„ „	45
2	„ „	8	2	„ „	52
2	„ „	11	3	„ „	53
1	„ „	17	2	„ „	54
1	„ „	21	1	„ „	63
1	„ „	24	4	„ „	90

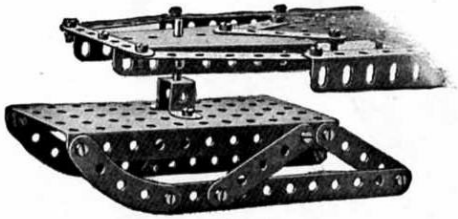
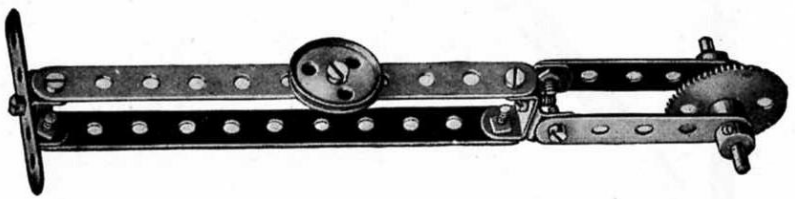


FIG. 310A

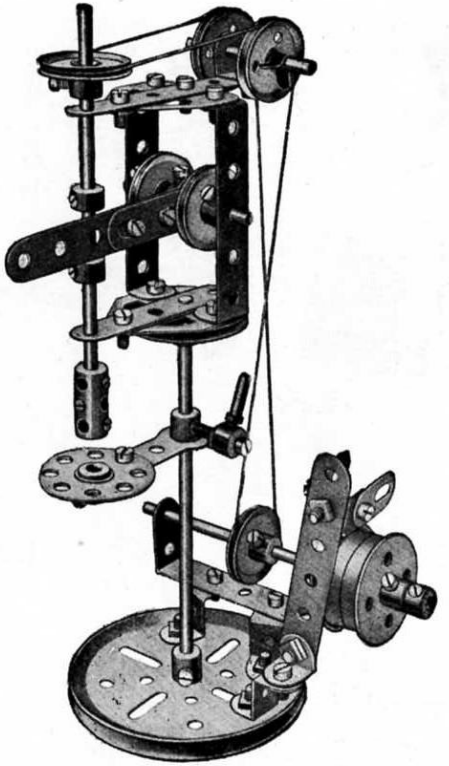
Model No. 311 Pastry Designer



Parts required:

2	of No.	2
3	„ „	5
3	„ „	11
1	„ „	17
1	„ „	22A
1	„ „	27A
9	„ „	37
2	„ „	59

Model No. 312 Drilling Machine

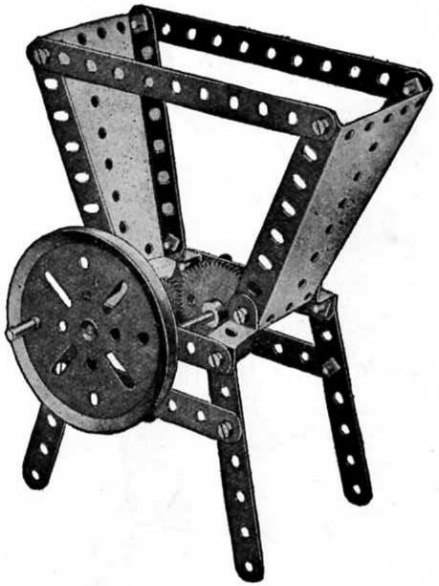


Parts required:

2	of No.	4	2	of No.	20	2	of No.	48A
2	„ „	5	1	„ „	21	5	„ „	59
2	„ „	10	4	„ „	22	2	„ „	62
2	„ „	11	2	„ „	22A	1	„ „	63
1	„ „	12	1	„ „	24	1	„ „	111
1	„ „	15	2	„ „	35	1	„ „	115
2	„ „	15A	21	„ „	37	3	„ „	125
2	„ „	17	1	„ „	44	2	„ „	126A
1	„ „	19B	1	„ „	46			

meccanoindex.co.uk

Model No. 313 Coffee Grinder



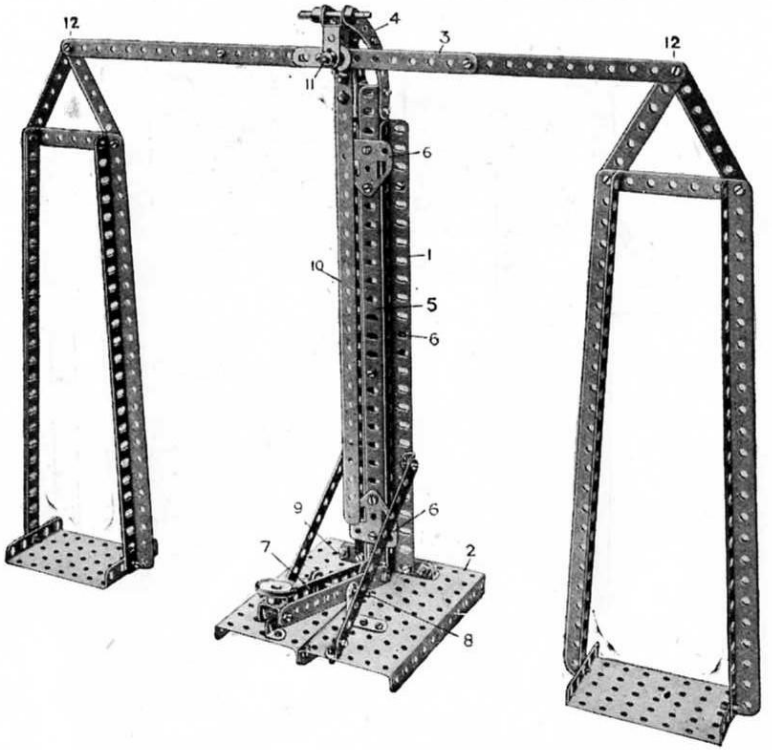
Parts required:

2	of No.	2
6	„ „	3
2	„ „	4
2	„ „	16
1	„ „	19B
1	„ „	26
1	„ „	27A
16	„ „	37
2	„ „	54
3	„ „	59
1	„ „	115
4	„ „	125

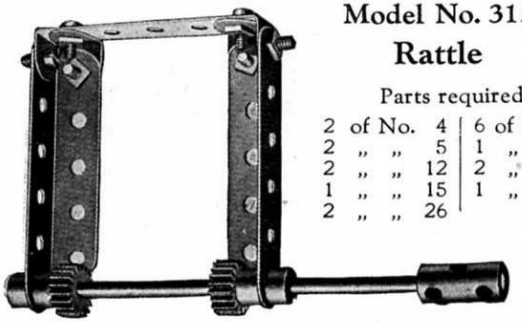
Model No. 314 Demonstration Scales

Parts required:

3	of No.	1
4	„ „	2
6	„ „	3
1	„ „	4
2	„ „	5
8	„ „	8
4	„ „	11
6	„ „	12
2	„ „	12A
2	„ „	17
1	„ „	18A
1	„ „	22
2	„ „	35
58	„ „	37
1	„ „	44
2	„ „	52
2	„ „	53
2	„ „	59
2	„ „	62
4	„ „	90
1	„ „	125
3	„ „	126A



Model No. 315 Rattle



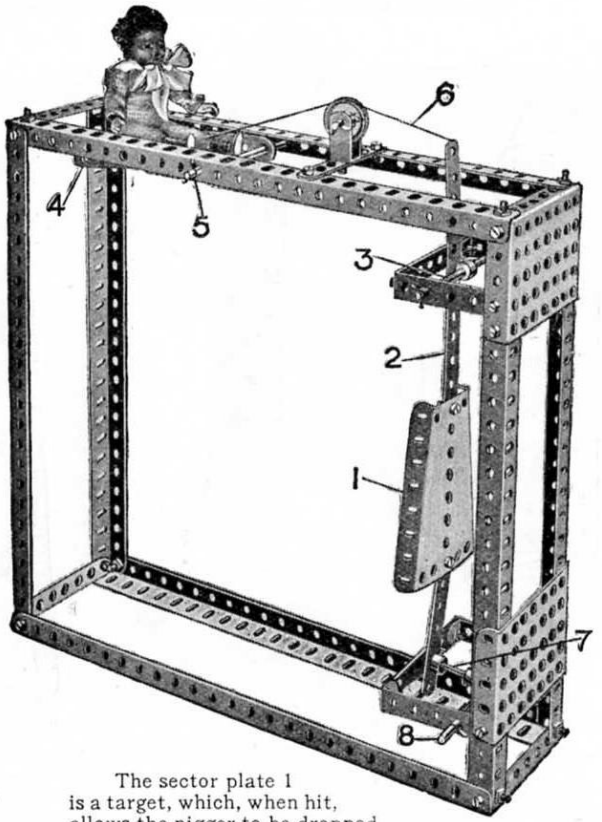
Parts required:

2	of No.	4	6	of No.	37
2	„ „	5	1	„ „	48A
2	„ „	12	2	„ „	59
1	„ „	15	1	„ „	63
2	„ „	26			

The only feature of this model which needs description is the standard, which is built up of two angle girders 1 bolted to the base 2 by angle brackets and spaced apart at the top by a 2½" strip obliquely disposed. The balance lever 3 is pivotally carried in curved strips 4 bolted to the top of two angle girders 5 sliding between the girders 1. The girders 5 are themselves bolted together and in order to guide them as they slide vertically flat trunnions 6 are bolted at the front and rear. The balance is raised by depressing the lever 8 pivoted at 9 and pivotally connected at 11 to the vertically sliding girders 5. The indicator 10 is bolted to a crank at the rear, the boss of which is fitted on the pivot rod 11. The connections at 12 are lock-nutted to allow free action.

meccanoindex.co.uk

Model No. 316 Drop the Nigger

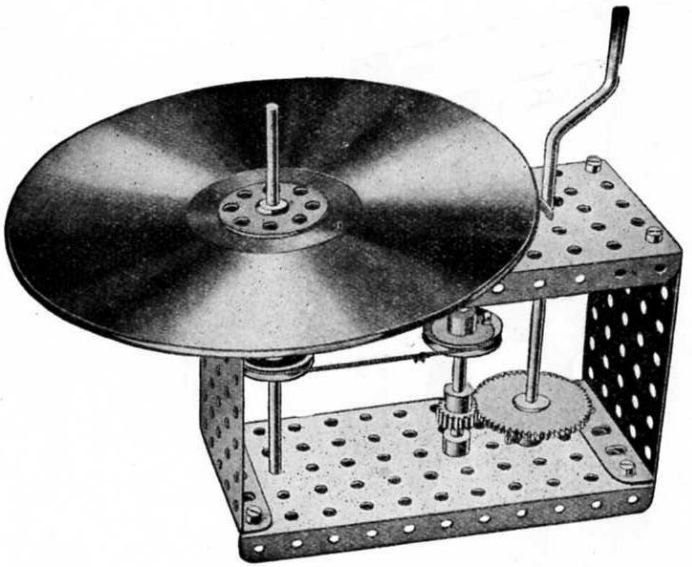


Parts required:

1	of No.		1
6	„	„	3
8	„	„	8
1	„	„	12
3	„	„	15A
1	„	„	17
1	„	„	22
6	„	„	35
33	„	„	37
1	„	„	44
4	„	„	48A
2	„	„	53
2	„	„	54
3	„	„	59
1	„	„	63

The sector plate 1 is a target, which, when hit, allows the nigger to be dropped. The plate 1 is carried on the strip 2 pivoted at 3, and the weight of the nigger supported on another sector plate 4 pivoted at 5 by means of the cord 6 keeps the lower end of the strip 2 hard against a short rod 7 pivoted at 8. When the target is hit and knocked back the rod 7 is released and falls about its pivot, allowing the sector plate 4 with the nigger to drop.

Model No. 317 Newton's Disc



Parts required:

1	of No.	15	1	of No.	24	8	of No.	37
1	„	„ 15A	1	„	„ 26	2	„	„ 52
1	„	„ 19	1	„	„ 27A	2	„	„ 53
2	„	„ 22	2	„	„ 35	4	„	„ 59

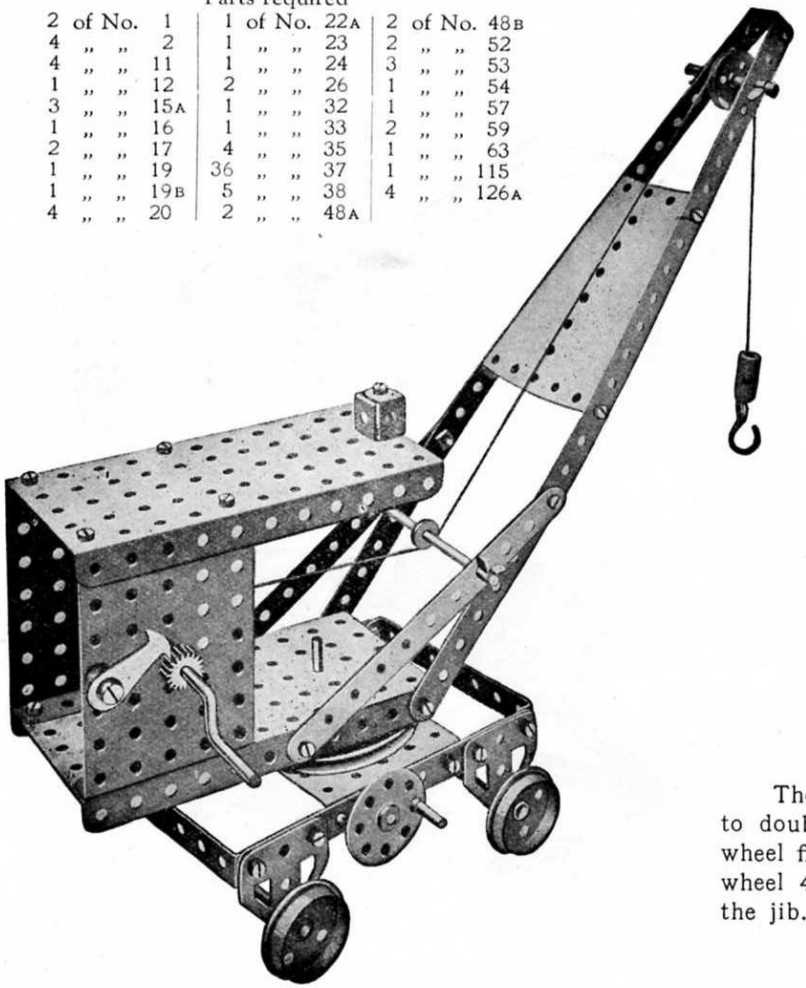
This is a model to show that white light is made up of the three primary colours—red, yellow, blue. Sectors of these three colours are mounted or painted on the disc, which, if then quickly rotated, shows as white.

meccanoindex.co.uk

Model No. 318 Railway Breakdown Crane

Parts required

2	of No.	1	1	of No.	22A	2	of No.	48B
4	„ „	2	1	„ „	23	2	„ „	52
4	„ „	11	1	„ „	24	3	„ „	53
1	„ „	12	2	„ „	26	1	„ „	54
3	„ „	15A	1	„ „	32	1	„ „	57
1	„ „	16	1	„ „	33	2	„ „	59
2	„ „	17	4	„ „	35	1	„ „	63
1	„ „	19	36	„ „	37	1	„ „	115
1	„ „	19B	5	„ „	38	4	„ „	126A
4	„ „	20	2	„ „	48A			



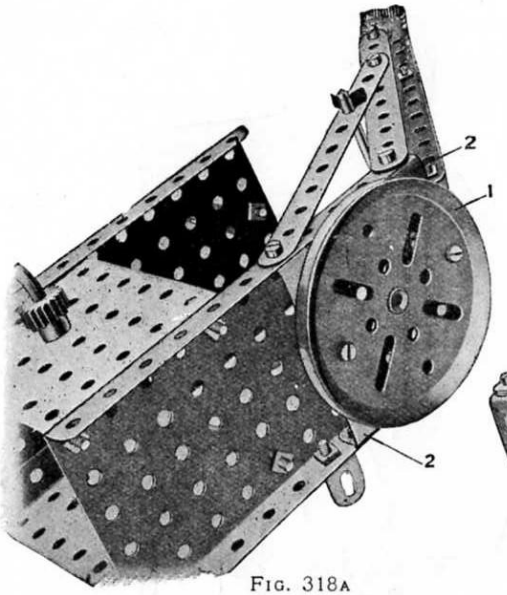


FIG. 318A

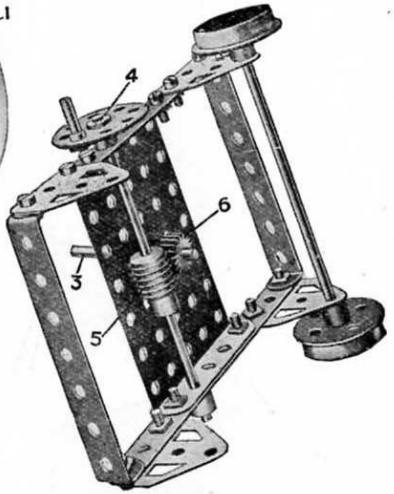


FIG. 318B

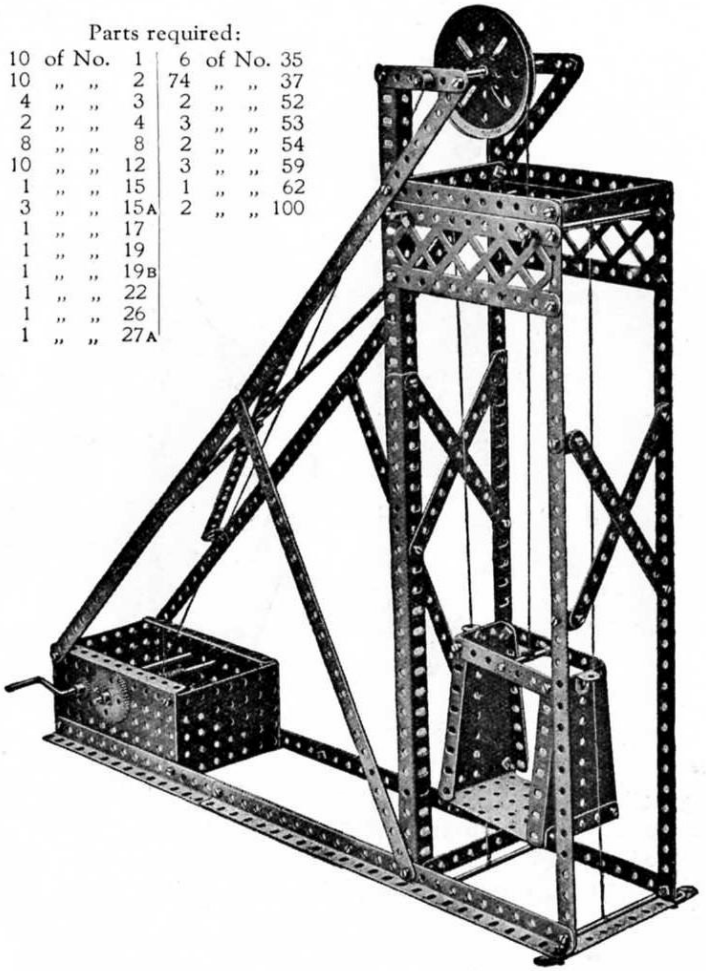
The swivelling action is obtained by bolting a 3″ pulley 1 to double angle strips 2 on the jib frame. The boss of this wheel fits over the rod 3 and is secured to the rod. The hand wheel 4 rotates the worm 5, engaging the pinion 6 to swivel the jib.

meccanoindex.co.uk

Model No. 319 Pit Head Gear

Parts required:

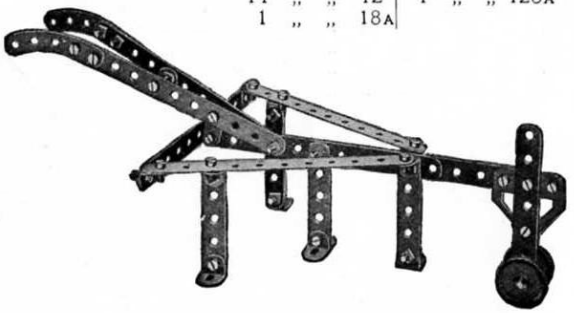
10	of No.	1	6	of No.	35
10	„ „	2	74	„ „	37
4	„ „	3	2	„ „	52
2	„ „	4	3	„ „	53
8	„ „	8	2	„ „	54
10	„ „	12	3	„ „	59
1	„ „	15	1	„ „	62
3	„ „	15A	2	„ „	100
1	„ „	17			
1	„ „	19			
1	„ „	19B			
1	„ „	22			
1	„ „	26			
1	„ „	27A			



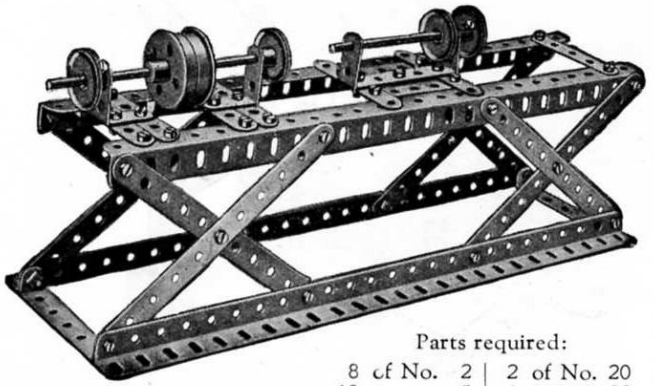
Model No. 320 Scarifier

Parts required:

7	of No.	2	2	of No.	22
1	„ „	3	31	„ „	37
4	„ „	5	2	„ „	38
1	„ „	10	2	„ „	90
14	„ „	12	1	„ „	126A
1	„ „	18A			



Model No. 321 Lathe

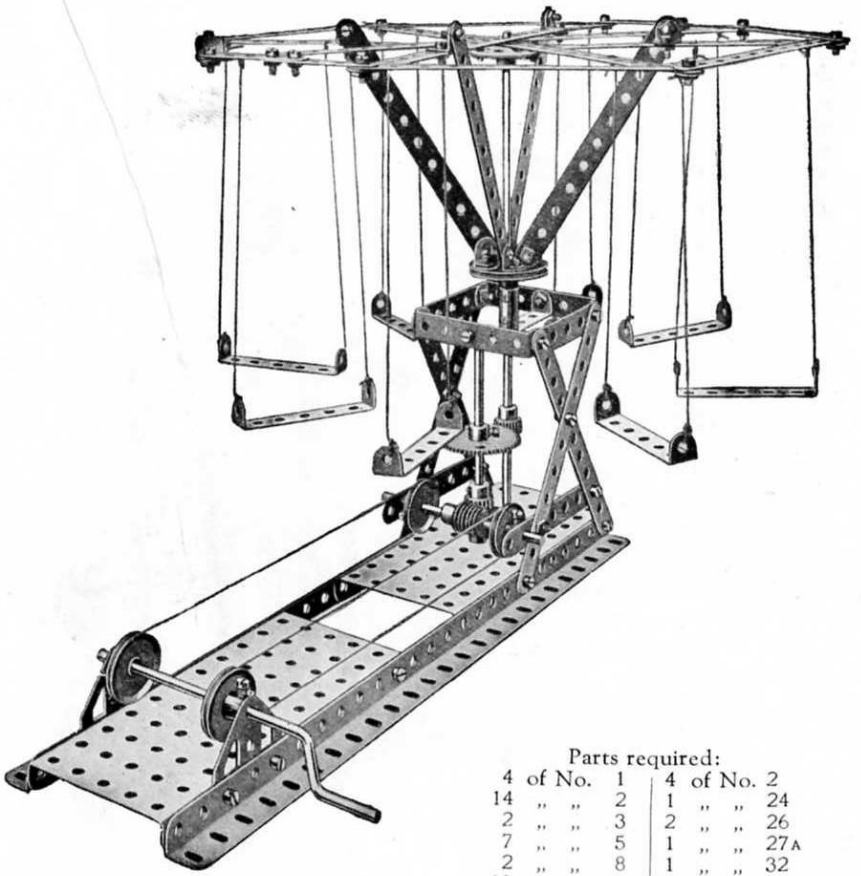


Parts required:

8	of No.	2	2	of No.	20
10	„ „	5	1	„ „	22
4	„ „	8	41	„ „	37
2	„ „	12A	1	„ „	46
1	„ „	15A	2	„ „	48A
1	„ „	16			

meccanoindex.co.uk

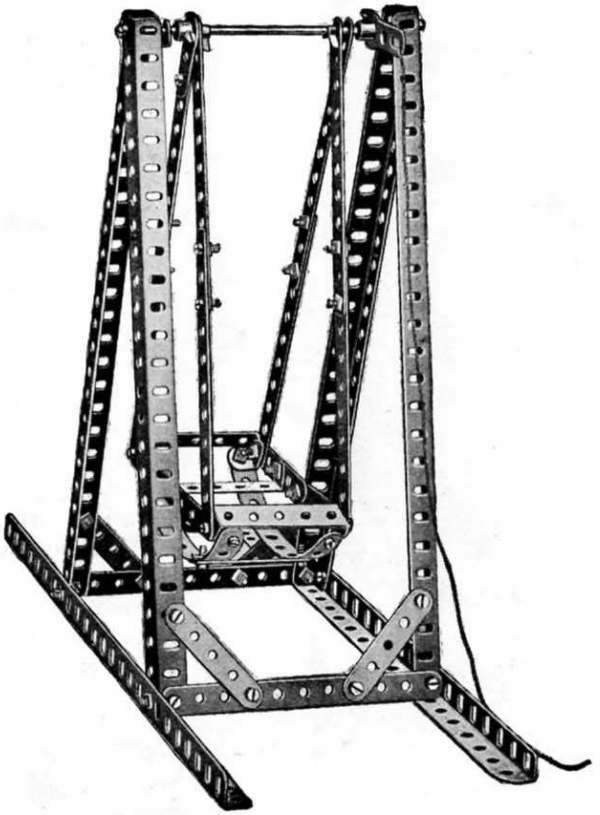
Model No. 322 Roundabout



Parts required:

4	of No.	1		4	of No.	2	
14	„	„	2	1	„	„	24
2	„	„	3	2	„	„	26
7	„	„	5	1	„	„	27A
2	„	„	8	1	„	„	32
10	„	„	12	54	„	„	37
2	„	„	15	10	„	„	48A
1	„	„	15A	2	„	„	52
1	„	„	16	3	„	„	59
1	„	„	19	1	„	„	63
1	„	„	21	2	„	„	126A

Model No. 323 Swing

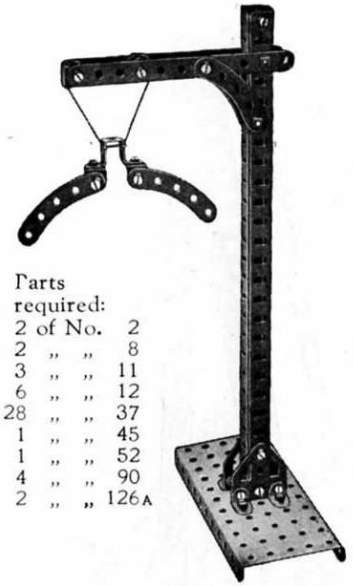


Parts required:

12	of No.	2		1	of No.	15	
9	„	„	5	2	„	„	35
6	„	„	8	43	„	„	37
2	„	„	11	4	„	„	48A
4	„	„	12	2	„	„	62

meccanoindex.co.uk

Model No. 324 Railway Gauge



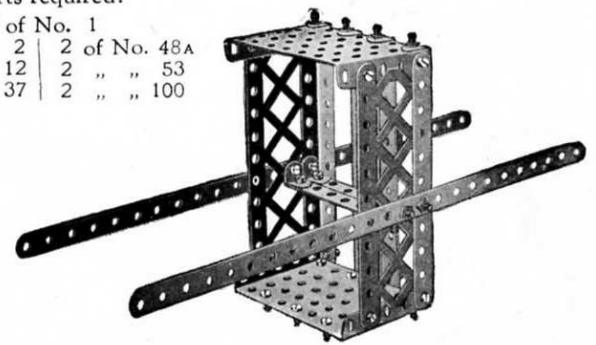
Parts required:

2	of No.	2
2	„ „	8
3	„ „	11
6	„ „	12
28	„ „	37
1	„ „	45
1	„ „	52
4	„ „	90
2	„ „	126A

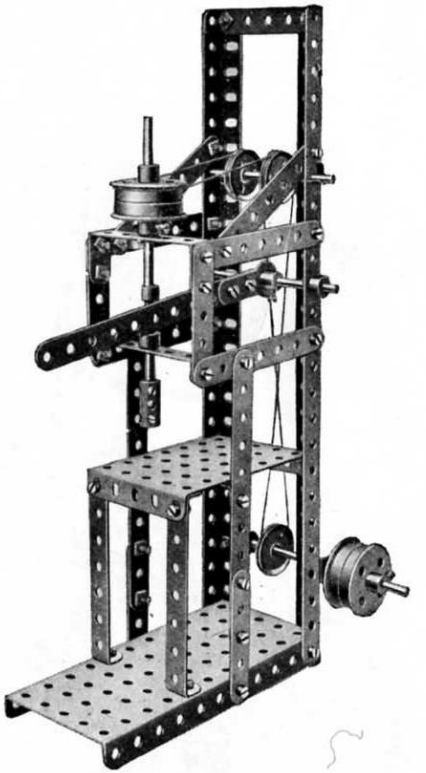
Model No. 325 Chinese Palanquin

Parts required:

	2	of No.	1		
4	of No.	2	2	of No.	48A
8	„ „	12	2	„ „	53
30	„ „	37	2	„ „	100



Model No. 326 Hand Punch

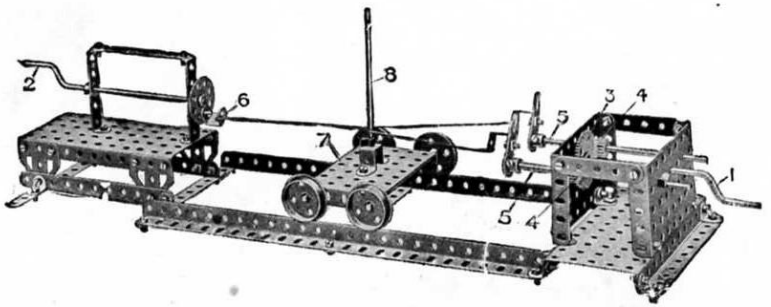


Parts required:

3	of No.	2	4	of No.	20	2	of No.	48B
6	„ „	3	1	„ „	22	1	„ „	52
5	„ „	5	2	„ „	22A	1	„ „	53
2	„ „	8	3	„ „	35	4	„ „	59
2	„ „	11	38	„ „	37	1	„ „	62
2	„ „	15	1	„ „	46	1	„ „	63
2	„ „	16	2	„ „	48A			

Model No. 327 Wire Rope Maker

The strands are twisted from both ends by the handles 1 and 2 of the fixed parts. The handle 1 rotates through a large gear wheel 3 two pinions 4 on the rods 5 carrying cranks to which the strands are attached. The other ends of the strands are connected to a double bent strip 6 on a bush wheel which is rotated in the opposite direction by a crank handle 2. The carriage 7 runs on rails and the vertical rod 8 is kept just at the formation of the twisted rope and so controls the tightness of the twist.

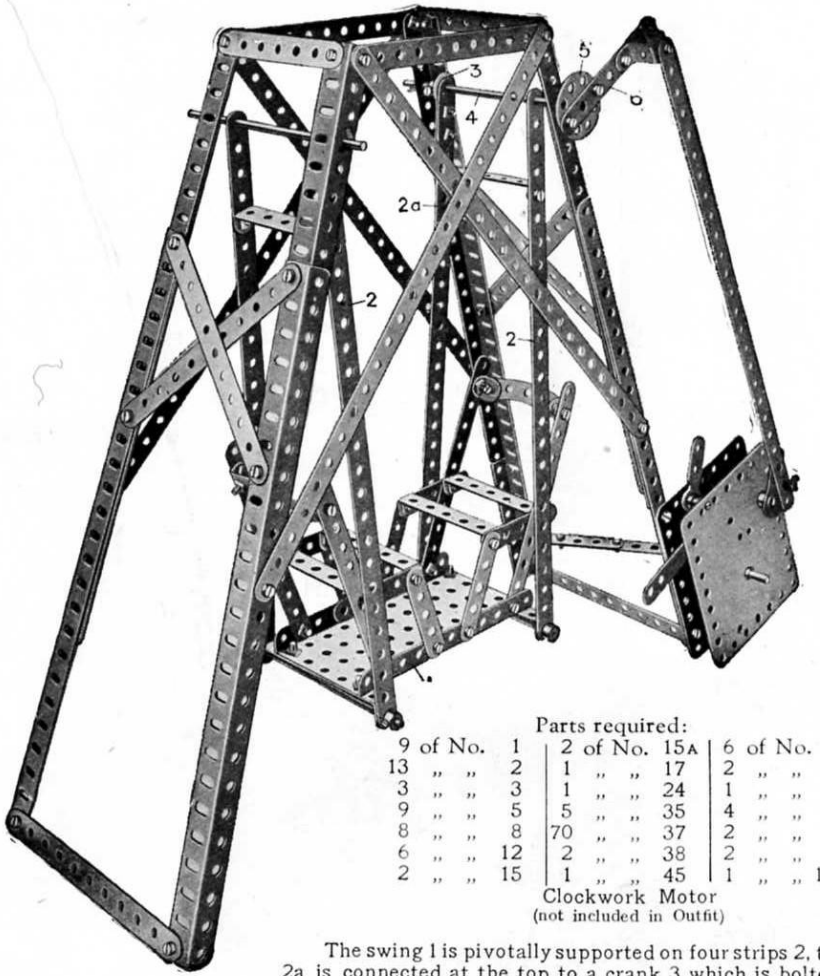


Parts required:

6	of No.	2			
1	„ „	3			
2	„ „	5			
2	„ „	8			
3	„ „	11			
12	„ „	12			
2	„ „	15	50	of No.	37
3	„ „	15A	1	„ „	45
2	„ „	19	2	„ „	48A
4	„ „	20	2	„ „	52
1	„ „	24	3	„ „	53
2	„ „	26	4	„ „	59
1	„ „	27A	2	„ „	62
3	„ „	35	4	„ „	126A

meccanoindex.co.uk

Model No. 328 Lawn Swing



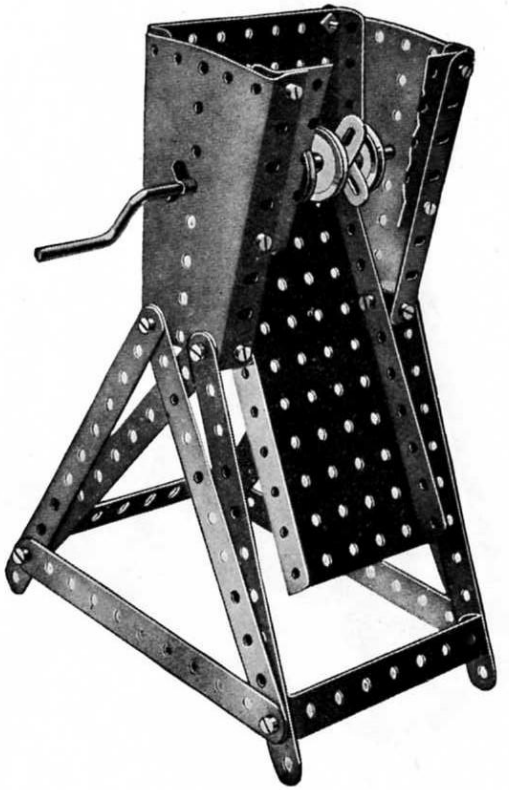
Parts required:

9	of No.	1	2	of No.	15A	6	of No.	48A
13	„ „	2	1	„ „	17	2	„ „	48B
3	„ „	3	1	„ „	24	1	„ „	52
9	„ „	5	5	„ „	35	4	„ „	59
8	„ „	8	70	„ „	37	2	„ „	62
6	„ „	12	2	„ „	38	2	„ „	90
2	„ „	15	1	„ „	45	1	„ „	115

Clockwork Motor
(not included in Outfit)

The swing 1 is pivotally supported on four strips 2, the far strip 2a is connected at the top to a crank 3 which is bolted to a rod 4 and at the front end of this rod is a wheel 5 to which is bolted a strip 6 to the motor spindle.

Model No. 329 Oil Cake Chopper



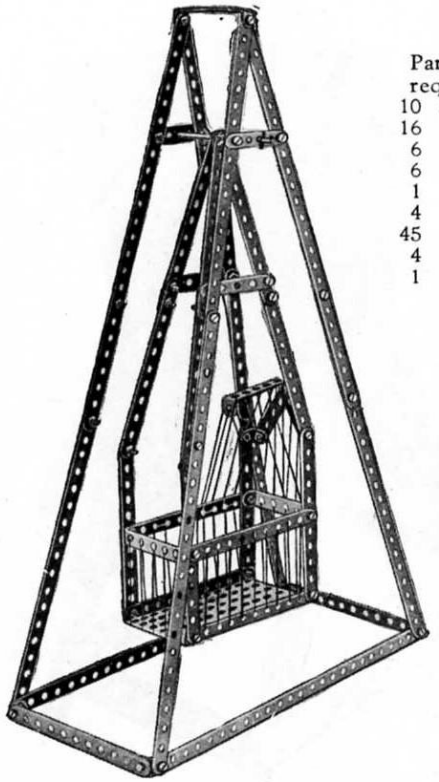
Parts required:

10	of No.	2	2	of No.	35			
4	„ „	10	20	„ „	37			
2	„ „	12	2	„ „	48B			
1	„ „	19	1	„ „	52			
4	„ „	22	2	„ „	53			

2 of No. 54

meccanoindex.co.uk

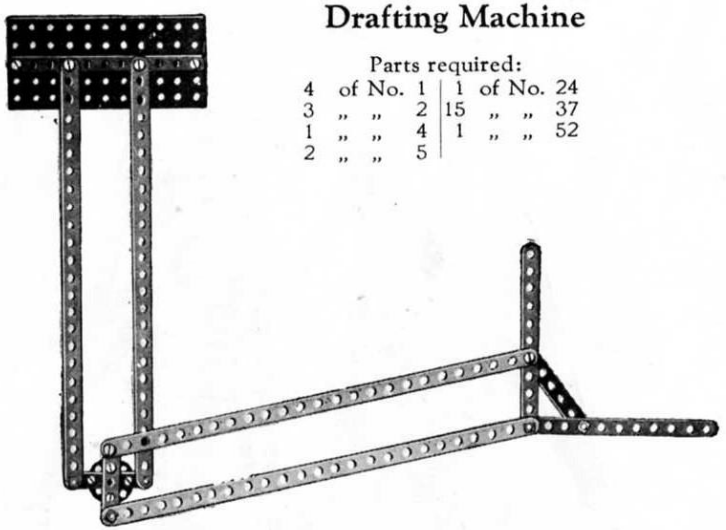
Model No. 330 Swinging Cot



Parts required:

10	of No.		1
16	„	„	2
6	„	„	5
6	„	„	12
1	„	„	15A
4	„	„	35
45	„	„	37
4	„	„	48A
1	„	„	52

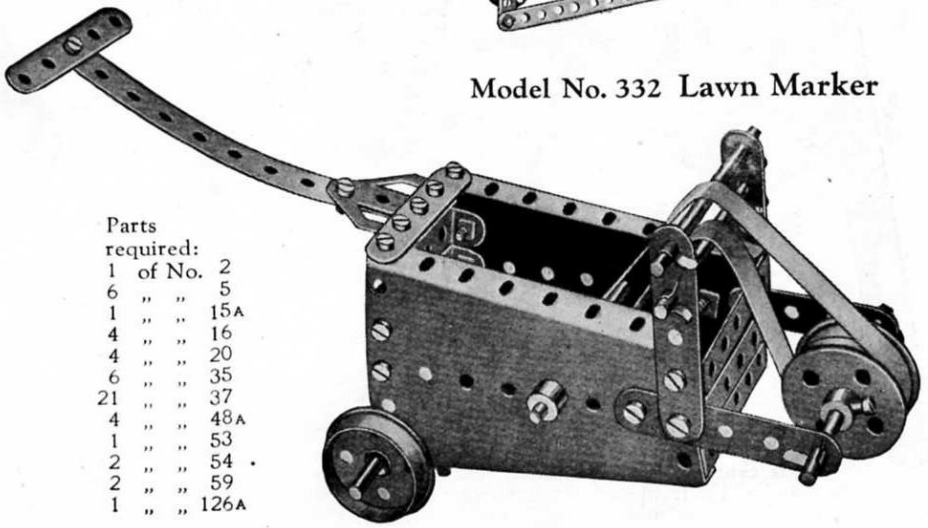
Model No. 331 Drafting Machine



Parts required:

4	of No.		1	1	of No.		24
3	„	„	2	15	„	„	37
1	„	„	4	1	„	„	52
2	„	„	5				

Model No. 332 Lawn Marker



Parts required:

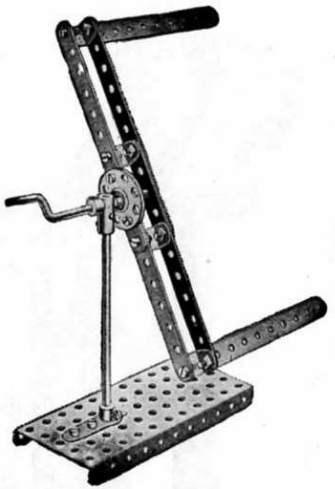
1	of No.		2
6	„	„	5
1	„	„	15A
4	„	„	16
4	„	„	20
6	„	„	35
21	„	„	37
4	„	„	48A
1	„	„	53
2	„	„	54
2	„	„	59
1	„	„	126A

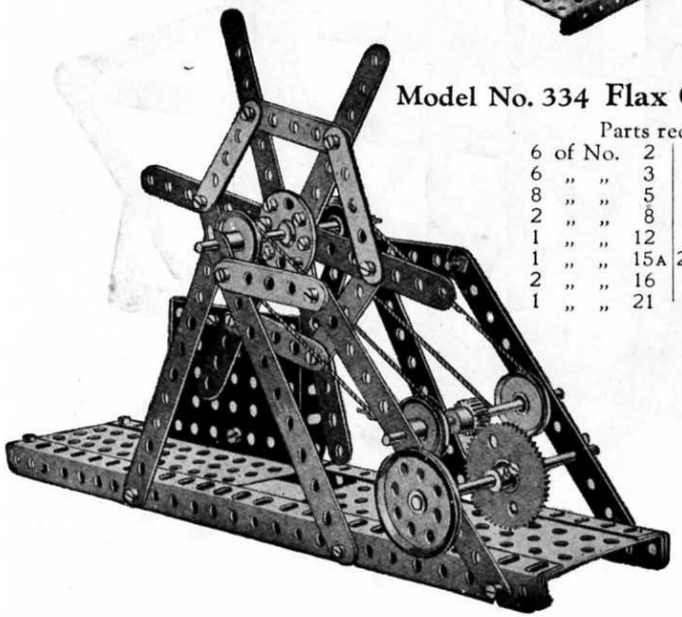
meccanoindex.co.uk

Model No. 333 Lace Jennier

Parts required:

8	of No.		2
4	„	„	11
1	„	„	15
1	„	„	19
1	„	„	24
14	„	„	37
1	„	„	52
1	„	„	59
1	„	„	62
1	„	„	63



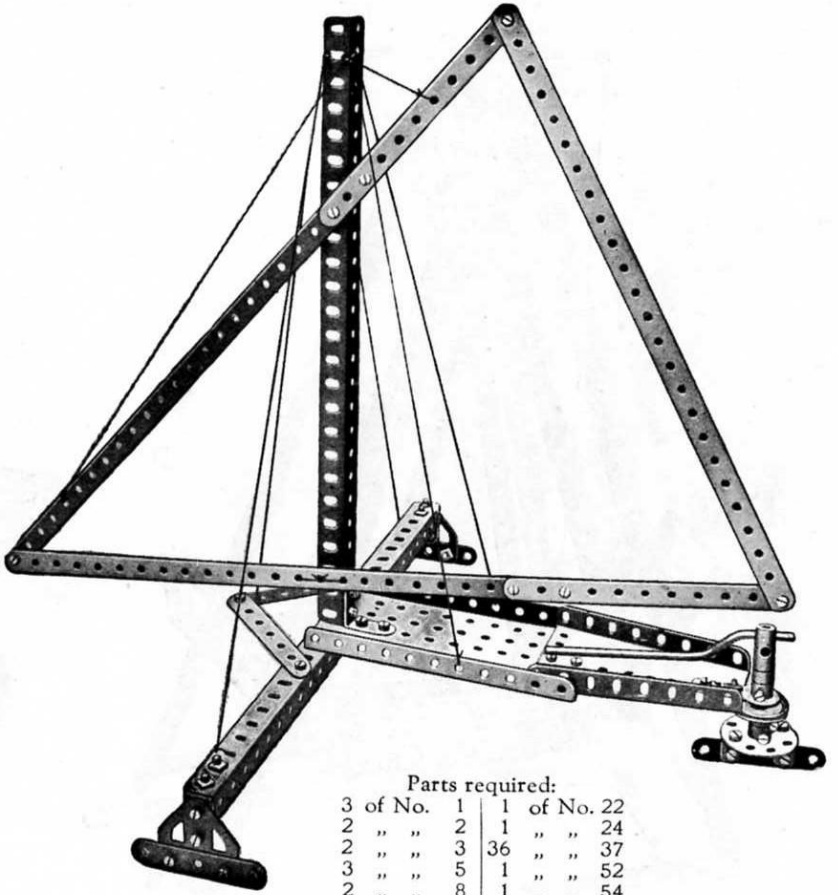


Model No. 334 Flax Cleaner

Parts required:

6	of No.		2	4	of No.		22
6	„	„	3	1	„	„	24
8	„	„	5	1	„	„	26
2	„	„	8	1	„	„	27A
1	„	„	12	4	„	„	35
1	„	„	15A	26	„	„	37
2	„	„	16	2	„	„	52
1	„	„	21	1	„	„	53

Model No. 335 Ice Boat



Parts required:

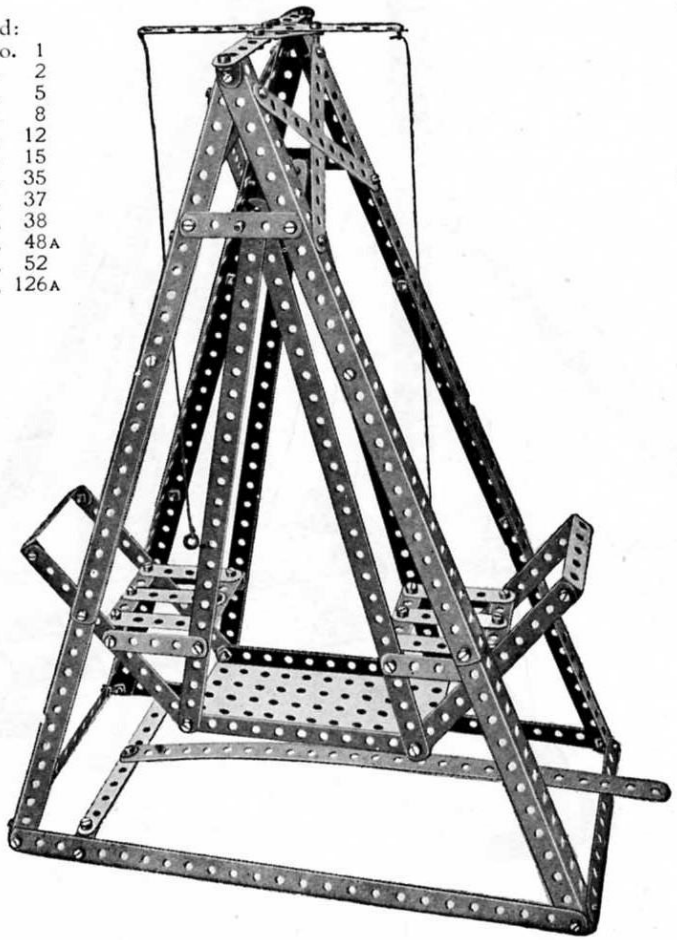
3	of No.		1	1	of No.		22
2	„	„	2	1	„	„	24
2	„	„	3	36	„	„	37
3	„	„	5	1	„	„	52
2	„	„	8	1	„	„	54
2	„	„	12	1	„	„	59
3	„	„	12A	1	„	„	62
1	„	„	17	1	„	„	63
1	„	„	19	2	„	„	126A

meccanoindex.co.uk

Model No. 336 Swing

Parts required:

7	of	No.	1
13	„	„	2
12	„	„	5
8	„	„	8
4	„	„	12
1	„	„	15
6	„	„	35
69	„	„	37
4	„	„	38
6	„	„	48A
1	„	„	52
1	„	„	126A

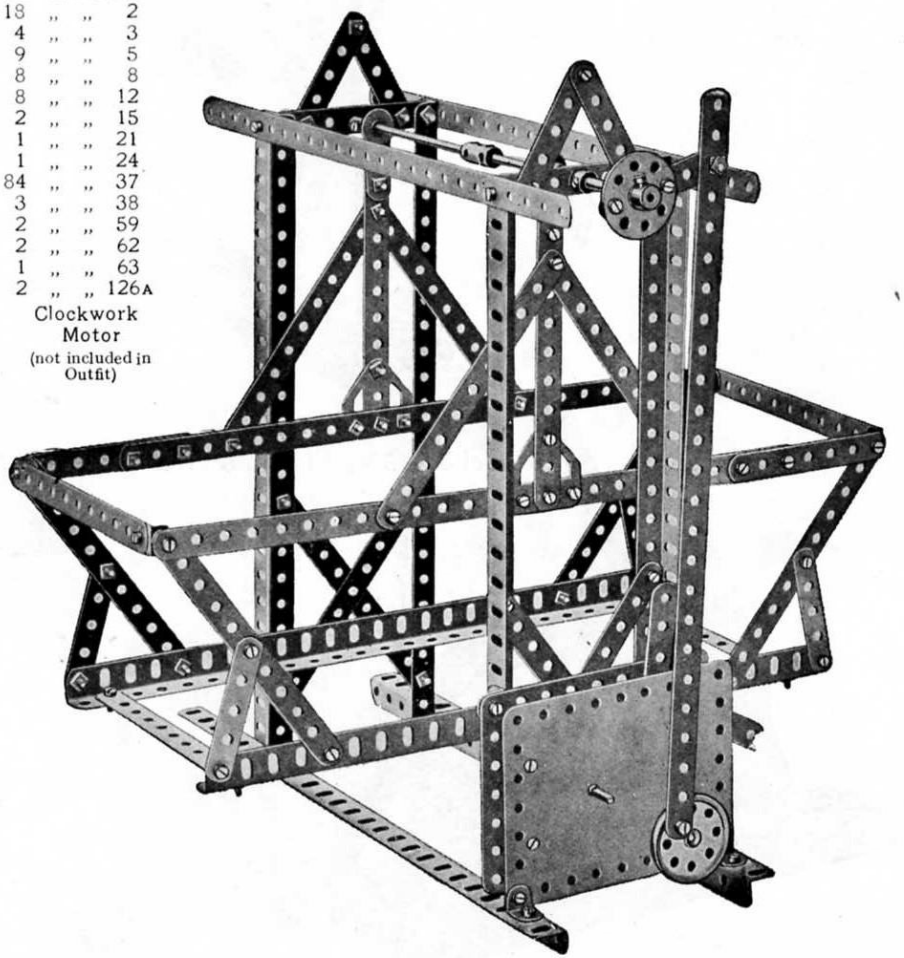


Model No. 337 Automatic Swing Boat

Parts required

5	of	No.	1
18	„	„	2
4	„	„	3
9	„	„	5
8	„	„	8
8	„	„	12
2	„	„	15
1	„	„	21
1	„	„	24
84	„	„	37
3	„	„	38
2	„	„	59
2	„	„	62
1	„	„	63
2	„	„	126A

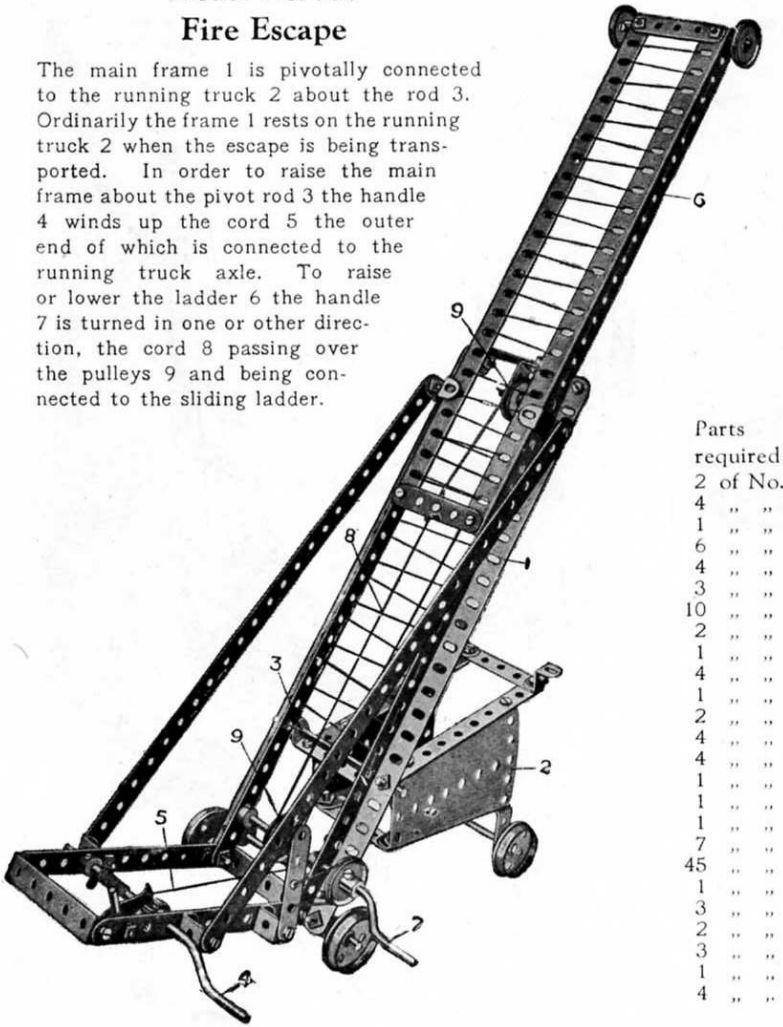
Clockwork Motor
(not included in Outfit)



meccanoindex.co.uk

Model No. 338
Fire Escape

The main frame 1 is pivotally connected to the running truck 2 about the rod 3. Ordinarily the frame 1 rests on the running truck 2 when the escape is being transported. In order to raise the main frame about the pivot rod 3 the handle 4 winds up the cord 5 the outer end of which is connected to the running truck axle. To raise or lower the ladder 6 the handle 7 is turned in one or other direction, the cord 8 passing over the pulleys 9 and being connected to the sliding ladder.

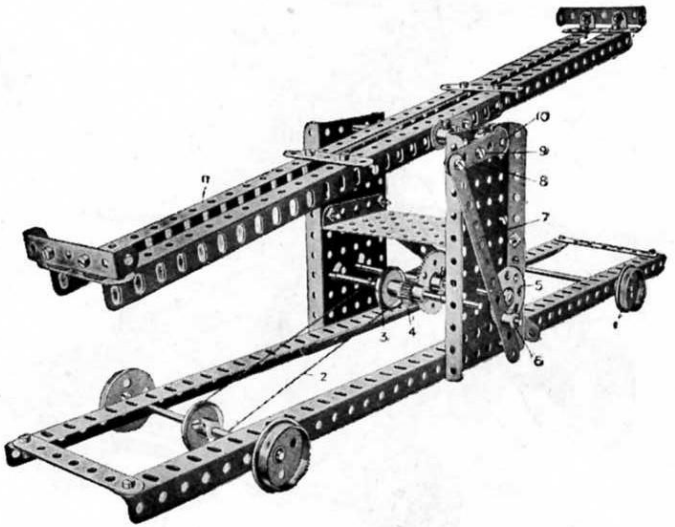


Parts required:

2	of No.		1
4	„	„	2
1	„	„	3
6	„	„	5
4	„	„	8
3	„	„	11
10	„	„	12
2	„	„	12A
1	„	„	15A
4	„	„	16
1	„	„	18A
2	„	„	19
4	„	„	20
4	„	„	22
1	„	„	22A
1	„	„	26
1	„	„	33
7	„	„	35
45	„	„	37
1	„	„	44
3	„	„	48A
2	„	„	54
3	„	„	59
1	„	„	115
4	„	„	125

Model No. 339 Actuated See-Saw

The see-sawing is actuated by the travelling action of the wheels 1. The spindle of the wheels is connected by the cord 2 to the pulley 3 on the spindle of the pinion 4 which drives a gear wheel on the spindle of the bush wheel 5. A threaded pin 6 on this wheel engages the strip 7 coupled to a lever strip 8 pivoted at 9 which rocks the pivot rod 10 of the see-saw 11.



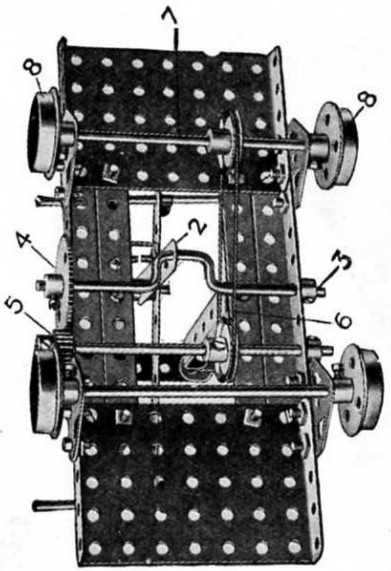
Parts required:

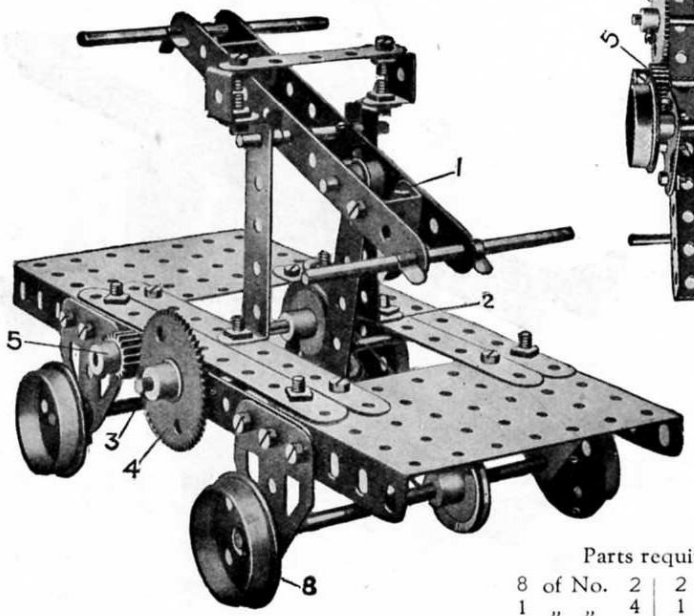
3	of No.		2	4	of No.		20	2	of No.		48A
2	„	„	3	2	„	„	22	2	„	„	52
5	„	„	5	1	„	„	24	1	„	„	53
8	„	„	8	1	„	„	26	3	„	„	59
4	„	„	12	1	„	„	27A	2	„	„	62
2	„	„	15	4	„	„	35	1	„	„	115
3	„	„	15A	36	„	„	37				

meccanoindex.co.uk

Model No. 340 Hand Trolley

The trolley is caused to travel by working the rocking lever 1 which is connected by a strip 2 to a crank shaft 3 a gear wheel 4 which meshes a pinion 5 on a rod coupled by a cord 6 to an axle rod 7 of the travelling wheels 8.





Parts required:

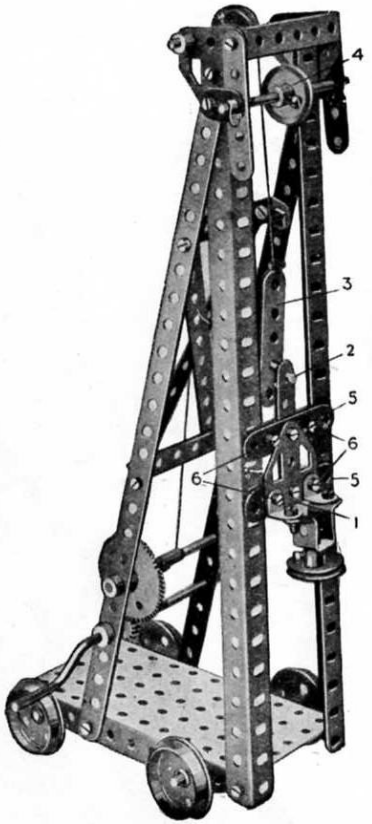
8	of No.	2	2	of No.	22
1	„ „	4	1	„ „	26
1	„ „	5	1	„ „	27A
4	„ „	11	6	„ „	35
3	„ „	15A	30	„ „	37
2	„ „	16	2	„ „	48A
1	„ „	17	2	„ „	53
1	„ „	18A	4	„ „	59
4	„ „	20	4	„ „	126A

1 of No. 134

Model No. 341 Pile Driver

Parts required:

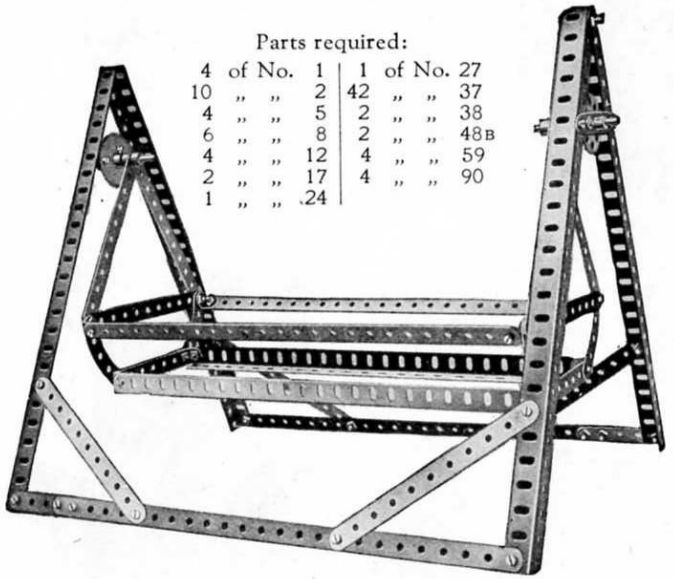
2	of No.	1
2	„ „	2
10	„ „	5
2	„ „	8
2	„ „	10
2	„ „	12
2	„ „	15A
3	„ „	16
1	„ „	19
4	„ „	20
3	„ „	22
1	„ „	26
1	„ „	27A
2	„ „	35
26	„ „	37
4	„ „	38
1	„ „	45
3	„ „	48A
1	„ „	52
4	„ „	59
1	„ „	115
3	„ „	126A



The driving head 1 is raised by means of a threaded pin 2 on two 2½" strips 3, the pin engaging in the first hole of the driving head. As the head is raised, the strip 3 makes contact with a pulley 4 and the latter pushes the strip rearwardly, disengaging the pin from the hole on the driving head, permitting it to fall. The cross strips 5 of the driving head are duplicated behind, spacing washers being inserted between them on the bolts 6 to allow free movement up and down the guide girders.

meccanoindex.co.uk

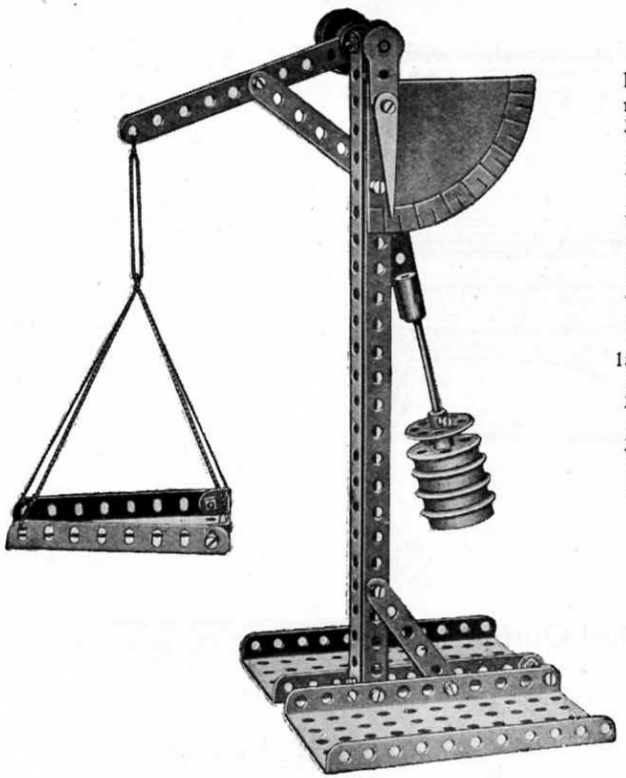
Model No. 342 Swing Cot



Parts required:

4	of No.	1	1	of No.	27
10	„ „	2	42	„ „	37
4	„ „	5	2	„ „	38
6	„ „	8	2	„ „	48B
4	„ „	12	4	„ „	59
2	„ „	17	4	„ „	90
1	„ „	24			

Model No. 343 Scales



Parts required:

2	of No.	2
1	„ „	3
2	„ „	4
1	„ „	5
2	„ „	8
1	„ „	11
1	„ „	15
1	„ „	17
4	„ „	20
1	„ „	22
1	„ „	24
15	„ „	37
1	„ „	48A
2	„ „	52
1	„ „	54
2	„ „	62
1	„ „	63
1	„ „	90

HOW TO CONTINUE

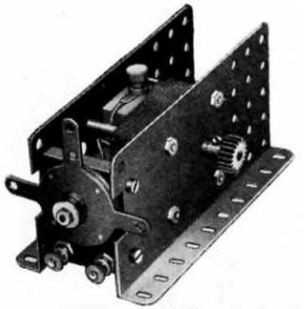
This completes the Models which may be made with MECCANO Outfit No. 3. The next Models are a little more advanced, requiring a number of extra parts to construct them. The necessary parts are all contained in a No. 3A Accessory Outfit, the price of which will be found in the List at the end of the Manual.

meccanoindex.co.uk

MECCANO ACCESSORY OUTFITS AND MOTORS

Meccano Accessory Outfits

Our illustration shows one of the Meccano Accessory Outfits. As has already been explained, these Outfits connect the main Outfits from No. 00 to No. 7, making it possible for a boy who commences with one of the earlier Outfits to build up his equipment by easy stages, until he is the possessor of parts that cover the entire system. For prices see page 62.



No. 1 Electric Motor
(4-Volt)

The 4-volt motor is specially designed to build into Meccano models. It may be run by 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.

For price see page 62.

No. 2 Electric Motor
(100-250 Volt AC or DC)

This 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 supplied for 100-120 volts or 200-250 volts (alternating or direct), and is fitted with 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.

For price see page 62.

Electrical Outfit

All Meccano boys are fascinated by electricity and never become tired of learning more about this wonderful subject. The application of electricity to the Meccano system adds a further and wonderful charm, and the joys of model-building are now increased by the fascinating pastime of carrying out delightful electrical experiments.

The Meccano Electrical Outfit contains a number of specially designed electrical parts which may be used in conjunction with any of the regular Outfits.

For price see page 62.

4-Volt Accumulator

This new and excellent type of accumulator has been adapted to drive the No. 1 Electric Motor. It has been subjected to the severest tests and has proved itself to be the most suitable accumulator for use with any type of electric motor. It is non-spillable, has remarkable recuperative powers, and will continue to supply current when nominally exhausted.

For price see page 62.

Clockwork Motor

How splendid it is, after spending hours in building a model, to be able to set it in motion with a motor, just as do real engineers! The Meccano Clockwork Motor is specially made for this purpose and is a fine piece of mechanism—simple, powerful, and reliable. It is fitted with starting and stopping levers, and has a reversing movement.

For price see page 62.

meccanoindex.co.uk

HORNBY CLOCKWORK TRAINS

HORNBY TRAINS are manufactured by Meccano Limited, and they are made from the finest materials obtainable. A most valuable feature of the Locos is that all the parts are standardised and any lost or damaged units may be replaced with new ones.

Each Train is a beautiful piece of workmanship with perfect mechanism, ensuring smooth running. A guarantee of efficiency is furnished with each Loco.

A HORNBY TRAIN LASTS FOR EVER!

No. 0 Passenger Set

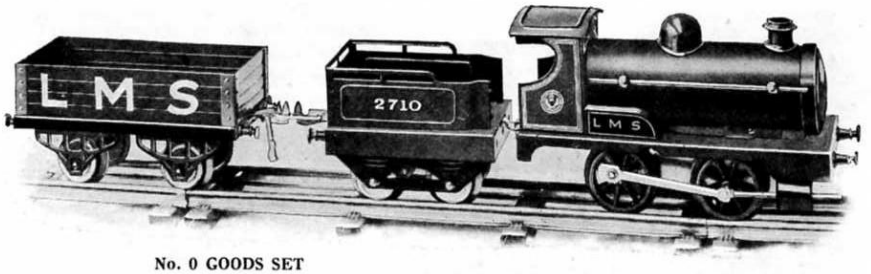
Each Set contains Loco, Tender, two Passenger Coaches and Rails to form either a circle 2 ft. in diameter or an oval 2 ft. in width by 2 ft. 10 in. in length. One of the curved rails is a brake rail by means of which the train may be braked from the track. The doors of the coaches open.

Gauge 0, in colours to represent the L.M.S. or L.N.E.R. Companies' rolling stock. Richly enamelled and highly finished; fitted with brake and governor; non-reversing.

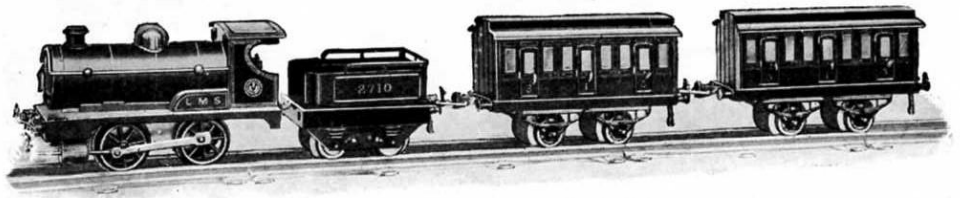
No. 0 Goods Set

The Goods Set is the same as the Passenger Set but contains one Wagon in place of Passenger Coaches. In colours to represent the L.M.S. or L.N.E.R. Companies' rolling stock. Gauge 0.

For prices see page 62.



No. 0 GOODS SET



No. 1 PASSENGER SET

No. 1 Passenger Set

Each Set contains Loco, Tender, and two Coaches, with 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 curved rails is a brake rail by means of which the train may be braked from the track. The Loco is fitted with reversing gear, brake and governor. In colours to represent the L.M.S. or L.N.E.R. Companies' rolling stock. The doors of the Coaches open. Gauge 0.

No. 1 Goods Set

This Set is similar in every way to No. 1 Passenger Set, except that it contains one Wagon in place of Coaches. Gauge 0.

For prices see page 62.

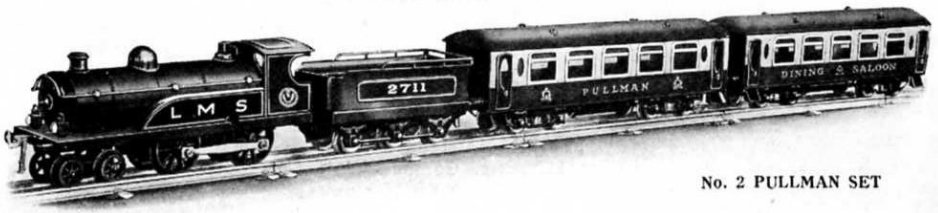
No. 2 Pullman Set

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. or L.N.E.R. Companies' rolling stock. The Loco is fitted with reversing gear, brake and governor. Gauge 0.

No. 2 Goods Set

This Set contains Loco, Tender, and Rails as in No. 2 Pullman Set, and two Wagons. Gauge 0.

For prices see page 62.

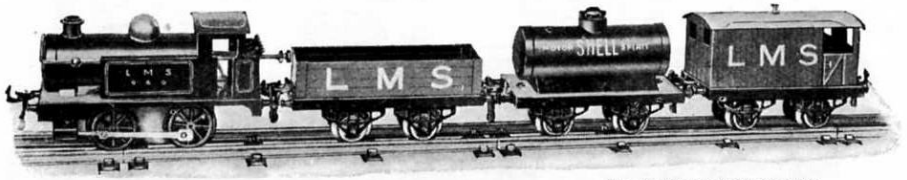


No. 2 PULLMAN SET

meccanoindex.co.uk

HORNBY CLOCKWORK TRAINS

THE following Hornby Tank Goods and Passenger Sets are entirely new features and are valuable additions to the popular range of Hornby Trains. Each set contains one of the famous Hornby Tank Locos with attractive rolling stock.



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 curved 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. or L.N.E.R. Companies' rolling stock. The loco is fitted with reversing gear, brake and governor.

For price see page 62.

No. 2 Tank Goods Set

The famous No. 2 Hornby Tank Loco is included in this set. It is 11½ in. in length and is fitted at both ends with a four-wheeled bogie. In addition the set includes a Hornby Wagon, a Petrol Tank Wagon, a No. 1 Cattle Truck and a Brake Van, with a set of rails to form a circle 4 ft. in diameter. The rails include one brake rail by means of which the train may be both braked and reversed from the track.

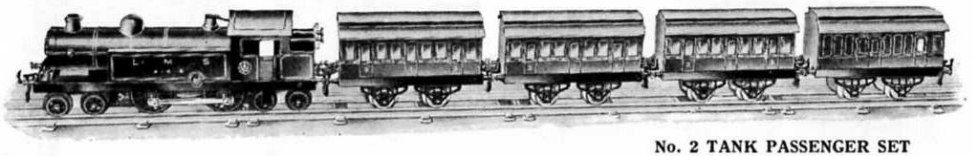
Gauge 0, in colours to represent the L.M.S. or L.N.E.R. Companies' rolling stock. The loco is fitted with reversing gear, brake and governor.

For price see page 62.

No. 2 Tank Passenger Set

This set contains a No. 2 Hornby Tank Loco and rails as in the No. 2 Goods set, but three Passenger Coaches and one Guard's Van are included in place of the wagons and vans.

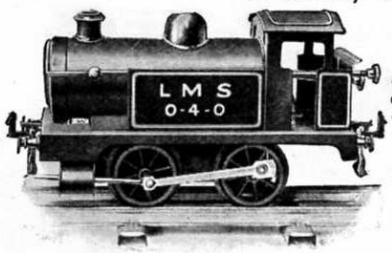
Gauge 0, in colours to represent the L.M.S. or L.N.E.R. Companies' rolling stock. *For price see page 62.*



No. 2 TANK PASSENGER SET

HORNBY TANK LOCOS

Hornby No. 1 Tank Loco



A strong and durable Loco capable of any amount of hard work; richly enamelled and highly finished; fitted with brake, governor and reversing gear.

Gauge 0, in colours to represent L.M.S. or L.N.E.R. Companies' locos.

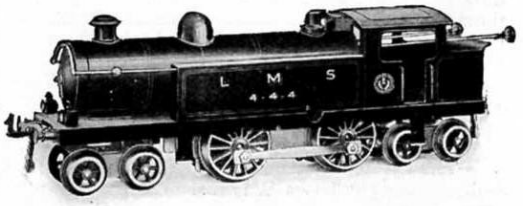
For price see page 62.

Hornby No. 2 Tank Loco

The Hornby No. 2 Tank Loco is a splendid model. It is 11½ in. in length and is fitted at both ends with a four-wheeled bogey.

Beautifully finished in colours to represent L.M.S. or L.N.E.R. Companies' locos. Fitted with reversing gear, brake and governor.

For price see page 62.

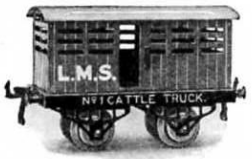


meccanoindex.co.uk

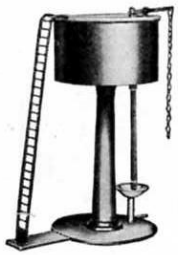
Rolling Stock and Accessories for Trains

(Hornby Series)

* BRAKE VAN
Finished in grey and black.
Price 4/–

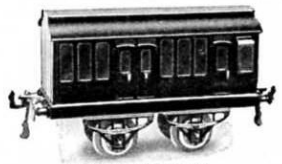


* No. 1 CATTLE TRUCK
Fitted with sliding door.
Very realistic design. Price 4/–

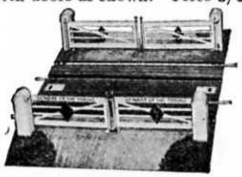


WATER TANK
Brightly coloured. Stands 8½in. high. Fitted with flexible tube and valve lever ... Price 6/6

BISCUIT VAN
(Jacob's, Crawford's, Carr's).
Finished in colour. Price 4/–



* GUARD'S VAN
Realistic design, fitted each side with doors as shown. Price 3/6

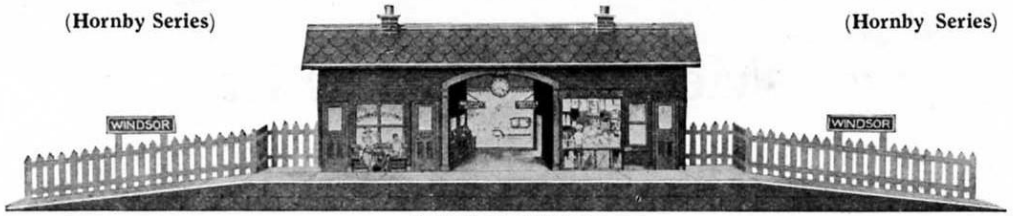


LEVEL CROSSING
Beautifully designed in colour. Measures 11½×7½in. with Gauge 0 rails in position. Price 6/6

ROTARY TIPPING WAGON
Finished in grey and green.
Price 4/–

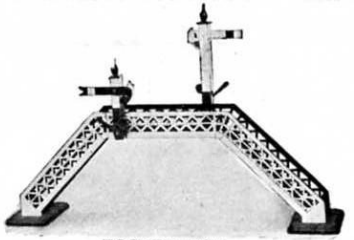
PLATFORM ACCESSORIES
No. 1. Miniature Luggage.
Price per set 2/–

(Hornby Series)



RAILWAY STATION
Excellent model, beautifully designed and finished. Dimensions: Length 2ft. 9in., breadth 6in., height 7in. Price 12/6

SIGNAL CABIN
Dimensions: Height 6½in., Width 3½in., Length 6½in. Finished in colour and lettered "Windsor." Roof and back open to allow signal levers to be fitted inside cabin if desired. Price 6/6



FOOTBRIDGE
No. 1. With detachable Signals Price 6/–
No. 2. Without Signals ... ,, 3/6
Signals only ... per pair 2/9

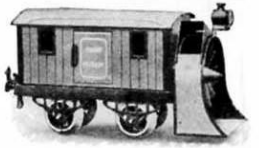
PLATFORM ACCESSORIES
No. 3. Platform Machines, etc.
Price per set 2/–

TUNNEL
Realistic and finished in colours.
Price 7/6

SECCOTINE WAGON
Beautifully finished in blue. Lettered white ... Price 4/–

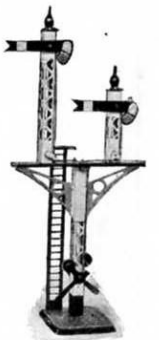
* REFRIGERATOR VAN
Enamelled in white.
Lettered black. Price 4/–

PLATFORM ACCESSORIES
No. 2. Milk Cans and Truck.
Price per set 2/–



*SNOW PLOUGH
With revolving plough driven from front axle ... Price 5/6

PETROL TANK WAGON
"SHELL"
Finished in red. Price 3/–



JUNCTION SIGNAL
Signal arms operated by levers at base. Very realistic model standing 14in. in height.
Price 5/6

* GUNPOWDER VAN
Finished in red. Price 4/–

There are now over 50 items of Rolling Stock and Accessories in the Hornby Series, some of which are illustrated and described above. Send for a complete illustrated price list.

* *Lettered L.M.S. or L.N.E.R.*

meccanoindex.co.uk

Meccano Price List

MECCANO OUTFITS

No. 00	Meccano Outfit	3/6
„ 0	„ „	5/–
„ 1	„ „	8/6
„ 2	„ „	15/–
„ 3	„ „	22/6
„ 4	„ „	40/–
„ 5*	„ „ (Carton)	55/–
„ 5*	„ Presentation Outfit	85/–
„ 6*	„ Outfit (Carton)	105/–
„ 6*	„ Presentation Outfit	140/–
„ 7	„ „ „	370/–

ACCESSORY OUTFITS

No. 00A Meccano Outfit	1/6
„ 0A „ „	4/–
„ 1A „ „	7/6
„ 2A „ „	8/6
„ 3A „ „	18/6
„ 4A „ „	15/–
„ 5A* „ „ (Carton)	50/–
„ 5A* „ „ (Wood)	80/–
„ 6A „ „ „	210/–
Meccano Clockwork Motor	7/6
No. 1 Meccano Electric Motor (4 Volt)	15/6
„ 2 „ „ „ (100-120 or 200-250 Volt)	32/6
Lamp Board (with lamp-holder and switch)	4/6
Meccano Electrical Outfit X2	42/–
Meccano Accumulator	17/6

* 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.

Hornby Train Price List

Complete Sets

Hornby No. 0	Goods Set 17/6
„ „ 0	Passenger Set 24/–
„ „ 1	Goods Set 21/–
„ „ 1	Passenger Set 27/6
„ „ 2	Goods Set 37/6
„ „ 2	Pullman Set 60/–
„ „ 1	Tank Goods Set 25/–
„ „ 2	Tank Goods Set 45/–
„ „ 2	Tank Passenger Set 45/–
„	Electric Train 110/–

Components

Hornby No. 0	Locomotive 10/6
„ „ 1	Locomotive 13/6
„ „ 2	Locomotive 22/6
„	Electric Locomotive 52/6
„	No. 1 Tank Locomotive 12/6
„ „	2 Tank Locomotive 30/–
„	Tender (For No. 0 and No. 1 Sets) 2/6
„	Tender (For No. 2 Set) 3/6
„	Passenger Coach (For No. 0 and No. 1 Sets and No. 2 Tank Passenger Sets) 3/6
„	Pullman Coach (For No. 2 Train Set) .. 15/–
„	Wagon (For all Sets) 2/6

Note.—The additional rolling stock included in the Hornby Tank Sets is listed on page 61.

CONTENTS OF OUTFITS

No.	Description of Part.	00	00A	0	0A	1	1A	2	2A	3	3A	4	4A	5	5A	6	6A	7
1	Perforated Strips, 12½"	—	—	—	4	4	6	10	—	10	2	12	4	16	32	48	2	50
1A	" " 9½"	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2	10	12
1B	" " 7½"	—	—	—	—	—	—	—	—	—	—	—	—	—	4	4	—	4
2	" " 5½"	4	—	4	3	7	7	14	4	18	3	21	5	26	24	50	25	75
2A	" " 4½"	—	—	—	—	—	—	—	—	—	2	2	2	4	—	4	8	12
3	" " 3½"	—	—	—	1	1	1	2	4	6	—	6	6	12	12	24	—	24
4	" " 3"	—	—	—	—	—	—	—	2	2	4	6	2	8	4	12	24	36
5	" " 2½"	9	—	9	—	9	3	12	—	12	6	18	18	36	—	36	84	120
6	" " 2"	—	—	—	—	—	—	—	—	—	—	—	4	4	20	24	12	36
6A	" " 1½"	—	—	—	—	—	2	2	—	2	—	2	4	6	8	14	—	14
7	Angle Girders, 24½"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12	12
7A	" " 18½"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6	6
8	" " 12½"	—	—	—	—	—	4	4	4	8	—	8	6	14	12	26	—	26
8A	" " 9½"	—	—	—	—	—	—	—	—	—	—	—	4	4	2	6	6	12
8B	" " 7½"	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2	2	4
9	" " 5½"	—	—	—	—	—	—	—	—	—	4	4	—	4	14	18	6	24
9A	" " 4½"	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2	6	8
9B	" " 3½"	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2	5	7
9C	" " 3"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	3
9D	" " 2½"	—	—	—	—	—	—	—	—	—	—	—	1	1	5	6	—	6
9E	" " 2"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2
9F	" " 1½"	—	—	—	—	—	—	—	—	—	—	—	—	—	4	4	—	4
10	Flat Brackets	4	1	5	—	5	3	8	—	8	—	8	4	12	4	16	8	24
11	Double Brackets	—	2	2	—	2	2	4	—	4	1	5	3	8	—	8	4	12
12	Angle Brackets, ½"×½"	6	2	8	—	8	4	12	2	14	8	22	14	36	12	48	48	96
12A	" " 1"×1"	—	—	—	—	—	2	2	1	3	1	4	—	4	4	8	12	12
12B	" " 1"×½"	—	—	—	—	—	—	—	—	—	—	—	—	—	4	4	—	4
13	Axle Rods, 11½"	—	—	—	—	—	—	—	—	—	2	2	—	2	1	3	1	4
13A	" " 8"	—	—	—	—	—	—	—	—	—	1	1	—	1	3	4	9	13
14	" " 6½"	—	—	—	—	—	—	—	—	—	3	3	—	3	3	6	7	13
15	" " 5"	—	—	—	—	—	2	2	—	2	2	4	—	4	—	4	2	6
15A	" " 4½"	—	—	—	—	—	1	1	2	3	2	5	—	5	1	6	—	6
16	" " 3½"	2	—	2	1	3	1	4	—	4	1	5	—	5	2	7	5	12
16A	" " 2½"	—	—	—	—	—	—	—	—	—	—	—	—	—	4	4	—	4
16B	" " 3"	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2	—	2
17	" " 2"	2	—	2	—	2	—	2	—	2	3	5	—	5	4	9	3	12
18A	" " 1½"	—	—	—	1	1	1	2	—	2	2	4	—	4	—	4	5	9
18B	" " 1"	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2	5	7
19	Crank Handles	1	—	1	—	1	—	1	1	2	—	2	—	2	2	4	—	4
19A	Wheels, 3"	—	—	—	—	—	—	—	—	—	—	—	4	4	—	4	—	4
19B	Pulley Wheels, 3"	—	—	—	—	—	—	—	1	1	—	1	1	2	—	2	2	4
20	Flanged Wheels	—	—	—	—	—	4	4	—	4	4	8	—	8	—	8	4	12
20A	Pulley Wheels, 2"	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	5	6
21	" " 1½"	—	—	—	—	—	—	—	1	1	—	1	1	2	—	2	2	4
22	" " 1" (Fast)	4	—	4	—	4	—	4	—	4	—	4	—	4	2	6	4	10
22A	" " 1" (Loose)	—	—	—	2	2	—	2	—	2	1	3	—	3	1	4	11	15
23	" " ½" (Loose)	1	—	1	—	1	—	1	—	1	2	3	—	3	1	4	6	10
23A	" " ½" (Fast)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	4
24	Bush Wheels	1	—	1	—	1	—	1	—	1	1	2	—	2	3	5	—	5
25	Pinion Wheels, ¾"	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2	3	5
26	" " ½"	—	—	—	—	—	—	—	2	2	—	2	1	3	2	5	4	9
27	Gear Wheels, 50 Teeth	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2	3	5
27A	" " 57 "	—	—	—	—	—	—	—	1	1	—	1	1	2	1	3	4	7
27B	" " 133 " (3½" diam.)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
28	Contrate Wheels, 1½"	—	—	—	—	—	—	—	—	—	1	1	—	1	1	2	—	2
29	" ¾"	—	—	—	—	—	—	—	—	—	2	2	—	2	—	2	2	4
30	Bevel Gears	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	4
31	Gear Wheels, 1", 38 Teeth	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	3
32	Worm Wheels	—	—	—	—	—	—	—	1	1	—	1	—	1	1	2	—	2
34	Spanners	—	—	1	1	1	—	1	—	1	1	2	—	2	—	2	—	2
35	Spring Clips	4	2	6	2	8	4	12	—	12	6	18	—	18	6	24	12	36
36	Screw Drivers	1	1	1	—	1	—	1	—	1	—	1	—	1	—	1	—	1
36A	" " (extra long)	—	—	—	—	—	—	—	—	—	—	—	1	1	—	1	—	1
37	Nuts and Bolts	20	5	25	5	30	25	55	35	90	40	130	45	175	145	320	280	600
38	Washers	—	6	6	—	6	6	12	—	12	12	24	—	24	12	36	164	200
40	Hanks of Cord	1	—	1	—	1	1	2	1	3	1	4	2	6	—	6	—	6
41	Propeller Blades	—	—	—	—	—	—	—	—	—	—	—	2	2	2	4	—	4
43	Springs	—	—	—	—	—	—	—	—	—	1	1	—	1	1	2	13	15
44	Cranked Bent Strips	1	—	1	—	1	—	1	—	1	—	1	—	1	1	2	1	3
45	Double Bent Strips	—	—	—	—	—	1	1	—	1	2	3	—	3	3	6	—	6
46	Double Angle Strips, 2½"×1"	—	—	—	—	—	—	—	1	1	1	2	2	4	—	4	—	4
	" " " 2½"×½"	—	—	—	—	—	—	—	—	—	—	—	1	1	1	2	—	2
47A	" " " 3"×1½"	—	—	—	—	—	—	—	—	—	—	—	2	2	2	4	—	4
48	" " " 1½"×½"	—	—	—	—	—	—	—	—	—	2	2	—	2	2	4	—	4
48A	" " " 2½"×½"	2	2	4	2	6	2	8	2	10	—	10	—	10	4	14	4	18
48B	" " " 3½"×½"	—	—	—	—	—	—	—	2	2	4	6	—	6	1	7	5	12
48C	" " " 4½"×½"	—	—	—	—	—	—	—	—	—	—	—	—	—	3	3	—	3
48D	" " " 5½"×½"	—	—	—	—	—	—	—	—	—	2	2	2	4	—	4	1	5
50	Eye Pieces	—	—	—	—	—	—	—	—	—	—	—	1	1	2	3	—	2
52	Perforated Flanged Plates, 5½"×2½"	1	—	1	—	1	—	1	1	2	—	2	2	4	3	7	—	7
52A	Flat Plates, 5½"×3½"	—	—	—	—	—	—	—	—	—	—	—	2	2	—	2	6	8
53	Perforated Flanged Plates, 3½"×2½"	—	—	—	—	—	—	—	3	3	2	5	—	5	3	8	2	10
53A	Flat Plates, 4½"×2½"	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	2	3
54	Perforated Flanged Plates (Sector)	—	1	1	1	2	—	2	—	2	1	3	—	3	1	4	—	4
56	Instruction Manuals	1	1	1	1	1	—	1	—	1	1	1	—	1	1	2	—	2
57	Hooks	1	—	1	—	1	—	1	—	1	—	1	1	2	4	6	11	17
57A	" (Scientific)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6	6
57B	" (Loaded)	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	1	2
58	Spring Cord, 40" length	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	1
59	Collars with Set Screws	—	—	—	—	—	—	—	4	4	6	10	3	13	10	23	32	55
61	Windmill Sails	—	—	—	—	—	—	—	—	—	4	4	—	4	—	4	—	4
62	Cranks	—	—	—	—	2	2	—	2	—	2	—	—	2	2	4	11	15
62A	Threaded Cranks	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2	—	2
63	Couplings	—	—	—	—	—	—	—	1	1	5	6	—	6	3	9	4	13
63A	Octagonal Couplings	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
63B	Strip Couplings	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2	—	2
64	Threaded Bosses	—	—	—	—	—	—	—	—	—	—	—	—	—	3	3	5	8
65	Centre Forks	—	—	—	—	—	—	—	—	—	1	1	—	1	1	2	4	6

[Continued Overleaf

meccanoindex.co.uk

Contents of Outfits—*continued*

No.	Description of Part.	00	00A	0	0A	1	1A	2	2A	3	3A	4	4A	5	5A	6	6A	7
66	Weights, 50 Gramme	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5	5
67	" 25 "	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5	5
70	Flat Plates, 5½"×2½"	—	—	—	—	—	—	—	—	—	—	—	1	1	5	6	—	6
72	" " 2½"×2½"	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2	2	4
76	Triangular Plates, 2½"	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2	2	4
77	" 1"	—	—	—	—	—	—	—	—	—	2	2	—	2	2	4	6	10
78	Screwed Rods, 11½"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2
80	" " 5"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2
80A	" " 3½"	—	—	—	—	—	—	—	—	—	1	1	—	1	1	2	—	2
80B	" " 4½"	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2	—	2
81	" " 2"	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	1	2
82	" " 1"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	4
89	Curved Strips, 5½"	—	—	—	—	—	—	—	—	—	—	—	4	4	2	6	—	6
90	" 2½"	—	—	—	—	—	—	—	4	4	—	4	2	6	10	16	—	16
94	Sprocket Chain	—	—	—	—	—	—	—	—	—	3′	3′	—	3′	5′	8′	7′	15′
95	Sprocket Wheels, 2"	—	—	—	—	—	—	—	—	—	1	1	1	2	1	3	—	3
95A	" " 1½"	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	3	4
95B	" " 3"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2
96	" " 1"	—	—	—	—	—	—	—	—	—	2	2	—	2	2	4	6	10
96A	" " ¾"	—	—	—	—	—	—	—	—	—	—	—	—	—	3	3	—	3
97	Braced Girders, 3½"	—	—	—	—	—	—	—	—	—	—	—	—	—	4	4	1	5
98	" " 2½"	—	—	—	—	—	—	—	1	1	—	1	—	1	7	8	—	8
99	" " 12½"	—	—	—	—	—	—	—	—	—	4	4	—	4	4	8	10	18
99A	" " 9½"	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2	—	2
100	" " 5½"	—	—	—	—	—	2	2	—	2	4	6	1	7	1	8	8	16
101	Healds for Looms	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	48	48
102	Single Bent Strips	—	—	—	—	—	—	—	—	—	—	—	2	2	—	2	2	4
103	Flat Girders, 5½"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6	6
103A	" " 9½"	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2	—	2
103B	" " 12½"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2
103D	" " 3½"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	3
103F	" " 2½"	—	—	—	—	—	—	—	—	—	2	2	—	2	—	2	—	2
103H	" " 1½"	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	1	2
103K	" " 7½"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2
104	Shuttles for Looms	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
105	Reed Hooks	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
106	Wood Rollers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2
106A	Sand Rollers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
107	Designing Tables	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
108	Architraves	—	—	—	—	—	—	—	—	—	2	2	—	2	2	4	4	8
109	Face Plates, 2½"	—	—	—	—	—	—	—	—	—	1	1	—	1	1	2	2	4
110	Rack Strips, 3½"	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2	2	4
111	Bolts, ¾"	—	—	—	—	—	—	—	2	2	1	3	—	3	—	3	4	7
111A	" ½"	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	1
113	Girder Frames	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	4
114	Hinges	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2
115	Threaded Pins	—	—	—	—	—	1	1	—	1	1	2	—	2	—	2	6	8
116	Fork Pieces	—	—	—	—	—	—	—	1	1	—	1	—	1	1	2	—	2
118	Hub Discs (5½" diam.)	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	1
119	Channel Segments	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8	8
120A	Spring Buffers	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	4
122	Miniature Loaded Sacks	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12	12
123	Cone Pulleys	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	1
124	Reversed Angle Brackets, 1"	—	—	—	—	—	—	—	—	—	—	—	—	—	4	4	—	4
125	" " " ½"	2	—	2	—	2	2	4	—	4	—	4	—	4	—	4	—	4
126	Trunnions	—	—	—	—	—	—	—	—	—	—	—	—	—	3	3	1	4
126A	Flat Trunnions	2	—	2	—	2	—	2	2	4	—	4	1	5	—	5	3	8
128	Boss Bell Cranks	—	—	—	—	—	—	—	—	—	—	—	1	1	1	2	—	2
129	Rack Segments (3" diam.)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	4
130	Triple Throw Eccentrics	—	—	—	—	—	—	—	—	—	2	2	—	2	—	2	—	2
131	Dredger Buckets	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5	5
132	Flywheels, 2¾"	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
133	Corner Brackets	—	—	—	—	—	—	—	—	—	—	—	—	—	8	8	—	8
134	Crank Shafts, 1" stroke	—	—	—	—	—	—	—	1	1	—	1	—	1	—	1	—	1
135	Theodolite Protractors	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	1
136	Handrail Supports	—	—	—	—	—	—	—	—	—	—	—	—	—	4	4	—	4
137	Wheel Flanges	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	3	4
138	Ship's Funnels	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2
143	Circular Girders (5½" diam.)	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	1
144	Dog Clutches	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	1
145	Circular Strips (7" diam. over all)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
147	Pawl, with pivot bolt and two nuts	—	—	—	—	—	—	—	1	1	—	1	—	1	1	2	—	2
147B	Pivot bolt with two nuts	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	4
148	Ratchet Wheels	—	—	—	—	—	—	—	1	1	—	1	—	1	1	2	—	2
149	Electric Collecting Shoe	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	1
301	Bobbins	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2
302	Bushes, Insulating	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12	12
303	Washers "	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	12	12
304	6 B.A. Screws	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	14	14
305	6 B.A. Nuts	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	30	30
306	Terminals	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	4
307	Contact Screws	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2
308	Pole Pieces	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2
309	Coil Cheeks	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2
310	Lamp Holder	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
311	Lamps	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
312	27 Gauge B.I. Wire 30" Coil	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
313	26 " S.C.C. Wire Reel, 50 yds.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
314	23 " " " " 25 "	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
315	Bare Copper Wire, 4 yd. Coil	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
	Electrical Manual of Instructions	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
	Loom Leaflets	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
	Chassis "	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
	Charging Board Leaflets	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
	Clockwork Motors	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
	Electric Motors (4-volt)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
	Accumulators	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1

meccanoindex.co.uk

meccanoindex.co.uk

meccanoindex.co.uk

MECCANO

Hornby's Original System, First Patented 1901

PATENTS AND DESIGNS, GREAT BRITAIN:

3,869/14	22,962/13	648,958	680,416	686,112
4,183/14	139,125	671,484	682,208	698,054
4,564/15	177,430	671,485	682,209	699,653
20,535/13	577,207	671,534	682,934	699,654
21,117/12	577,272	671,790	683,011	

Meccano is more than a Toy

IT is important to remember that when a boy is playing with MECCANO he is using engineering parts in miniature, and that these parts act in precisely the same way as do the corresponding engineering elements in actual practice. No other system of model construction can be correct, and other toys which attempt the same object by other methods must avail themselves of constructive elements which are not correct engineering elements. Consequently, though a boy may succeed in building playthings with them, they are merely toys and nothing else, and his mind, as regards proper mechanical construction and methods, is distorted instead of instructed. He thus learns wrong principles, and when his ambition tempts him to invent or construct more elaborate models, he will find that he cannot do so because of the deficiencies of his non-mechanical system.

No Outfit is genuine unless it bears the Trade Mark MECCANO