

# MECCANO

TRADE MARKS 296321, 501113, 76, 12633, 10274, 55/13476, 569/13, 884/25, 2913, 80, 124, 336, 4174, 91637, 83171, 157149, 32822, 200639, 209733, 214061, 214062, 12892, 29094, 33316, 1818, 16737, 383/13, 5848, 50204, 10/12258, 22826, 18982, 20063/925, 9048, 5549, 2189, 16900, 72286, 2389, 41812, 5403, 7315, 18066, 139420, 494933-4-5-6, 29041, 26877, 6595, 404718, 410379

HORNBY'S ORIGINAL SYSTEM—FIRST PATENTED 1901



## INSTRUCTIONS



FOR BUILDING No. 0 OUTFIT MODELS

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No. 31 00A

ENGLISH EDITION



# MECCANO

This Meccano 00A Accessory Outfit converts your No. 00 Outfit into a No. 0, and enables you to build the splendid models illustrated in this Manual. As a Meccano enthusiast, you will realise that our examples do not exhaust the possibilities of your Outfit. It is no exaggeration to say that the possibilities of Meccano are limitless—there is always something new that you can invent and build, and most models can be constructed in many alternative ways. In addition to the fascination and satisfaction obtained by building new models, you can enter them in the model-building competitions that are a regular feature of the "Meccano Magazine." These competitions are open to all Meccano boys, and valuable prizes are offered.

## The "Meccano Magazine"

The "Meccano Magazine" is essential to the full enjoyment of the Meccano hobby. A section of it is devoted to the Editor's replies to his readers' enquiries; the progress of Meccano clubs throughout the world is reported; and full details are given of the latest model-building achievements. In addition, a wealth of informative articles on all subjects of interest to boys is included in every issue. The publishing date is the first of each month. If you are not already a reader of the "Meccano Magazine" write to the Editor for full particulars, or order a copy from your Meccano dealer or from any newsagent.

## How to Progress Further

When you desire to build the bigger and better models that the No. 1 Outfit makes, it is only necessary for you to purchase a No. 0A Accessory Outfit. In turn, a No. 1A Accessory Outfit will convert your equipment into No. 2, and so on. As you progress by these easy stages, you will obtain an increasing variety of perfectly-made engineering parts—Gear Wheels, Pulleys, Worms, Couplings, Cranks and many others—until ultimately you attain the ambition of every Meccano enthusiast and possess a No. 7 Outfit.

## CONTENTS OF No. 0 OUTFIT

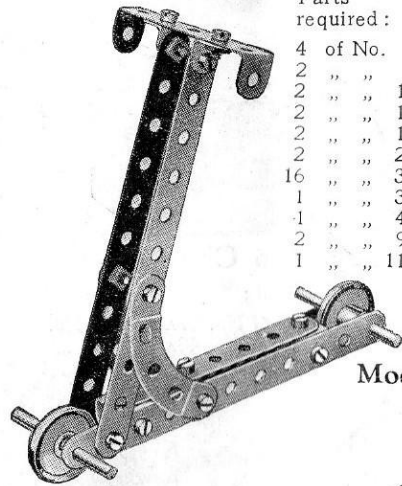
(No. 00 Outfit and No. 00A Accessory Outfit combined)

No.	Quantity.	No.	Quantity.	No.	Quantity.
2. $5\frac{1}{2}$ " Perforated Strips ..	4	23. $\frac{1}{2}$ " Pulley Wheel (without Set-screw) 1	1	48A. $2\frac{1}{2}$ " $\times$ $\frac{1}{2}$ " Double Angle Strips ..	2
5. $2\frac{1}{2}$ " " " ..	9	24. Bush Wheel .. .. .	1	52. Perforated Flanged Plate, $5\frac{1}{2}$ " $\times$ $2\frac{1}{2}$ " 1	
10. Flat Brackets .. .. .	4	34. Spanner .. .. .	1	56B. Manual of Instructions No. 0 ..	1
11. Double " " .. .. .	2	35. Spring Clips .. .. .	6	57. Hook .. .. .	1
12. Angle " $\frac{1}{2}$ " $\times$ $\frac{1}{2}$ " .. ..	8	36. Screwdriver .. .. .	1	90A. Curved Strips, $2\frac{1}{2}$ " Small Radius	4
16. $3\frac{1}{2}$ " Axle Rods .. .. .	2	37. Nuts and Bolts, $\frac{7}{32}$ " .. ..	16	111c. Bolts, $\frac{3}{8}$ " .. .. .	6
17. 2" " " .. .. .	2	37A. Nuts .. .. .	6	125. $\frac{1}{2}$ " Reversed Angle Brackets ..	2
19s. Crank Handle, Small $3\frac{1}{2}$ " Shaft	1	40. Hank of Cord .. .. .	1	126. Trunnions .. .. .	2
22. 1" Pulley Wheels (with Set-screw)	4	44. Cranked Bent Strip .. ..	1	126A. Flat Trunnions .. .. .	2

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

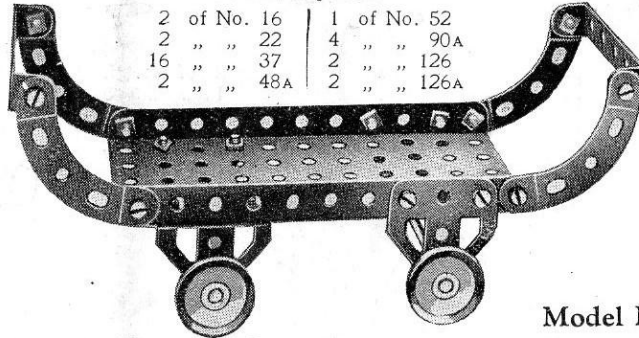
**Model No. 0.1 Scooter**Parts  
required :

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

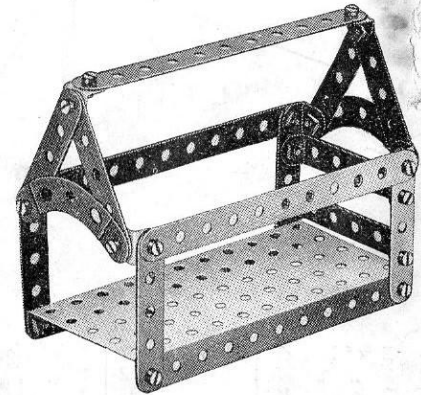
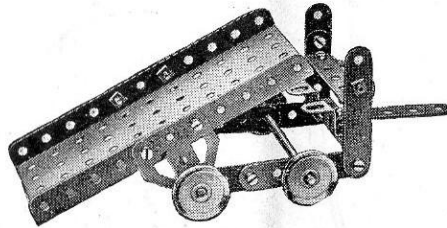
**Model No. 0.4 Push Cart**

Parts required :

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

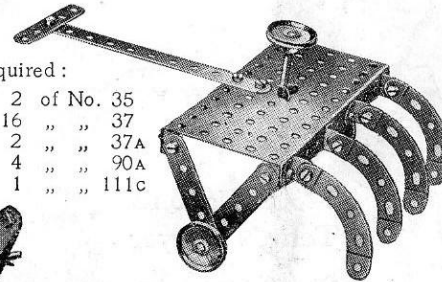
**Model No. 0.7 Dog Kennel**Parts  
required :

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

**Model No. 0.3 Tipping Cart****Model No. 0.5 Horse Rake**

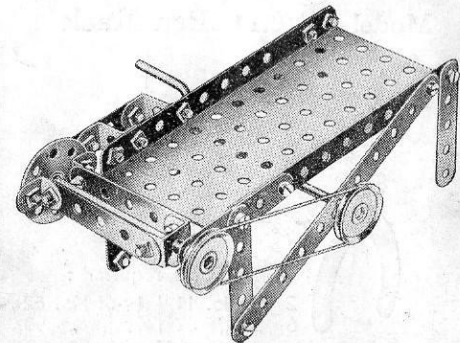
Parts required :

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

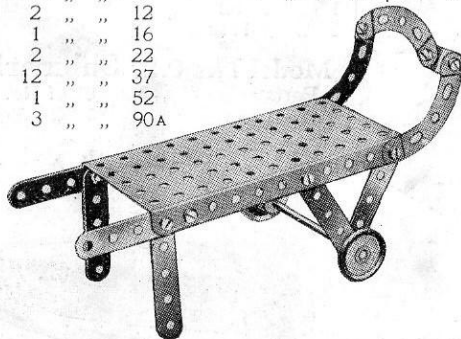
**Model No. 0.8 Chaff Cutter**

Parts required :

2	of No.	2	1	of No.	24
8	" "	5	2	" "	35
1	" "	11	16	" "	37
2	" "	12	5	" "	37A
1	" "	16	1	" "	40
1	" "	19s	1	" "	52
2	" "	22	5	" "	111c
2 of No. 125					

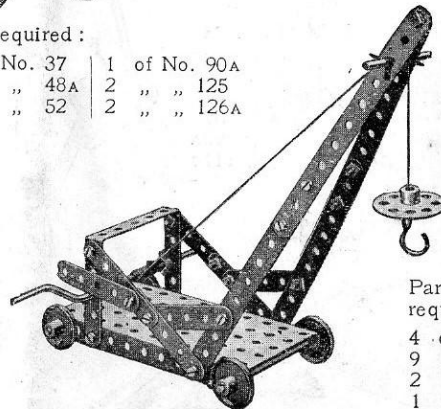
**Model No. 0.2 Luggage Truck**Parts  
required :

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



Parts required :

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

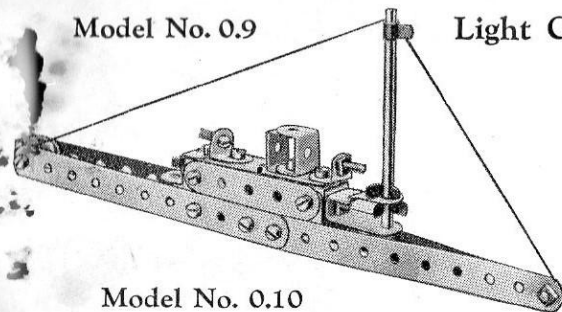
**Model No. 0.6 Jib Crane**Parts  
required :

1	of No.	19s
4	" "	22
1	" "	23
1	" "	24
4	" "	35
16	" "	37
1	" "	37A
1	" "	40
1	" "	48A
9	" "	52
2	" "	16
1	" "	17
1	" "	111c

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

Model No. 0.9

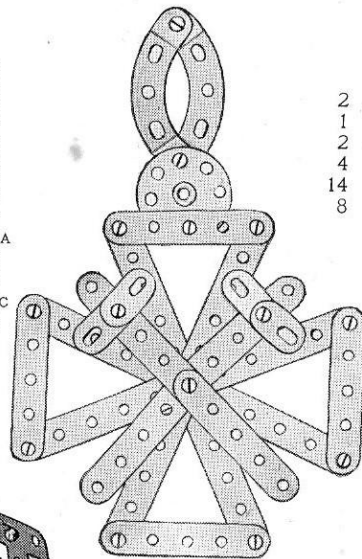
Light Cruiser



Parts  
required :

4	of No.	2
3	" "	5
4	" "	10
2	" "	11
7	" "	12
1	" "	16
3	" "	35
16	" "	37
6	" "	37A
1	" "	40
1	" "	44
6	" "	111c
1	" "	125

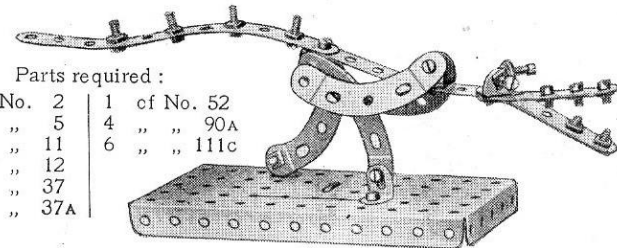
Model No. 0.13 Medal



Parts  
required :

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

Model No. 0.14 Prehistoric Bird



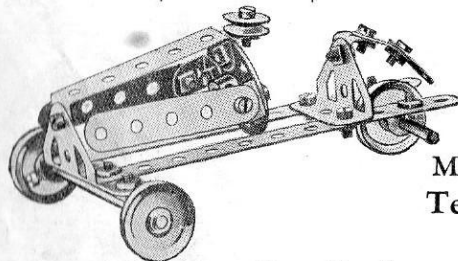
Parts required :

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

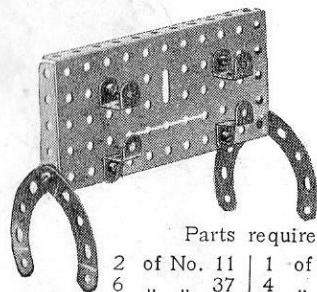
Model No. 0.10  
Three-Wheel Auto

Parts required :

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



Model No. 0.11 Pen Rack



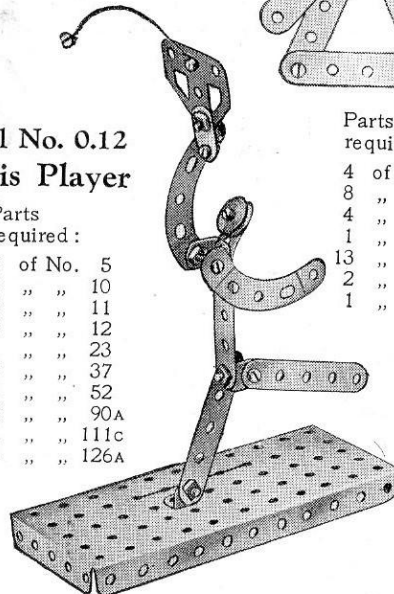
Parts required :

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

Model No. 0.12  
Tennis Player

Parts  
required :

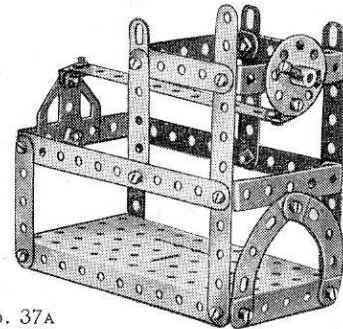
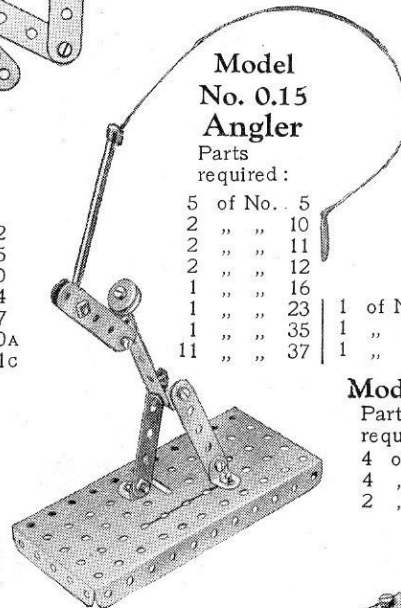
3	of No.	5
2	" "	10
2	" "	11
2	" "	12
1	" "	23
13	" "	37
1	" "	52
2	" "	90A
1	" "	111c
1	" "	126A



Model  
No. 0.15  
Angler

Parts  
required :

5	of No.	5
2	" "	10
2	" "	11
2	" "	12
1	" "	16
1	" "	23
1	" "	35
11	" "	37



Model No. 0.16 Church

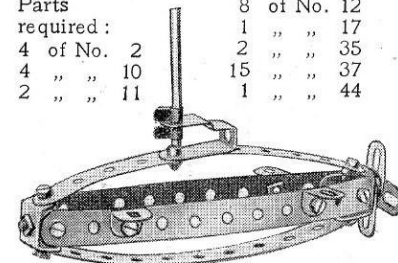
Parts required :

4	of No.	2	2	of No.	12	6	of No.	37A	9	of No.	90A
8	" "	5	1	" "	24	4	" "	48A	6	" "	111c
3	" "	10	16	" "	37	1	" "	52	1	" "	126A

Model No. 0.17 Submarine

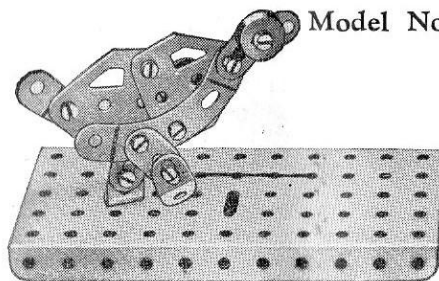
Parts  
required :

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





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

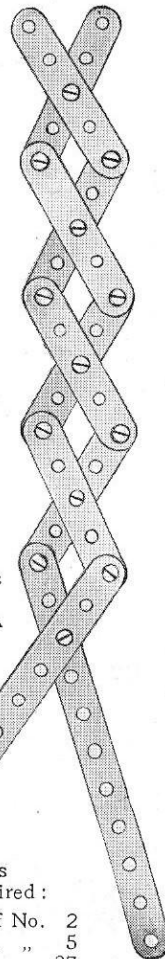


Model No. 0.18 Goose

Parts  
required:

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

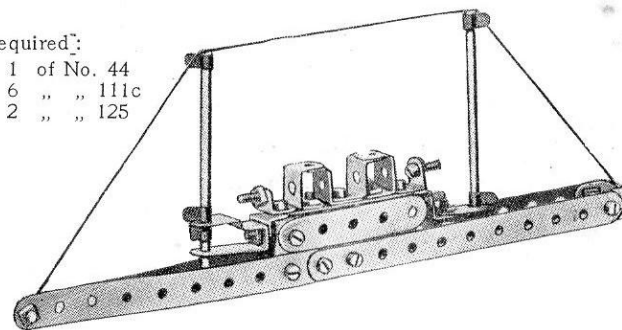
Model No. 0.22  
Lazy Tongs



Parts required:

4	of No.	2	1	of No.	44
3	" "	5	6	" "	111c
4	" "	10	2	" "	125
2	" "	11			
9	" "	12			
2	" "	16			
6	" "	35			
16	" "	37			
6	" "	37A			
1	" "	40			

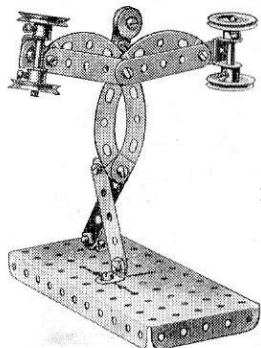
Model No. 0.23 Battleship



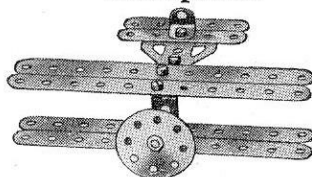
Model No. 0.19 Strong Man

Parts  
required:

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



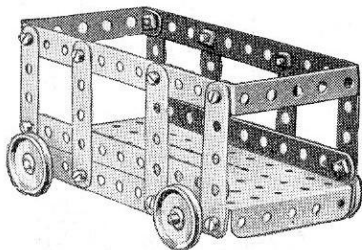
Model No. 0.20  
Aeroplane



Parts required:

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

Model No. 0.21 Cattle Truck



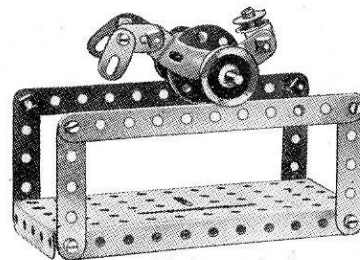
Parts  
required:

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

Parts  
required:

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

Model No. 0.24 Gymnast



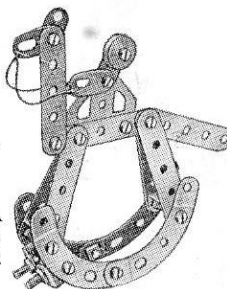
Parts required:

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

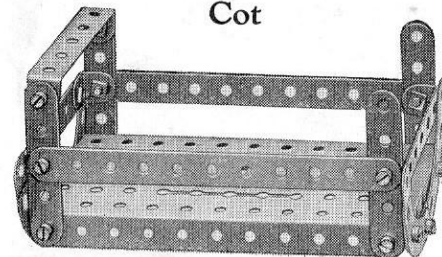
Model No. 0.25  
Rocking Horse

Parts  
required:

7	of No.	5
4	" "	10
2	" "	11
2	" "	12
1	" "	23
13	" "	37
1	" "	40
4	" "	90A
3	" "	111c
1	" "	126A



Model No. 0.26  
Cot

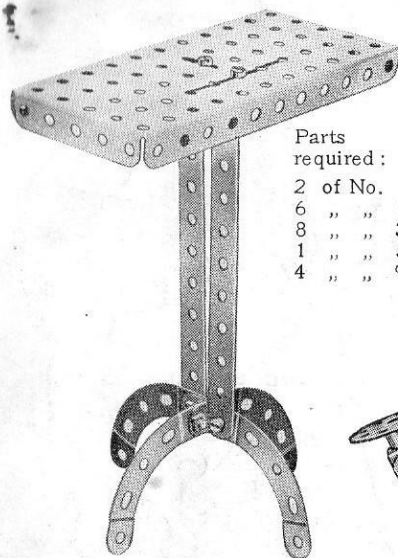


Parts  
required:

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

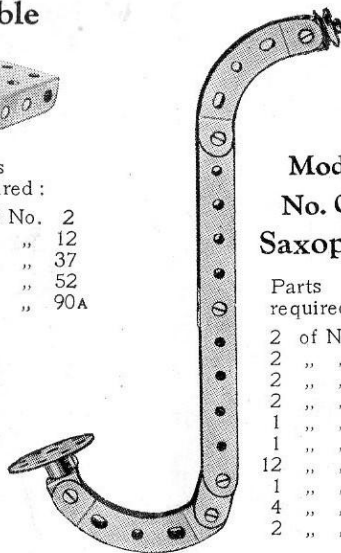
These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)

Model No. 0.27 Table



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

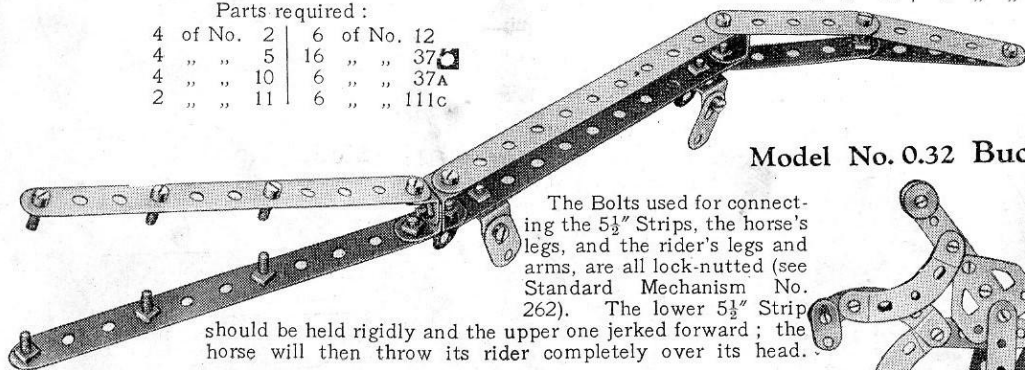
Model  
No. 0.29  
Saxophone



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

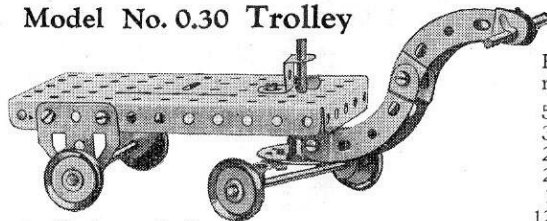
Model No. 0.28 Crocodile

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



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

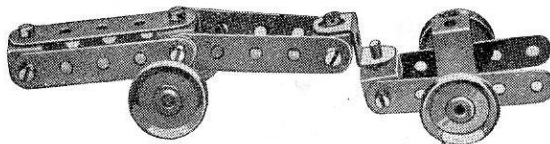
Model No. 0.30 Trolley



Parts required :

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

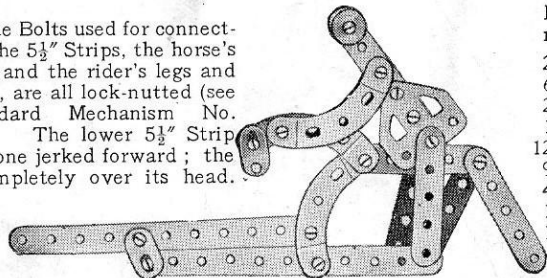
Model No. 0.31 Field Gun and Carriage



Parts required :

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

Model No. 0.32 Bucking Broncho



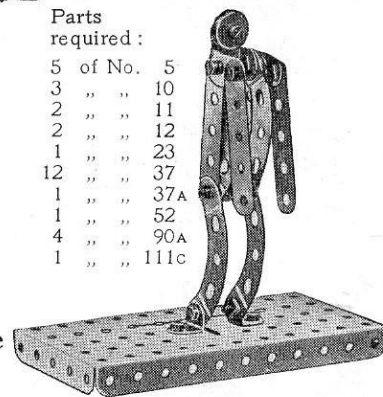
Parts  
required :

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

Model No. 0.33 Ape

Parts  
required :

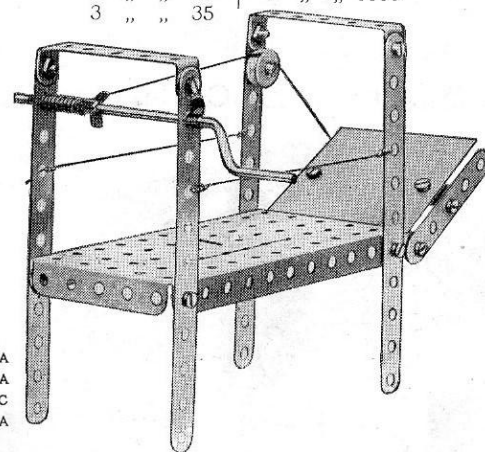
5 of No. 5
3 " " 10
2 " " 11
2 " " 12
1 " " 23
12 " " 37
1 " " 37A
1 " " 52
4 " " 90A
1 " " 111c



Model No. 0.34 Gangway

Parts required :

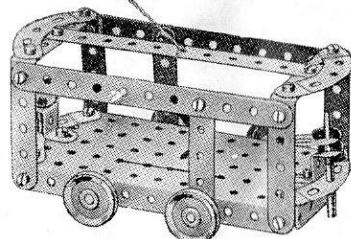
4 of No. 2	16 of No. 37
2 " " 5	2 " " 37A
2 " " 10	1 " " 40
2 " " 12	2 " " 48A
1 " " 19s	1 " " 52
1 " " 23	1 " " 111c
3 " " 35	





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

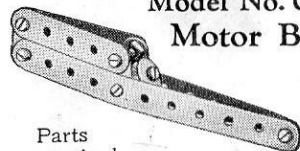
**Model No. 0.35  
Tramway Car**



Parts required :

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

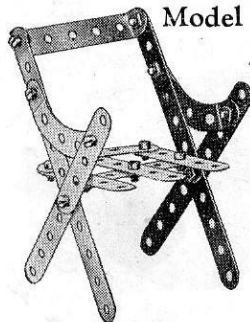
**Model No. 0.36  
Motor Boat**



Parts required :

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

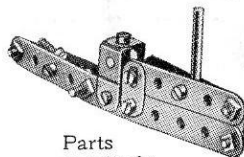
**Model No. 0.37  
Arm Chair**



Parts required :

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

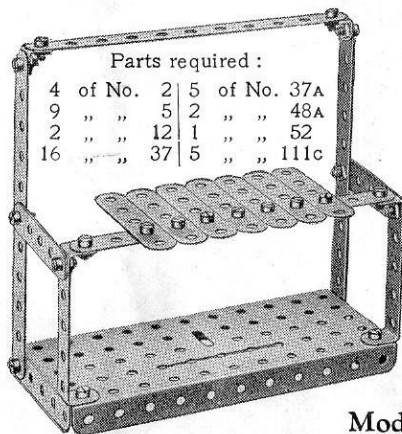
**Model No. 0.38  
Torpedo Boat**



Parts required :

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

**Model No. 0.39 Piano**



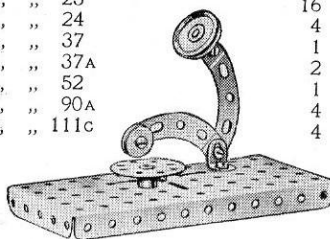
Parts required :

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

**Model No. 0.40  
Gramophone**

Parts required :

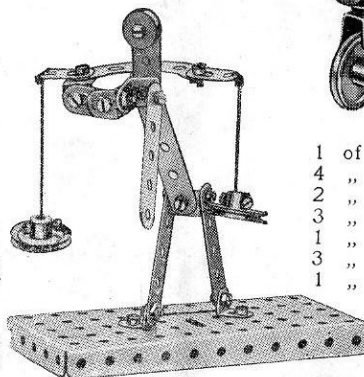
2 of No. 12
1 " " 22
1 " " 23
1 " " 24
3 " " 37
1 " " 37A
1 " " 52
2 " " 90A
3 " " 111c



**Model No. 0.41 Milk Maid**

Parts required :

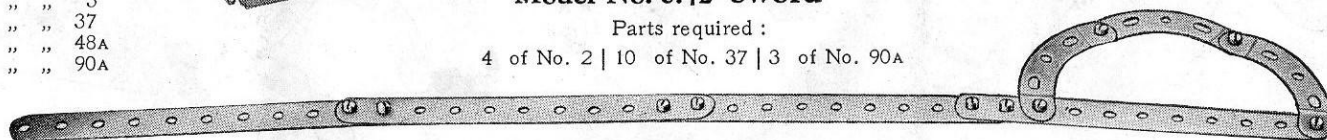
5 of No. 5
3 " " 10
2 " " 11
4 " " 12
2 " " 22
1 " " 23
14 " " 37
1 " " 37A
1 " " 40
1 " " 52
1 " " 90A
1 " " 111c



**Model No. 0.42 Sword**

Parts required :

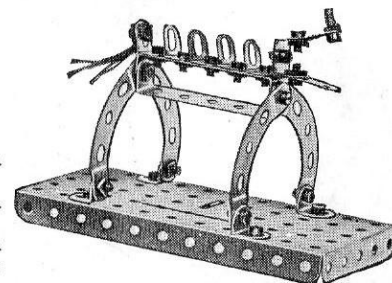
4 of No. 2	10 of No. 37	3 of No. 90A
------------	--------------	--------------



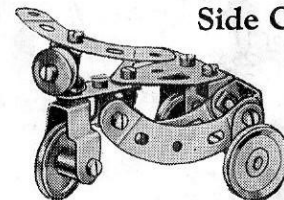
**Model No. 0.43  
Prehistoric Armadillo**

Parts required :

4 of No. 10
1 " " 11
8 " " 12
16 " " 37
4 " " 37A
1 " " 40
2 " " 48A
1 " " 52
4 " " 90A
4 " " 111c



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

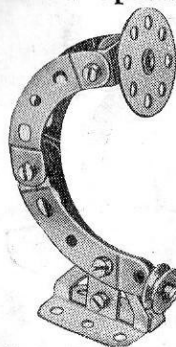


Parts required :

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

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

**Model No. 0.45**  
**Loud Speaker**



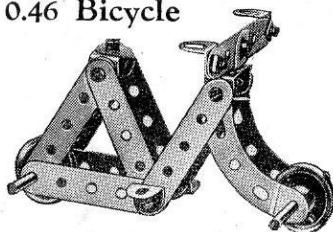
Parts  
required :

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

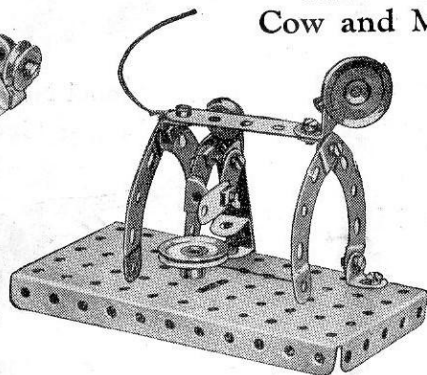
**Model No. 0.46 Bicycle**

Parts  
required :

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



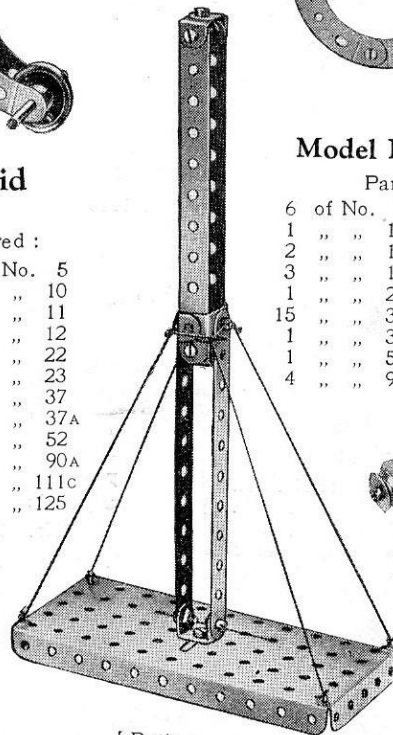
**Model No. 0.47**  
**Cow and Milkmaid**



Parts  
required :

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

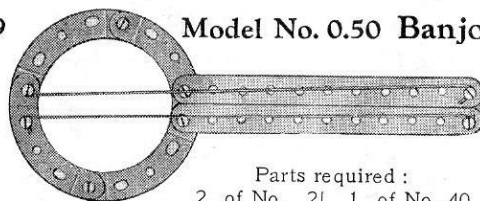
**Model No. 0.49**  
**Telescopic Mast**



[ Parts  
required :

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

**Model No. 0.50 Banjo**



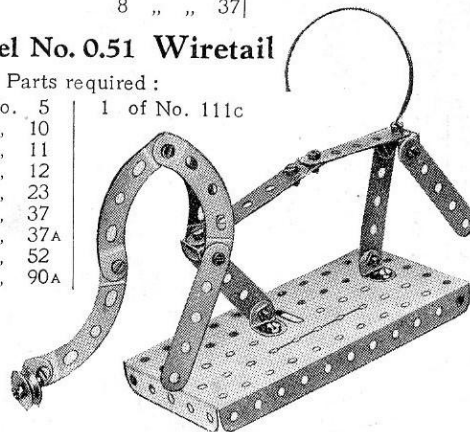
Parts required :

2	of No.	2	1	of No.	40
1	" "	10	4	" "	90A
8	" "	37			

**Model No. 0.51 Wiretail**

Parts required :

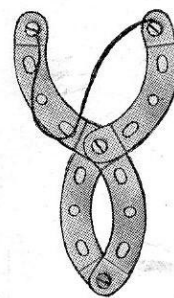
6	of No.	5	1	of No.	111c
1	" "	10			
2	" "	11			
3	" "	12			
1	" "	23			
15	" "	37			
1	" "	37A			
1	" "	52			
4	" "	90A			



Parts  
required :

4	of No.	37
4	" "	90A
		Small piece of elastic.

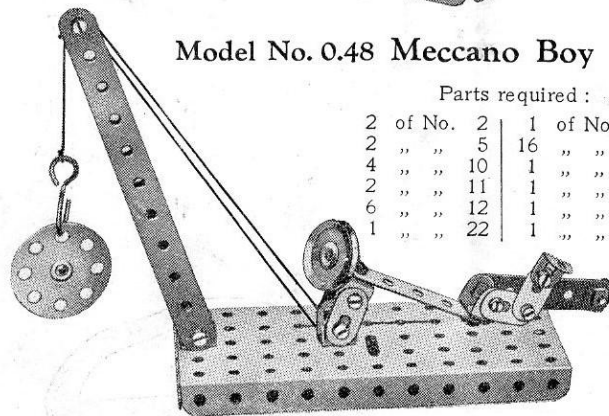
**Model No. 0.53**  
**Catapult**



**Model No. 0.48 Meccano Boy**

Parts required :

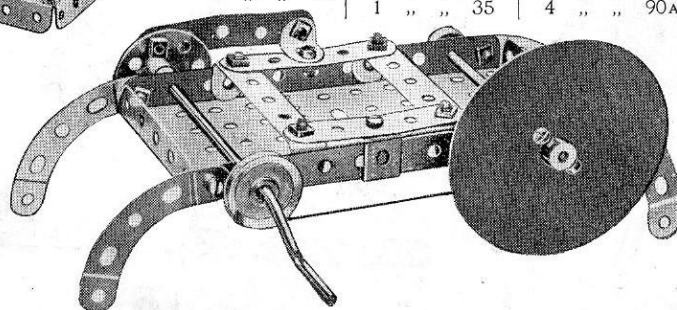
2	of No.	2	1	of No.	24
2	" "	5	16	" "	37
4	" "	10	1	" "	40
2	" "	11	1	" "	52
6	" "	12	1	" "	57
1	" "	22	1	" "	111c



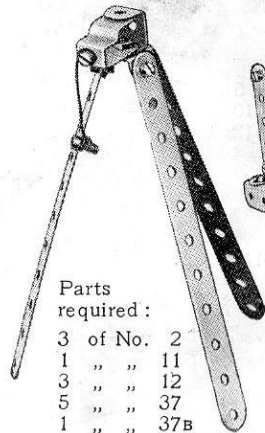
**Model No. 0.52 Bacon Slicing Machine**

Parts  
required :

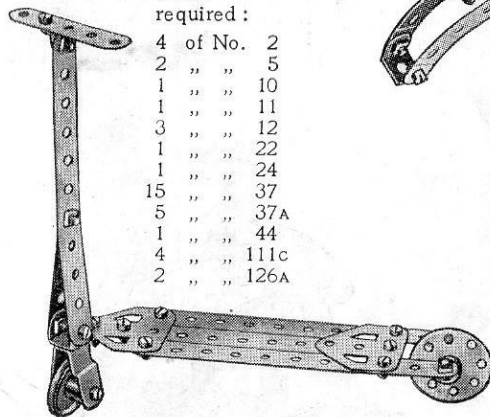
3	of No.	5	1	of No.	16	12	of No.	37
2	" "	11	1	" "	19s	2	" "	37A
1	" "	12	2	" "	22	1	" "	40
			1	" "	23	2	" "	48A
			1	" "	24	1	" "	52
			1	" "	35	4	" "	90A





**Model No. 0.54**  
**Camera**Parts  
required :

3	of No.	2
1	"	11
3	"	12
5	"	37
1	"	37B
1	"	44

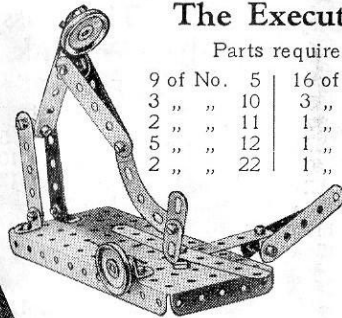
**Model No. 0.55**  
**Scooter**Parts  
required :

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

**Model No. 0.56**  
**The Execution**

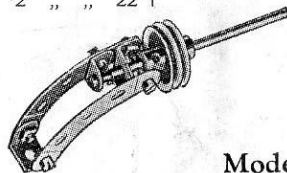
Parts required :

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

**Model No. 0.57 Pistol**

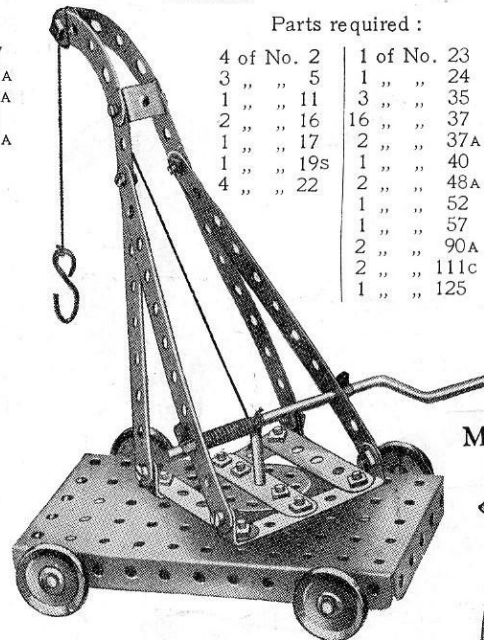
Parts required :

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

**Model No. 0.58**  
**Crane**

Parts required :

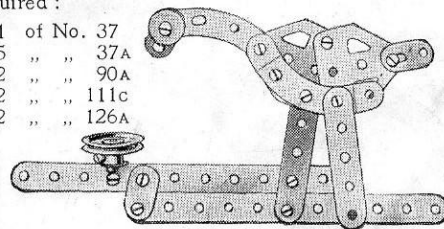
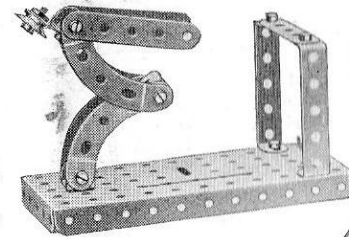
4	of No.	2	1	of No.	23
3	"	5	1	"	24
1	"	11	3	"	35
2	"	16	16	"	37
1	"	17	2	"	37A
1	"	19s	1	"	40
4	"	22	2	"	48A
			1	"	52
			1	"	57
			2	"	90A
			2	"	111c
			1	"	125

**Model No. 0.59 Pecking Hen**

By alternately pushing and pulling the lower of the  $5\frac{1}{2}$ " Strips, the hen can be made to peck vigorously at the "bowl" (a 1" Pulley). The Bolts used for securing the  $5\frac{1}{2}$ " Strips together should be lock-nutted, care being taken to ensure that no "side play" is permitted.

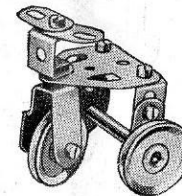
Parts required :

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

**Model No. 0.60 Hurdler**

Parts required :

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

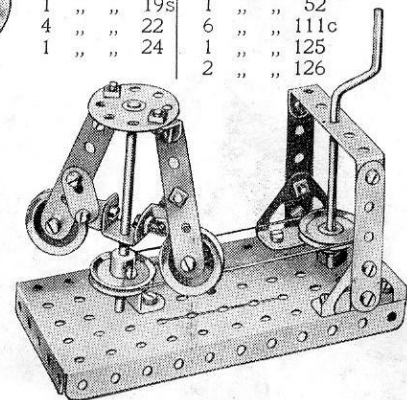
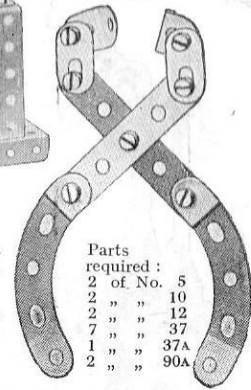
**Model No. 0.61**  
**Tricycle**Parts  
required :

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

**Model No. 0.63**  
**Centrifugal Engine Governor**

Parts required :

4	of No.	5	3	of No.	35
2	"	10	16	"	37
1	"	11	6	"	37A
4	"	12	1	"	40
1	"	16	1	"	48A
1	"	19s	1	"	52
4	"	22	6	"	111c
1	"	24	1	"	125
			2	"	126

**Model No. 0.62**  
**Pliers**Parts  
required :

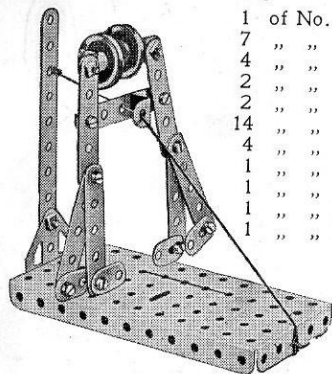
2	of No.	5
2	"	10
2	"	12
7	"	37
1	"	37A
2	"	90A

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

### Model No. 0.64 Wrestlers

Parts  
required:

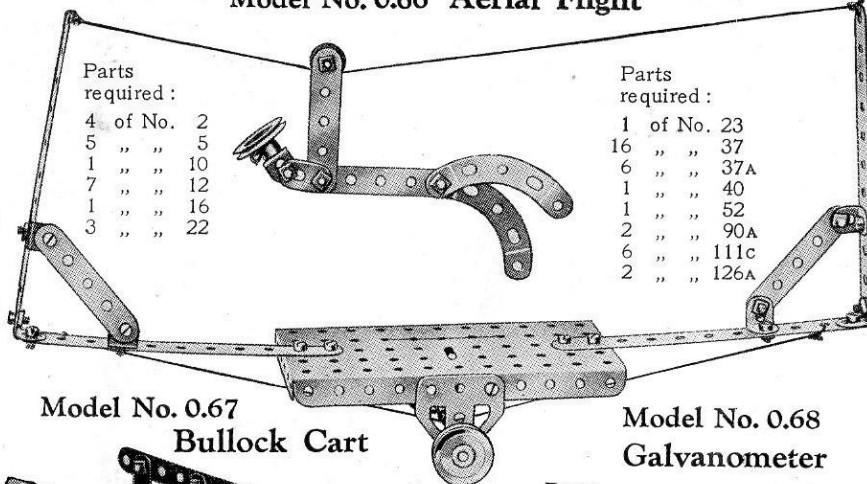
1	of No.	2
7	" "	5
4	" "	10
2	" "	12
2	" "	22
14	" "	37
4	" "	37A
1	" "	40
1	" "	52
1	" "	125
1	" "	126A



### Model No. 0.66 Aerial Flight

Parts  
required:

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



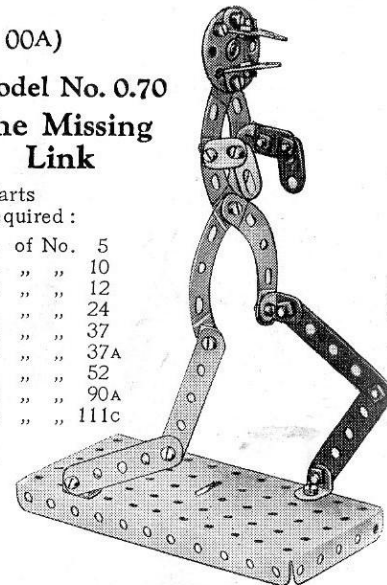
Parts  
required:

1	of No.	23
16	" "	37
6	" "	37A
1	" "	40
1	" "	52
2	" "	90A
6	" "	111c
2	" "	126A

### Model No. 0.70 The Missing Link

Parts  
required:

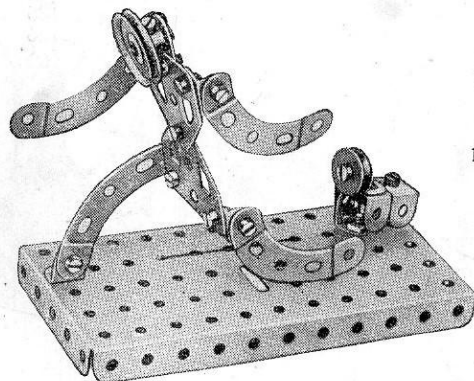
4	of No.	5
4	" "	10
8	" "	12
1	" "	24
16	" "	37
6	" "	37A
4	" "	52
1	" "	90A
6	" "	111c



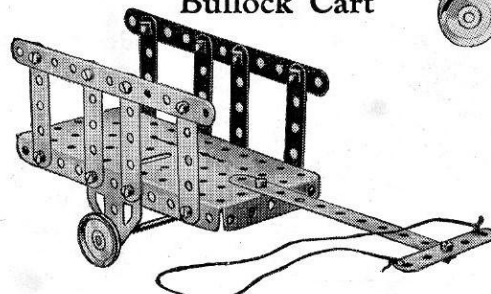
### Model No. 0.65 A Chase

Parts required:

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



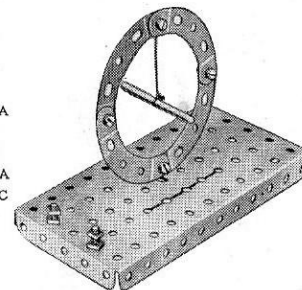
### Model No. 0.67 Bullock Cart



### Model No. 0.68 Galvanometer

Parts  
required:

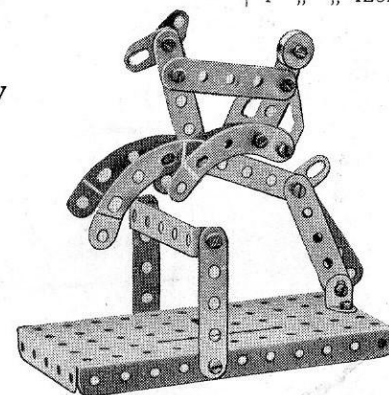
1	of No.	12
1	" "	17
5	" "	37
4	" "	37A
1	" "	40
1	" "	52
4	" "	90A
2	" "	111c



### Model No. 0.71 Steeple-chaser

Parts required:

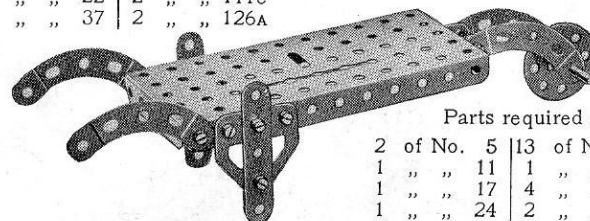
7	of No.	5	1	of No.	37A
4	" "	10	1	" "	48A
1	" "	12	1	" "	52
1	" "	23	4	" "	90A
13	" "	37	1	" "	111c
			1	" "	126A



Parts required:

3	of No.	2	2	of No.	37A
9	" "	5	1	" "	40
1	" "	16	1	" "	52
2	" "	22	2	" "	111c
16	" "	37	2	" "	126A

### Model No. 0.69 Coster's Barrow



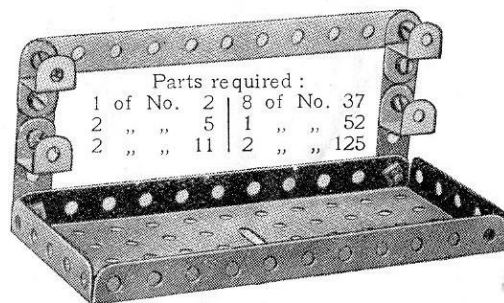
Parts required:

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



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

### Model No. 0.72 Pen Rack



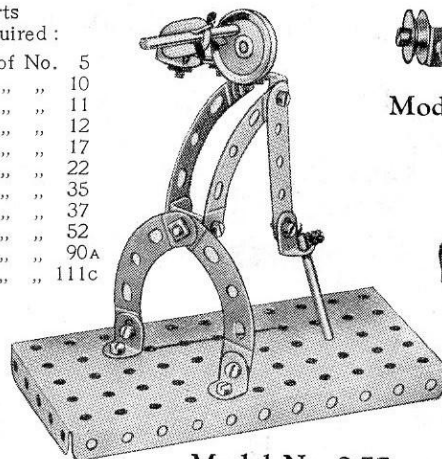
Parts required:

1 of No. 2	8 of No. 37
2 " " 5	1 " " 52
2 " " 11	2 " " 125

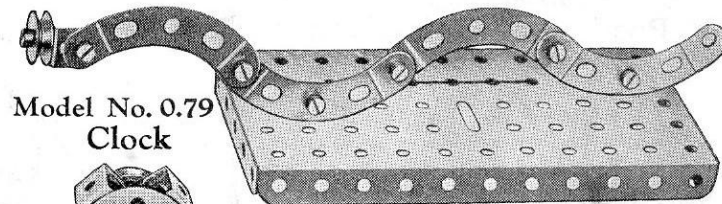
### Model No. 0.76 Coast Guard

Parts required:

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



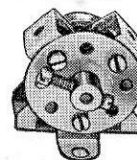
### Model No. 0.78 Snake



Parts required:

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

### Model No. 0.79 Clock



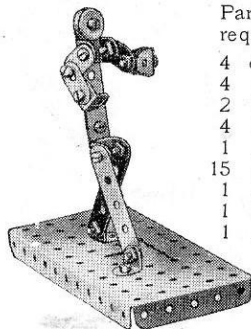
Parts required:

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

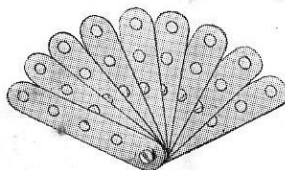
### Model No. 0.73 Boxer

Parts required:

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



### Model No. 0.75 Fan



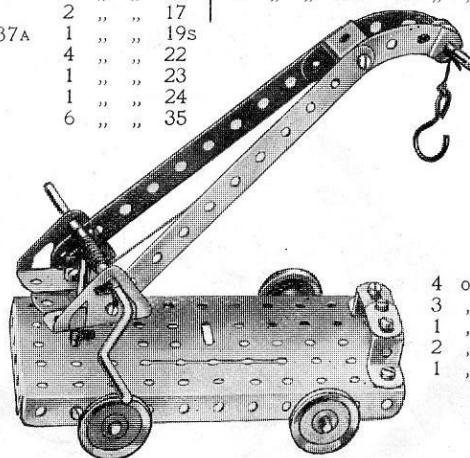
Parts required:

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

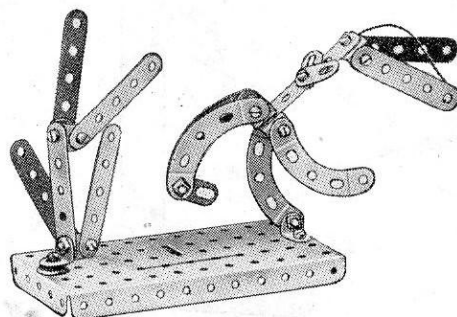
### Model No. 0.77 Break-Down Crane

Parts required:

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



### Model No. 0.74 Horseman's Fall



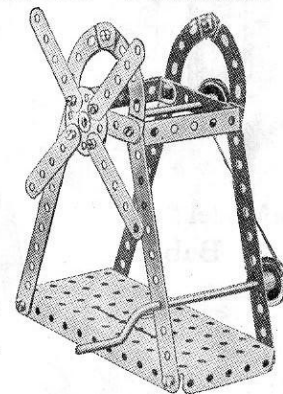
Parts required:

8 of No. 5
3 " " 10
2 " " 11
8 " " 12
1 " " 23
15 " " 37
4 " " 37A
1 " " 52
4 " " 90A
4 " " 111c

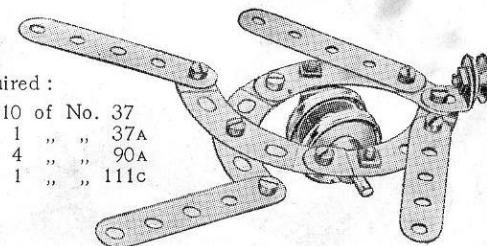
### Model No. 0.80 Windmill

Parts required:

4 of No. 2
6 " " 5
1 " " 16
1 " " 19s
2 " " 22
1 " " 24
14 " " 37
1 " " 40
2 " " 48A
1 " " 52
4 " " 90A



### Model No. 0.81 Frog

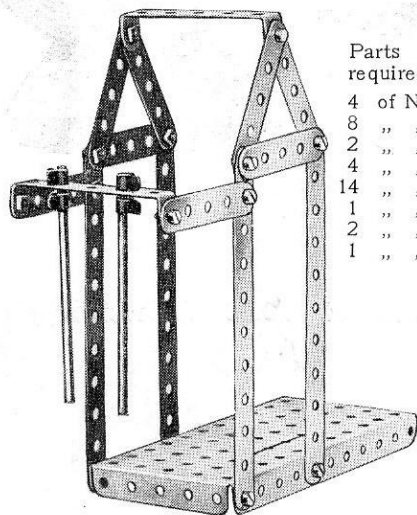


Parts required:

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

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

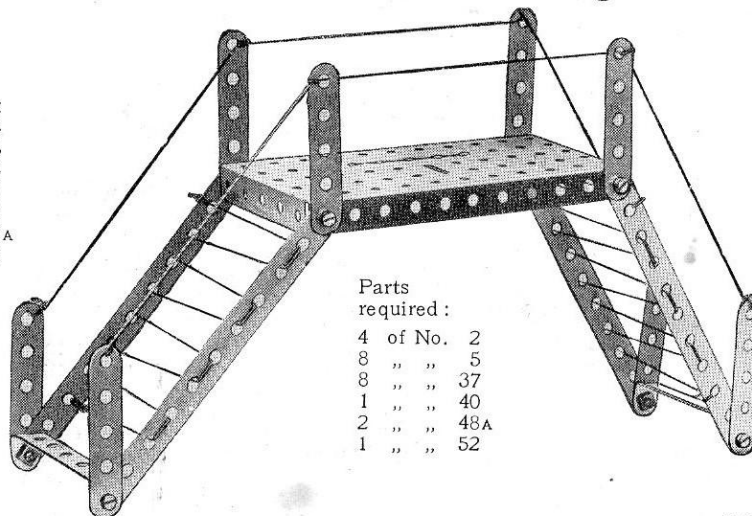
**Model No. 0.82**  
**Pneumatic Grain Elevator**



Parts  
required :

4	of No.	2
8	" "	5
2	" "	16
4	" "	35
14	" "	37
1	" "	40
2	" "	48A
1	" "	52

**Model No. 0.84 Footbridge**



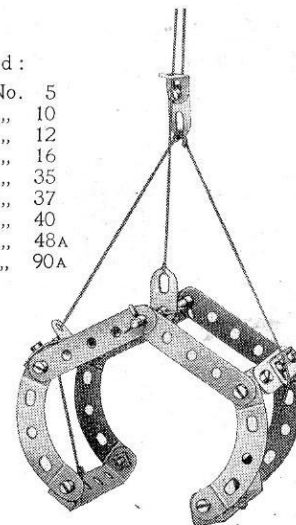
Parts  
required :

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

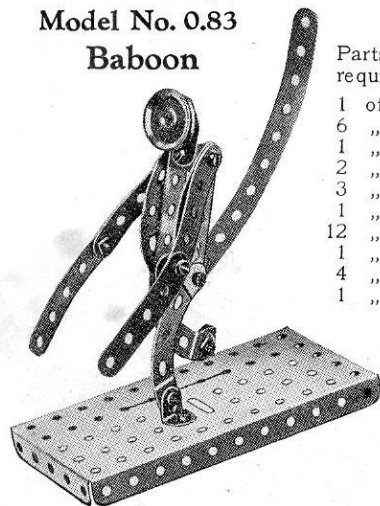
**Model No. 0.86 Crane Grab**

Parts  
required :

6	of No.	5
2	" "	10
7	" "	12
1	" "	16
6	" "	35
15	" "	37
1	" "	40
2	" "	48A
4	" "	90A



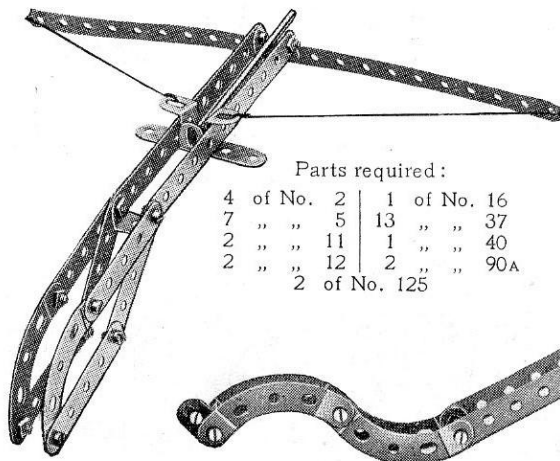
**Model No. 0.83**  
**Baboon**



Parts  
required :

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

**Model No. 0.85 Cross-Bow**



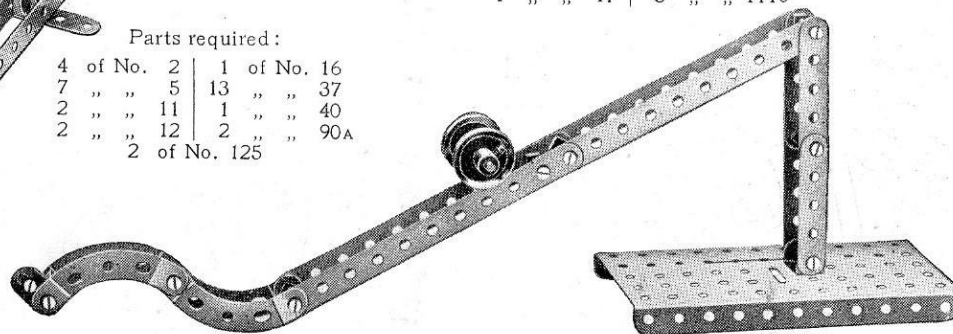
Parts required :

4	of No.	2	1	of No.	16
7	" "	5	13	" "	37
2	" "	11	1	" "	40
2	" "	12	2	" "	90A
2 of No. 125					

**Model No. 0.87 Switchback**

Parts required :

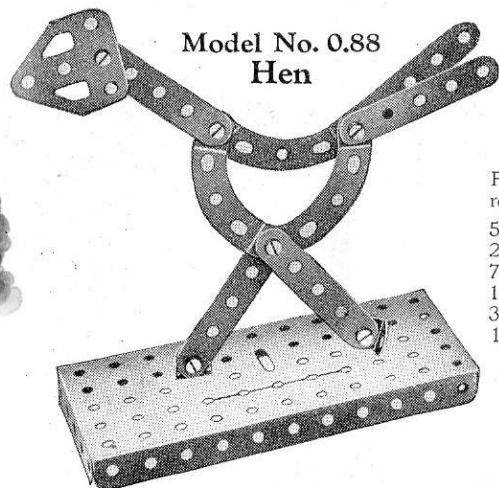
4	of No.	2	2	of No.	22
4	" "	5	16	" "	37
1	" "	10	3	" "	37A
2	" "	11	1	" "	52
2	" "	12	4	" "	90A
1	" "	17	3	" "	111c





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

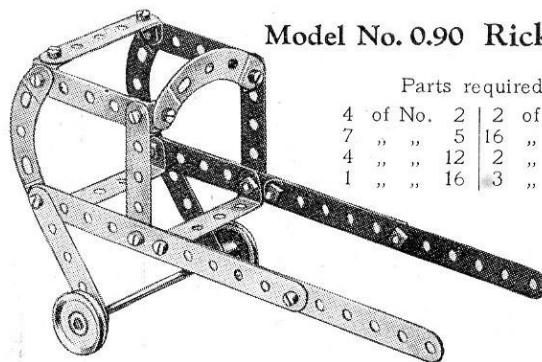
13



Model No. 0.88  
Hen

Parts  
required :

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

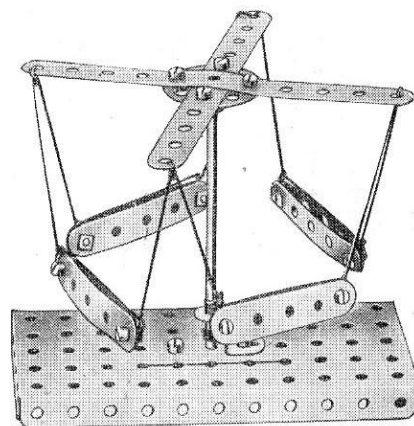


Model No. 0.90 Rickshaw

Parts required :

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

Model No. 0.93 Fly Boats



Parts required :

2	of No.	2	13	of No.	37
8	" "	5	1	" "	40
1	" "	16	1	" "	52
1	" "	24	1	" "	125

Model No. 0.89  
Grass Cutter

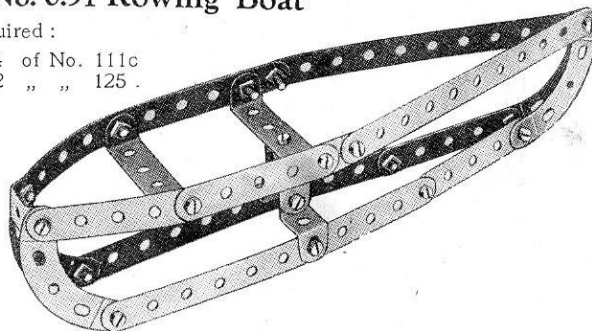
Parts  
required :

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

Model No. 0.91 Rowing Boat

Parts required :

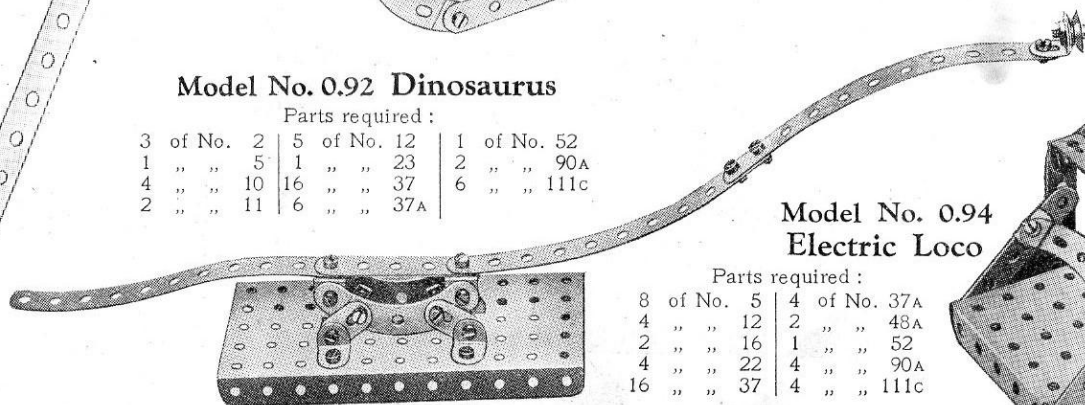
4	of No.	2	4	of No.	111c
6	" "	5	2	" "	125
2	" "	10			
1	" "	11			
16	" "	37			
4	" "	37A			
1	" "	44			
2	" "	48A			
4	" "	90A			



Model No. 0.92 Dinosaur

Parts required :

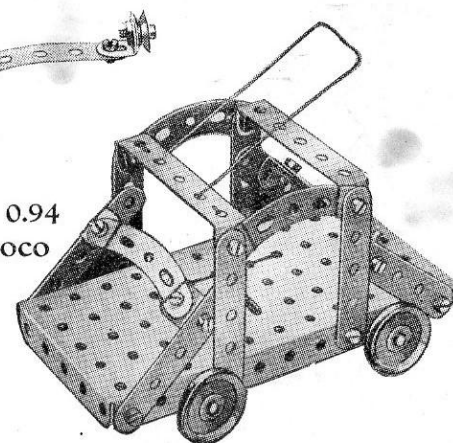
3	of No.	2	5	of No.	12	1	of No.	52
1	" "	5	1	" "	23	2	" "	90A
4	" "	10	16	" "	37	6	" "	111c
2	" "	11	6	" "	37A			



Model No. 0.94  
Electric Loco

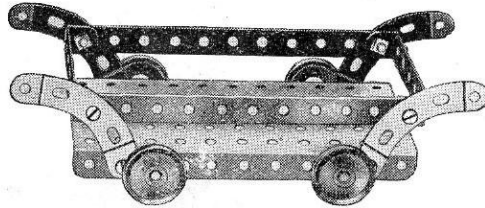
Parts required :

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



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

**Model No. 0.95 Trolley**



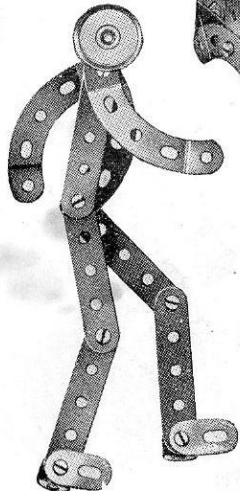
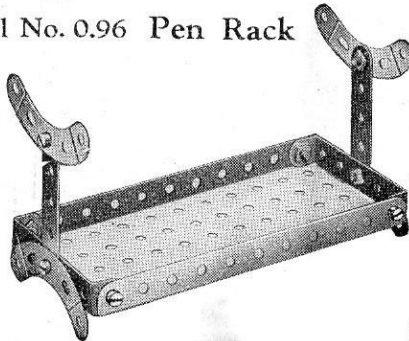
Parts required :

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

**Model No. 0.96 Pen Rack**

Parts required :

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



**Model No. 0.97 Walking Man**

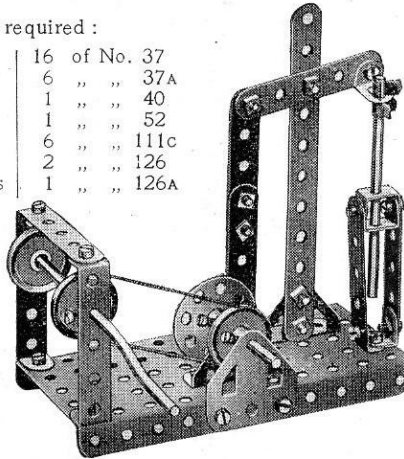
Parts required :

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

**Model No. 0.98 Pump**

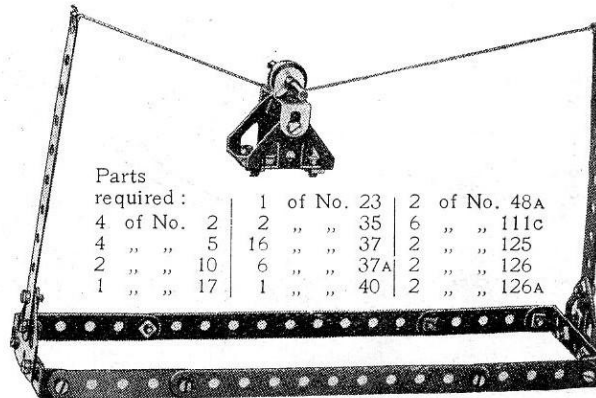
Parts required :

1 of No. 2	16 of No. 37
6 " " 5	6 " " 37A
2 " " 11	1 " " 40
3 " " 12	1 " " 52
1 " " 16	6 " " 111c
1 " " 17	2 " " 126
1 " " 19s	1 " " 126A
3 " " 22	
1 " " 24	
2 " " 35	



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

**Model No. 0.99 Aerial Ropeway**



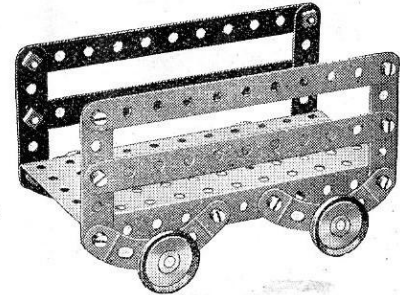
Parts required :

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

**Model No. 0.100 Luggage Truck**

Parts required :

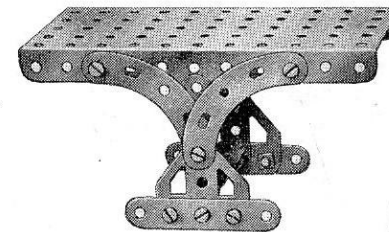
4 of No. 2
4 " " 5
2 " " 16
4 " " 22
16 " " 37
1 " " 52
4 " " 90A



**Model No. 0.101 Drafting Table**

Parts required :

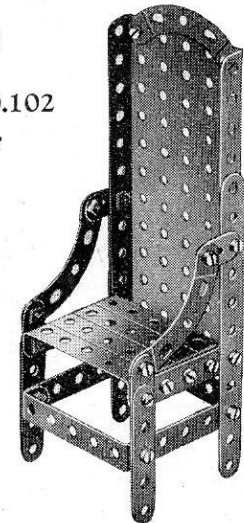
4 of No. 5
12 " " 37
1 " " 48A
1 " " 52
4 " " 90A
2 " " 126A

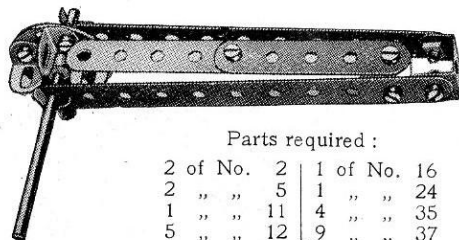


**Model No. 0.102 Arm Chair**

Parts required :

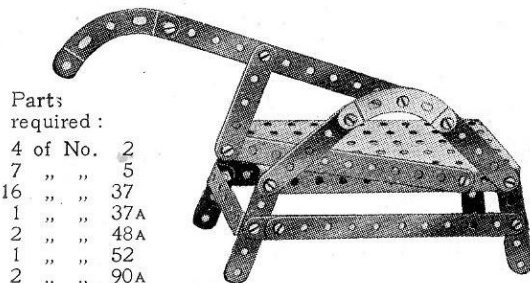
2 of No. 2
4 " " 5
12 " " 37
1 " " 48A
1 " " 52
3 " " 90A



**Model No. 0.103 Rattle**

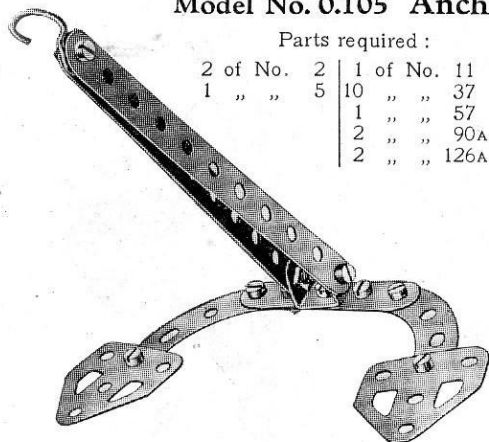
Parts required :

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

**Model No. 0.104 Shearing Machine**

Parts required :

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

**Model No. 0.105 Anchor**

Parts required :

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

**Model No. 0.106 Portal**

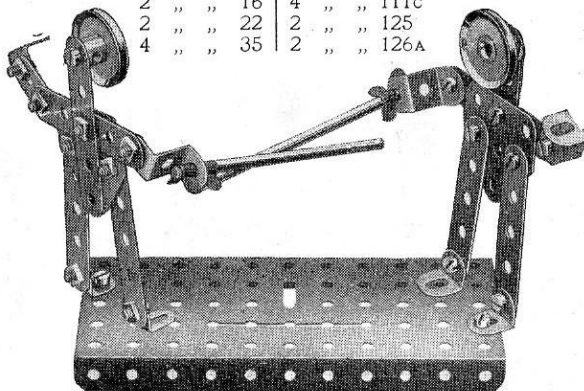
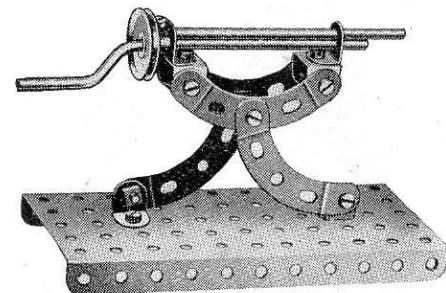
Parts required :

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

**Model No. 0.107 The Fencers**

Parts required :

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

**Model No. 0.108 Machine Gun**

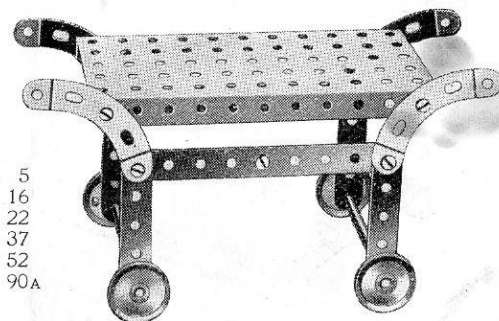
Parts required :

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

**Model No. 0.109 Single Sheave Pulley Block**

Parts required :

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

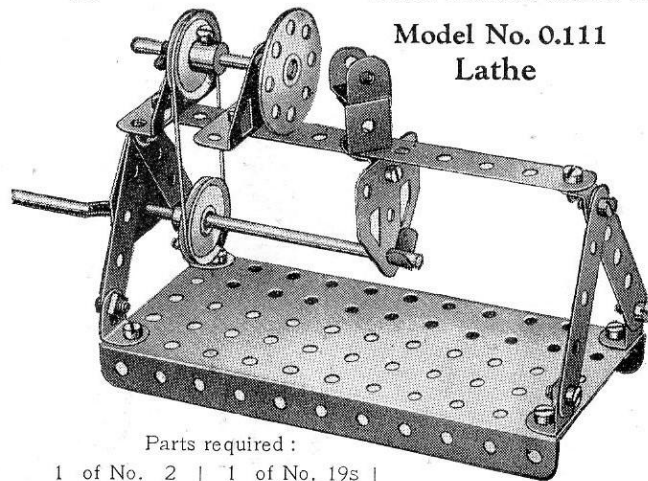
**Model No. 0.110 Tea Wagon**

Parts required :

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



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

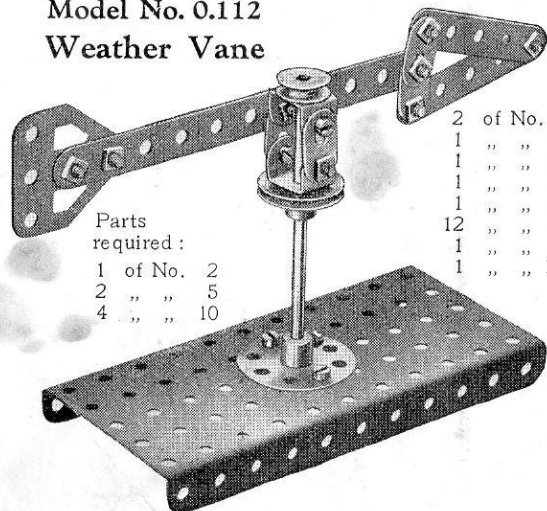


**Model No. 0.111**  
**Lathe**

Parts required :

1 of No. 2	1 of No. 19s	1 of No. 40
4 " " 5	2 " " 22	1 " " 52
2 " " 11	1 " " 24	1 " " 126
7 " " 12	3 " " 35	2 " " 126A
1 " " 17	16 " " 37	

**Model No. 0.112**  
**Weather Vane**

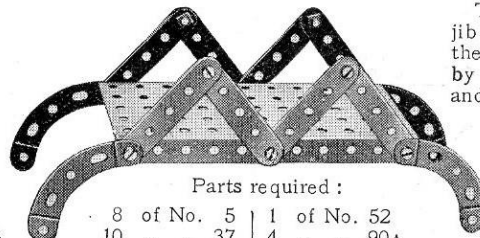


Parts  
required :

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

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

**Model No. 0.113 Viaduct**



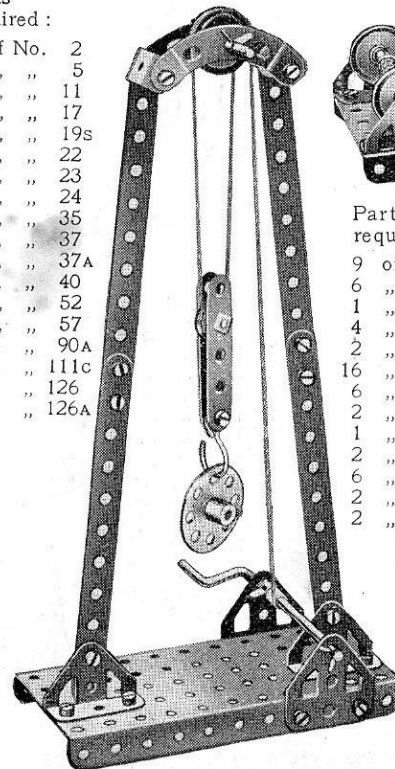
Parts required :

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

**Model No. 0.114 Pulley Block**

Parts  
required :

4 of No. 2
2 " " 5
2 " " 11
1 " " 17
1 " " 19s
1 " " 22
1 " " 23
1 " " 24
5 " " 35
16 " " 37
4 " " 37A
4 " " 40
1 " " 52
1 " " 57
2 " " 90A
4 " " 111c
2 " " 126
2 " " 126A

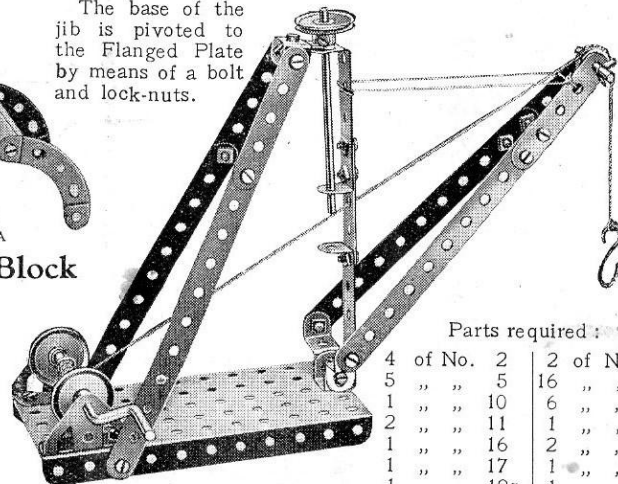


Parts  
required :

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

**Model No. 0.115 Derricking Crane**

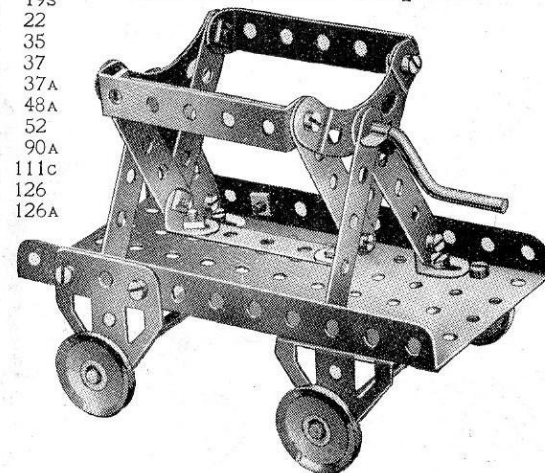
The base of the  
jib is pivoted to  
the Flanged Plate  
by means of a bolt  
and lock-nuts.



Parts required :

4 of No. 2	2 of No. 35
5 " " 5	16 " " 37
1 " " 10	6 " " 37A
2 " " 11	1 " " 40
1 " " 16	2 " " 48A
1 " " 17	1 " " 52
1 " " 19s	1 " " 57
3 " " 22	6 " " 111c
1 " " 23	2 " " 125
2 of No. 126	

**Model No. 0.116 Dump Car**



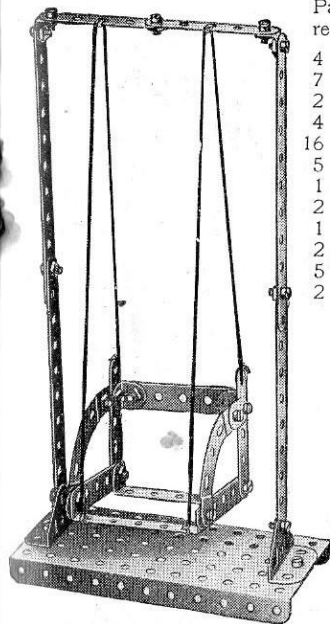
These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)

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Model No. 0.117 Swing

Parts  
required:

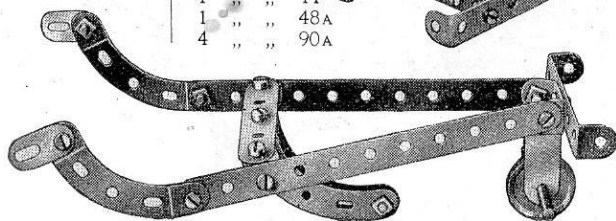
4	of No.	2
7	" "	5
2	" "	10
4	" "	12
16	" "	37
5	" "	37A
1	" "	40
2	" "	48A
1	" "	52
2	" "	90A
5	" "	111c
2	" "	126



Model No. 0.118 Plough

Parts required:

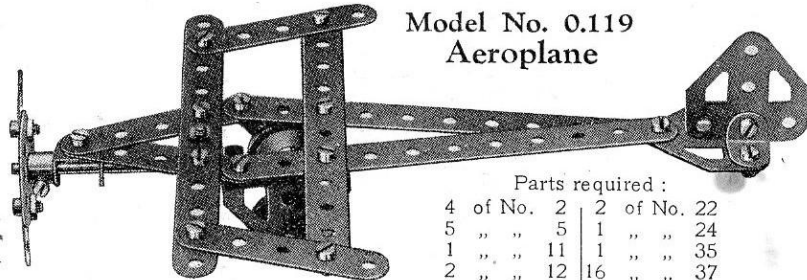
2	of No.	2	3	of No.	12
1	" "	5	1	" "	17
2	" "	10	1	" "	22
2	" "	11	15	" "	37
			1	" "	44
			1	" "	48A
			4	" "	90A



Model No. 0.119  
Aeroplane

Parts required:

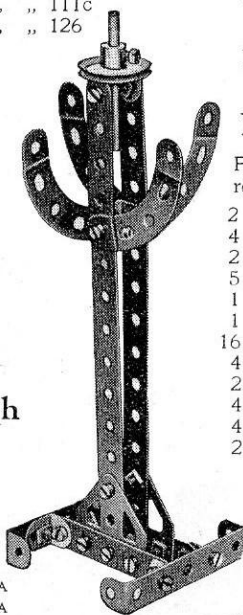
4	of No.	2	2	of No.	22
5	" "	5	1	" "	24
1	" "	11	1	" "	35
2	" "	12	16	" "	37
1	" "	16	2	" "	37A
1	" "	17	2	" "	111c
			2	" "	126
			1	" "	126A



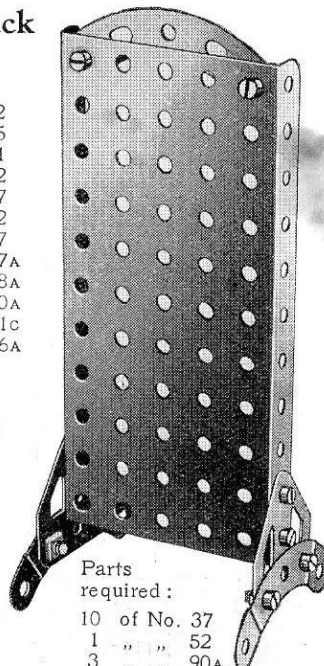
Model No.  
0.120  
Hat Rack

Parts  
required:

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



Model No. 0.121  
Notice Board



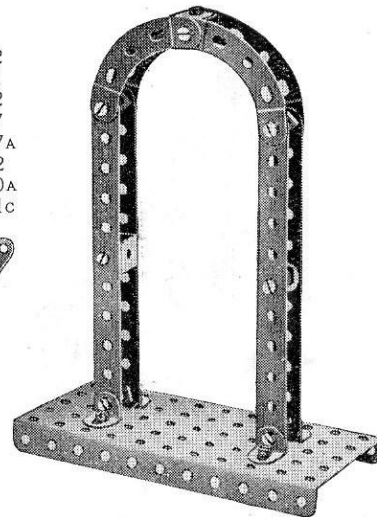
Parts  
required:

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

Model No. 0.123 Arch

Parts  
required:

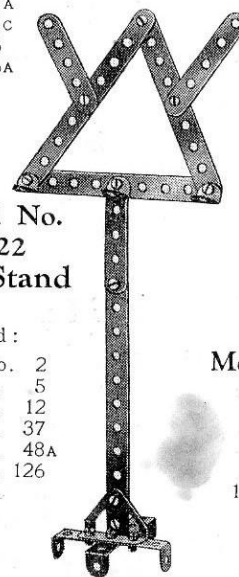
4	of No.	2
2	" "	11
6	" "	12
16	" "	37
3	" "	37A
1	" "	52
4	" "	90A
3	" "	111c



Model No.  
0.122  
Music Stand

Parts  
required:

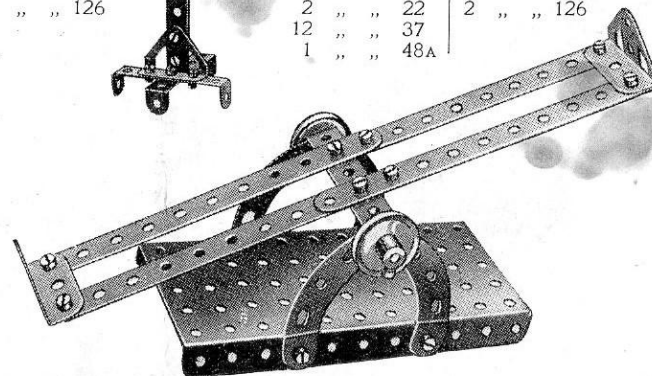
1	of No.	2
9	" "	5
3	" "	12
12	" "	37
2	" "	48A
1	" "	126



Model No. 0.124 See-Saw

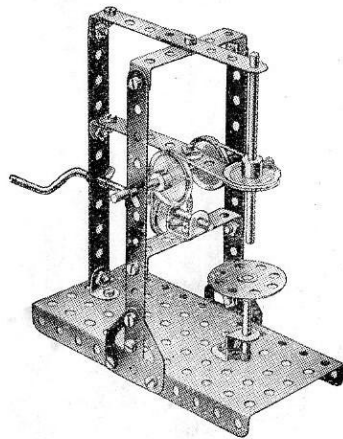
Parts required:

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



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

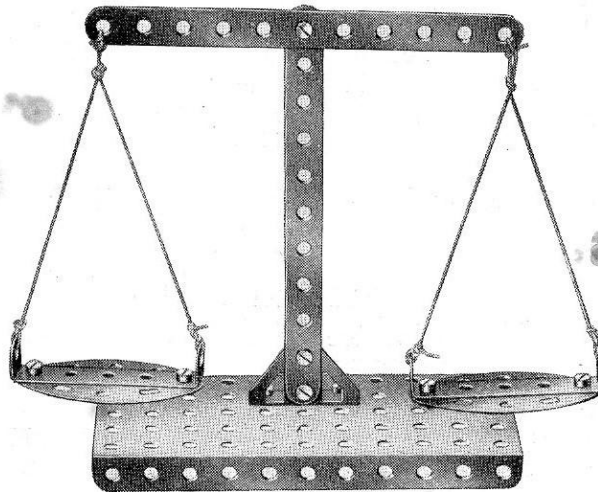
### Model No. 0.125 Drilling Machine



Parts required :

3 of No.	2
4 " "	5
2 " "	11
3 " "	12
1 " "	16
1 " "	17
1 " "	19s
4 " "	22
1 " "	24
6 " "	35
16 " "	37
6 " "	37A
1 " "	40
2 " "	48A
1 " "	52
6 " "	111c
1 " "	125
2 " "	126A

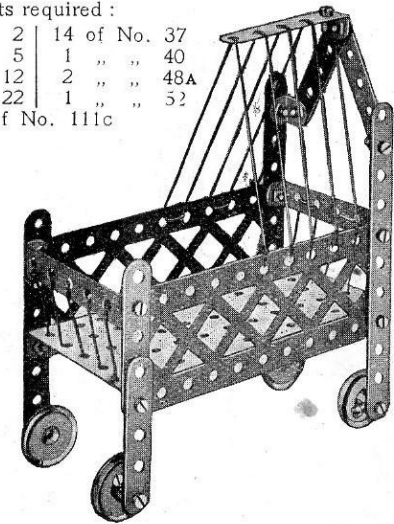
### Model No. 0.127 Scales



### Model No. 0.129 Cot

Parts required :

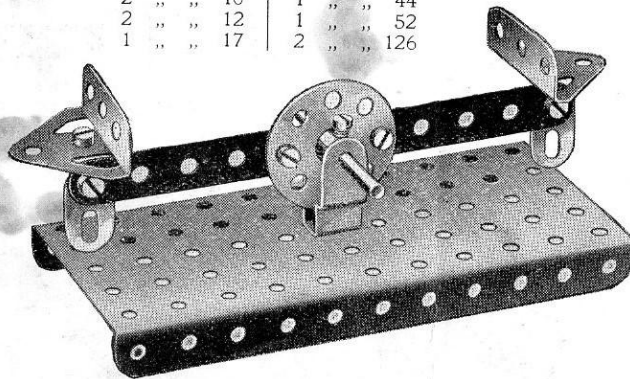
4 of No.	2	14 of No.	37
7 " "	5	1 " "	40
3 " "	12	2 " "	48A
4 " "	22	1 " "	52
	4 of No.	111c	



### Model No. 0.126 Counter Scales

Parts required :

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



Parts required :

2 of No.	2	2 of No.	48A
9 " "	37	1 " "	52
1 " "	37A	4 " "	90A
1 " "	40	1 " "	126

### Model No. 0.128 Single Sheave Pulley Block



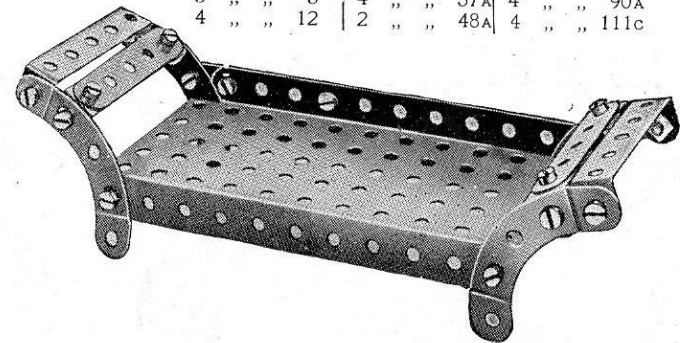
Parts required :

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

### Model No. 0.130 Couch

Parts required :

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

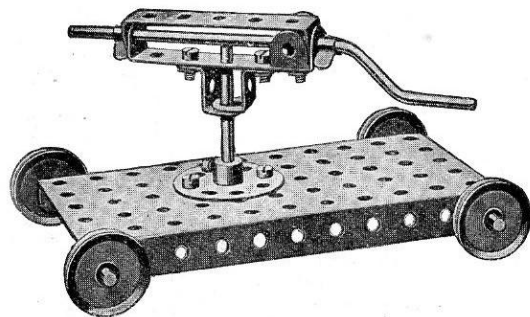




These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)

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### Model No. 0.131 Rock Drill



Parts required :

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

### Model No. 0.133 Prancing Horse

Parts required :

6 of No. 5	
4 " " 12	
1 " " 17	
1 " " 19s	
4 " " 22	
1 " " 24	
16 " " 37	
4 " " 37A	
1 " " 40	
1 " " 44	
1 " " 52	
1 " " 90A	
4 " " 111c	
2 " " 125	
1 " " 126	
1 " " 126A	

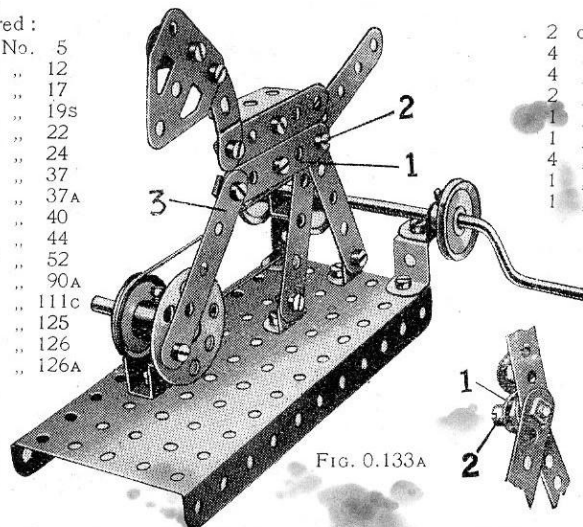
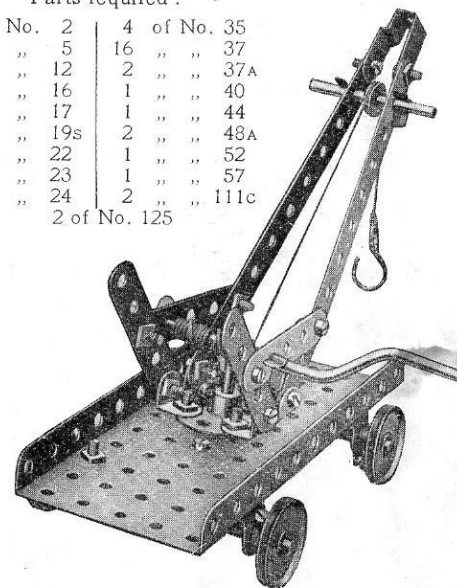


FIG. 0.133A

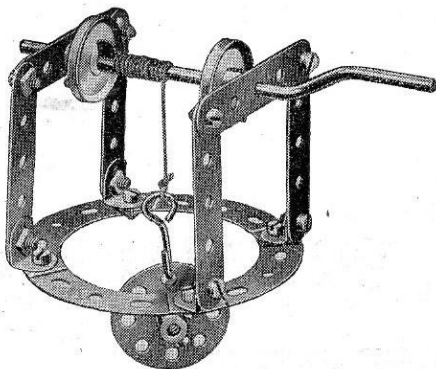
### Model No. 0.135 Swivelling Crane

Parts required :

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



### Model No. 0.132 Well Windlass

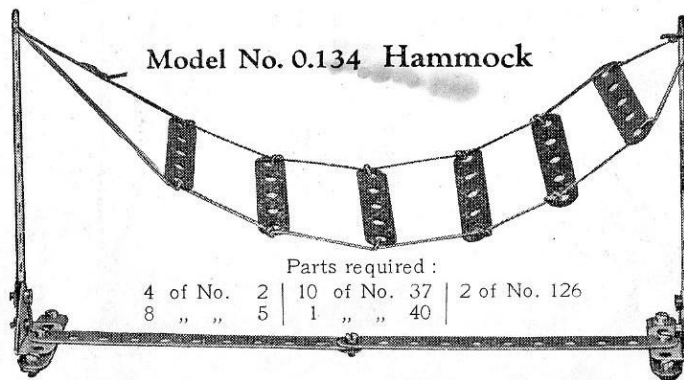


Parts required :

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

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

### Model No. 0.134 Hammock



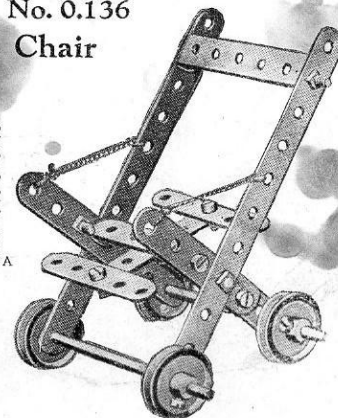
Parts required :

4 of No. 2	10 of No. 37	2 of No. 126
8 " " 5	1 " " 40	

### Model No. 0.136 Go Chair

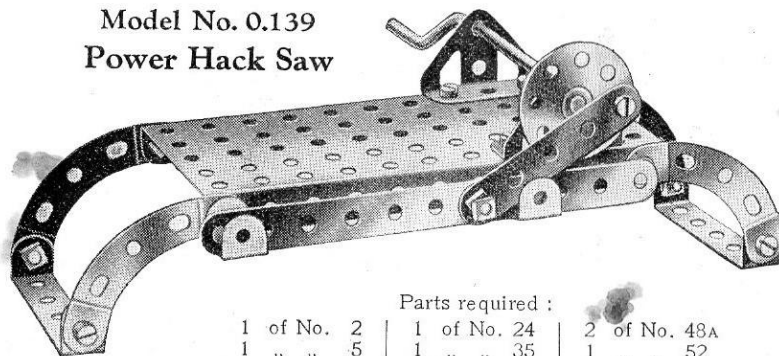
Parts required :

2 of No. 2	
7 " " 5	
2 " " 16	
4 " " 22	
11 " " 37	
1 " " 40	
2 " " 48A	



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

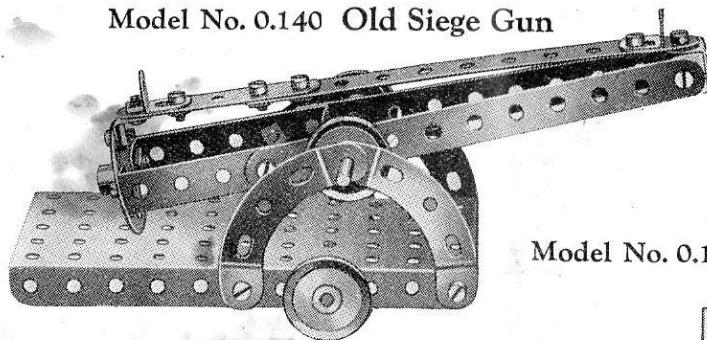
**Model No. 0.139**  
**Power Hack Saw**



Parts required :

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

**Model No. 0.140 Old Siege Gun**



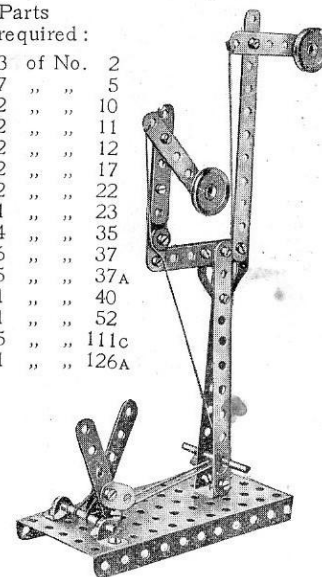
Parts required :

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

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

Parts required :

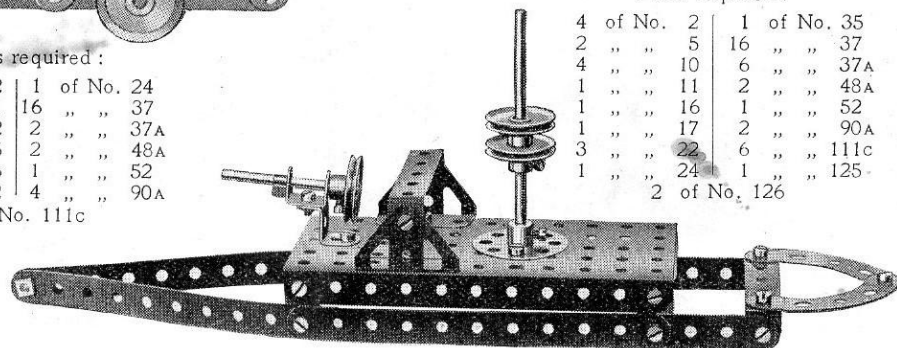
3 of No. 2
7 " " 5
2 " " 10
2 " " 11
2 " " 12
2 " " 17
2 " " 22
1 " " 23
4 " " 35
16 " " 37
5 " " 37A
1 " " 40
1 " " 52
5 " " 111c
1 " " 126A



**Model No. 0.142 Battleship**

Parts required :

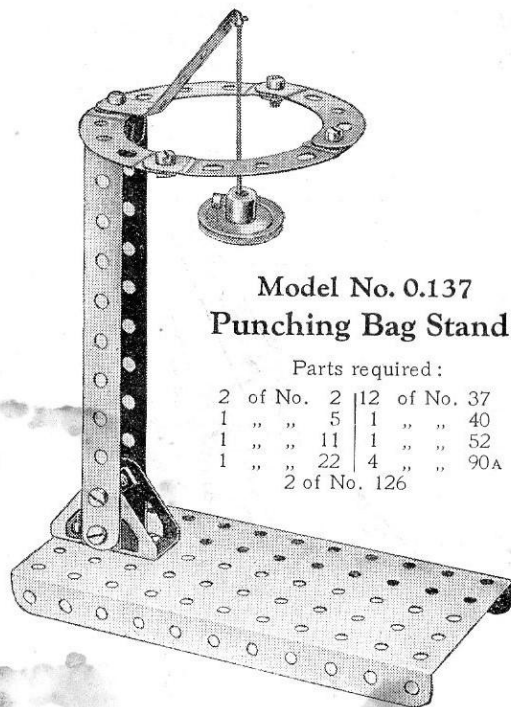
4 of No. 2	1 of No. 35
2 " " 5	16 " " 37
4 " " 10	6 " " 37A
1 " " 11	2 " " 48A
1 " " 16	1 " " 52
1 " " 17	2 " " 90A
3 " " 22	6 " " 111c
1 " " 24	1 " " 125
2 of No. 126	



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

Parts required :

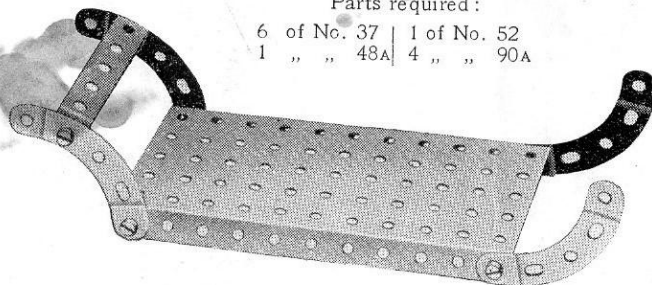
2 of No. 2	12 of No. 37
1 " " 5	1 " " 40
1 " " 11	1 " " 52
1 " " 22	4 " " 90A
2 of No. 126	



**Model No. 0.138 Sled**

Parts required :

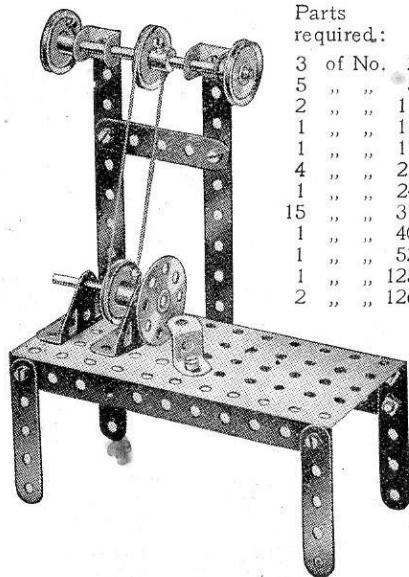
6 of No. 37	1 of No. 52
1 " " 48A	4 " " 90A



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

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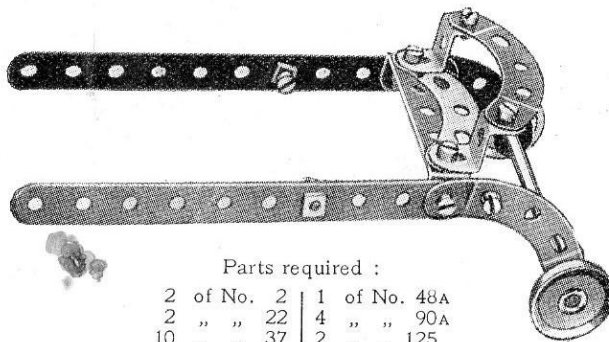
### Model No. 0.143 Bench Lathe



Parts  
required:

3	of No.	2
5	" "	5
2	" "	11
1	" "	16
1	" "	17
4	" "	22
1	" "	24
15	" "	37
1	" "	40
1	" "	52
1	" "	125
2	" "	126

### Model No. 0.145 Sulkey



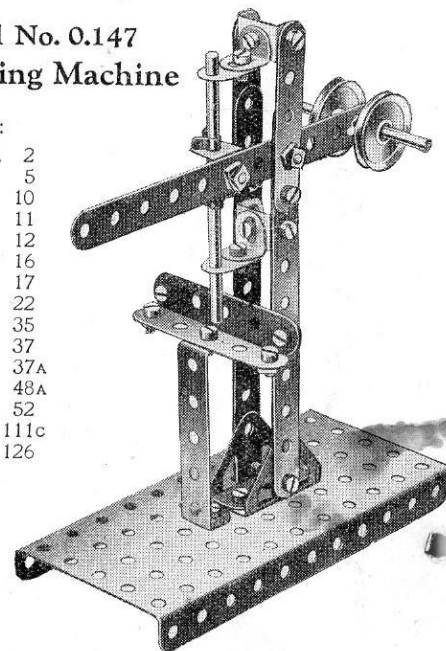
Parts required :

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

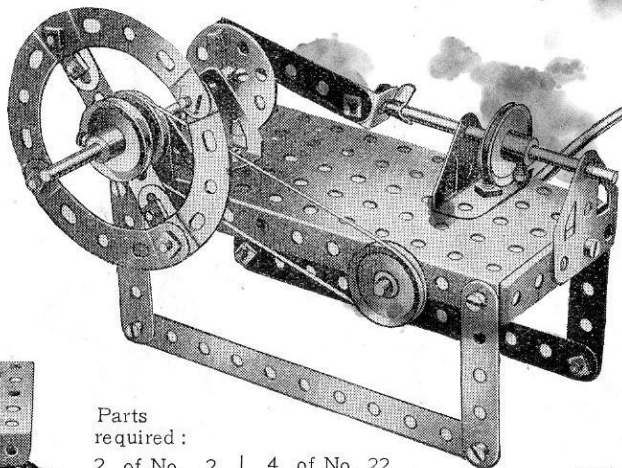
### Model No. 0.147 Punching Machine

Parts  
required :

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



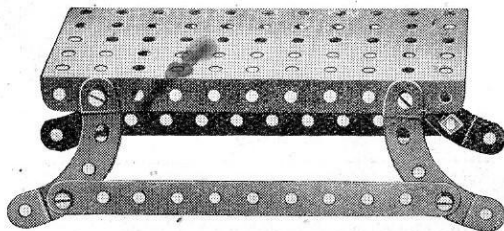
### Model No. 0.146 Horizontal Engine



### Model No. 0.144 Bench

Parts required :

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



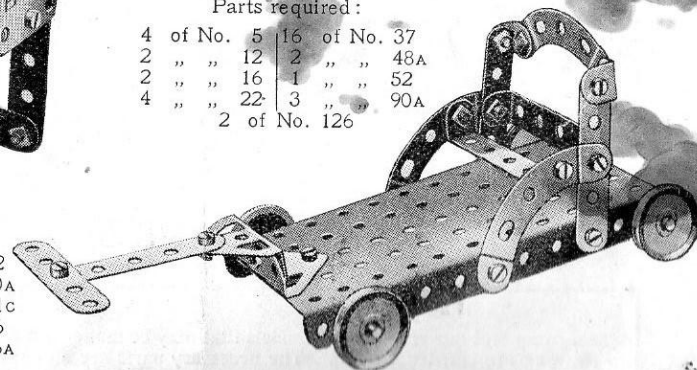
Parts  
required :

2	of No.	2	4	of No.	22	1	of No.	52
6	" "	5	1	" "	24	4	" "	90A
2	" "	10	3	" "	35	5	" "	111c
1	" "	12	16	" "	37	2	" "	126
2	" "	16	5	" "	37A	2	" "	126A
1	" "	19s	1	" "	40			

### Model No. 0.148 Bath Chair

Parts required :

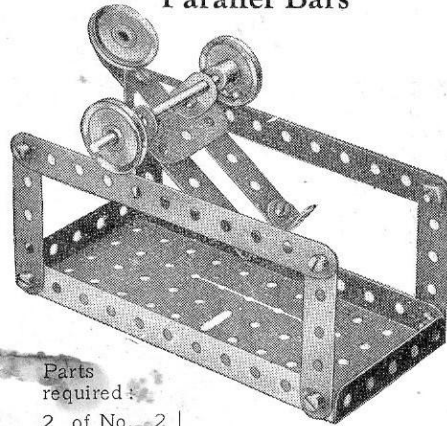
4	of No.	5	16	of No.	37
2	" "	12	2	" "	48A
2	" "	16	1	" "	52
4	" "	22	3	" "	90A
		2	of No.	126	





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

Model No. 0.149  
Parallel Bars



Parts  
required:

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

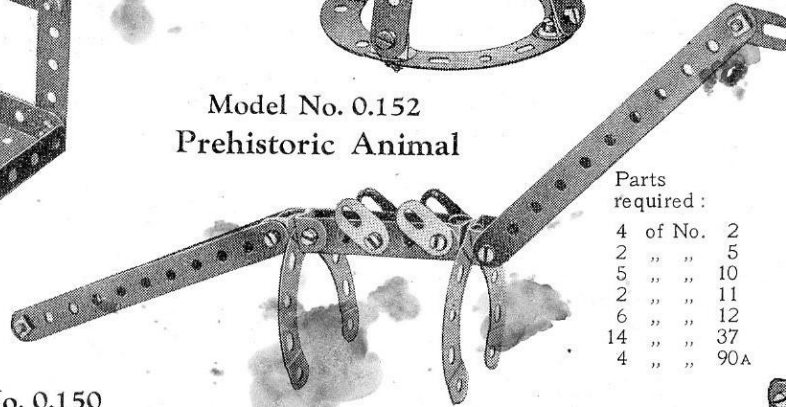
Model No. 0.151 Candle Shade

Parts  
required:

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



Model No. 0.152  
Prehistoric Animal



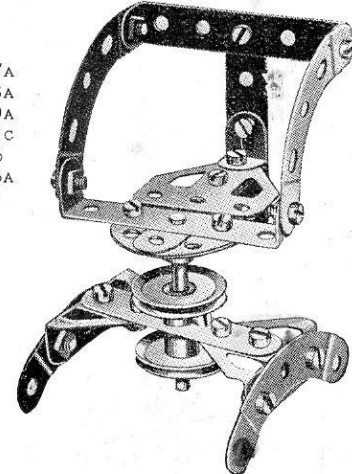
Parts  
required:

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

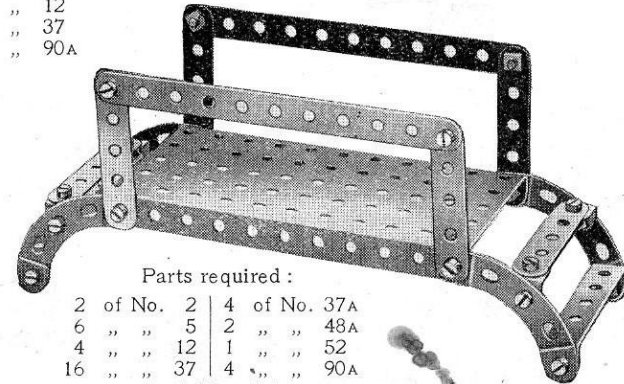
Model No. 0.153 Revolving Office Chair

Parts required:

3 of No. 5	2 of No. 37A
1 " " 12	2 " " 48A
1 " " 17	4 " " 90A
2 " " 22	2 " " 111c
1 " " 34	2 " " 126
16 " " 37	1 " " 126A



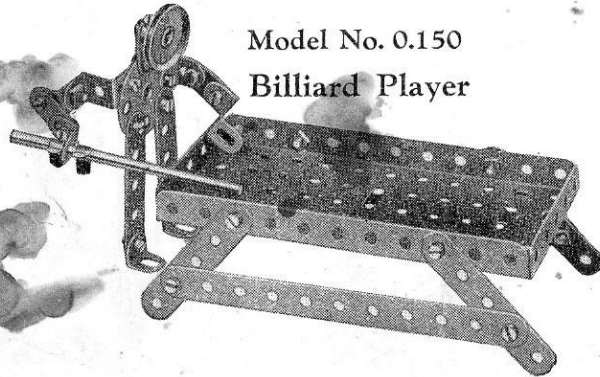
Model No. 0.154 Bridge



Parts required:

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

Model No. 0.150  
Billiard Player



Parts  
required:

2 of No. 2
6 " " 5
3 " " 10
5 " " 12
1 " " 16
1 " " 22
1 " " 24
2 " " 35
16 " " 37
5 " " 37A
5 " " 111c
2 " " 125

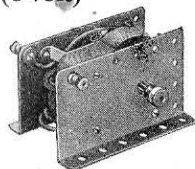
### HOW TO CONTINUE

This completes our examples of models that may be made with MECCANO Outfit No. 0 (or No. 00 and No. 00A). The next models are a little more advanced, requiring extra parts to construct them. The necessary parts are all contained in a No. 0A Accessory Outfit, the price of which may be obtained from any Meccano dealer.

# MECCANO

## MECCANO ELECTRIC MOTOR No. E. 1 (6-volt)

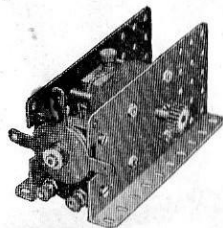
This is a highly efficient electric motor (non-reversing) that will give excellent service. A 6-volt Accumulator will operate it, but it may also be driven from the main (alternating current supply) through the Transformer described on this page.



## MECCANO ELECTRIC MOTOR No. E. 6 (6-volt)

This powerful and reliable 6-volt Motor may be run from a 6-volt accumulator or, by employing the Transformer described on this page, from the main. It is fitted with a control mechanism that enables the motor to be started, stopped or reversed as desired.

*NOTE.—The above Electric Motors will not run satisfactorily from dry cells.*

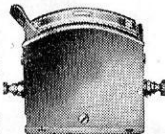


## MECCANO ACCUMULATOR (6-volt, 20 amps.)

The Meccano Accumulator is of substantial construction and is specially recommended for running the Meccano 6-volt Electric Motors.

## MECCANO RESISTANCE CONTROLLER

By employing this variable resistance the speed of the Meccano 6-volt Electric Motors may be regulated as desired. The controller is connected in series with the motor and accumulator, or with the motor and transformer if a transformer is used as the source of power. It will not regulate the speed of a high-voltage motor connected to the main.



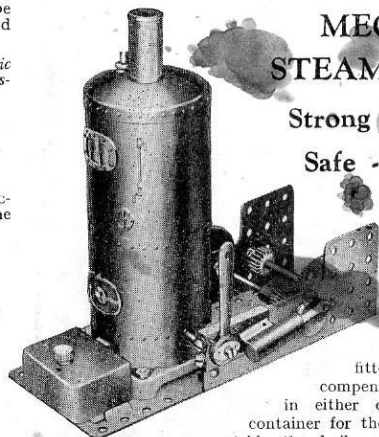
## MOTORS AND ACCESSORIES

In order to obtain the fullest possible enjoyment from the Meccano hobby the models should be operated with a Meccano power unit. The side plates and bases are pierced with the standard Meccano equidistant holes, which enable the motors or the steam engine to be built into any Meccano model in the position that is most suitable.

## MECCANO STEAM ENGINE

Strong - Powerful

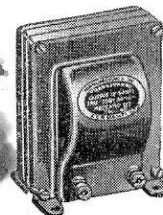
Safe - Reversing



On actual test this powerful steam unit has lifted over 56 lbs. Operation of the reversing lever enables the

crankshaft, which is fitted with a special compensating flywheel, to run in either direction. The spirit container for the lamp is placed well outside the boiler-casing, eliminating all risk of the spirit becoming heated. There is no danger whatever of the boiler exploding. A special Manual of Instructions is supplied with each engine.

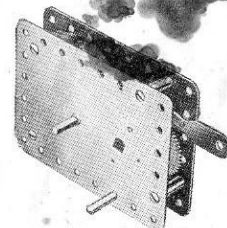
## TRANSFORMER



By means of this transformer the Meccano 6-volt Electric Motors may be driven from the main supply (alternating current only). It is available for all standard supply voltages, from 100 to 250 inclusive, at all standard frequencies. The supply voltage and frequency must be specified when ordering.

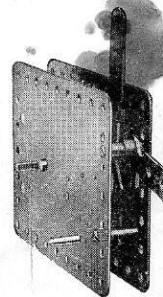
## MECCANO CLOCKWORK MOTOR No. 1 (Non-Reversing)

A long-running and highly efficient clockwork motor (non-reversing), fitted with a brake lever by means of which it may be stopped and started, as desired.



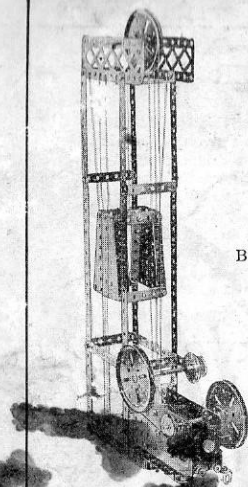
## MECCANO CLOCKWORK MOTOR No. 2 (Reversing)

This strongly-built clockwork motor is a compact self-contained power unit. An efficient governor controls the powerful spring that is fitted on the motor, and ensures a long steady run at each winding. Brake and reverse levers enable the motor to be stopped, started and reversed, as required.

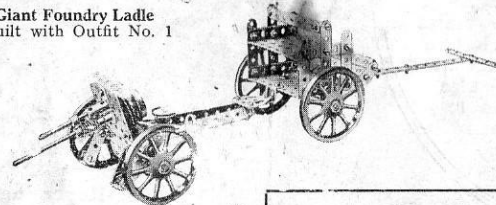


Ask your dealer for a Meccano price list, and keep it by you for reference.

# Build Bigger and Better Models!

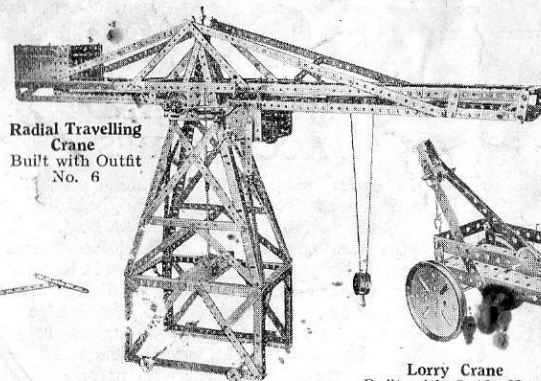


**Giant Foundry Ladle**  
Built with Outfit No. 1

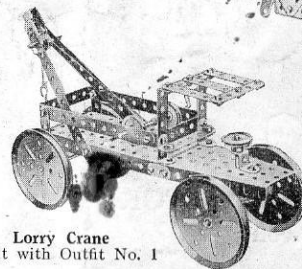


**Field Gun and Carriage**  
Built with Outfit No. 5

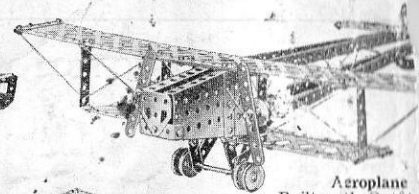
**Electric Elevator**  
Built with Outfit No. 1



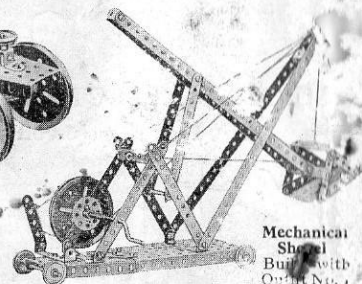
**Radial Travelling Crane**  
Built with Outfit No. 6



**Lorry Crane**  
Built with Outfit No. 1



**Aeroplane**  
Built with Outfit No. 1



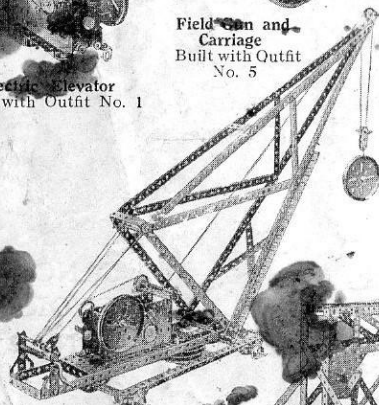
**Mechanical Shovel**  
Built with Outfit No. 1

**Keep Adding to Your Outfit**

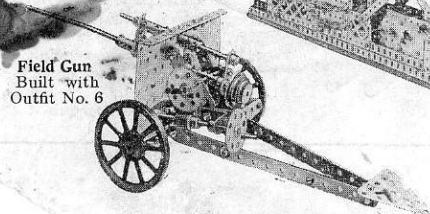
The more Meccano parts you have, the bigger and better the models you are able to build. Keen and enthusiastic model-builders keep adding to their Outfits, until they are able to build all the wonderful models shown in the Meccano Manuals. As your equipment grows bigger and bigger, so will the fun and enjoyment increase.

The model-building possibilities of the Meccano System are limitless. All the fine models illustrated on this page are examples of the types you will be able to build as your Outfit develops.

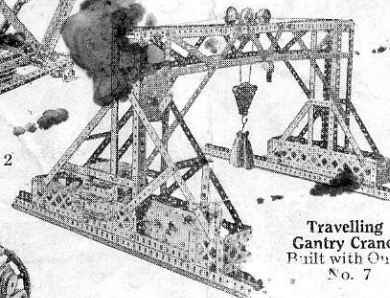
You can purchase separate Meccano parts as you require them, or, if you prefer, you can purchase Accessory Outfits that connect all the main Outfits. Ask your dealer for complete illustrated price lists of Meccano Parts and Accessory Outfits and keep these by you for reference.



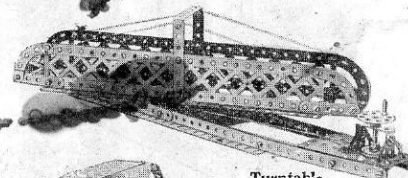
**Travelling Jib Crane**  
Built with Outfit No. 2



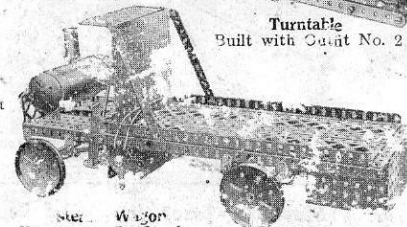
**Field Gun**  
Built with Outfit No. 6



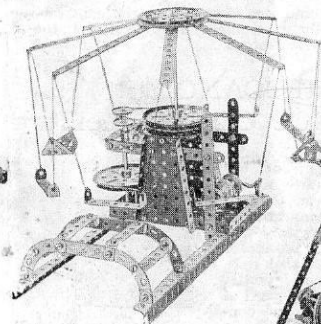
**Travelling Gantry Crane**  
Built with Outfit No. 7



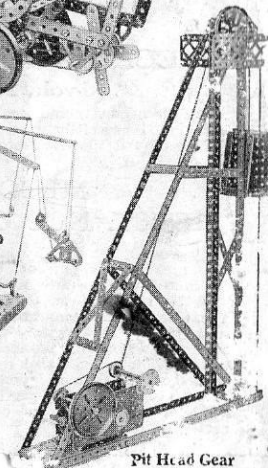
**Turntable**  
Built with Outfit No. 2



**Steam Wagon**  
Built with Outfit No. 2



**Roundabout**  
Built with Outfit No. 2



**Pit Head Gear**  
(Electrically Operated)  
Built with Outfit No. 2