

MECCANO

(TRADE MARKS 298321, 499966, 76, 12633, 10274, 55/13479, 569/13, 884/23, 29113, 80, 124, 336, 18066, 5403, 41812, 4174, 9048, 5549, 2389, 91637, 83171, 157149, 32822, 200639, 209733, 214061, 214062, 12892, 29094, 33316, 1818, 16737, 16900, 72286, 49497, 1-5-6, 139420, 383/13, 5848, 50204, 10/12258, 22826, 18982, 20063/925, 2169, 7315, 29041, 26877, 6595)

HORNBY'S ORIGINAL SYSTEM—FIRST PATENTED IN 1901

INSTRUCTIONS

FOR OUTFIT

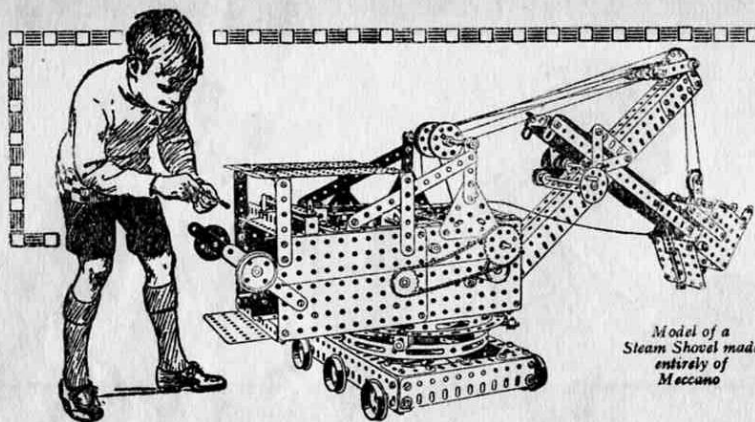
No. 0



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No. 29.0

ENGLISH EDITION



*Model of a
Steam Shovel made
entirely of
Meccano*

A TALK WITH NEW MECCANO BOYS

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

MECCANO ACCESSORY OUTFITS

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

HOW TO BUILD WITH MECCANO

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

THE LIFE OF A MECCANO BOY

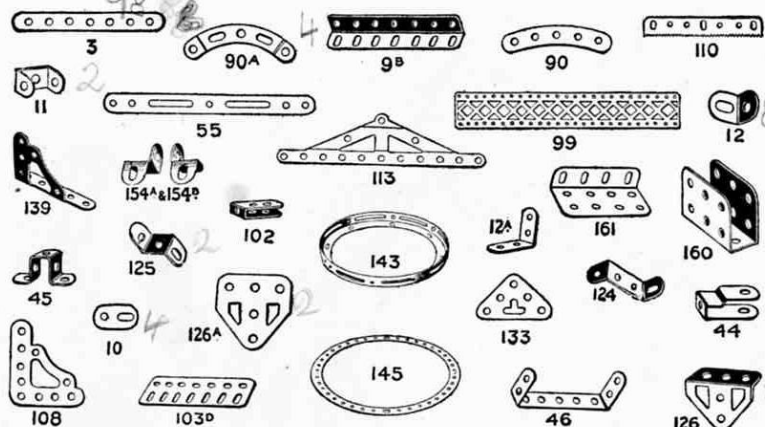
A Meccano boy is the happiest boy in the world. He builds models from the Meccano Instruction books ; invents new models ; enters the Competitions which are always being held in connection with the hobby ; joins the Meccano Guild and a Meccano Club and by wearing the Guild badge proclaims himself to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

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

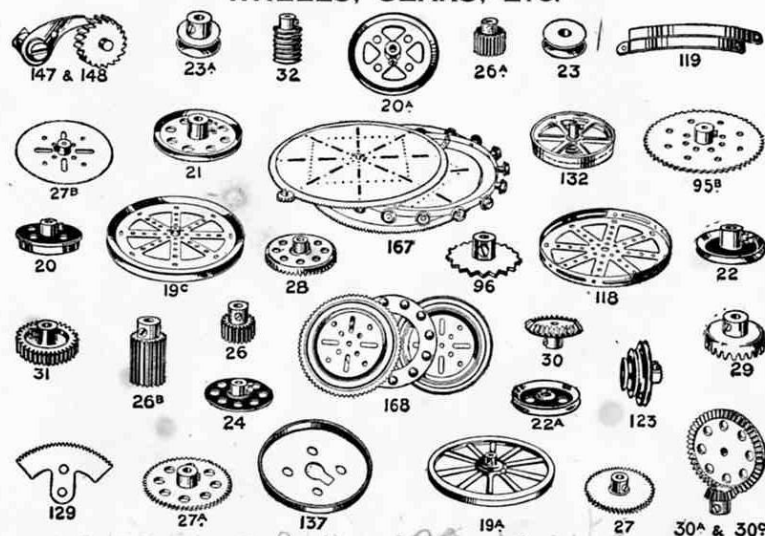
Write to the Editor, "Meccano Magazine," Old Swan, Liverpool, enclosing 6d. in stamps. He will then forward a specimen copy of the "M.M." post free. If you wish to become a regular subscriber the rates are 4/- for six issues or 8/- for twelve issues, post free.

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

STRIPS, GIRDERS AND BRACKETS



WHEELS, GEARS, ETC.



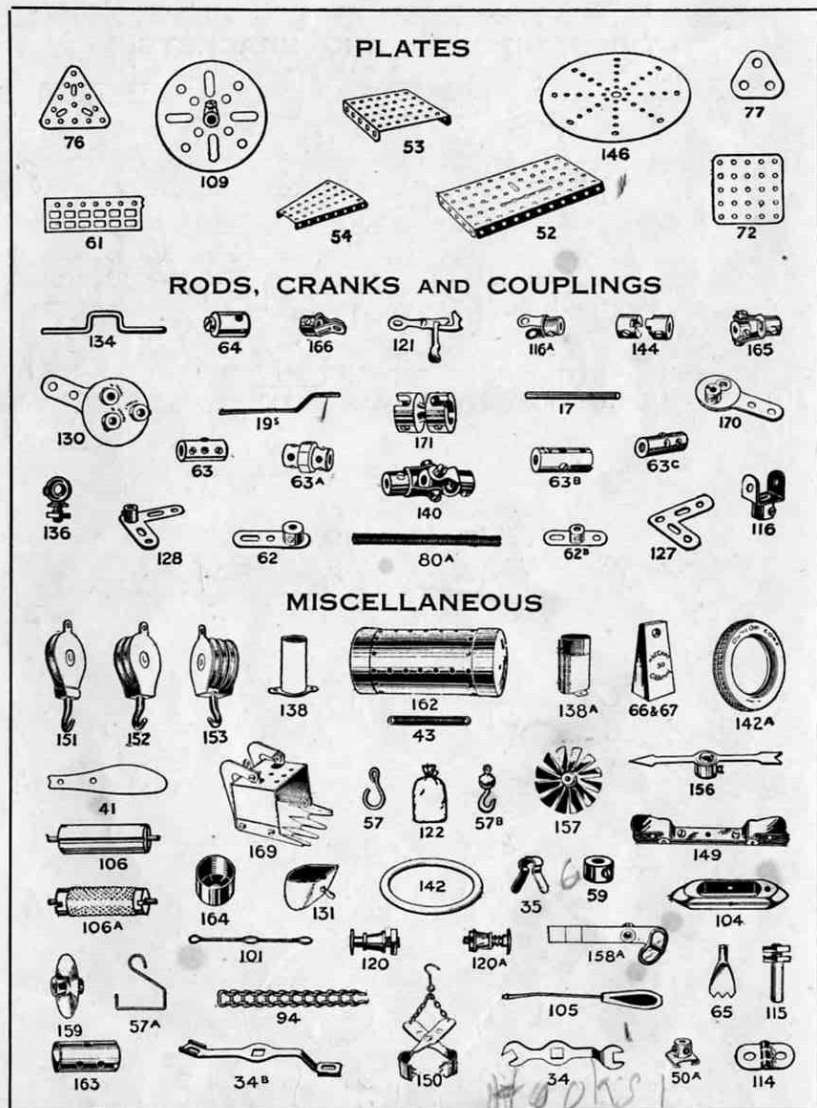
Particulars and Prices of Meccano Parts

No.	s. d.	No.	s. d.	No.	s. d.
12a. 12 1/2" 1 doz.	1 0	3. 3 1/2" ... 1 doz.	0 4	37. Nuts and Bolts, 7/32" per box (doz.)	0 6
1a. 12 1/2" 1 doz.	0 9	4. 3" ... 1 doz.	0 3	37a. Nuts	0 3
1b. 7 1/2" ... 0 8	5. 2 1/2" ... 0 3			37b. Bolts, 7/32"	0 3
2. 5 1/2" ... 0 6	6. 2" ... 0 3			38. Washers	0 1
2a. 4 1/2" ... 0 5	6a. 1 1/2" ... 0 3			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	0 1
				46. Angle Strips, 2 1/2" x 1 1/2" ... 1 doz.	0 6
				47. " " " 2 1/2" x 1 1/2" ... 1 doz.	0 9
				47a. " " " 3" x 1 1/2" ... 1 doz.	1 0
				48. " " " 1 1/2" x 1 1/2" ... 1 doz.	0 4
				48a. " " " 2 1/2" x 1 1/2" ... 1 doz.	0 5
				48b. " " " 3" x 1 1/2" ... 1 doz.	0 6
				48c. " " " 4 1/2" x 1 1/2" ... 1 doz.	0 9
				48d. " " " 5 1/2" x 1 1/2" ... 1 doz.	0 9
				50a. Eye Pieces, with boss	each 0 4
				52. Perforated Flanged Plates, 5 1/2" x 2 1/2" ...	0 5
				52a. Flat Plates, 5 1/2" x 3 1/2"	0 5
				53. Perforated Flanged Plates, 3 1/2" x 2 1/2" ...	0 3
				53a. Flat Plates, 4 1/2" x 2 1/2"	0 3
				54. Perforated Flanged Sector Plates	0 3
				55. " Strips, slotted, 5 1/2" long	0 2
				55a. " " " 2"	0 1
				56. Instruction Manuals, No. 4-7	1 6
				56a. " " No. 00-3	1 6
				56b. " " No. 0	0 6
				56c. Meccano Standard Mechanisms Manual ...	1 0
				56d. Book of New Models	0 6
				56f. Bound Manual	7 6
				57. Hooks	2 for 0 1
				57a. " Scientific	each 0 1
				57b. " Loaded	0 3
				58. Spring Cord	per length 0 9
				58a. Coupling Screws for Spring Cord	doz. 0 6
				59. Collars with Set Screws	2 for 0 3
				61. Windmill Sails	4 for 0 6
				62. Cranks	each 0 3
				62a. Threaded Cranks	0 4
				62b. Double Arm Cranks	0 3
				63. Couplings	0 6
				63a. Octagonal Couplings	0 8
				63b. Strip Couplings	0 8
				63c. Threaded Couplings	0 6
				64. " Bosses	0 2
				65. Centre Forks	0 1
				66. Weights, 50 grammes	1 0
				67. " 25	1 0
				68. Woodscrews, 1 1/2"	doz. 0 3
				69. Set Screws	0 3
				69a. Grub Screws, 5/32"	0 4
				69b. " 7/32"	0 5
				70. Flat Plates, 5 1/2" x 2 1/2"	each 0 4
				72. 2 1/2" x 2 1/2"	0 2
				76. Triangular Plates, 2 1/2"	0 2
				77. " 1"	0 1
				78. 1 1/2" each 0 6	80a. 3 1/2" ... each 0 3
				79. 8" " 0 5	80b. 4 1/2" ... " 0 3
				79a. 6" " 0 4	81. 2" ... " 0 2
				80. 5" " 0 3	82. 1" ... " 0 1
				89. 5 1/2" Curved Strips, 10" radius	0 2

Particulars and Prices of Meccano Parts (continued)

No.		s.	d.	No.		s.	d.
89a.	3" Curved Strips, cranked, 1 1/2" radius, 4 to circle each	0	2	128.	Boss Bell Cranks	each	0 3
90.	2 1/2" " " 2 1/2" radius	0	1	129.	Rack Segments, 3" diam.	"	0 5
90a.	2 1/2" " " cranked, 1 1/2" radius, 4 to circle	0	1	130.	Eccentrics, Triple Throw	"	1 0
94.	Sprocket Chain	per 40" length	0 6	131.	Dredger Buckets	1/2 doz.	1 0
95.	" Wheels, 2" diam.	each	0 1	132.	Flywheels, 2 1/2" diam.	each	2 0
95a.	" " 1 1/2" " "	each	0 4	133.	Corner Brackets	"	0 1
95b.	" " 3" " "	each	0 6	134.	Crank Shafts, 1" stroke	"	0 2
96.	" " 1" " "	each	0 3	135.	Theodolite Protractors	"	0 3
96a.	" " 1/2" " "	each	0 3	136.	Handrail Supports	"	0 3
97.	Braced Girders, 3 1/2" long	1/2 doz.	0 9	137.	Wheel Flanges	"	0 3
97a.	" " 3" " "	each	0 8	138.	Ship's Funnels	"	0 9
98.	" " 2 1/2" " "	each	0 8	*138a.	Flanged Brackets (right)	"	0 2
99.	" " 1 1/2" " "	each	0 6	139.	" (left)	"	0 2
99a.	" " 1 1/4" " "	each	0 2	139a.	Universal Couplings	"	0 10
99b.	" " 7/8" " "	each	0 2	140.	Wire Lines (for suspending clock weights)	"	0 9
100.	" " 5/8" " "	each	0 1	141.	Rubber Rings, 3" rim	"	0 3
100a.	" " 4 1/4" " "	each	0 10	142.	Dunlop Tyre to fit 2" diam. rim	2 for	0 9
101.	Healds, for looms	doz.	0 9	142b.	" " 3" " "	each	0 6
102.	Single Bent Strips	each	0 1	142c.	" " 1" " "	"	0 3
103.	Flat Girders, 5 1/2" long	1/2 doz.	0 10	142d.	" " 1 1/2" " "	"	0 4
103a.	" " 9 1/4" " "	each	1 2	143.	Circular Girders, 5 1/2" diam.	"	1 0
103b.	" " 12 1/2" " "	each	1 3	144.	Dog Clutches	"	0 6
103c.	" " 4 1/2" " "	each	0 9	145.	Corner Strips, 7" diam. over all	"	0 9
103d.	" " 3 1/2" " "	each	0 7	146.	Plates, 6"	"	1 0
103e.	" " 3" " "	each	0 6	147.	Pawls, with pivot bolt and nuts	"	0 3
103f.	" " 2 1/2" " "	each	0 5	147a.	Pawls	"	0 2
103g.	" " 2" " "	each	0 4	147b.	Pivot Bolt with 2 nuts	"	0 2
103h.	" " 1 1/2" " "	each	0 4	148.	Ratchet Wheels	"	0 6
103k.	" " 1 1/4" " "	each	1 0	149.	Collecting Shoes, for Electric Locomotives	"	1 6
104.	Shuttles, for looms	each	5 0	150.	Crane Grabs	"	0 7
105.	Reed Hooks, for looms	each	0 4	151.	Pulley Blocks, Single Sheave	"	0 8
106.	Wood Rollers	each	1 6	152.	" " Two	"	0 9
106a.	Sand Rollers	each	1 9	153.	" " Three	"	1 0
107.	Tables for Designing Machines	"	1 6	154a.	Corner Angle Brackets, 1/2", right hand	1/2 doz.	0 6
108.	Architraves	each	0 2	154b.	Corner Angle Brackets, 1/2", left hand	"	0 6
109.	Face Plates, 2 1/2" diam.	each	0 4	155.	Rubber Rings, 1/2"	each	0 1
110.	Rack Strips, 3 1/2" diam.	each	0 2	156.	Pointers, 2" over all, with boss	"	0 4
110a.	" " 6 1/2" " "	each	0 3	157.	Fans, 2" diam.	"	0 4
111.	Bolts, 1/2"	2 for	0 1	158a.	Signal Arms, Home	"	0 5
111a.	" " 3/8" " "	3 for	0 1	158b.	" Distant	"	0 5
111c.	" " 1/4" " "	doz.	0 3	158c.	Circular Saws	"	1 0
113.	Girder Frames	each	0 3	159.	Channel Bearings, 1 1/2" x 1" x 1/2"	"	0 2
114.	Hinges	per pair	0 4	160.	Girder Brackets, 2" x 1" x 1/2"	2 for	0 3
115.	Threaded Pins	each	0 2	161.	Boiler complete with ends	each	1 0
116.	Fork Pieces, Large	each	0 3	162a.	" ends	each	0 3
116a.	" Small	each	0 3	163.	Sleeve Pieces	per pair	0 6
117.	Steel Balls, 1/2" diam.	doz.	0 6	164.	Chimney Adaptors	each	0 2
118.	Hub Discs, 5 1/2"	each	1 3	165.	Swivel Bearings	"	0 6
119.	Channel Segments (8 to circle, 1 1/2" diam.)	each	0 4	166.	End	"	0 3
120.	Buffers	each	0 2	167.	Geared Roller Bearings	"	20 0
120a.	Spring Buffers	per pair	0 8	167a.	Roller Races, geared, 192 teeth	"	4 6
120b.	Compression Springs	each	0 1	167b.	Ring Frames for Rollers	"	3 0
121.	Train Couplings	each	0 2	167c.	Pinions for Roller Bearings, 16 teeth	"	1 0
122.	Miniature Loaded Sacks	each	0 2	168.	Ball Bearings, 4" diam.	"	3 0
123.	Cone Pulleys	each	1 3	168a.	" Races, flanged disc	"	0 6
124.	Reversed Angle Brackets, 1"	1/2 doz.	0 4	168b.	" toothed	"	0 9
125.	" " 1 1/2" " "	each	0 3	168c.	" Casings, complete with balls	"	1 9
126.	Trunnions	each	0 2	169.	Digger Buckets	"	2 0
126a.	Flat Trunnions	each	0 1	170.	Eccentrics, 1/2" throw	"	0 9
127.	Simple Bell Cranks	each	0 1	171.	Socket couplings	"	0 9

* The series includes 25 funnels in the correct designs and colours of leading shipping companies. As new parts are frequently added to the Meccano system, the foregoing list is not necessarily complete. The latest illustrated list is obtainable free from your dealer on request.





WHAT THE GUILD MEANS

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

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

HOW TO BECOME A MEMBER

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

The price of the Guild membership badge is 7d. post free in the United Kingdom, and 1/- post free overseas. Boys overseas should ask their dealers for the name and address of the Meccano Agent in their country, who will be pleased to enrol them. A remittance for the necessary amount should be sent along with the form of application. The Guild badge is beautifully enamelled in blue and white and is made for wearing in the lapel of the coat.

MECCANO CLUBS

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

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



BADGE OF
MEMBERSHIP



GUILD
LEADER'S
BADGE



MECCANO GUILD
MEMBER'S CERTIFICATE

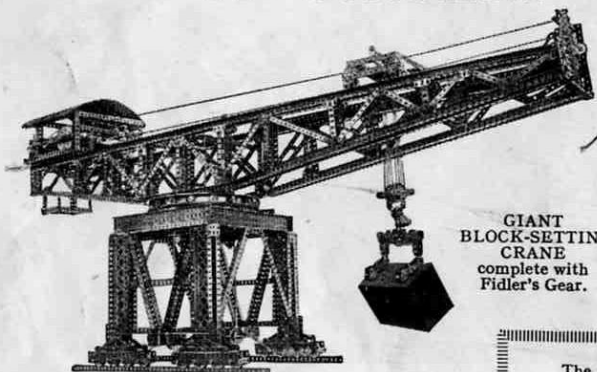


RECRUITING MEDALLION

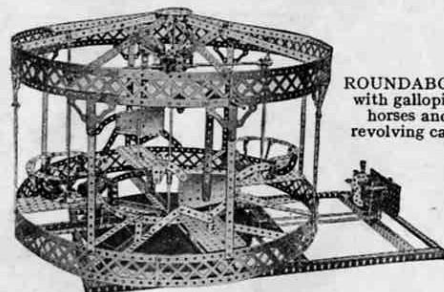


SPECIAL MERIT MEDALLION

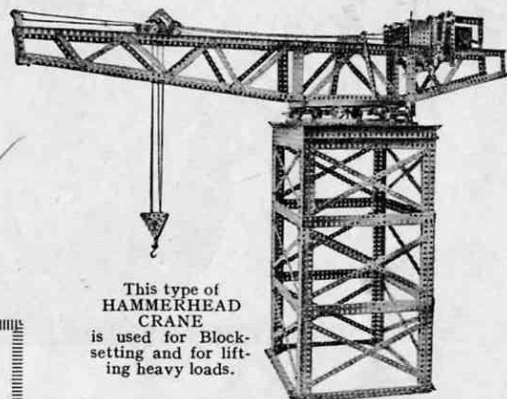
A Selection of Choice Meccano Models



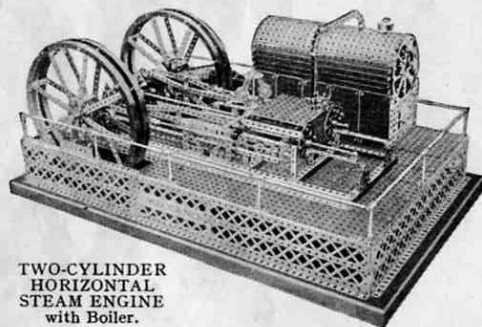
**GIANT
BLOCK-SETTING
CRANE**
complete with
Fidler's Gear.



ROUNDBABOUT
with galloping
horses and
revolving cars.



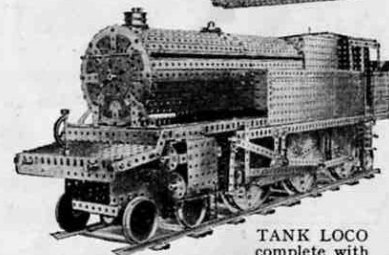
This type of
**HAMMERHEAD
CRANE**
is used for Block-
setting and for lift-
ing heavy loads.



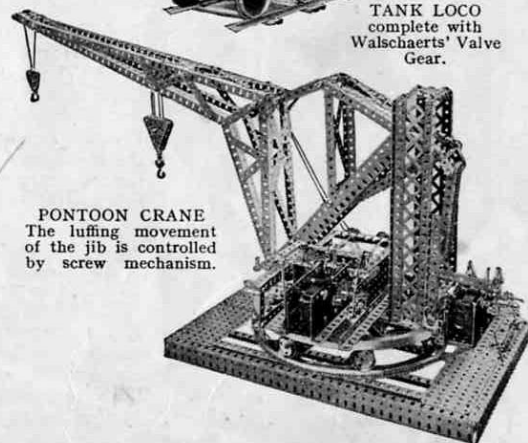
**TWO-CYLINDER
HORIZONTAL
STEAM ENGINE**
with Boiler.

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

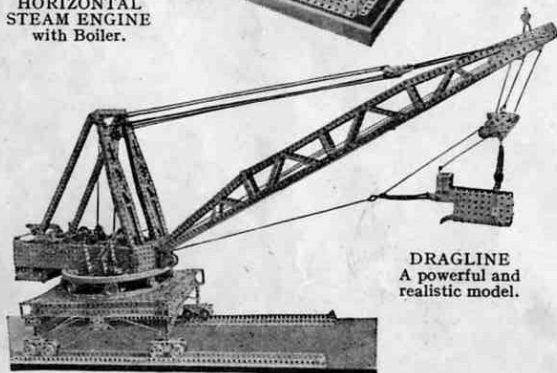
A descriptive leaflet giving full particulars of all the models in the series and the prices of the special Instruction Leaflets that are published in connection with them, may be obtained from your dealer or direct from Meccano Ltd., Binns Road, Old Swan, Liverpool.



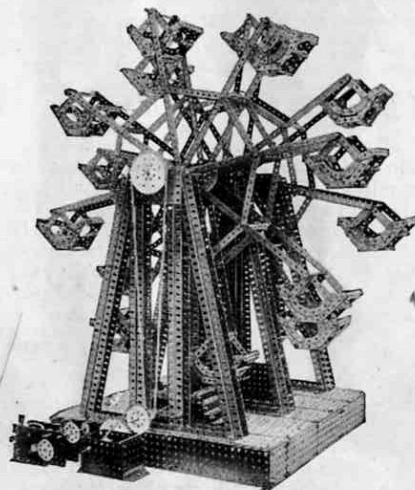
TANK LOCO
complete with
Walschaerts' Valve
Gear.



PONTOON CRANE
The luffing movement
of the jib is controlled
by screw mechanism.



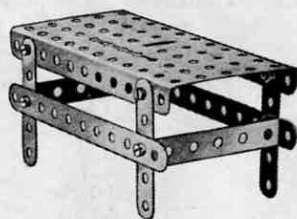
DRAGLINE
A powerful and
realistic model.



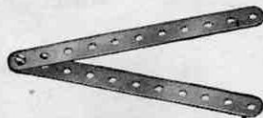
DOUBLE FLYBOATS. This is a most
impressive model when in motion.

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

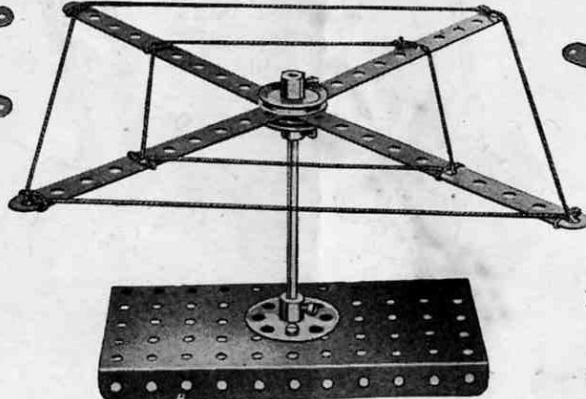
Model No. 00.1 Table



Model No. 00.2 Dividers



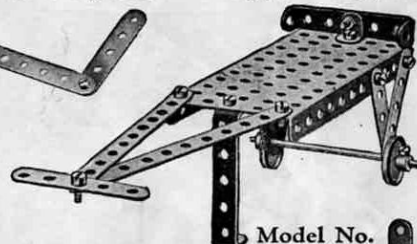
Model No. 00.4 Clothes Hanger



Model No. 00.5
Carpenter's Square



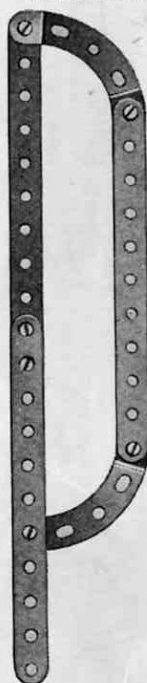
Model No. 00.7
Shipyards Bogie



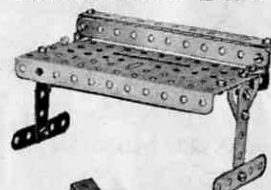
Model No. 00.3
Bench



Model No. 00.8
Meat Saw



Model No. 00.6 Desk

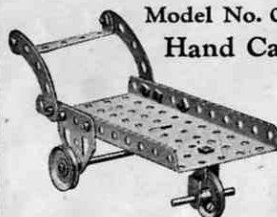


Model No.
00.15
Rifle with
Bayonet

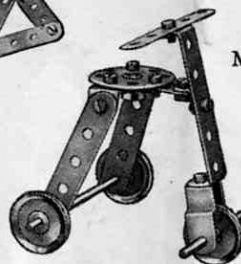
Model No. 00.14
Farm Sight



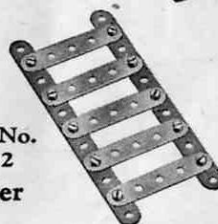
Model No. 00.9
Hand Cart



Model No. 00.11
Velocipede



Model No.
00.12
Ladder



Model No.
00.13
Trowel



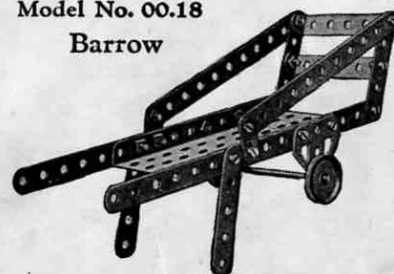
Model No.
00.10
Fire-Axe



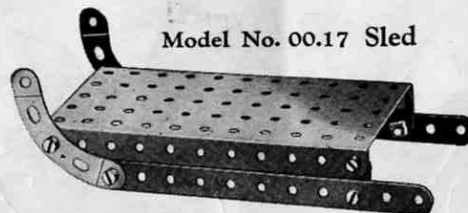
Model No.
00.16
Plough



Model No. 00.18
Barrow

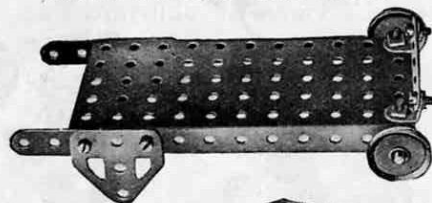


Model No. 00.17 Sled

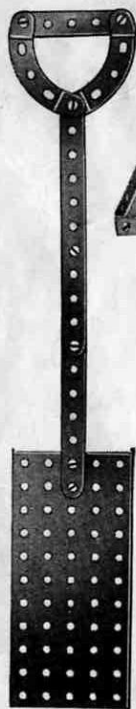


All these Models can be built with MECCANO Outfit No. 00

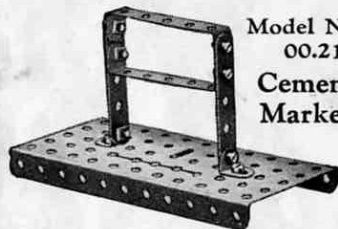
Model No. 00.19 Flat Truck



Model No.
00.20
Spade



Model No.
00.21
Cement
Marker

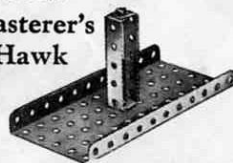


Model No. 00.22 Motor Boat

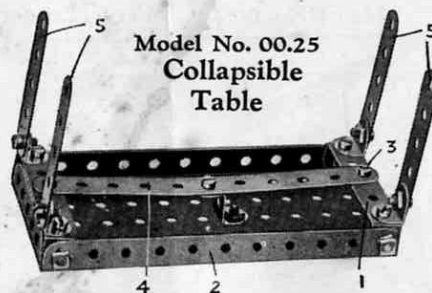
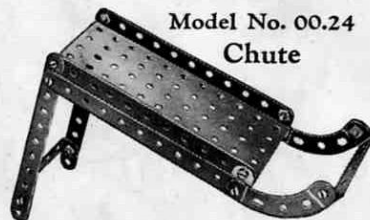


Model No.
00.23

Plasterer's
Hawk



Model No. 00.24
Chute



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

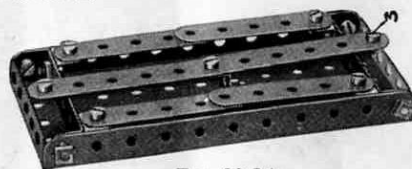
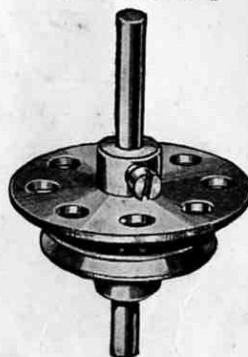
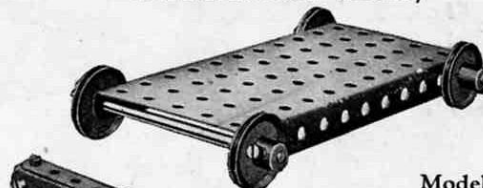


FIG. 00.25A

Model No. 00.26
Spinning Top



Model No. 00.27 Trolley

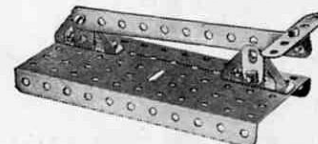


Model No.
00.29
Potato
Chopper

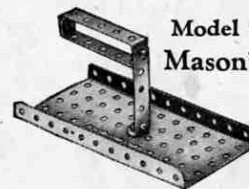
Model No. 00.28
Lewis Gun



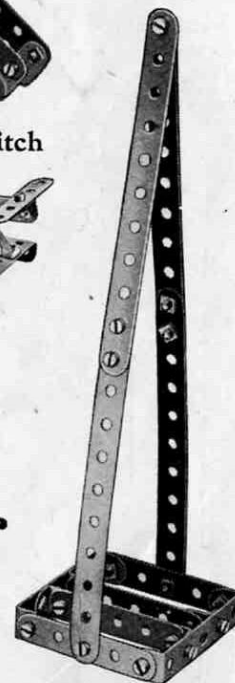
Model No. 00.30 Switch



Model No. 00.31
Mason's Trowel

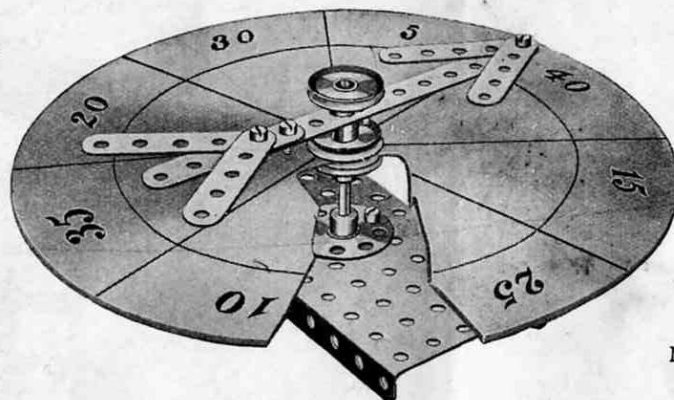


Model No. 00.32
Baggage Cart



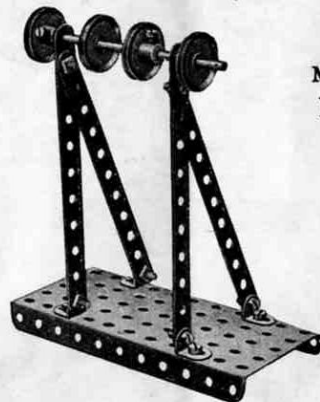
All these Models can be built with MECCANO Outfit No. 00

Model No. 00.38 Roulette Wheel

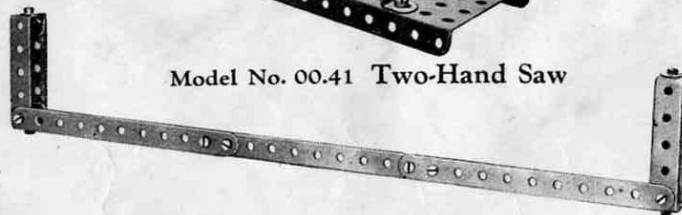


Cut out a circular piece of cardboard, and mark as shown to form scoring board. This is clamped between two 1" Pulley Wheels. The pointer revolves freely on the upright spindle and is held in position by another 1" Pulley Wheel.

Model No. 00.39 Pulley Shafting



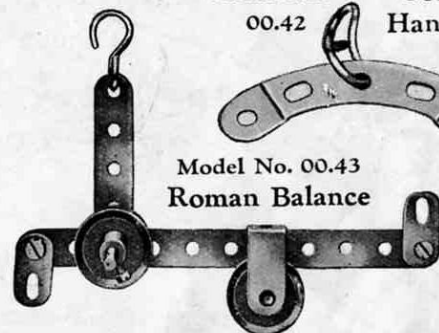
Model No. 00.41 Two-Hand Saw



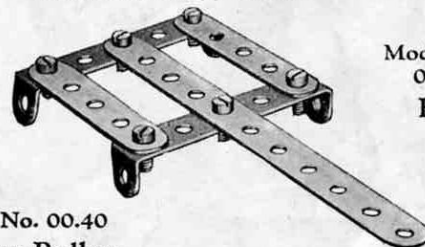
Model No. 00.42 Coat Hanger



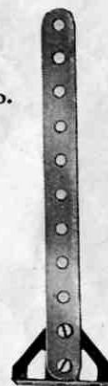
Model No. 00.43 Roman Balance



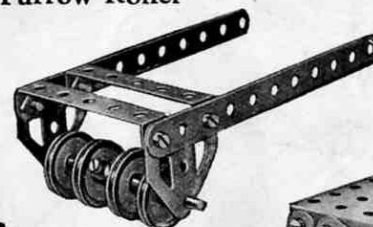
Model No. 00.44 Grill



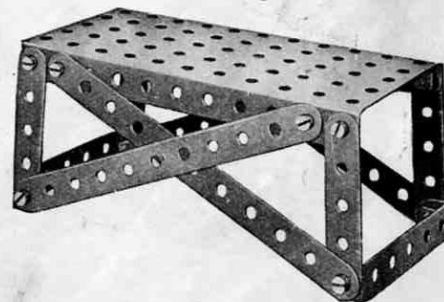
Model No. 00.45 Hoe



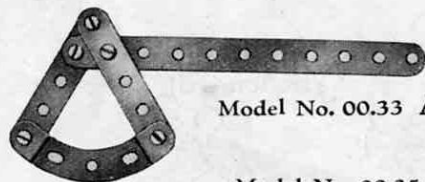
Model No. 00.40 Furrow Roller



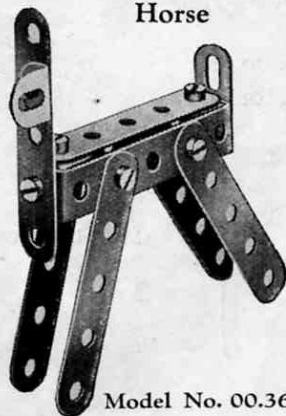
Model No. 00.46 Planing Bench



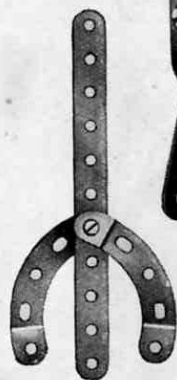
Model No. 00.33 Axe



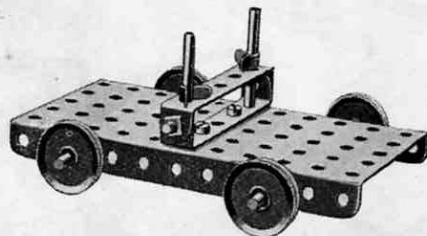
Model No. 00.35 Horse



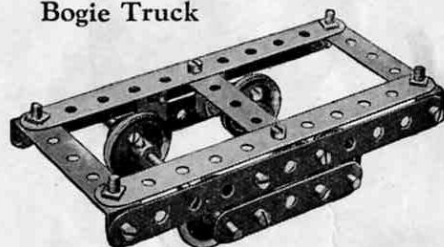
Model No. 00.34 Fork



Model No. 00.36 Lumber Truck

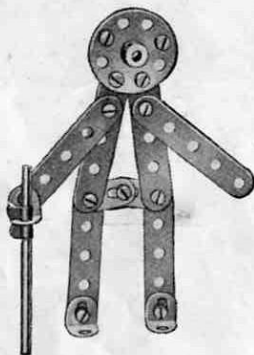


Model No. 00.37 Bogie Truck

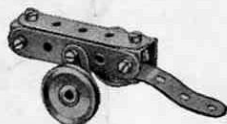


All these Models can be built with MECCANO Outfit No. 00

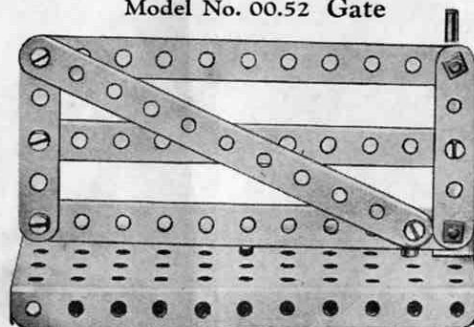
Model No. 00.47
Meccano Man



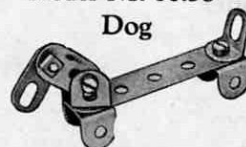
Model No. 00.48
Cannon



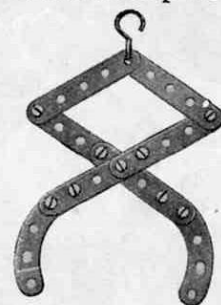
Model No. 00.52 Gate



Model No. 00.56
Dog



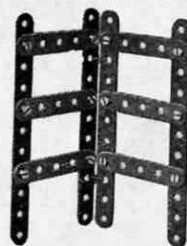
Model No. 00.57
Friction Grip Tongs



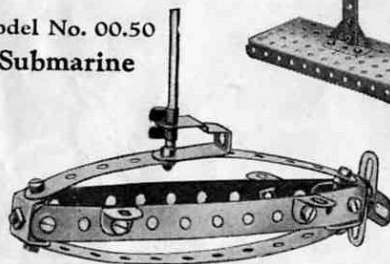
Model No. 00.49
Birdcage and Stand



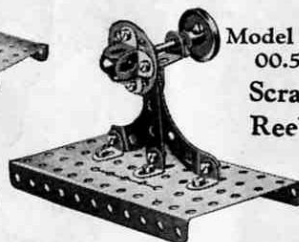
Model No. 00.58
Clothes Horse



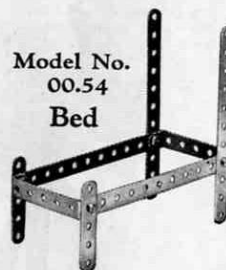
Model No. 00.50
Submarine



Model No. 00.53
Scrap Reel



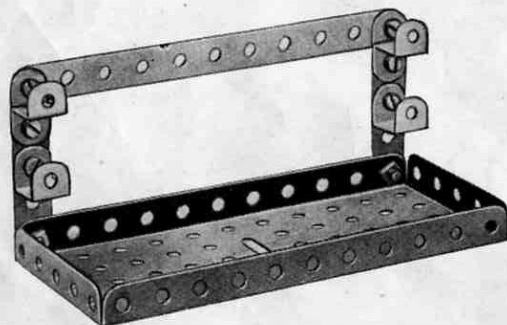
Model No. 00.54
Bed



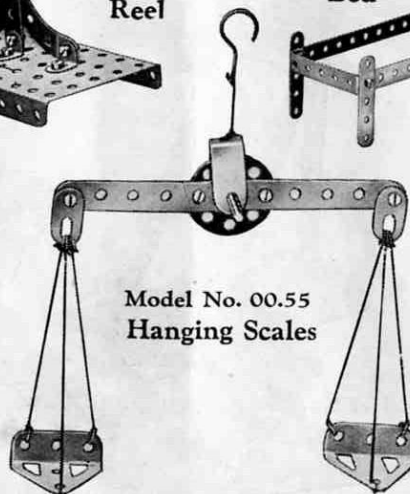
Model No. 00.59
Rake



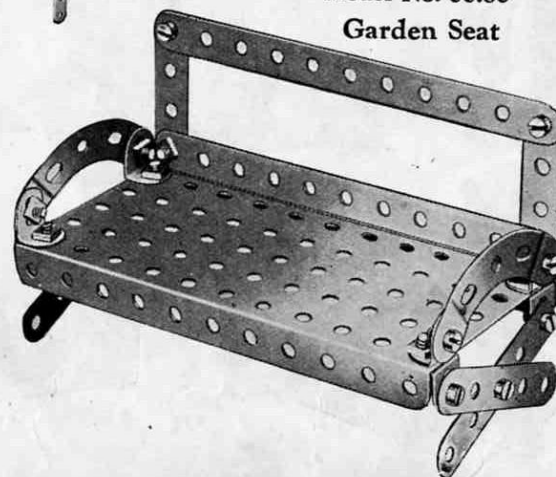
Model No. 00.51 Pen Rack



Model No. 00.55
Hanging Scales

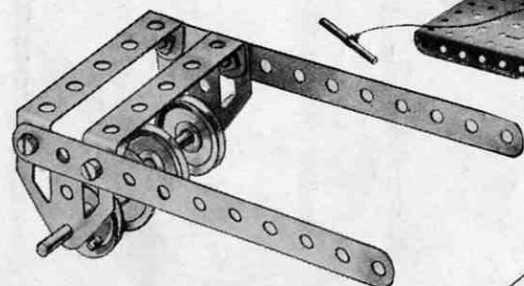


Model No. 00.60
Garden Seat



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

Model No. 00.61 Field Roller



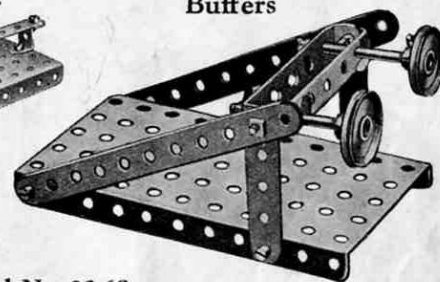
Model No. 00.62 Cheese Cutter



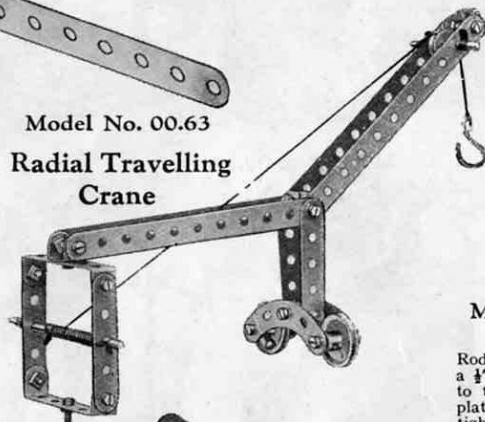
Model No. 00.67 Telegraph Key



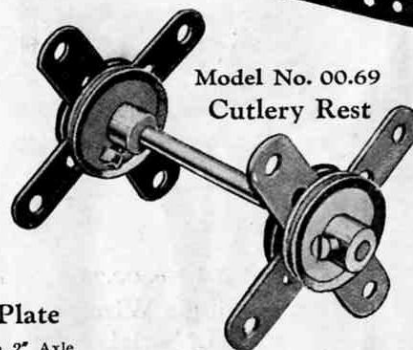
Model No. 00.68 Buffers



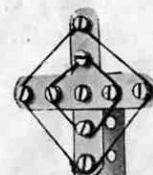
Model No. 00.63 Radial Travelling Crane



Model No. 00.69 Cutlery Rest

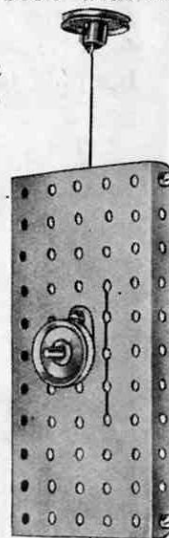


Model No. 00.71 Frame Aerial

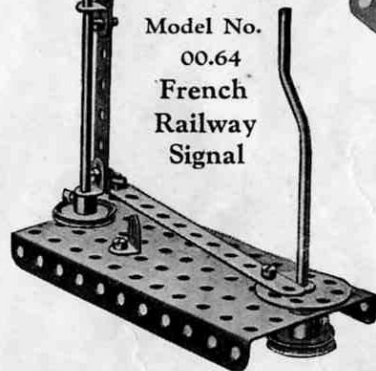


Model No. 00.66 Magic Plate

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



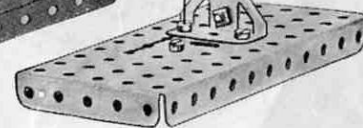
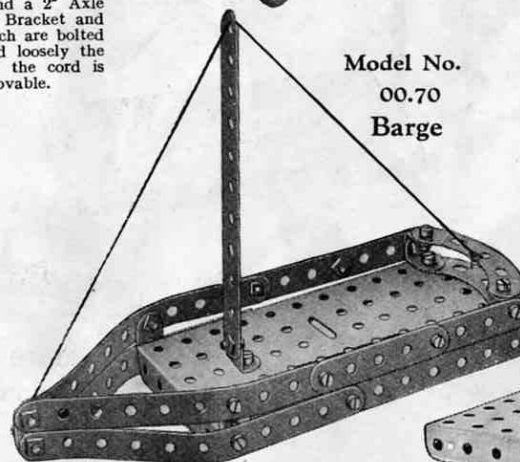
Model No. 00.64 French Railway Signal



Model No. 00.65 Print Trimmer

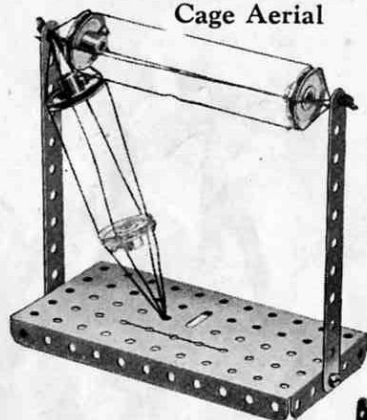


Model No. 00.70 Barge

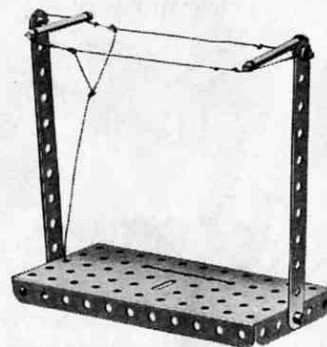


All these Models can be built with MECCANO Outfit No. 00

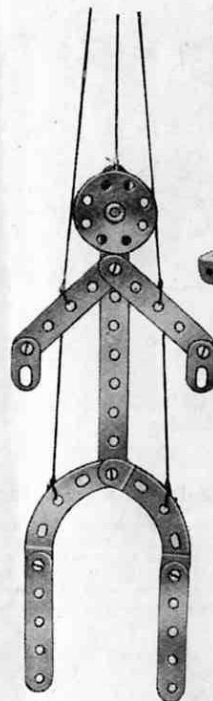
Model No. 00.72
Cage Aerial



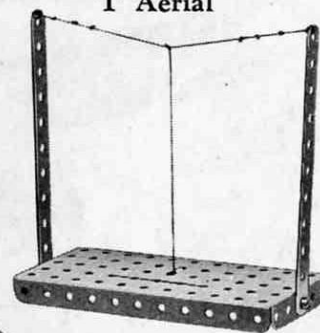
Model No. 00.73 Double Wire
L Aerial



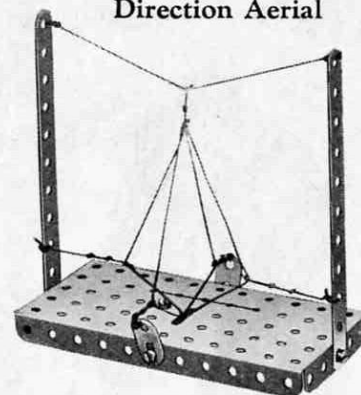
Model No. 00.74
Jumping Jack



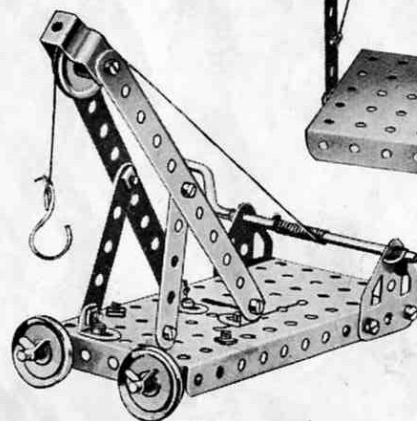
Model No. 00.75
Single Wire
T Aerial



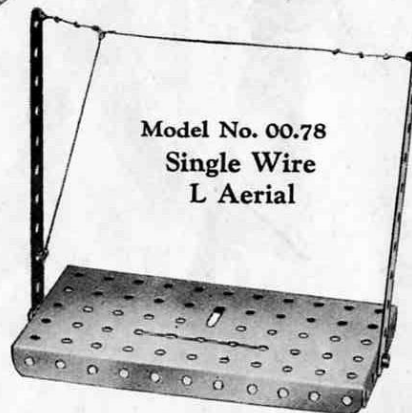
Model No. 00.76
Direction Aerial



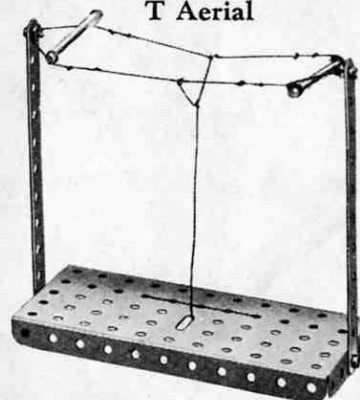
Model No. 00.77
Revolving Crane



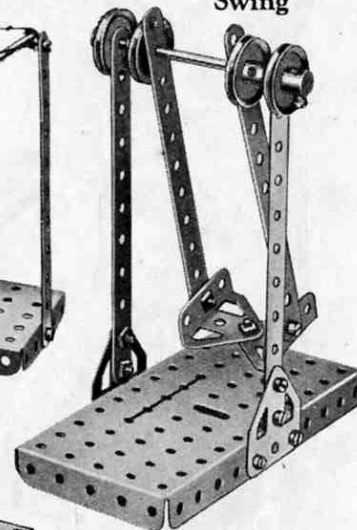
Model No. 00.78
Single Wire
L Aerial



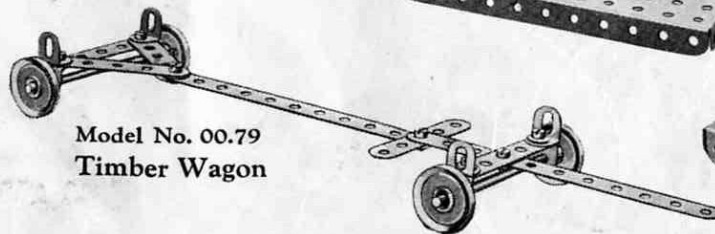
Model No. 00.80
Double Wire
T Aerial



Model No. 00.81
Swing



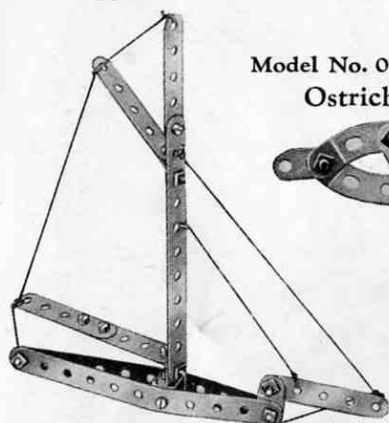
Model No. 00.79
Timber Wagon



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11

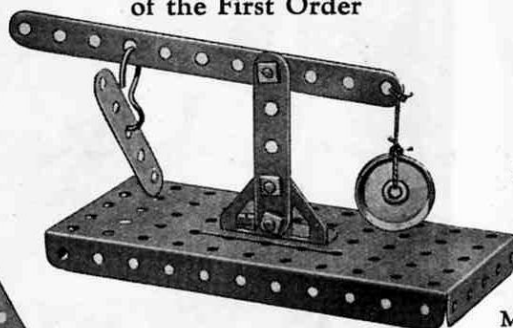
Model No. 00.82
Yacht



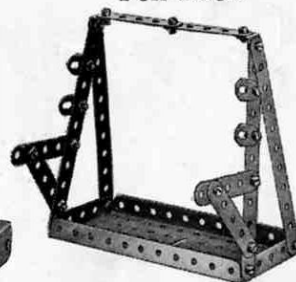
Model No. 00.83
Ostrich



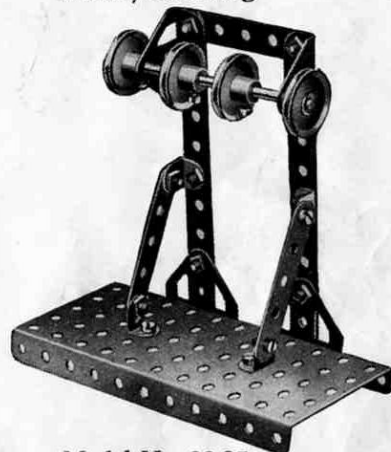
Model No. 00.85 Lever
of the First Order



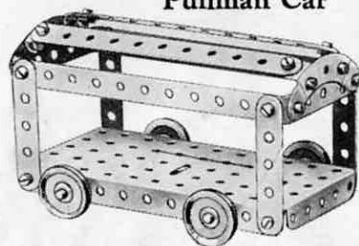
Model No. 00.94
Pen Rack



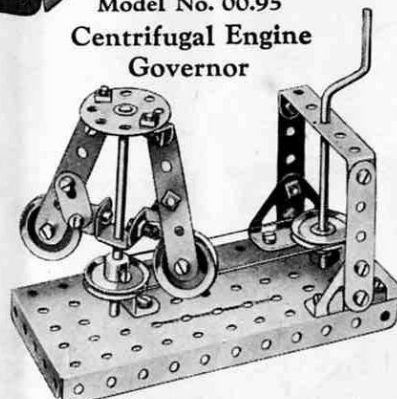
Model No. 00.96
Pulley Shafting



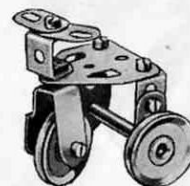
Model No. 00.84
Pullman Car



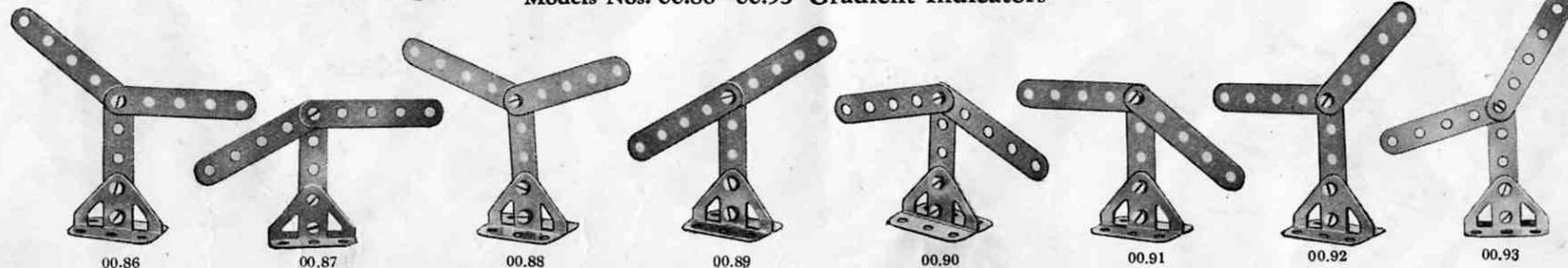
Model No. 00.95
Centrifugal Engine
Governor



Model No. 00.97
Tricycle



Models Nos. 00.86—00.93 Gradient Indicators



00.86

00.87

00.88

00.89

00.90

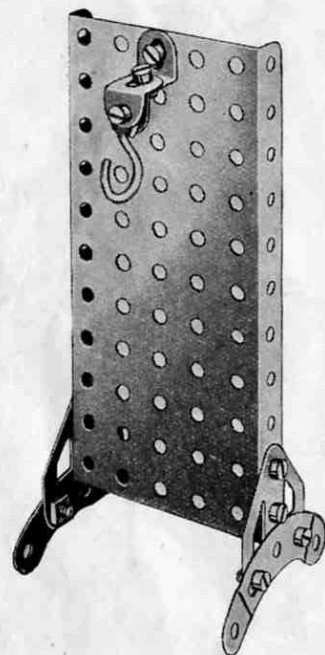
00.91

00.92

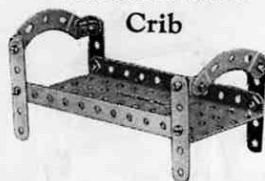
00.93

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

Model No. 00.98
Watch Stand



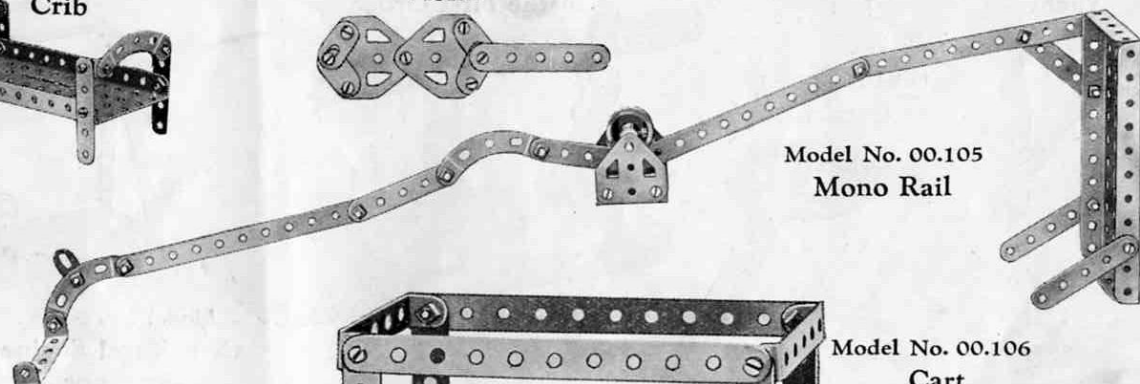
Model No. 00.99
Crib



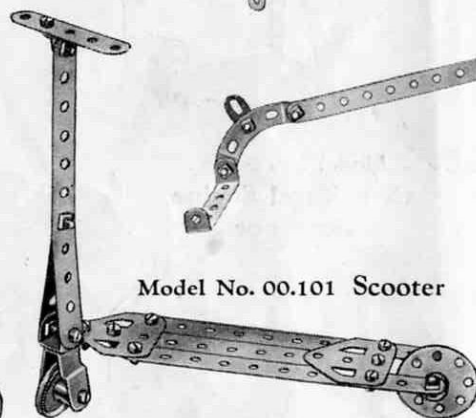
Model No. 00.100
Violin



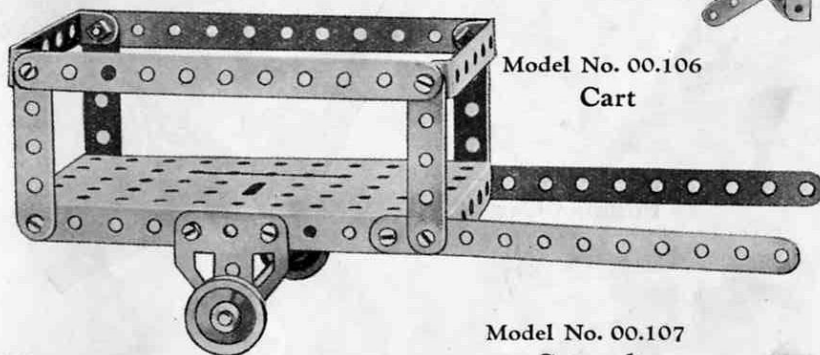
Model No. 00.105
Mono Rail



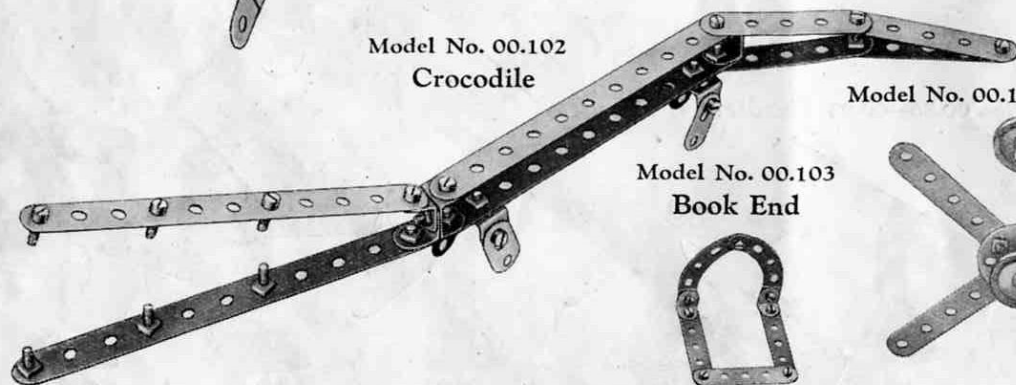
Model No. 00.101 Scooter



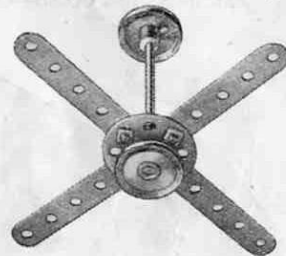
Model No. 00.106
Cart



Model No. 00.102
Crocodile



Model No. 00.104 Ceiling Fan

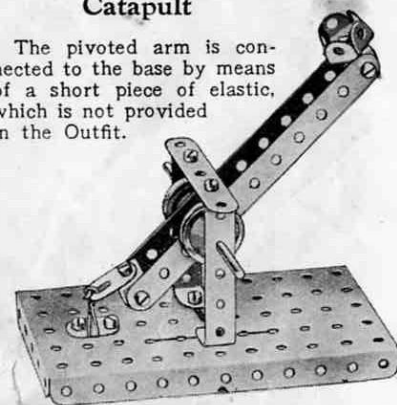


Model No. 00.103
Book End



Model No. 00.107
Catapult

The pivoted arm is connected to the base by means of a short piece of elastic, which is not provided in the Outfit.

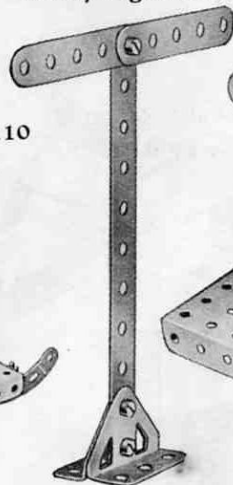


All these Models can be built with MECCANO Outfit No. 00

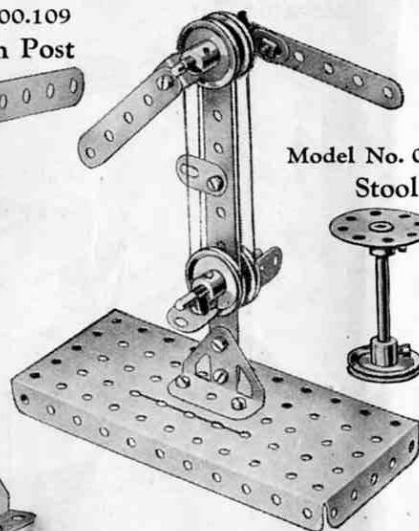
Model No. 00.108
Track Gauge



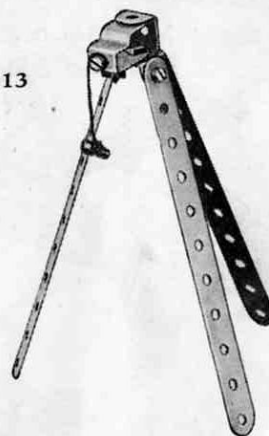
Model No. 00.109
2-way Sign Post



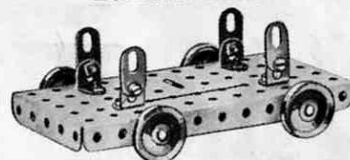
Model No. 00.112 Semaphore



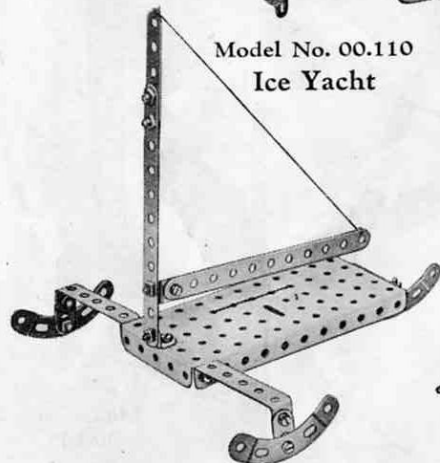
Model No. 00.116
Camera



Model No. 00.117
Lumber Truck



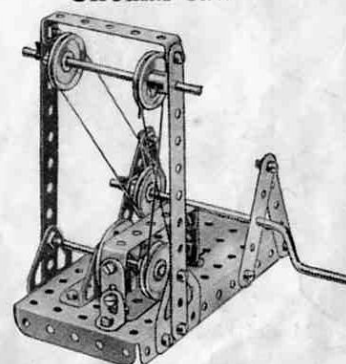
Model No. 00.110
Ice Yacht



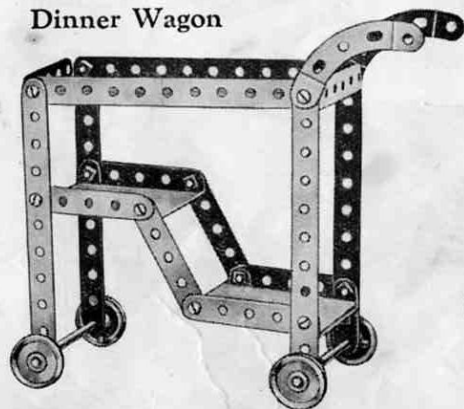
Model No. 00.113
Stool



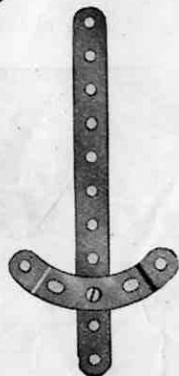
Model No. 00.118
Circular Saw



Model No. 00.111
Dinner Wagon



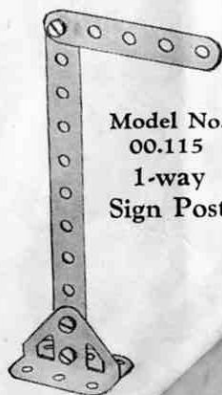
Model No. 00.114
Sword



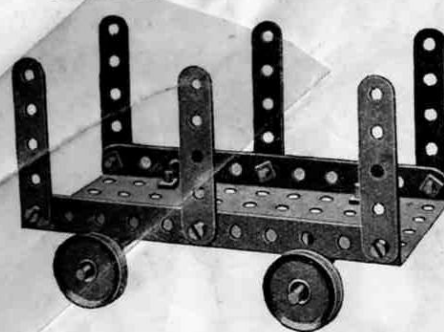
Model No. 00.119
Umbrella Stand



Model No.
00.115
1-way
Sign Post

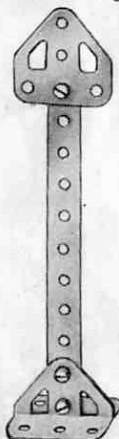


Model No. 00.120 Timber Truck



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

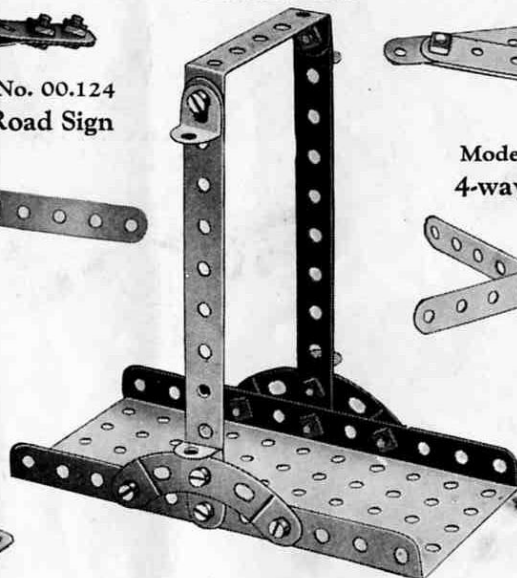
Model No. 00.121
Road Sign



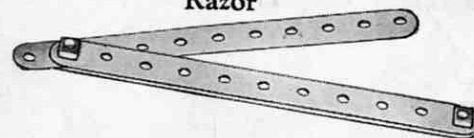
Model No. 00.122 Tweezers



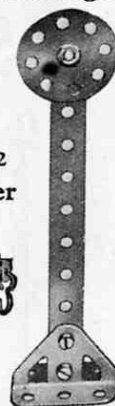
Model No. 00.128
Elevator Car



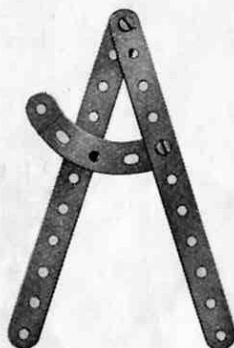
Model No. 00.130
Razor



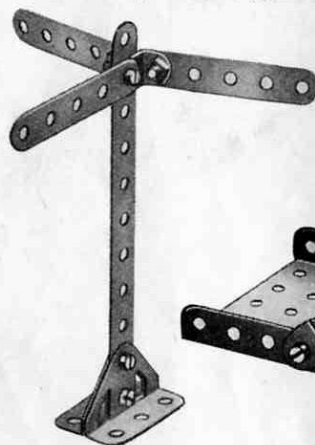
Model No. 00.133
Road Sign



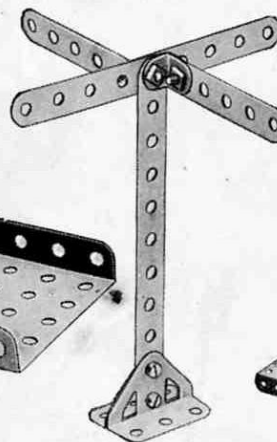
Model No.
00.123
Dividers



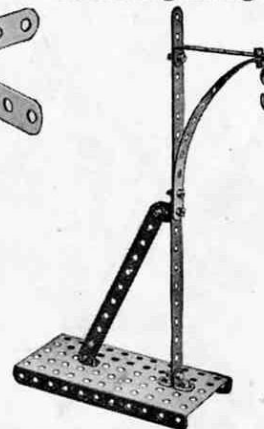
Model No. 00.124
3-way Road Sign



Model No. 00.131
4-way Road Sign



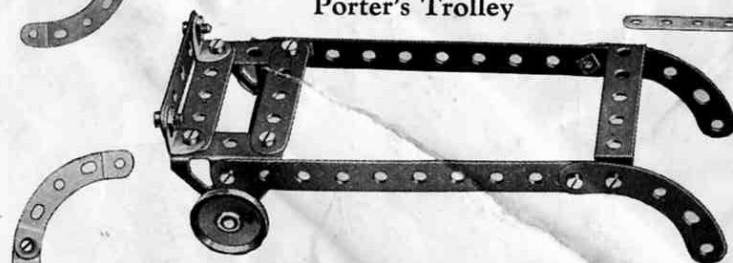
Model No. 00.132
Mail Bag Hanger



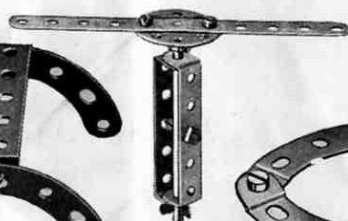
Model No. 00.125
Tin Opener



Model No. 00.126
Porter's Trolley



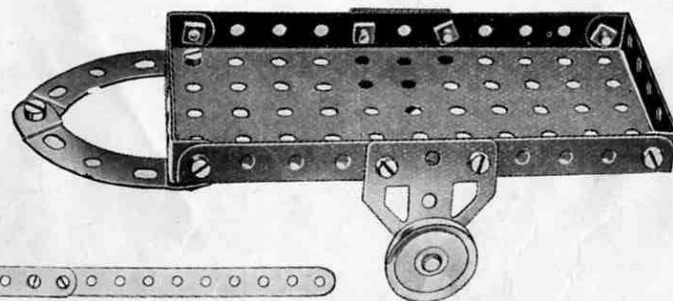
Model No. 00.129
Propeller



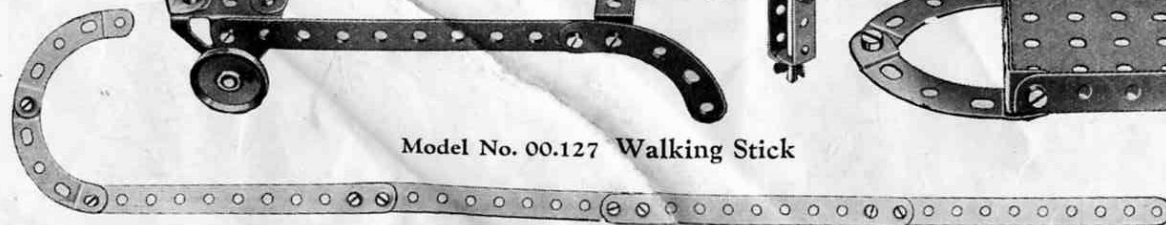
Model No.
00.135
Street
Lamp



Model No. 00.134 Hand Truck



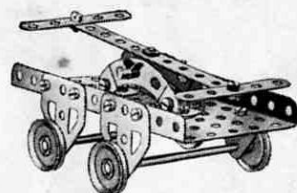
Model No. 00.127 Walking Stick



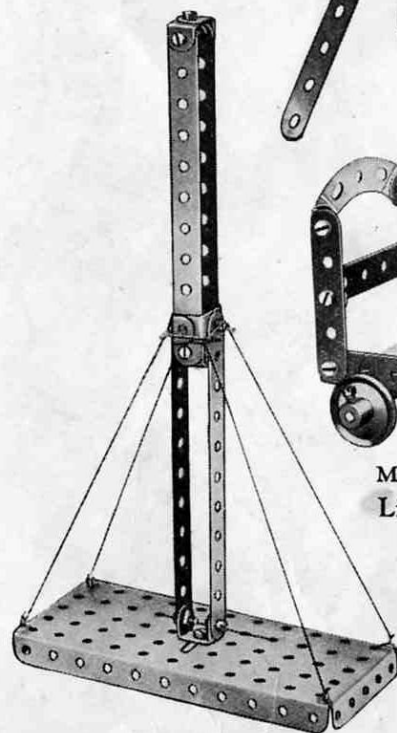
All these Models can be built with MECCANO Outfit No. 00

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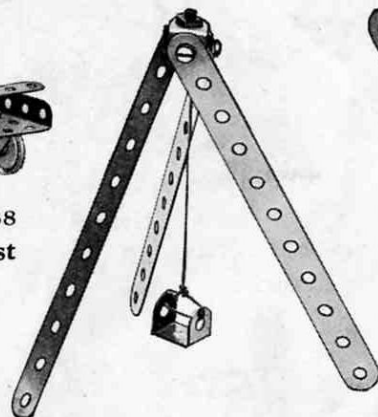
Model No. 00.136
Hand Car



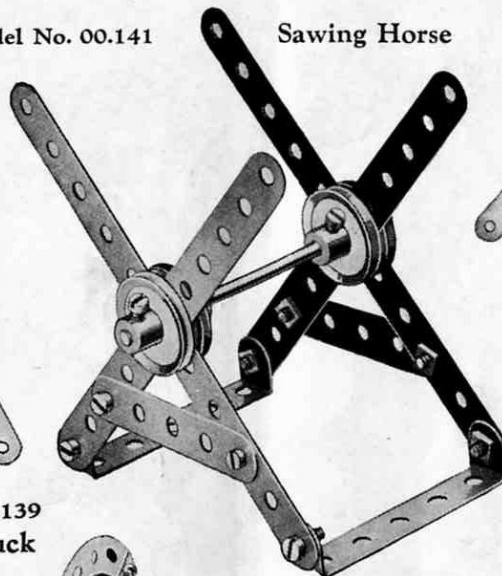
Model No. 00.138
Telescopic Mast



Model No. 00.137
Tripod

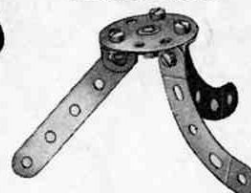


Model No. 00.141

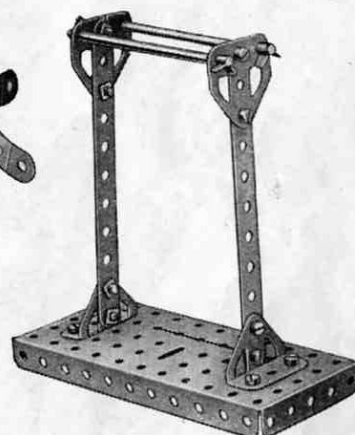


Sawing Horse

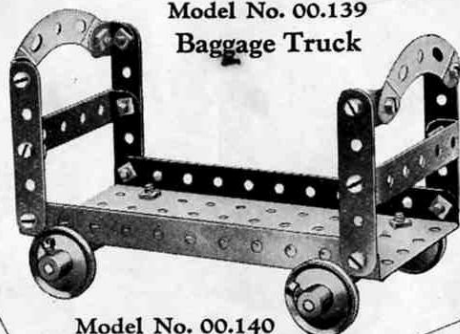
Model No. 00.142
Piano Stool



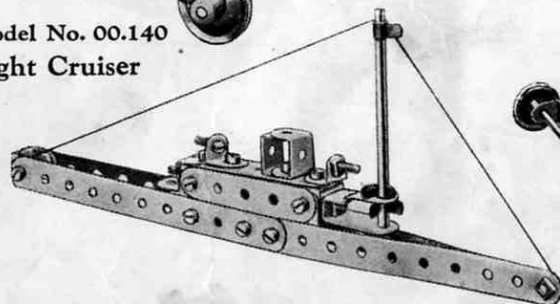
Model No. 00.143
Towel Horse



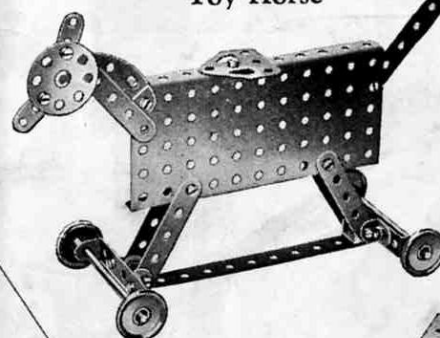
Model No. 00.139
Baggage Truck



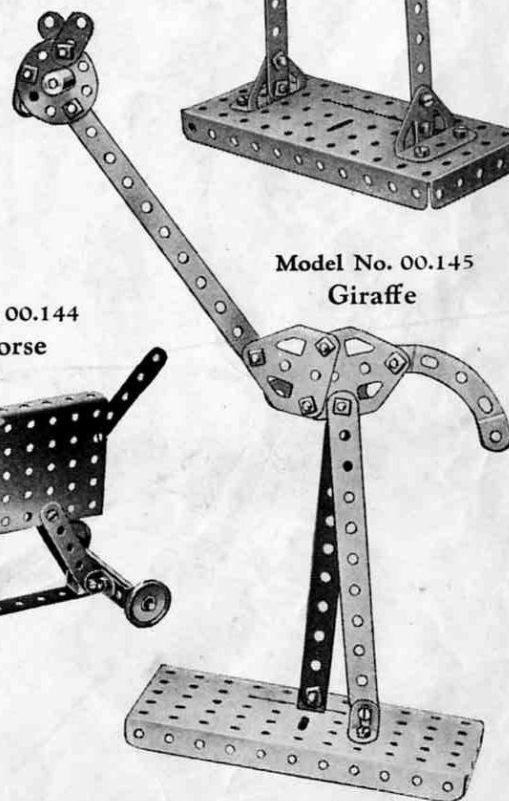
Model No. 00.140
Light Cruiser



Model No. 00.144
Toy Horse

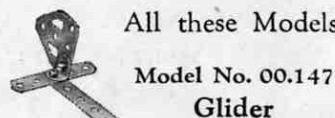
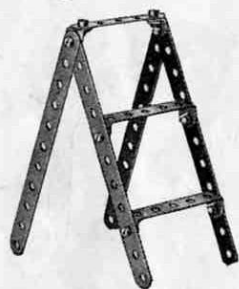


Model No. 00.145
Giraffe



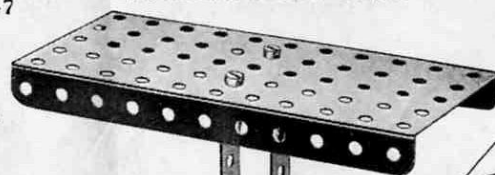
16

Model No. 00.146
Step Ladder

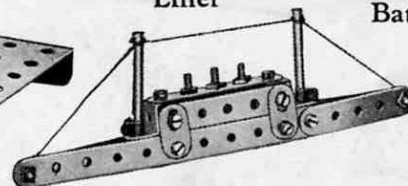


Model No. 00.147
Glider

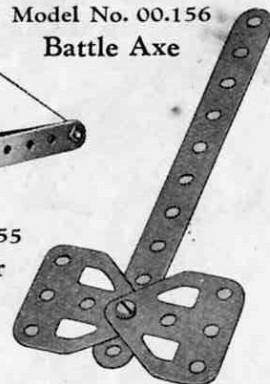
Model No. 00.151 Table



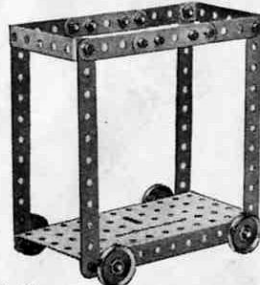
Model No. 00.153
Liner



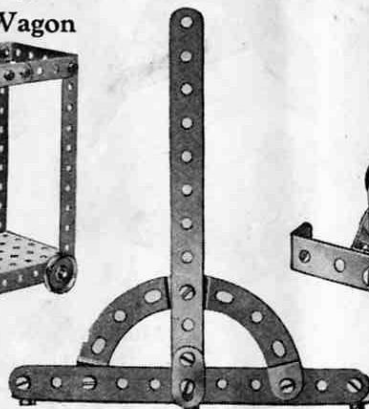
Model No. 00.156
Battle Axe



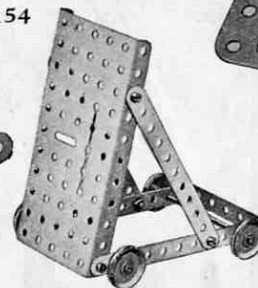
Model No. 00.148
Refreshment Wagon



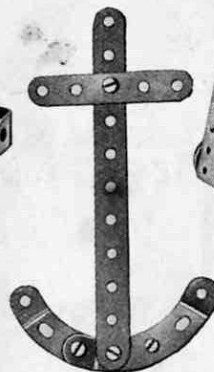
Model No. 00.149
Rake



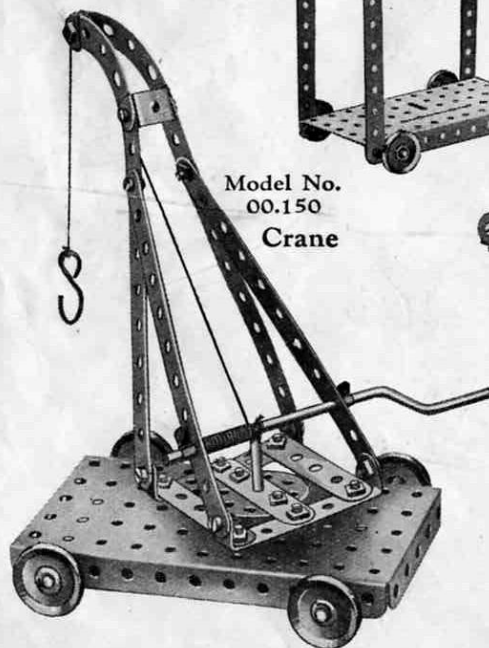
Model No. 00.155
Gravel Sifter



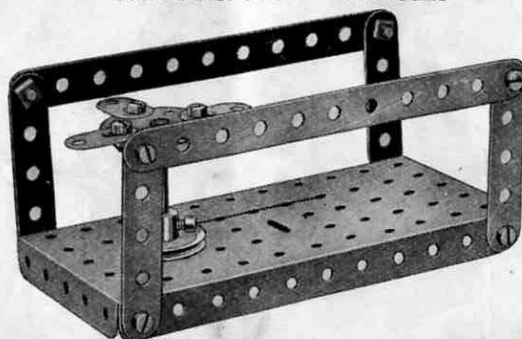
Model No. 00.154
Anchor



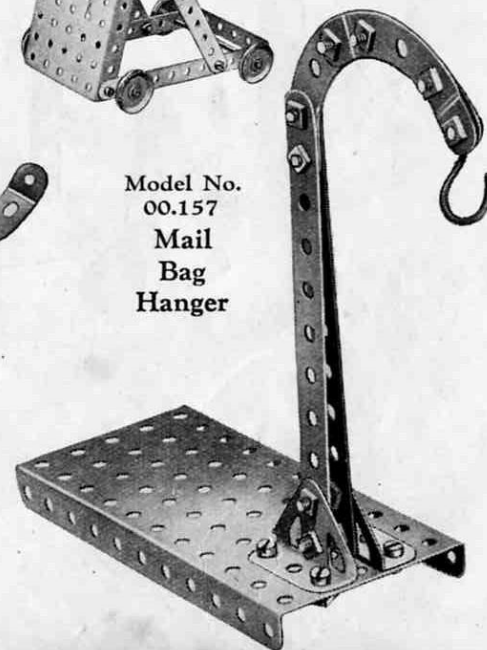
Model No.
00.150
Crane



Model No. 00.152 Turnstile

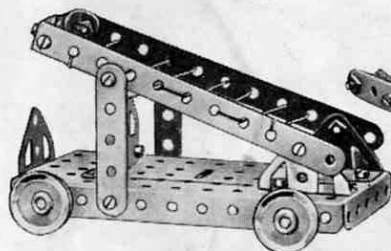


Model No.
00.157
Mail
Bag
Hanger

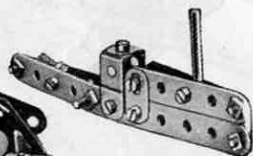


All these Models can be built with MECCANO Outfit No. 00

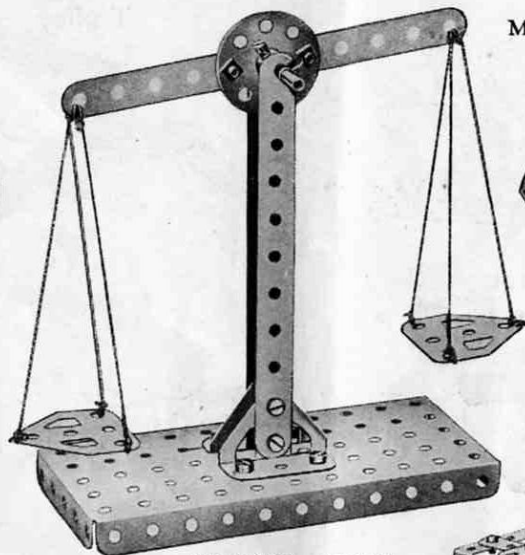
Model No. 00.158
Fire Escape



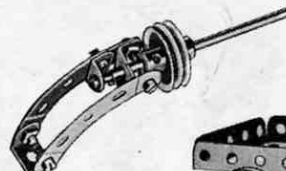
Model No. 00.159
Torpedo Boat



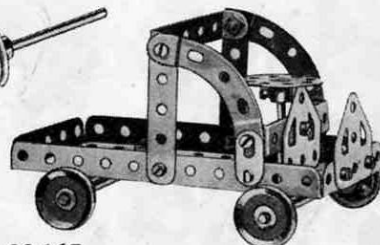
Model No. 00.163 Scales



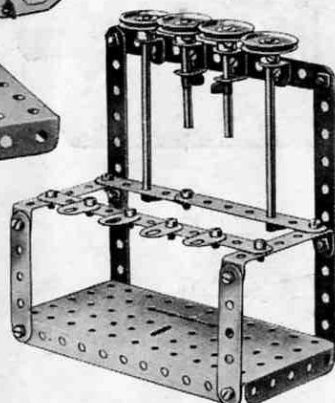
Model No. 00.165 Pistol



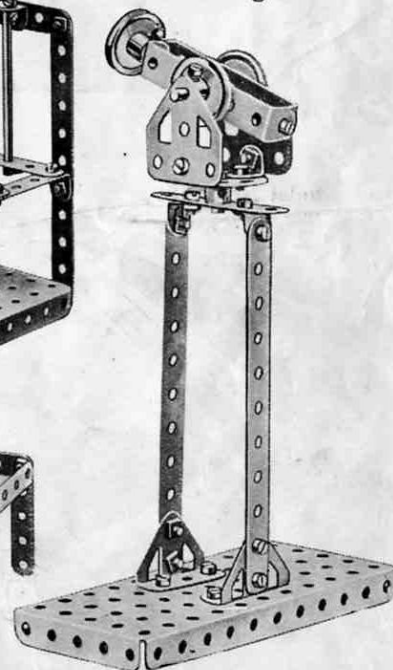
Model No. 00.166
Motor Car



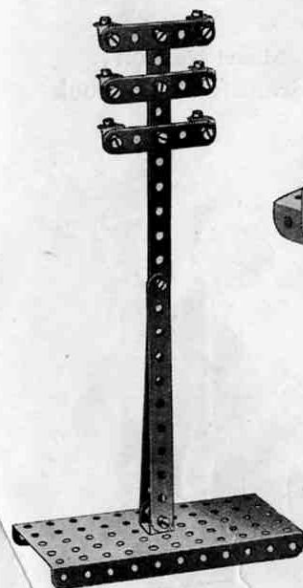
Model No. 00.167
Organ



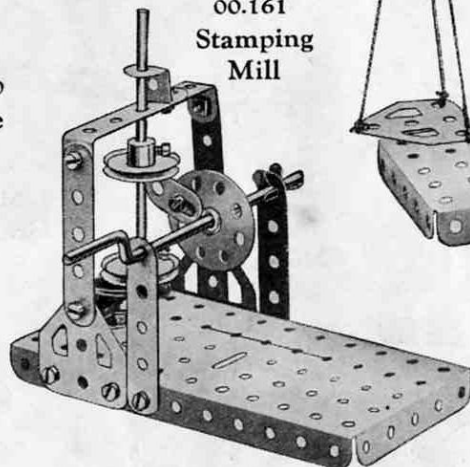
Model No. 00.169
Searchlight



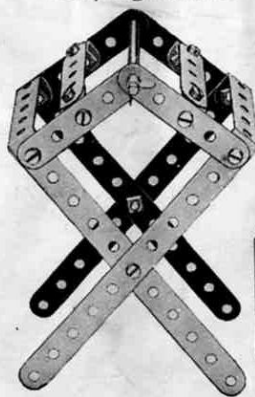
Model No. 00.160
Telegraph Pole



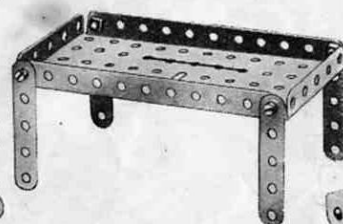
Model No.
00.161
Stamping
Mill



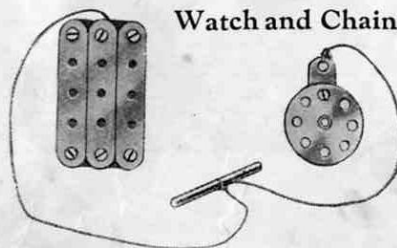
Model No. 00.164
Clothes
Drying Frame



Model No. 00.168
Drinking Trough

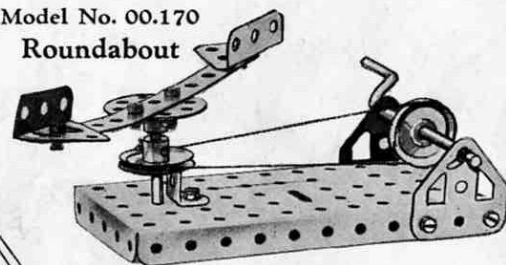


Model No. 00.162
Watch and Chain

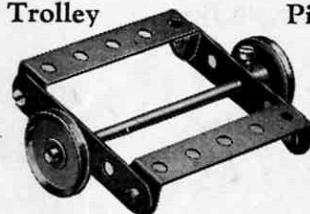


All these Models can be built with MECCANO Outfit No. 00

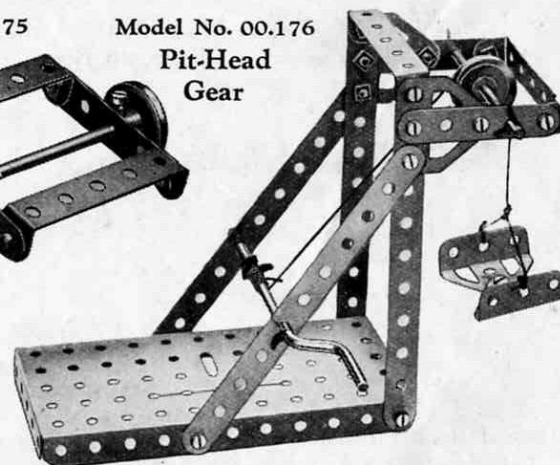
Model No. 00.170
Roundabout



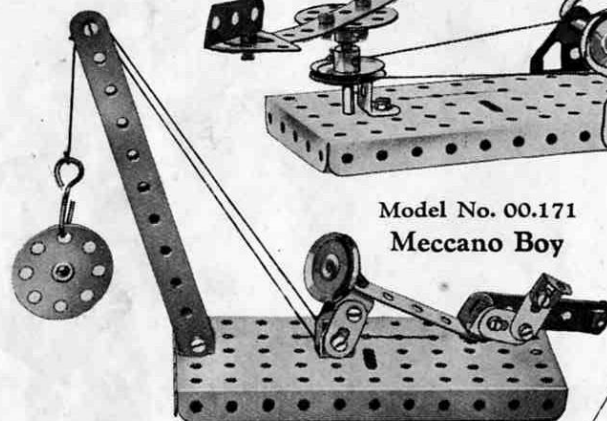
Model No. 00.175
Trolley



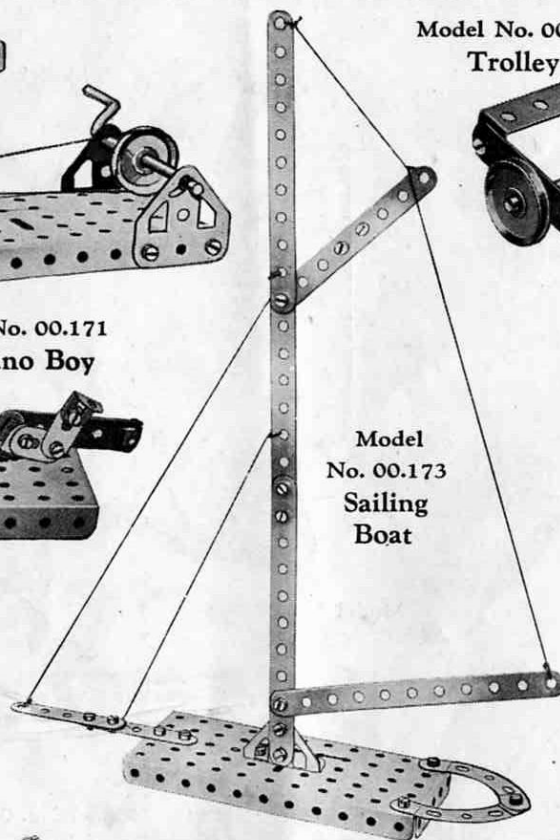
Model No. 00.176
Pit-Head
Gear



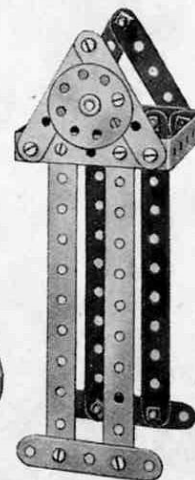
Model No. 00.171
Meccano Boy



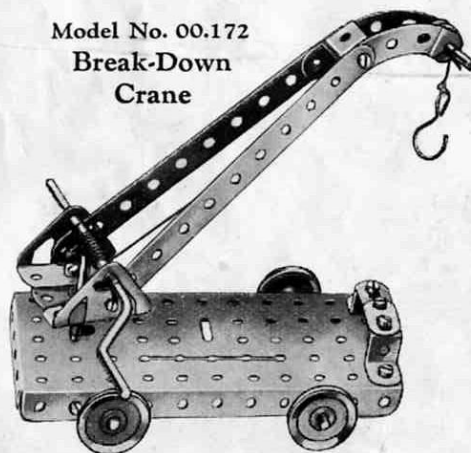
Model
No. 00.173
Sailing
Boat



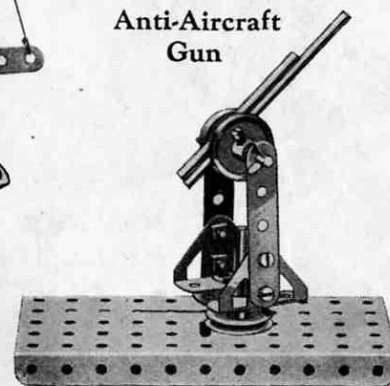
Model No. 00.178
Grandfather's Clock



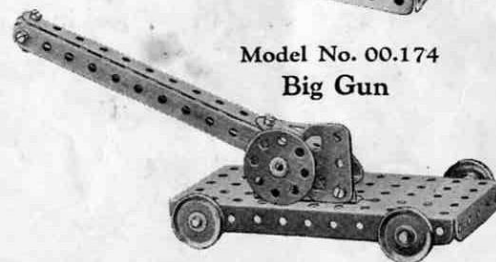
Model No. 00.172
Break-Down
Crane



Model No. 00.177
Anti-Aircraft
Gun

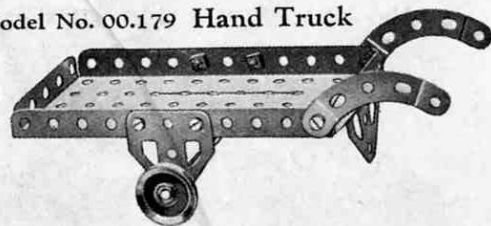


Model No. 00.174
Big Gun



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

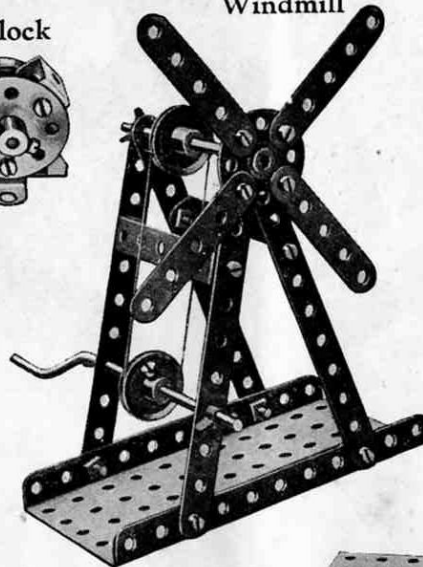
Model No. 00.179 Hand Truck



Model
No. 00.181
Clock



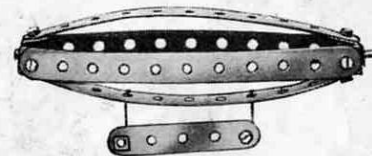
Model No. 00.183
Windmill



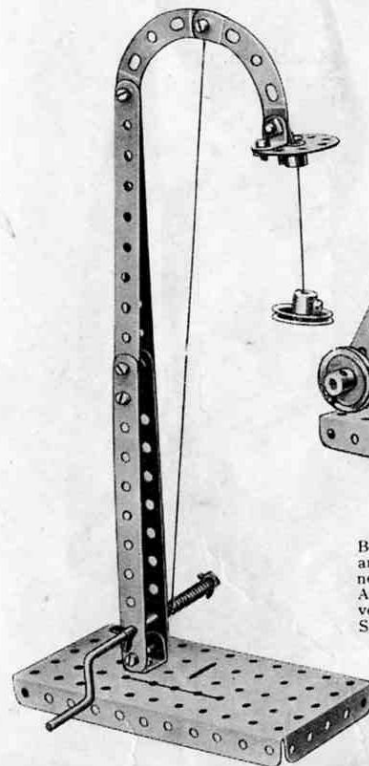
Model
No. 00.185
Flower Pot
Stand



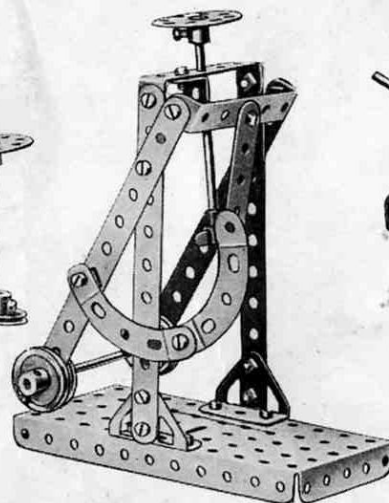
Model No. 00.186 Airship



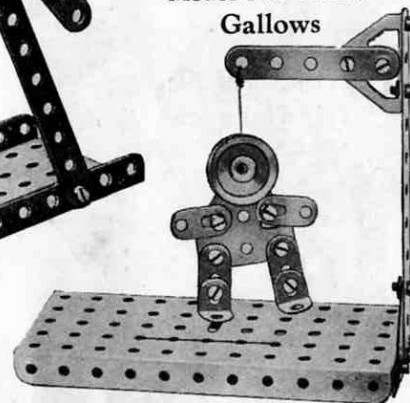
Model No. 00.180
Arc Lamp



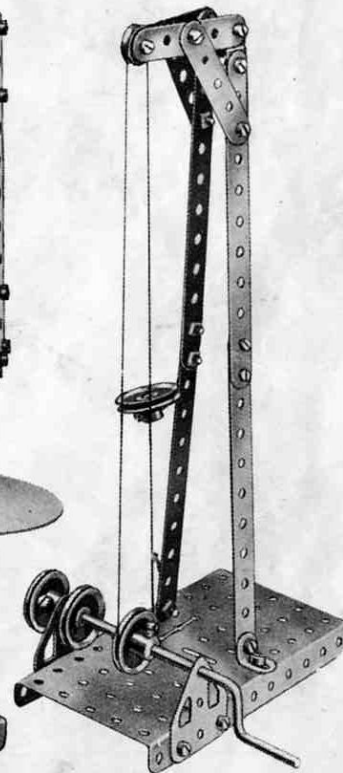
Model No. 00.182
Letter Balance



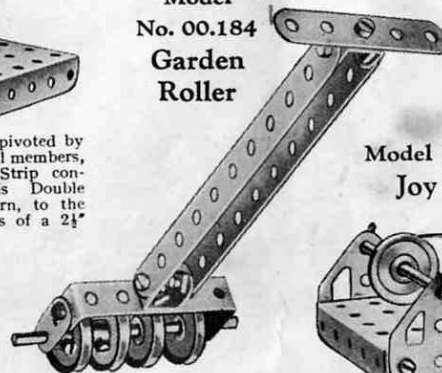
Model No. 00.187
Gallows



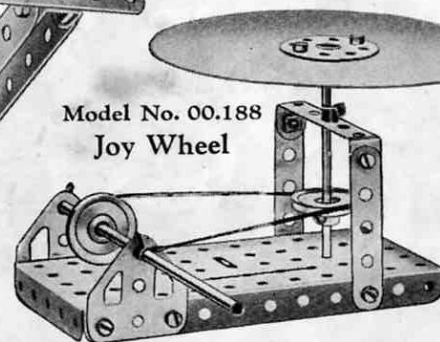
Model No. 00.189
Airship Mooring Mast



Model
No. 00.184
Garden
Roller



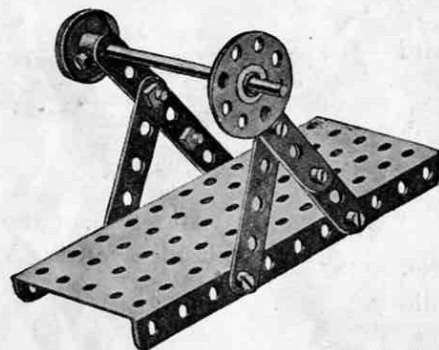
Model No. 00.188
Joy Wheel



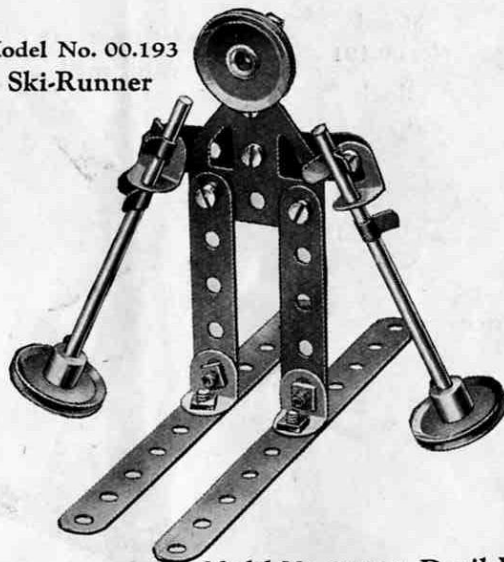
The weighted $5\frac{1}{2}$ " Strips are pivoted by Bolts and lock-nuts to the vertical members, and a $2\frac{1}{2} \times \frac{1}{2}$ " Double Angle Strip connects their upper ends. This Double Angle Strip is connected, in turn, to the vertical $3\frac{1}{2}$ " Axle Rod by means of a $2\frac{1}{2}$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

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

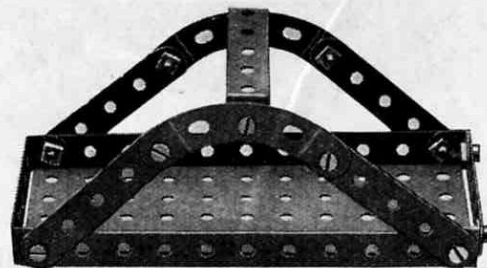
Model No. 00.190 Buffing Spindle



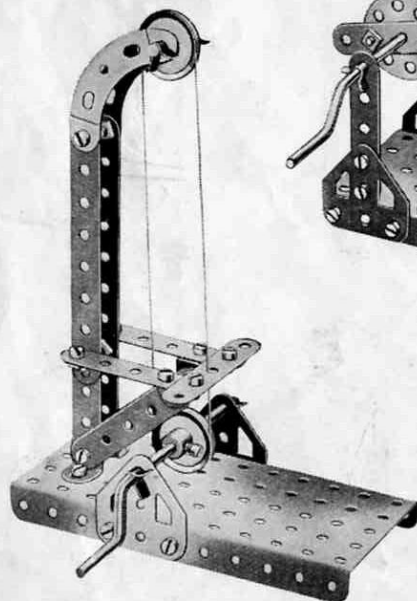
Model No. 00.193
Ski-Runner



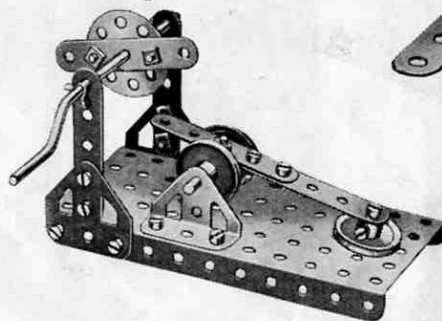
Model No. 00.196 Cutlery Basket



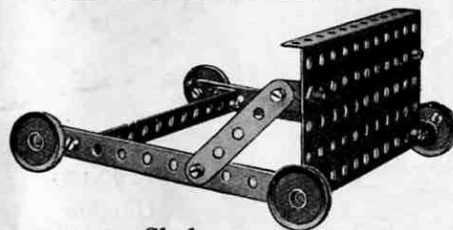
Model No. 00.191
Band Saw



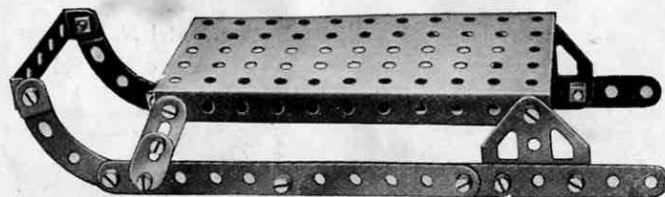
Model No. 00.192
Trip Hammer



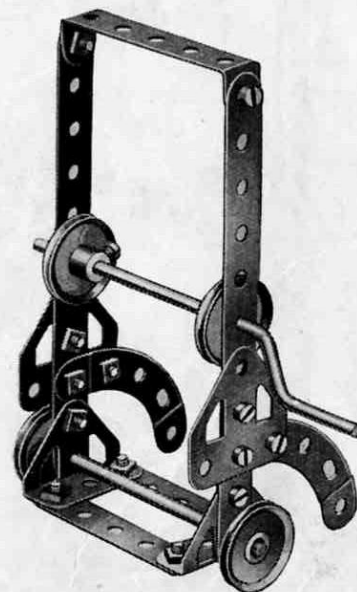
Model No. 00.194 Devil Wall



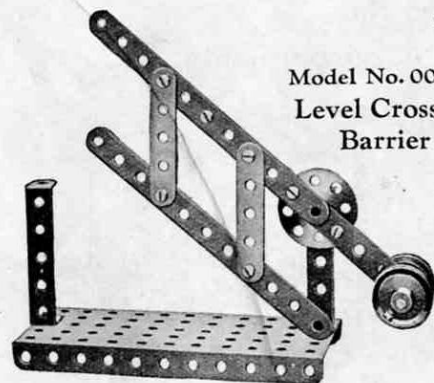
Model No. 00.195 Sled



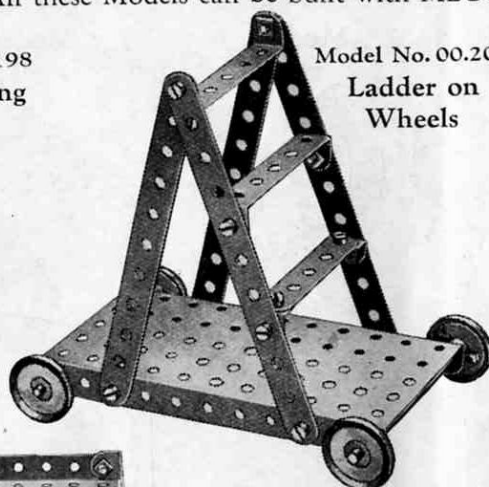
Model No. 00.197
Garden Hose Reel



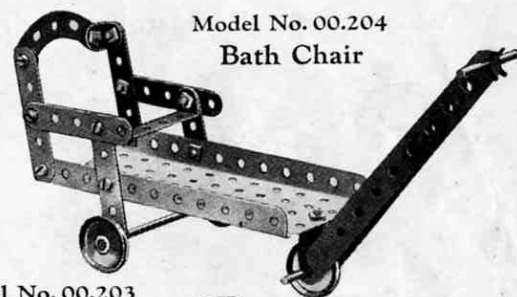
All these Models can be built with MECCANO Outfit No. 00



Model No. 00.198
Level Crossing
Barrier

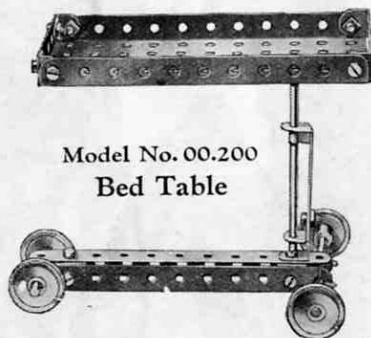
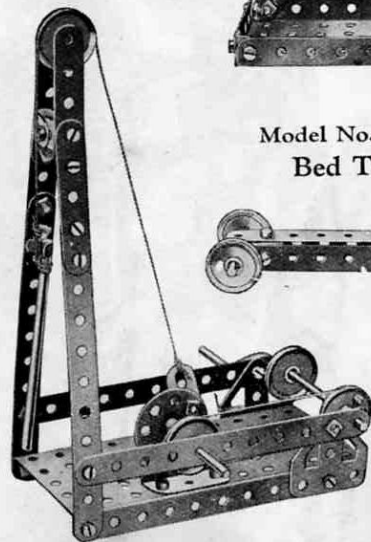


Model No. 00.201
Ladder on
Wheels

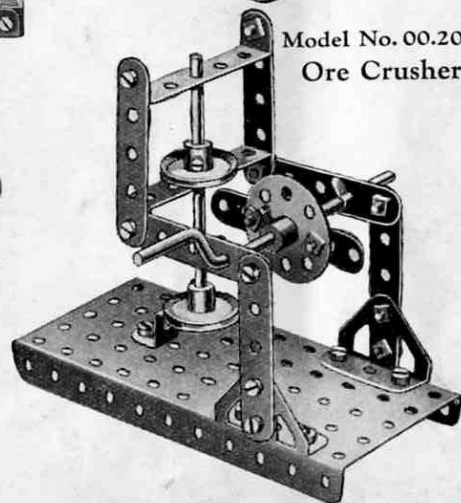


Model No. 00.204
Bath Chair

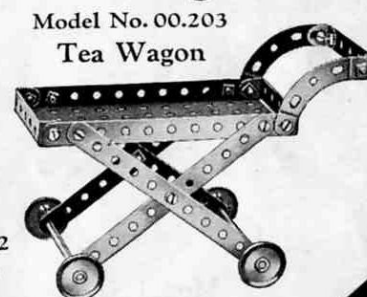
Model No. 00.199
Well Driller



Model No. 00.200
Bed Table

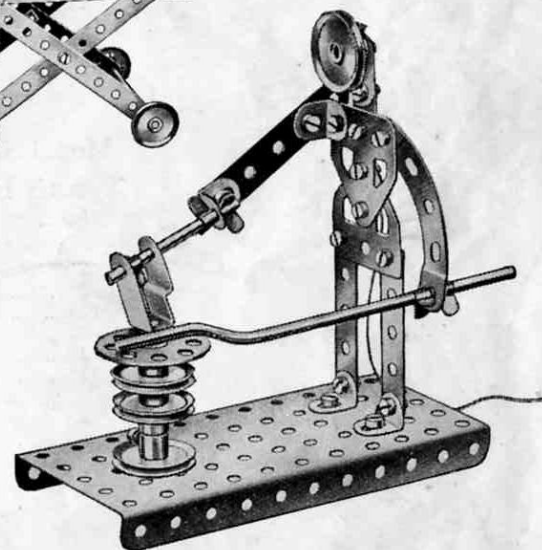


Model No. 00.202
Ore Crusher



Model No. 00.203
Tea Wagon

Model No. 00.205
Blacksmith

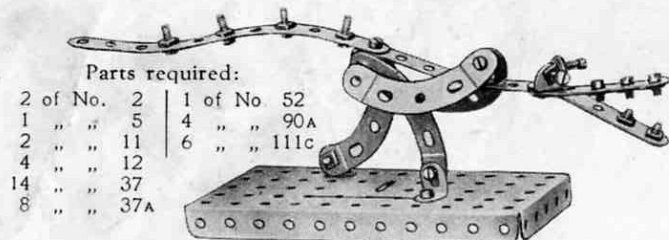


HOW TO CONTINUE

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

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

Model No.0.1 Prehistoric Bird



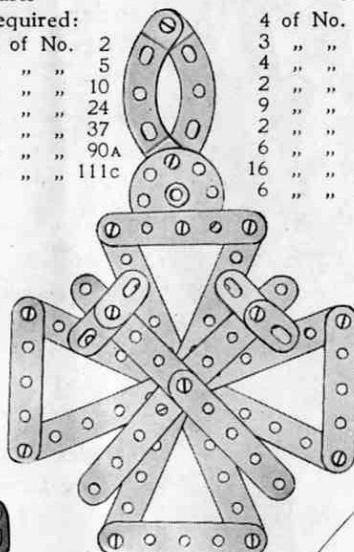
Parts required:

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

Model No.0.5 Medal

Parts required:

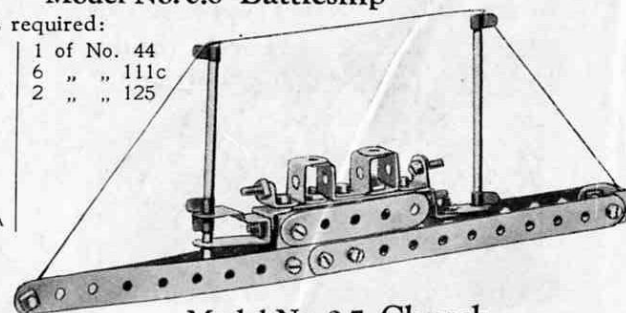
4 of No. 2	2
8 " " 5	5
4 " " 10	10
1 " " 24	24
13 " " 37	37
2 " " 90A	90A
1 " " 111c	111c



Model No.0.6 Battleship

Parts required:

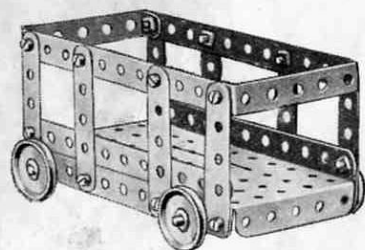
4 of No. 2	2	1 of No. 44
3 " " 5	5	6 " " 111c
4 " " 10	10	2 " " 125
2 " " 11	11	
9 " " 12	12	
2 " " 16	16	
6 " " 35	35	
16 " " 37	37	
6 " " 37A	37A	



Model No.0.2 Cattle Truck

Parts required:

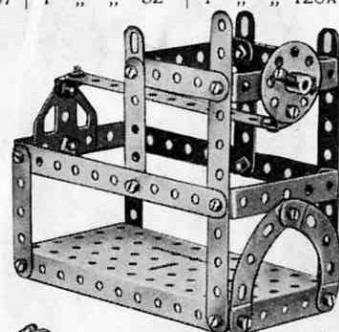
4 of No. 2	4 of No. 22	2 of No. 48A
8 " " 5	16 " " 37	1 " " 52
2 " " 16	2 " " 37A	2 " " 111c



Model No.0.7 Church

Parts required:

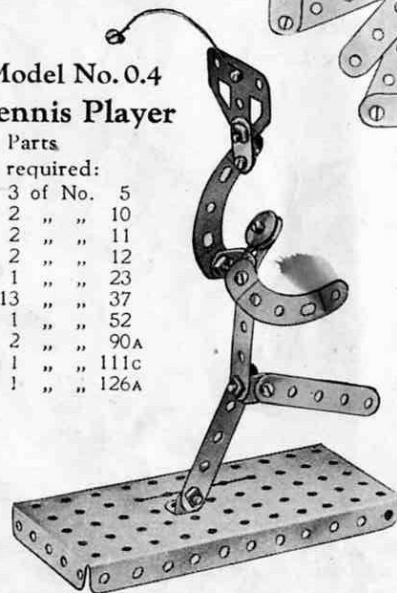
4 of No. 2	2 of No. 12	6 of No. 37A	2 of No. 90A
8 " " 5	1 " " 24	2 " " 48A	6 " " 111c
3 " " 10	16 " " 37	1 " " 52	1 " " 126A



Model No.0.4 Tennis Player

Parts required:

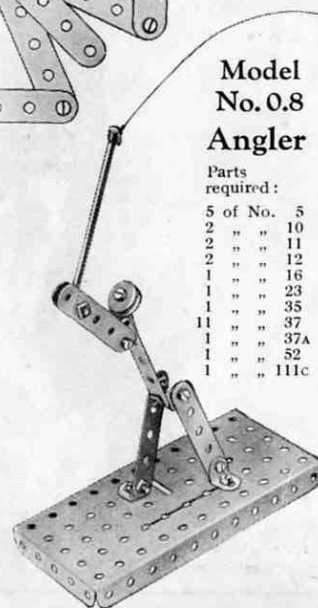
3 of No. 5	5
2 " " 10	10
2 " " 11	11
2 " " 12	12
1 " " 23	23
13 " " 37	37
1 " " 52	52
2 " " 90A	90A
1 " " 111c	111c
1 " " 126A	126A



Model No.0.8 Angler

Parts required:

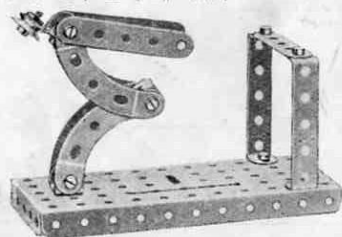
5 of No. 5	5
2 " " 10	10
2 " " 11	11
2 " " 12	12
1 " " 16	16
1 " " 23	23
1 " " 35	35
11 " " 37	37
1 " " 37A	37A
1 " " 52	52
1 " " 111c	111c



Model No.0.3 Hurdler

Parts required:

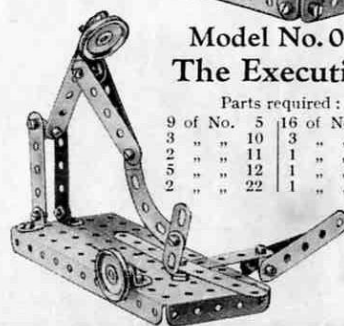
3 of No. 5	1 of No. 23	1 of No. 52
1 " " 10	12 " " 37	4 " " 90A
2 " " 11	1 " " 37A	1 " " 111c
2 " " 12	2 " " 48A	



Model No.0.9 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



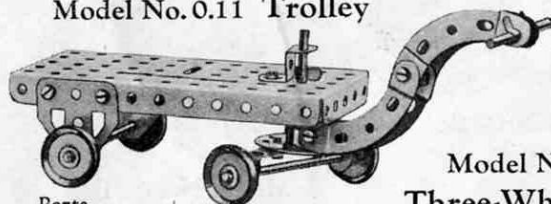
These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)

Model No.0.10 Field Gun and Carriage



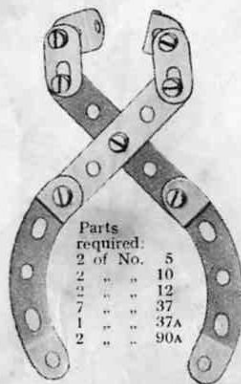
Parts required:		
8 of No. 5	2 of No. 17	1 of No. 44
2 " " 10	4 " " 22	1 " " 111A
2 " " 11	13 " " 37	1 " " 125
6 " " 12	1 " " 37A	

Model No.0.11 Trolley



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

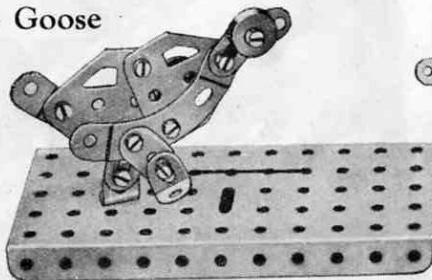
Model No.0.12 Pliers



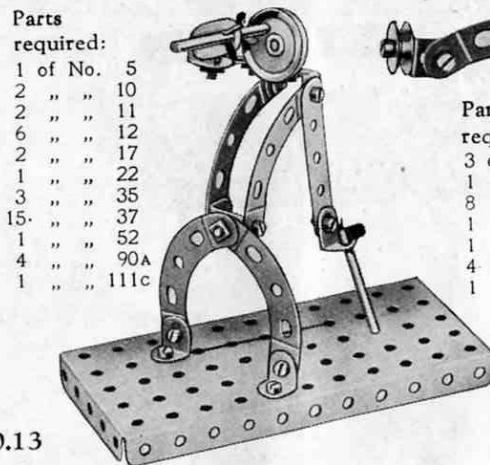
Parts required:		
2 of No. 5		
2 " " 10		
2 " " 12		
7 " " 37		
1 " " 37A		
2 " " 90A		

Model No.0.14 Goose

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

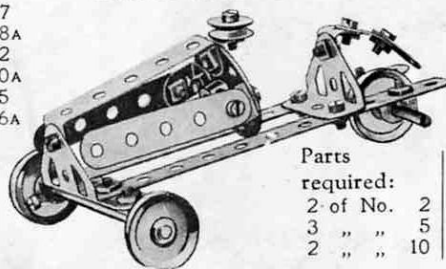


Model No.0.15 Coast Guard



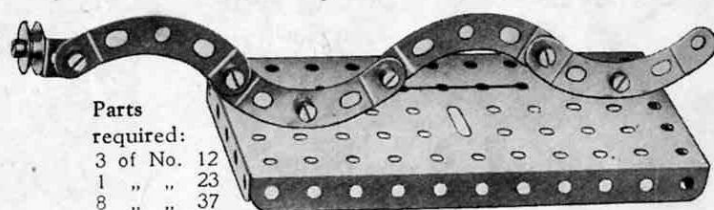
Parts required:		
1 of No. 5		
2 " " 10		
2 " " 11		
6 " " 12		
2 " " 17		
1 " " 22		
3 " " 35		
15 " " 37		
1 " " 52		
4 " " 90A		
1 " " 111c		

Model No.0.13 Three-Wheel Auto



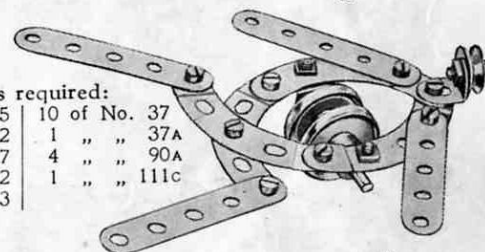
Parts required:		
6 of No. 12		
1 " " 16		
1 " " 17		
3 " " 22		
1 " " 23		
1 " " 24		
16 " " 37		
2 " " 37A		
2 " " 48A		
2 " " 111c		
2 " " 126		

Model No.0.16 Snake



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

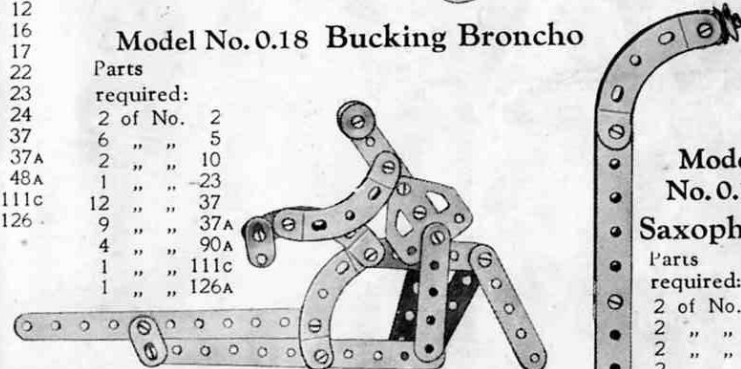
Model No.0.17 Frog



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

Model No.0.18 Bucking Broncho

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

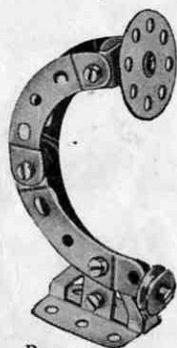


The Bolts used for connecting the 5 1/2" Strips, the horse's legs, and the rider's legs and arms, are all lock-nutted (see Standard Mechanism No. 262). The lower 5 1/2" Strip should be held rigidly and the upper one jerked forward; the horse will then throw its rider completely over its head.

Model No.0.19 Saxophone

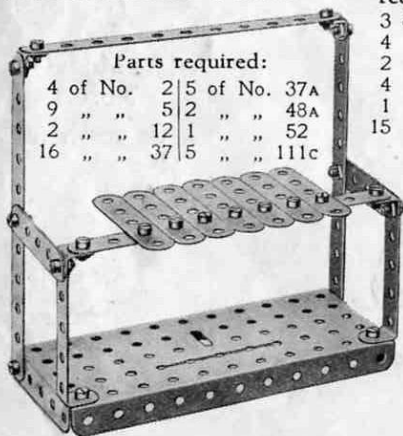
Parts required:		
2 of No. 2		
2 " " 10		
2 " " 11		
2 " " 12		
1 " " 23		
1 " " 24		
12 " " 37		
1 " " 37A		
4 " " 90A		
2 " " 111c		

Model No.0.20
Loud Speaker



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

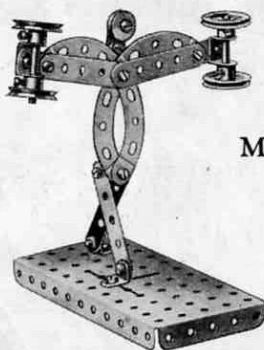
Model No.0.23 Piano



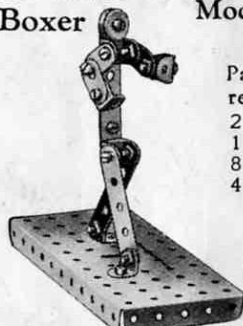
Parts required:
4 of No. 2 | 5 of No. 37A
9 " " 5 | 2 " " 48A
2 " " 12 | 1 " " 52
16 " " 37 | 5 " " 111c

Model No.0.21
Strong Man

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

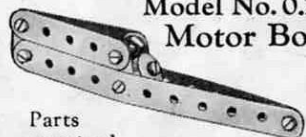


Model No.0.22
Boxer



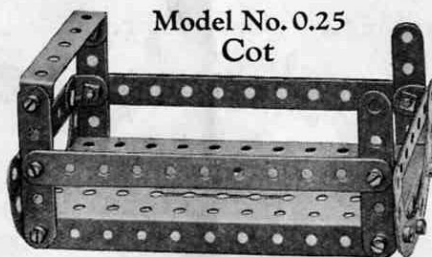
Parts
required:
3 of No. 5
4 " " 10
2 " " 11
4 " " 12
1 " " 23
15 " " 37
1 of No. 37A
1 " " 52
1 " " 111c

Model No.0.24
Motor Boat



Parts
required:
2 of No. 2 | 1 of No. 23
2 " " 5 | 5 " " 37
3 " " 10 | 1 " " 37A
1 " " 11 | 1 " " 111c

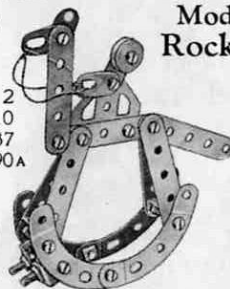
Model No.0.25
Cot



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

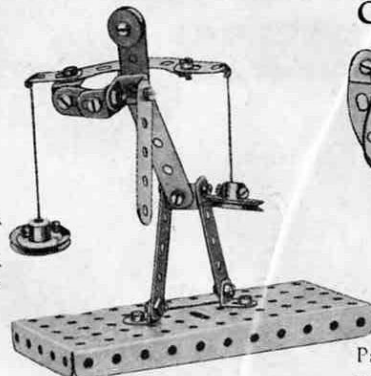
Model No.0.26
Banjo

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

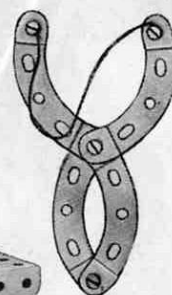


Model No.0.27 Milk Maid

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



Model No.0.30
Catapult

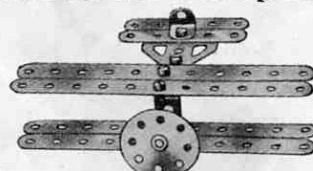


Parts
required:
4 of No. 37
4 " " 90A

Model No.0.28
Rocking Horse

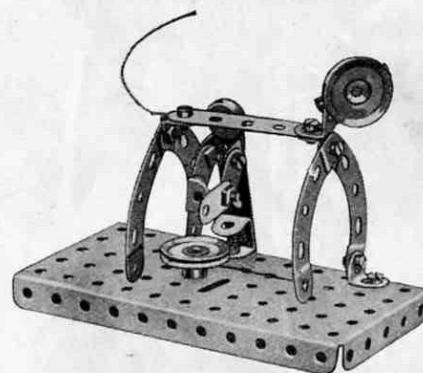
Parts
required:
7 of No. 5
4 " " 10
2 " " 11
2 " " 12
1 " " 23
13 " " 37
4 " " 90A
3 " " 111c
1 " " 126A

Model No.0.29 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.0.31
Cow and Milkmaid

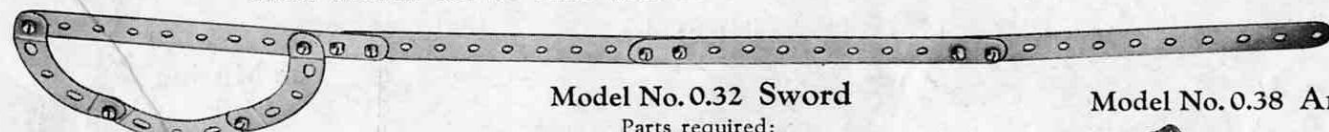


Parts required:
2 of No. 5 | 1 of No. 23
4 " " 10 | 16 " " 37
2 " " 11 | 2 " " 37A
5 " " 12 | 1 " " 52
2 " " 22 | 4 " " 90A
1 of No. 125

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

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Model No. 0.42 Lazy Tongs



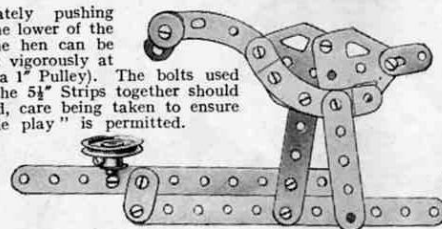
Model No. 0.32 Sword

Parts required:

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

Model No. 0.35 Pecking Hen

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

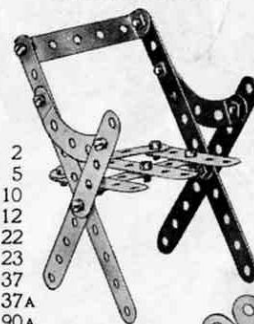


Parts

required:

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

Model No. 0.38 Arm Chair



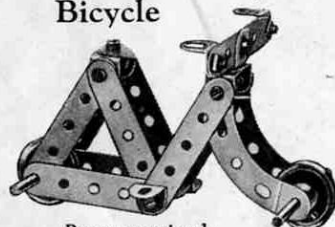
Parts

required:

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

Model No. 0.33

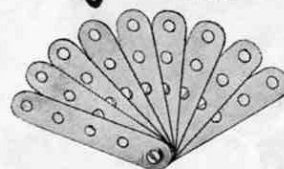
Bicycle



Parts required:

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

Model No. 0.40 Fan



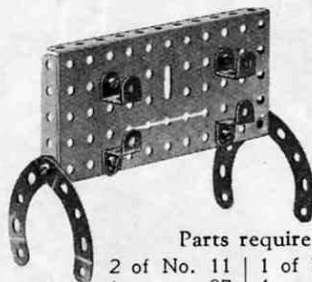
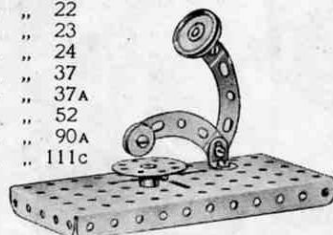
Parts required:

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

Model No. 0.34 Gramophone

Parts required:

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



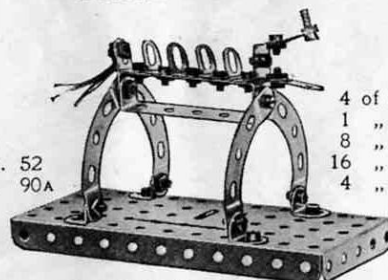
Model No. 0.36 Pen Rack

Parts required:

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

Model No. 0.39

Prehistoric Armadillo



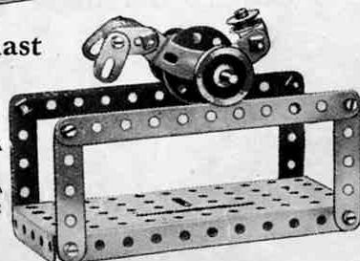
Parts required:

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

Model No. 0.37 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			

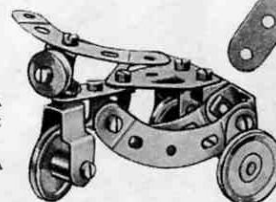


Model No. 0.41

Motor Cycle and Side Car

Parts required:

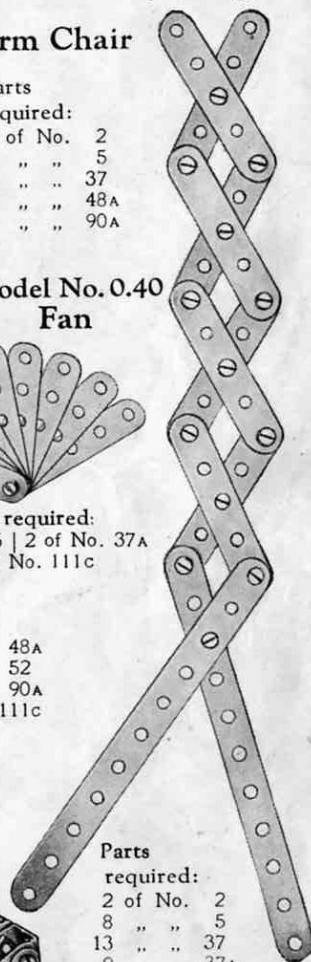
1	of No.	5	3	of No.	22	3	of No.	90A
4	" "	10	1	" "	23	1	" "	111c
2	" "	11	10	" "	37	1	" "	125
3	" "	12	1	" "	37A	1	" "	126A
1	" "	16	1	" "	44			



Parts

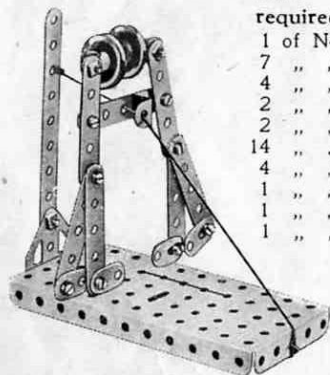
required:

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



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

Model No. 0.43 Wrestlers



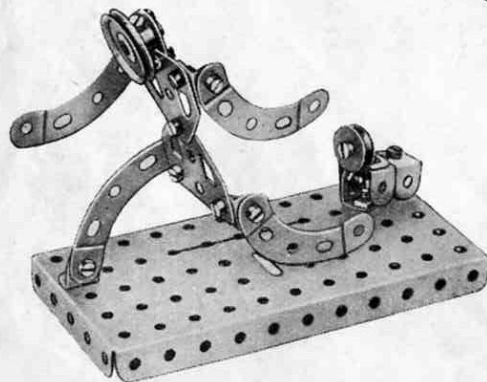
Parts required:

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

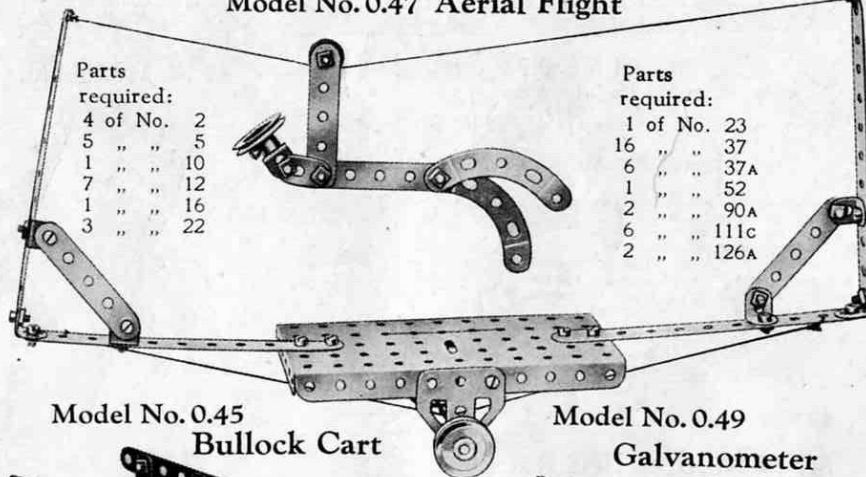
Model No. 0.44 A Chase

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. 0.47 Aerial Flight



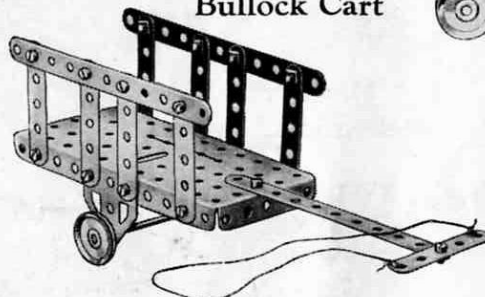
Parts required:

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

Parts required:

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

Model No. 0.45 Bullock Cart



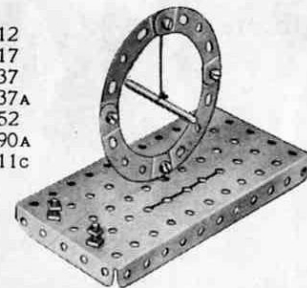
Parts required:

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

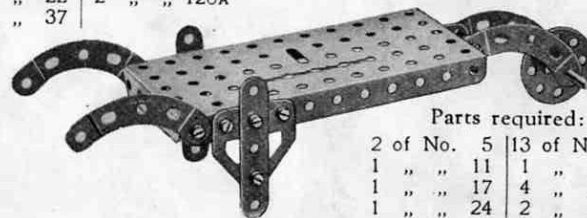
Model No. 0.49 Galvanometer

Parts required:

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



Model No. 0.46 Coster's Barrow



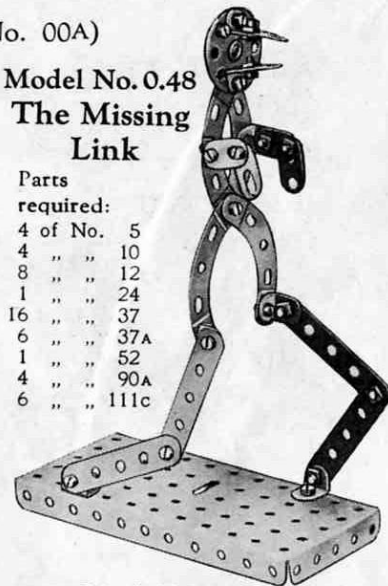
Parts required:

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

Model No. 0.48 The Missing Link

Parts required:

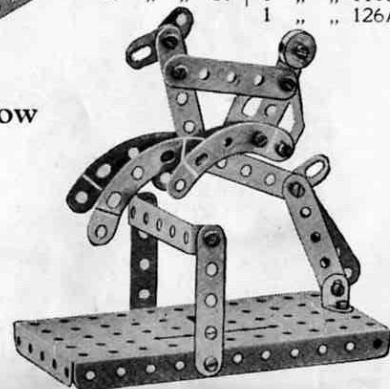
4 of No.	5
4 " "	10
8 " "	12
1 " "	24
16 " "	37
6 " "	37A
1 " "	52
4 " "	90A
6 " "	111c



Model No. 0.50 Steeple-chaser

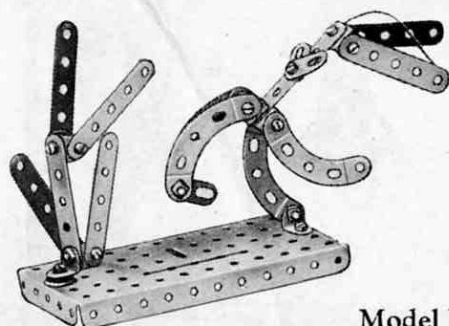
Parts required:

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



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

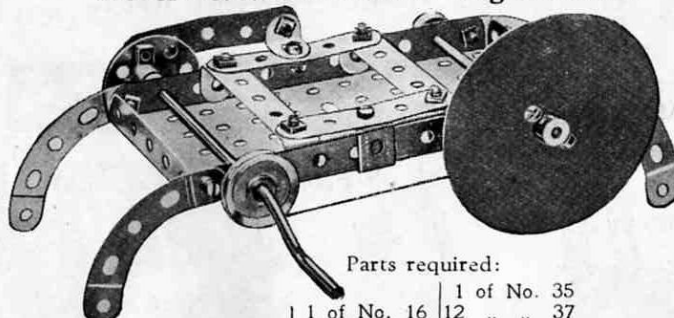
Model No.0.51 Horseman's Fall



Parts required:

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

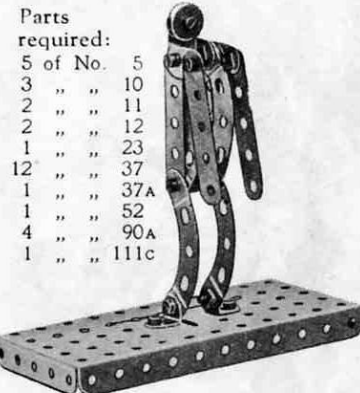
Model No.0.55 Bacon Slicing Machine



Parts required:

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

Model No.0.57 Ape



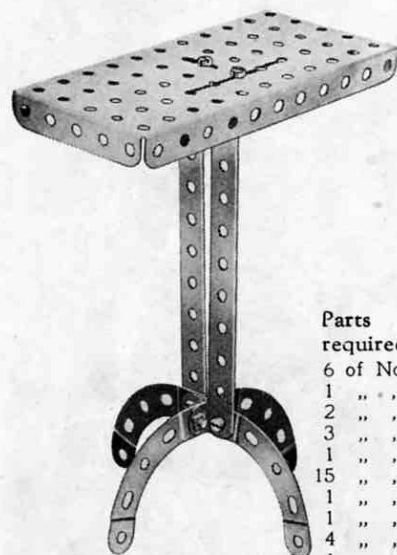
Parts required:

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

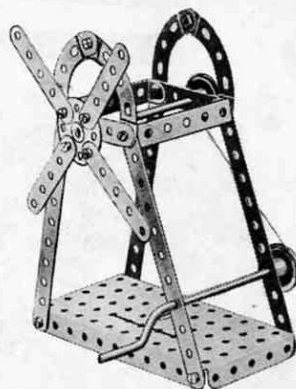
Model No.0.52 Table

Parts required:

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



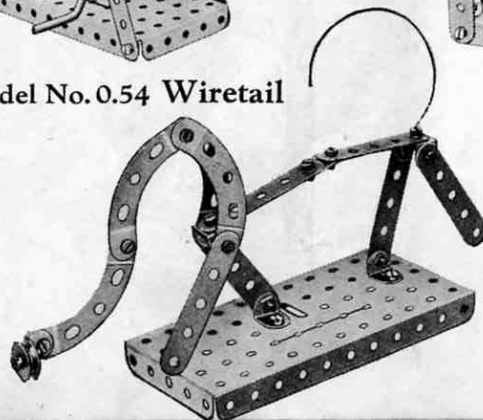
Model No.0.53 Windmill



Parts required:

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

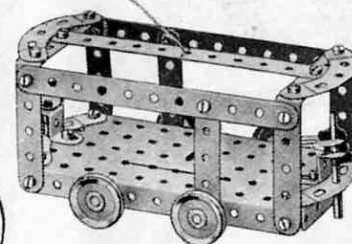
Model No.0.54 Wiretail



Parts required:

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

Model No.0.56 Tramway Car



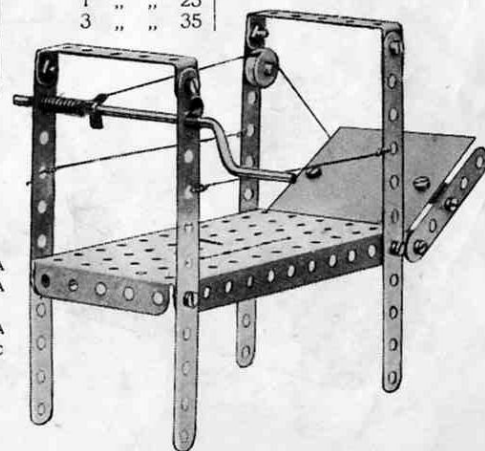
Parts required:

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.0.58 Gangway

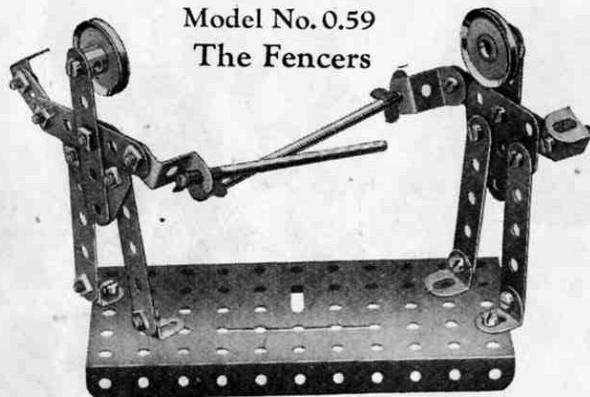
Parts required:

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



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

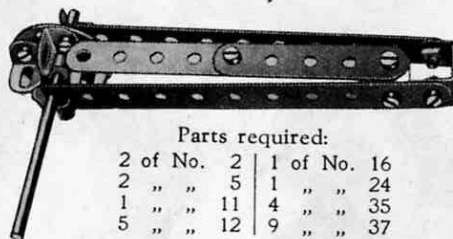
Model No. 0.59
The Fencers



Parts required:

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

Model No. 0.61 Rattle



Parts required:

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

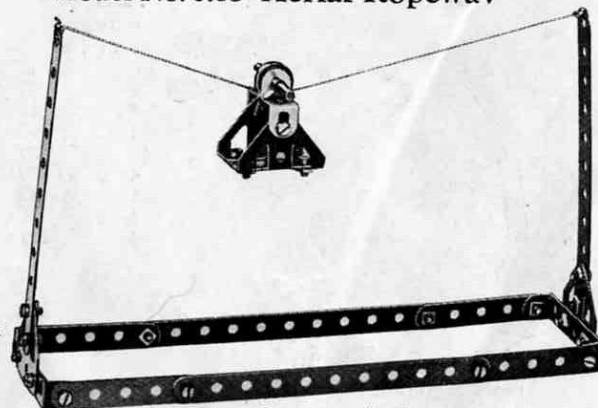
Model No. 0.62
Single Sheave Pulley Block



Parts required:

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

Model No. 0.65 Aerial Ropeway



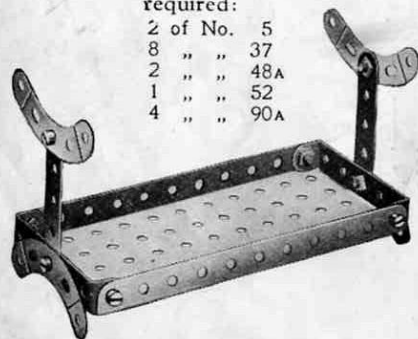
Parts required:

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

Model No. 0.60 Pen Rack

Parts required:

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



Model No. 0.63
Music Stand

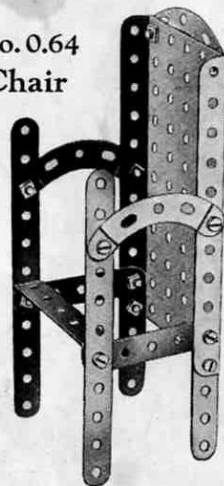
Parts required:

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

Model No. 0.64
Arm Chair

Parts required:

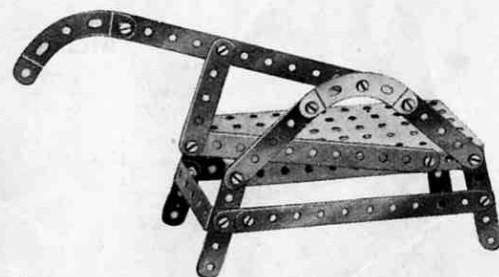
2 of No. 2
4 " " 5
12 " " 37
1 " " 48A
1 " " 52
3 " " 90A



Model No. 0.66 Shearing Machine

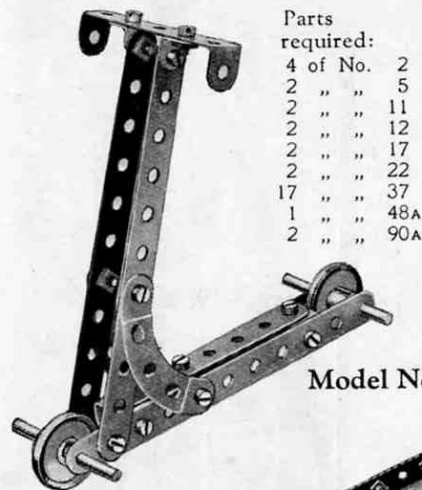
Parts required:

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



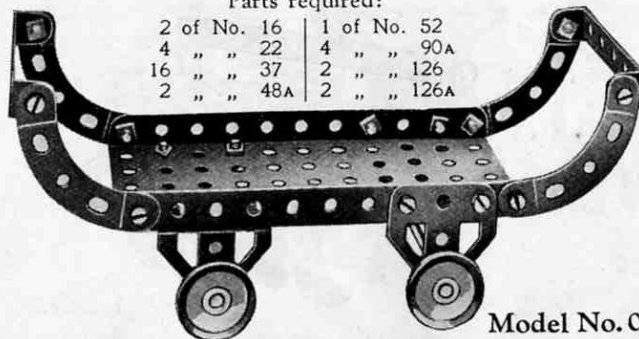
These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)

Model No. 0.67 Scooter



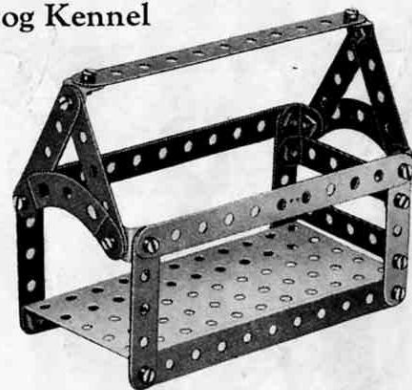
Parts required:
 4 of No. 2
 2 " " 5
 2 " " 11
 2 " " 12
 2 " " 17
 2 " " 22
 17 " " 37
 1 " " 48A
 2 " " 90A

Model No. 0.69 Push Cart



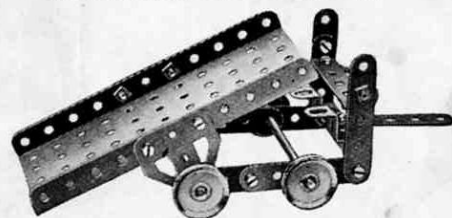
Parts required:
 2 of No. 16 | 1 of No. 52
 4 " " 22 | 4 " " 90A
 16 " " 37 | 2 " " 126
 2 " " 48A | 2 " " 126A

Model No. 0.71
Dog Kennel



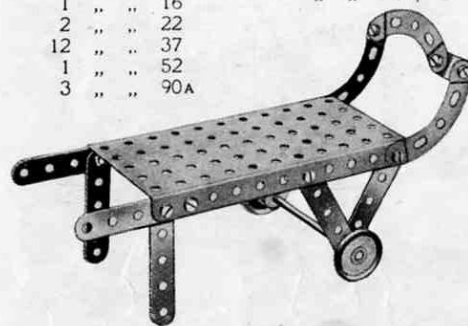
Parts required:
 3 of No. 2
 8 " " 5
 6 " " 12
 20 " " 37
 2 " " 48A
 1 " " 52
 2 " " 90A

Model No. 0.70 Tipping Cart



Model No. 0.68
Luggage Truck

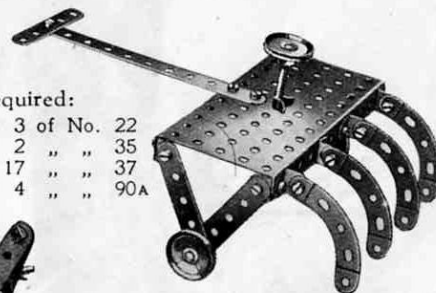
Parts required:
 2 of No. 2
 6 " " 5
 2 " " 12
 1 " " 16
 2 " " 22
 12 " " 37
 1 " " 52
 3 " " 90A



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. 0.72
Horse Rake



Parts required:

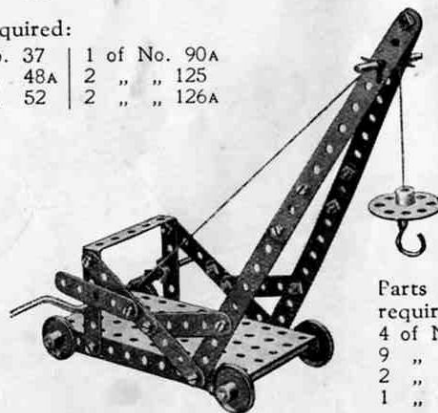
1 of No. 2 | 3 of No. 22
 5 " " 5 | 2 " " 35
 8 " " 12 | 17 " " 37
 1 " " 17 | 4 " " 90A

Model No. 0.74
Chaff Cutter

Parts required:

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

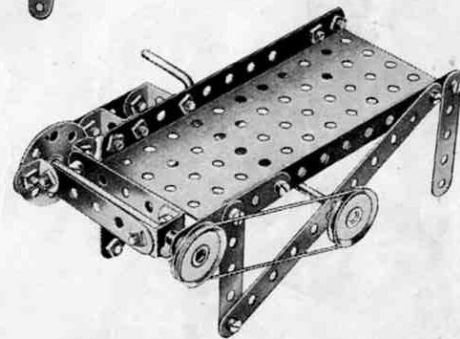
Model No. 0.73
Jib Crane



Parts required:

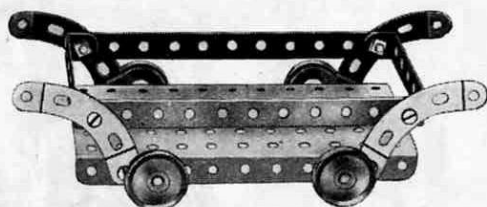
4 of No. 2
 9 " " 5
 2 " " 16
 1 " " 17

1 of No. 19s
 4 " " 22
 1 " " 23
 1 " " 24
 4 " " 35
 17 " " 37
 1 " " 40
 1 " " 48A
 1 " " 52
 1 " " 57



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

Model No.0.75 Trolley

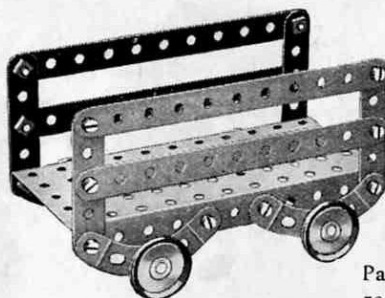


Parts required:

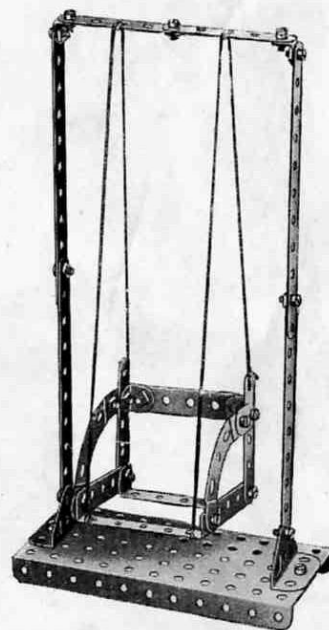
2 of No. 2	8 of No. 37
2 " " 16	2 " " 48A
4 " " 22	1 " " 52
4 of No. 90A	

Model No.0.77 Luggage Truck

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



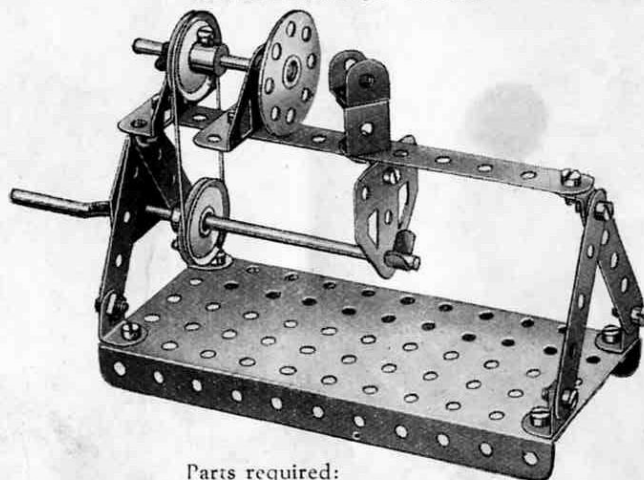
Model No.0.79 Swing



Parts
required:

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

Model No.0.78 Lathe



Parts required:

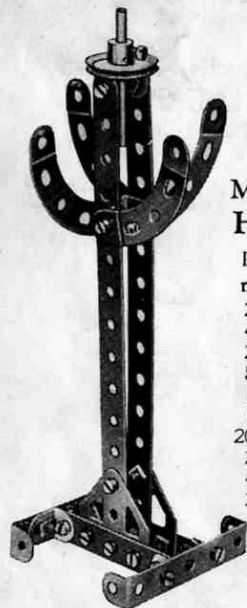
1 of No. 2	2 of No. 22
4 " " 5	1 " " 24
2 " " 11	3 " " 35
7 " " 12	16 " " 37
1 " " 17	1 " " 52
1 " " 19s	2 " " 126
2 of No. 126A	

Model No.0.76
Hat Rack

Parts

required:

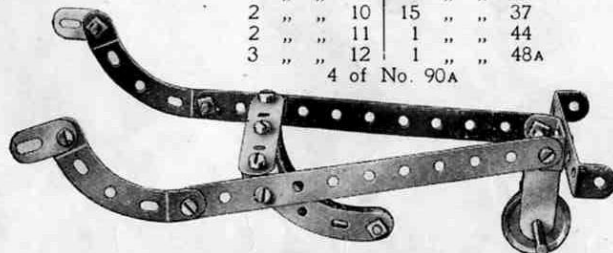
2 of No. 2	2
4 " " 5	5
2 " " 11	11
5 " " 12	12
1 " " 17	17
1 " " 22	22
20 " " 37	37
2 " " 48A	48A
4 " " 90A	90A
2 " " 126A	126A



Model No.0.80 Plough

Parts required:

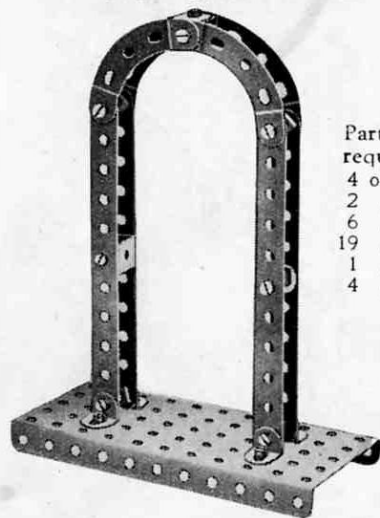
2 of No. 2	1 of No. 17
1 " " 5	1 " " 22
2 " " 10	15 " " 37
2 " " 11	1 " " 44
3 " " 12	1 " " 48A
4 of No. 90A	



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

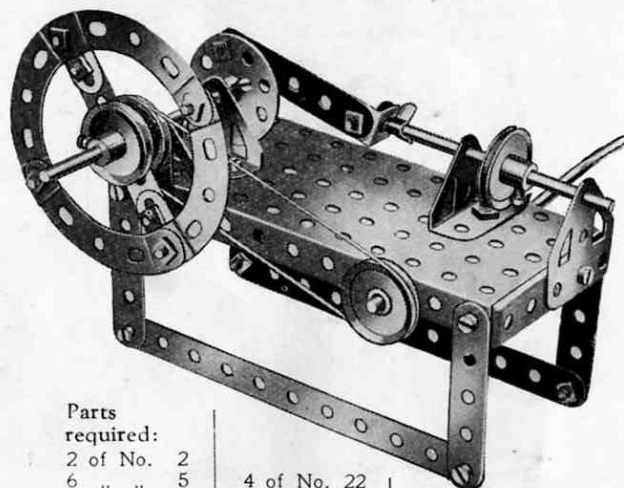
31

Model No.0.81 Arch



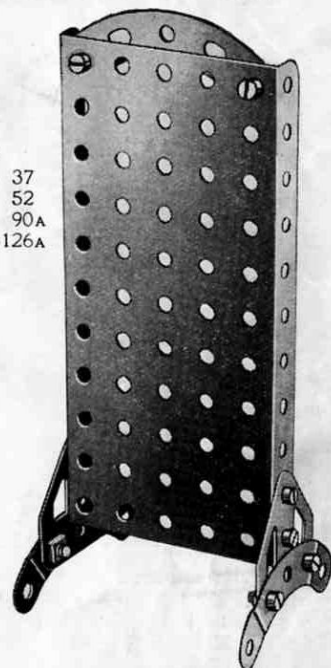
Parts
required:
4 of No. 2
2 " " 11
6 " " 12
19 " " 37
1 " " 52
4 " " 90A

Model No.0.83 Horizontal Engine



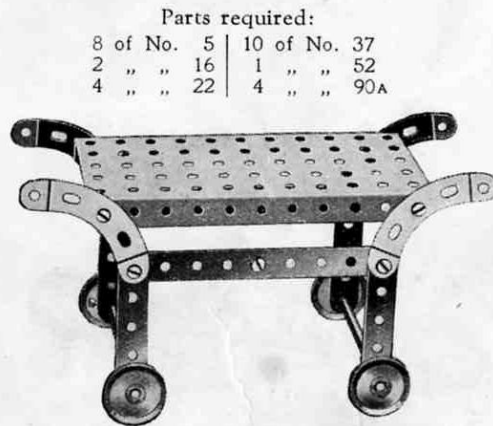
Parts required:		
2 of No. 2	4 of No. 22	1 of No. 52
6 " " 5	1 " " 24	4 " " 90A
2 " " 10	3 " " 35	2 " " 126
1 " " 12	21 " " 37	2 " " 126A
2 " " 16	1 " " 48A	
1 " " 19s		

Model No.0.85 Notice Board



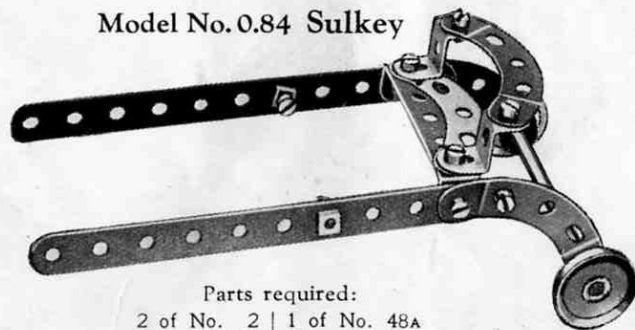
Parts
required:
10 of No. 37
1 " " 52
3 " " 90A
2 " " 126A

Model No.0.82 Tea Wagon



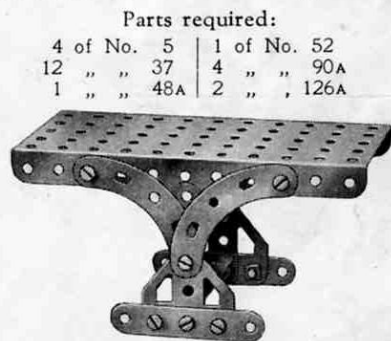
Parts required:
8 of No. 5 | 10 of No. 37
2 " " 16 | 1 " " 52
4 " " 22 | 4 " " 90A

Model No.0.84 Sulkey



Parts required:
2 of No. 2 | 1 of No. 48A
2 " " 22 | 4 " " 90A
10 " " 37 | 2 " " 125

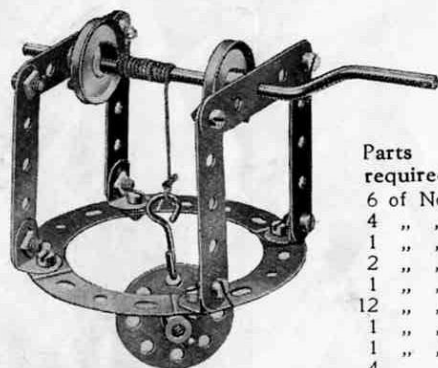
Model No.0.86 Drafting Table



Parts required:
4 of No. 5 | 1 of No. 52
12 " " 37 | 4 " " 90A
1 " " 48A | 2 " " 126A

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

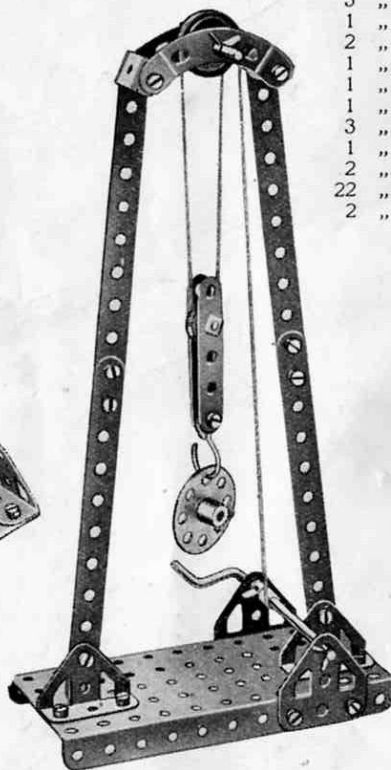
Model No.0.87 Well Windlass



Parts required:

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

Model No.0.89
Pulley Block



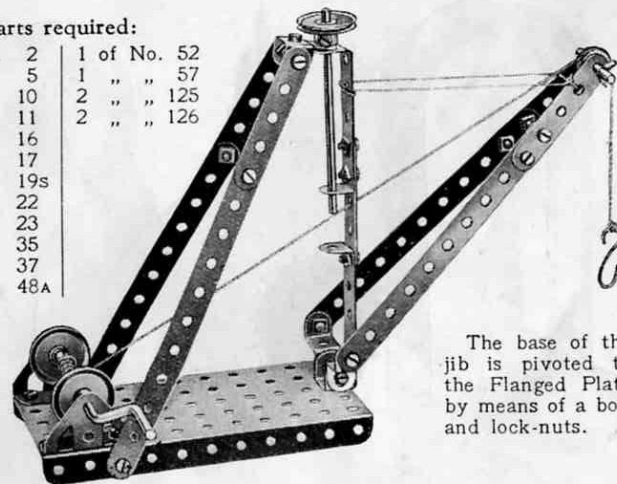
Parts required:

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

Model No.0.90 Derricking Crane

Parts required:

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

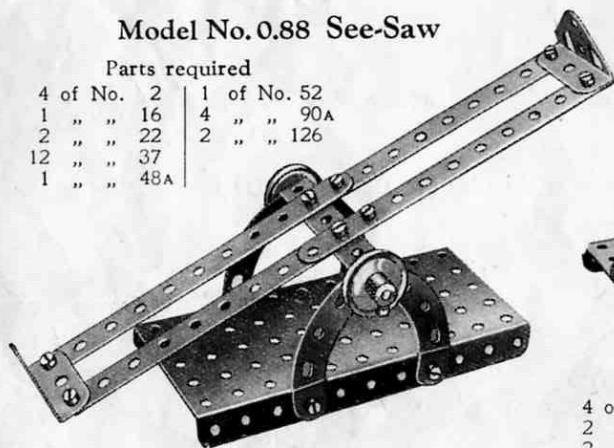


The base of the jib is pivoted to the Flanged Plate by means of a bolt and lock-nuts.

Model No.0.88 See-Saw

Parts required

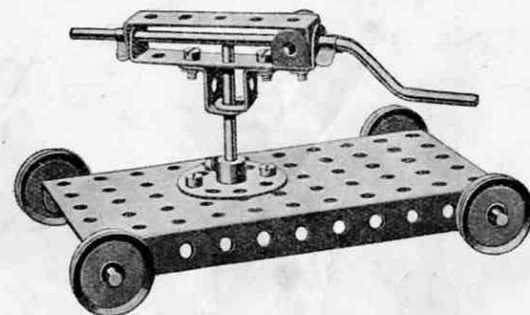
4 of No.	2	1 of No.	52
1 " "	16	4 " "	90A
2 " "	22	2 " "	126
12 " "	37		
1 " "	48A		



Model No.0.91 Rock Drill

Parts required:

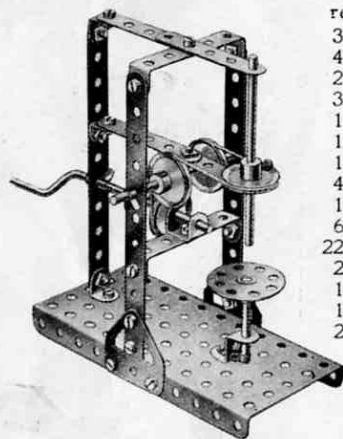
1 of No.	11	4 of No.	22	2 of No.	48A
2 " "	16	1 " "	24	1 " "	52
1 " "	17	2 " "	35	2 " "	125
1 " "	19s	5 " "	37		



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

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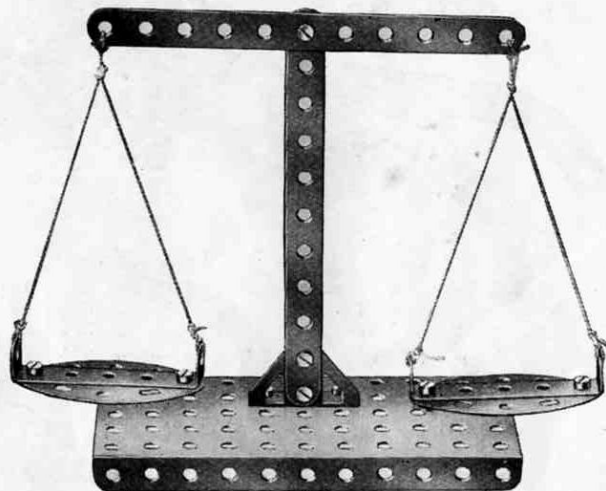
Model No.0.92 Drilling Machine



Parts required:

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

Model No.0.94 Scales



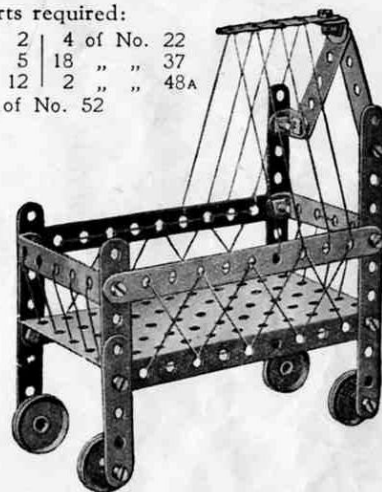
Parts required:

2 of No.	2	2 of No.	48A
9 " "	37	1 " "	52
1 " "	37A	4 " "	90A
1 of No. 166			

Model No.0.96 Cot

Parts required:

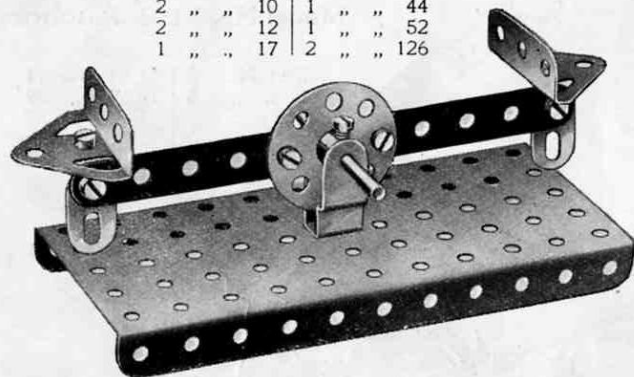
4 of No.	2	4 of No.	22
7 " "	5	18 " "	37
3 " "	12	2 " "	48A
1 of No. 52			



Model No.0.93 Counter Scales

Parts required:

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



Model No.0.95 Single Sheave Pulley Block



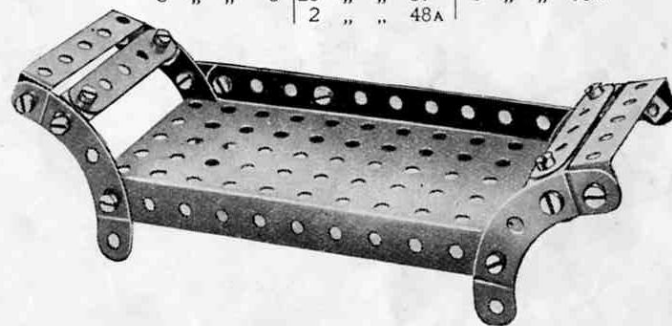
Parts required:

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

Model No.0.97 Couch

Parts required:

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



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

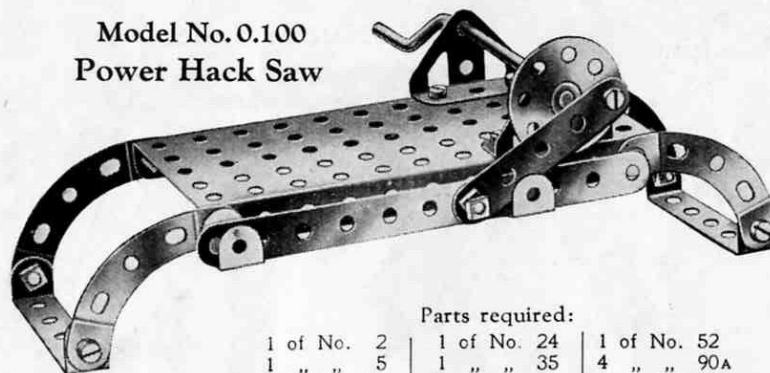


Model No. 0.98
Punching Bag Stand

Parts required:

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

Model No. 0.100
Power Hack Saw



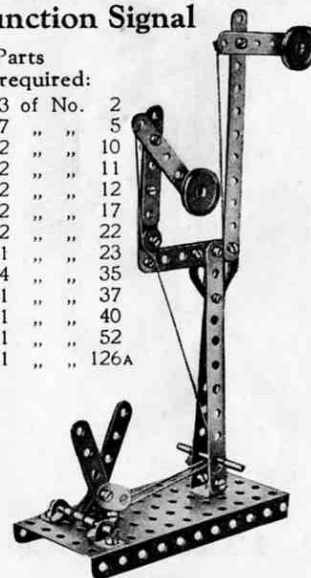
Parts required:

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

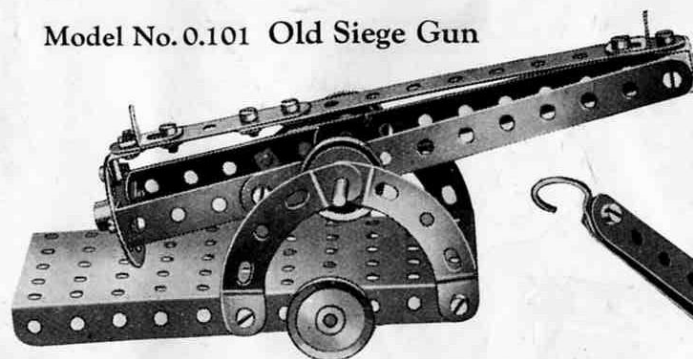
Model No. 0.102
Junction Signal

Parts required:

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



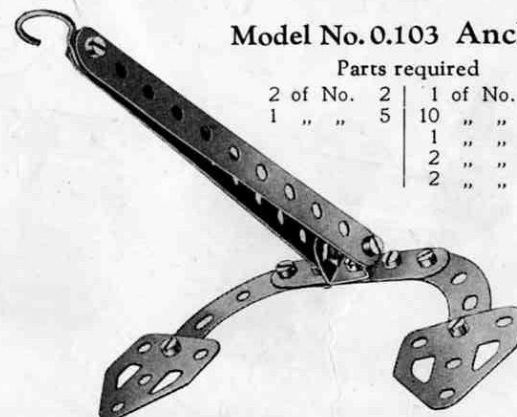
Model No. 0.101
Old Siege Gun



Model No. 0.103
Anchor

Parts required:

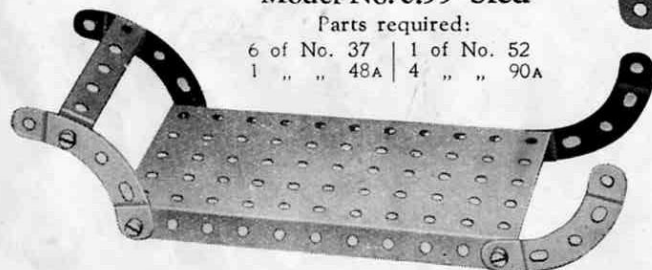
2 of No. 2	1 of No. 11
1 " " 5	10 " " 37
	1 " " 57
	2 " " 90A
	2 " " 126A



Model No. 0.99
Sled

Parts required:

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



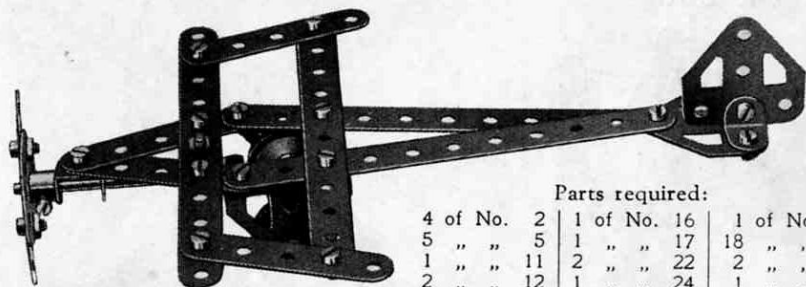
Parts required:

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

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

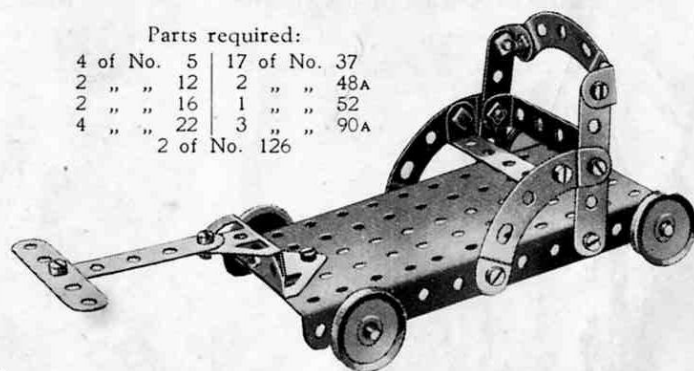
35

Model No.0.104 Aeroplane



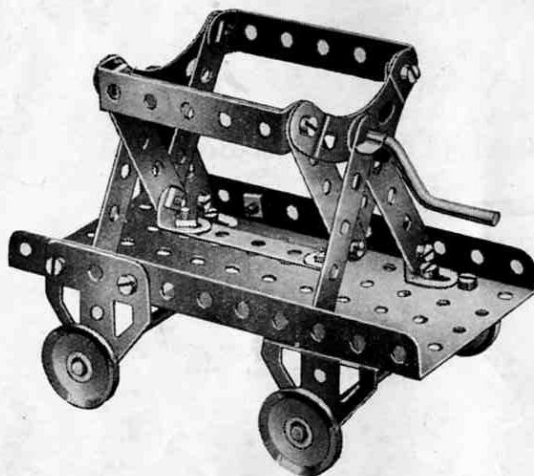
Parts required:					
4 of No.	2	1 of No.	16	1 of No.	35
5 " "	5	1 " "	17	18 " "	37
1 " "	11	2 " "	22	2 " "	126
2 " "	12	1 " "	24	1 " "	126A

Model No.0.107 Bath Chair



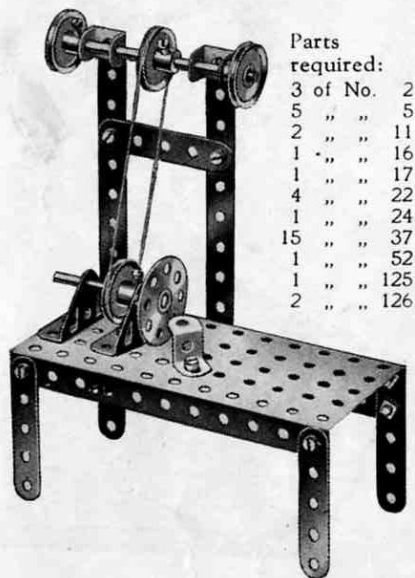
Parts required:					
4 of No.	5	17 of No.	37		
2 " "	12	2 " "	48A		
2 " "	16	1 " "	52		
4 " "	22	3 " "	90A		
	2 of No.	126			

Model No.0.106 Dump Car



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

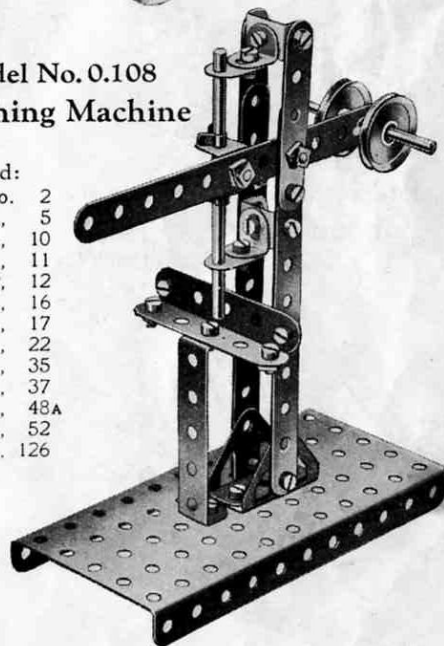
Model No.0.105 Bench Lathe



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

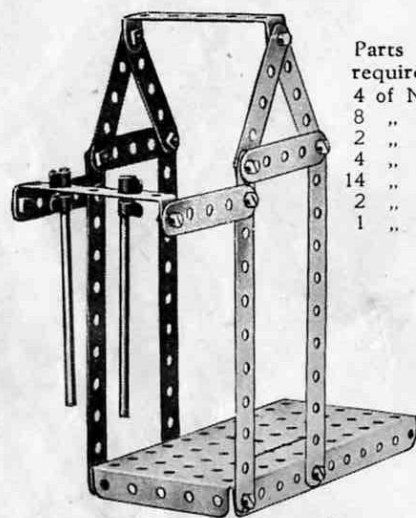
Model No.0.108
Punching Machine

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



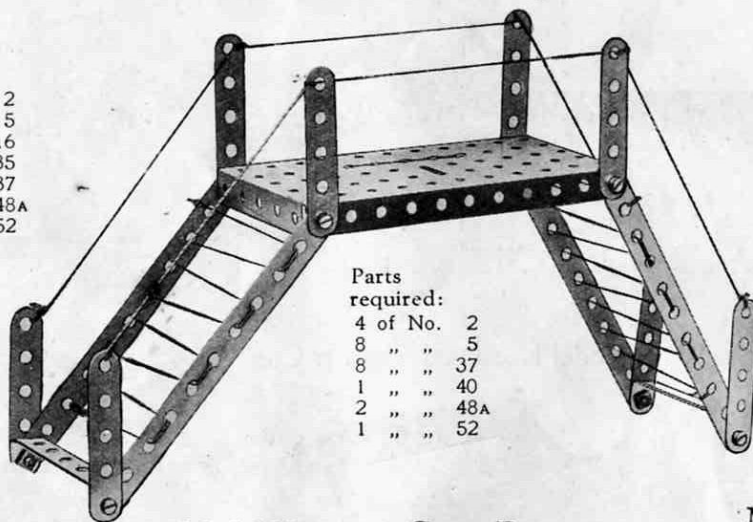
These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)

Model No. 0.109
Pneumatic Grain Elevator



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

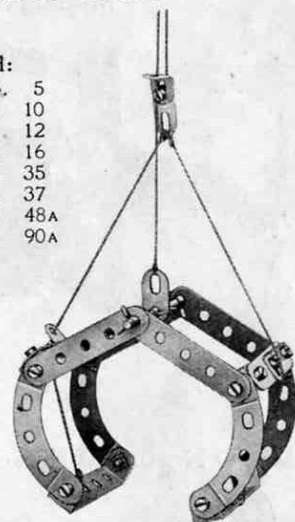
Model No. 0.111 Footbridge



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

Model No. 0.113 Crane Grab

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

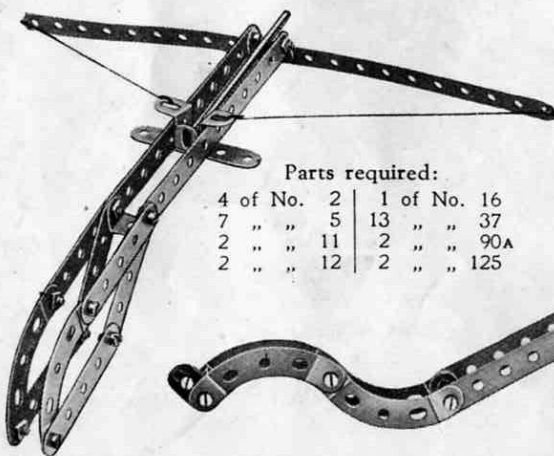


Model No. 0.110
Baboon



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

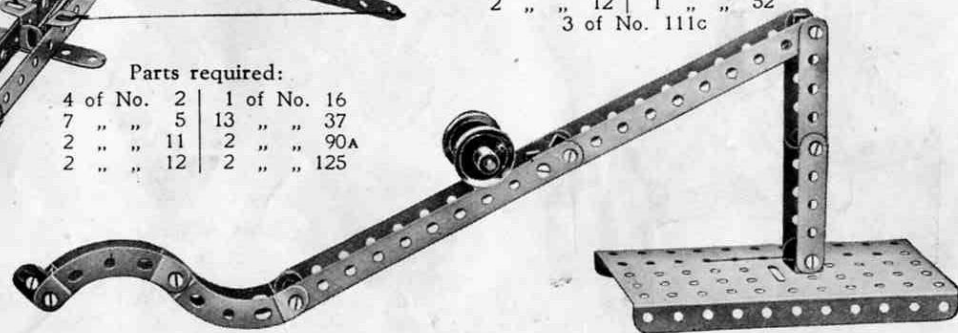
Model No. 0.112 Cross-Bow

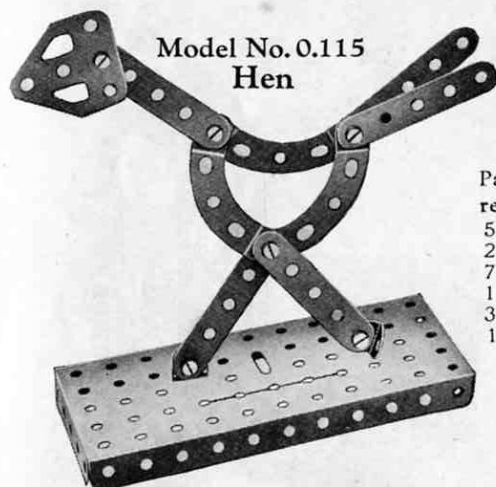


Parts required:		
4 of No.	2	1 of No. 16
7 " "	5	13 " "
2 " "	11	2 " "
2 " "	12	2 " "
		37
		90A
		125

Model No. 0.114 Switchback

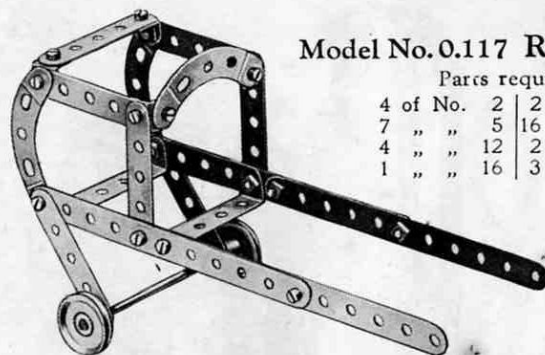
Parts required:		
4 of No.	2	1 of No. 17
4 " "	5	2 " "
1 " "	10	16 " "
2 " "	11	3 " "
2 " "	12	1 " "
		52
		3 of No. 111c





**Model No. 0.115
Hen**

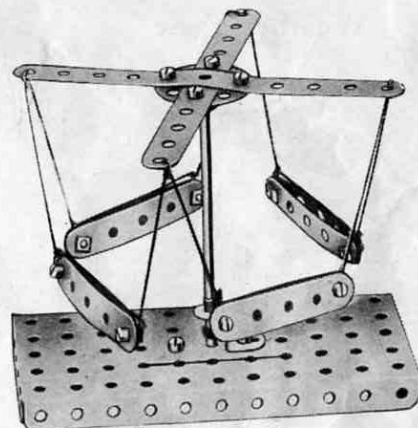
Parts
required:
5 of No. 5
2 " " 12
7 " " 37
1 " " 52
3 " " 90A
1 " " 126A



Model No. 0.117 Rickshaw

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

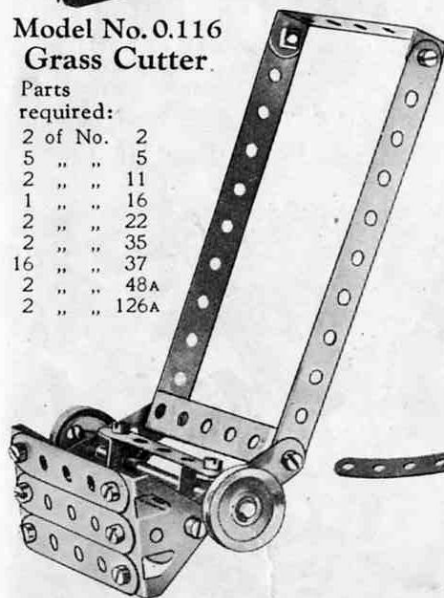
Model No. 0.120 Fly Boats



Parts required:
2 of No. 2 | 13 of No. 37
8 " " 5 | 1 " " 52
1 " " 16 | 1 " " 125
1 " " 24

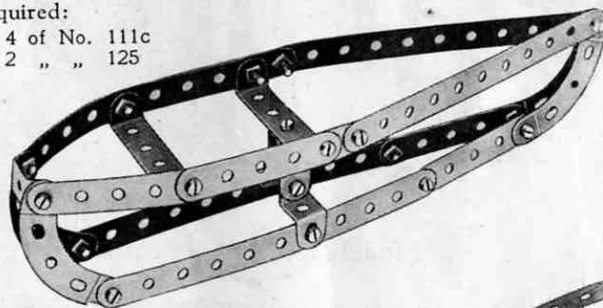
**Model No. 0.116
Grass Cutter.**

Parts
required:
2 of No. 2
5 " " 5
2 " " 11
1 " " 16
2 " " 22
2 " " 35
16 " " 37
2 " " 48A
2 " " 126A



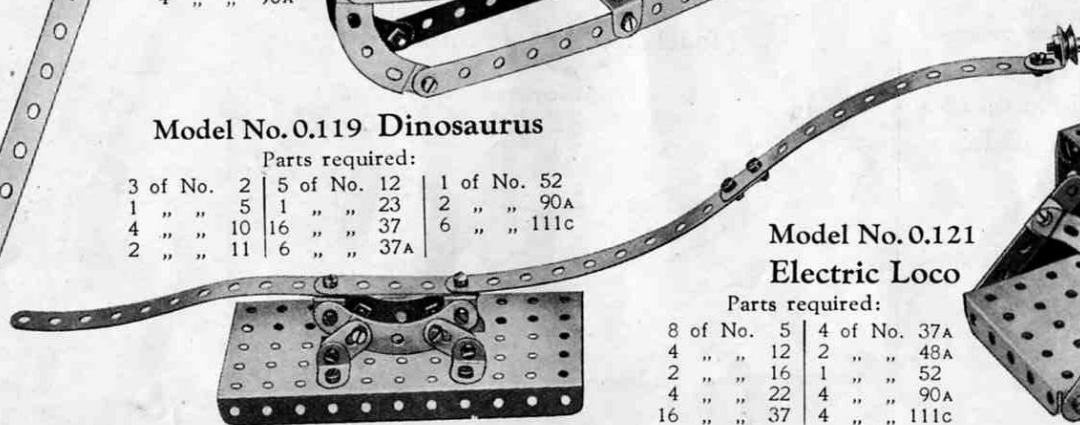
Model No. 0.118 Rowing Boat

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



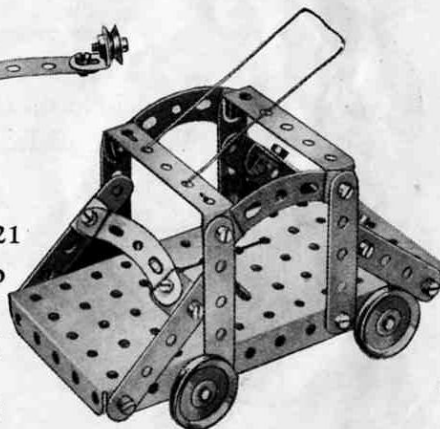
Model No. 0.119 Dinosaur

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



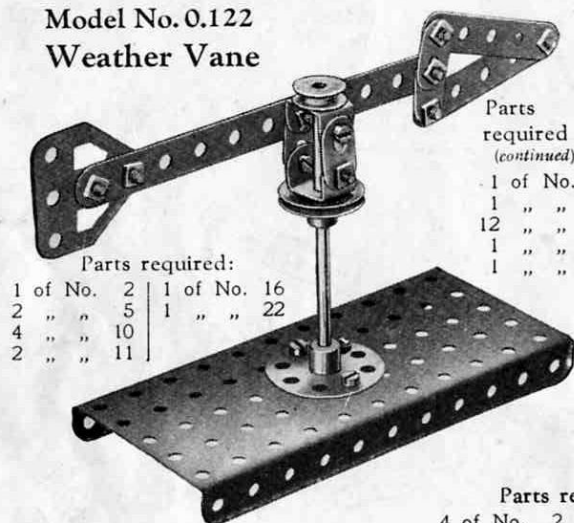
**Model No. 0.121
Electric Loco**

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. 0.122
Weather Vane**



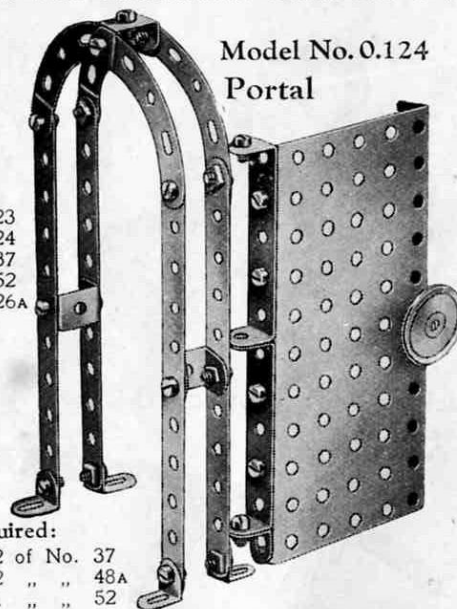
Parts required:

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

Parts required
(continued):

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

**Model No. 0.124
Portal**



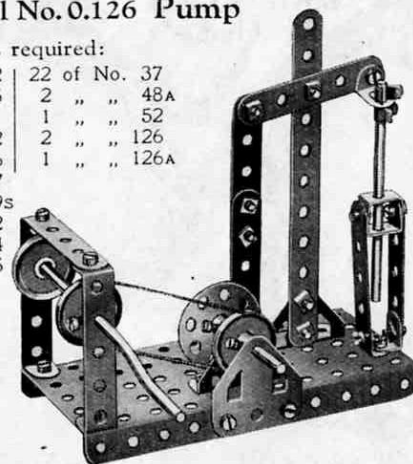
Parts required:

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

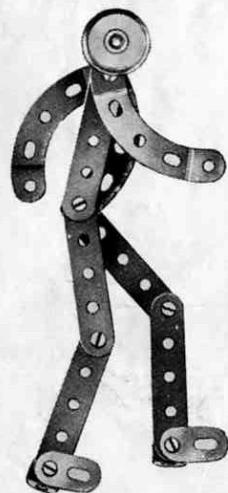
Model No. 0.126 Pump

Parts required:

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



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



**Model No. 0.123
Walking Man**

Parts

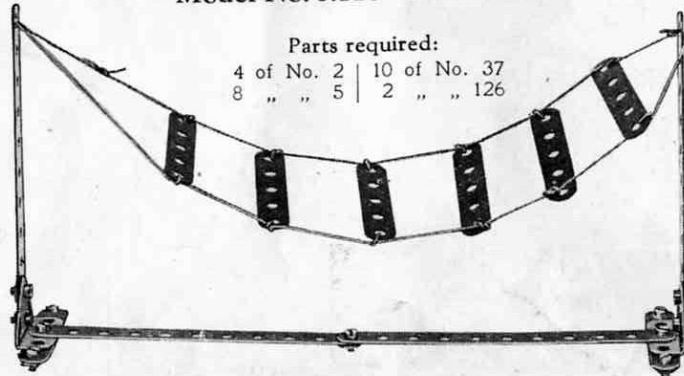
required:

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

Model No. 0.125 Hammock

Parts required:

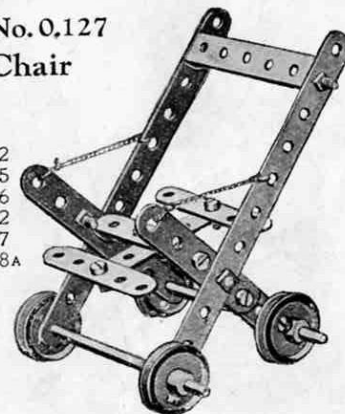
4 of No. 2	10 of No. 37
8 " " 5	2 " " 126



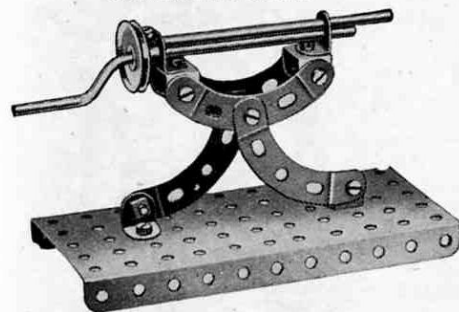
**Model No. 0.127
Go Chair**

Parts required:

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



Model No. 0.128 Machine Gun



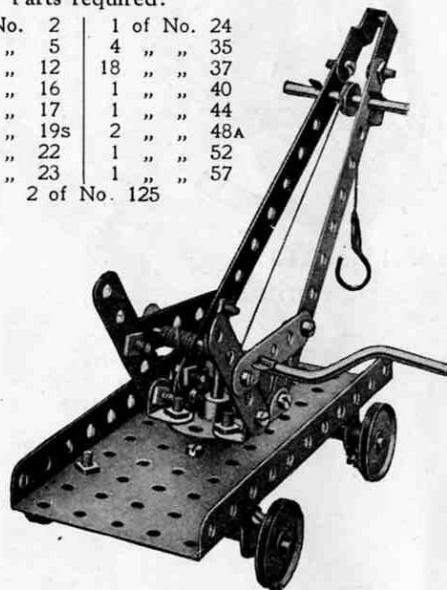
Parts required:

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

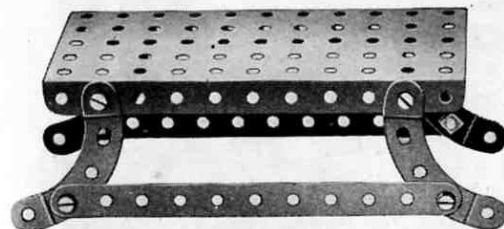
Model No. 0.130 Swivelling Crane

Parts required:

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



Model No. 0.129 Bench



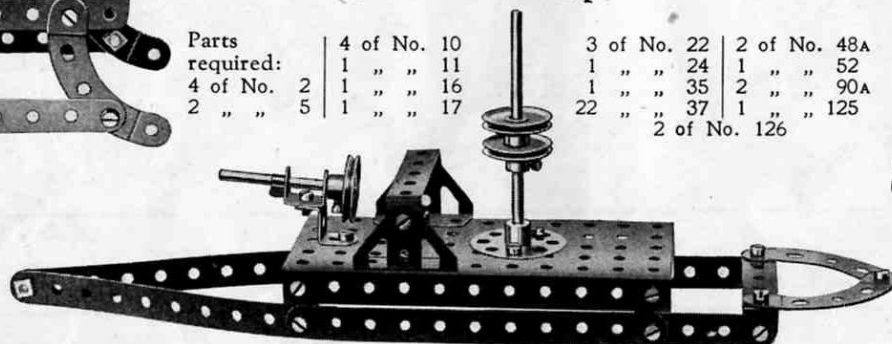
Parts required:

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

Model No. 0.131 Battleship

Parts required:

4 of No. 10
1 " " 11
4 of No. 2
1 " " 16
2 " " 5
1 " " 17

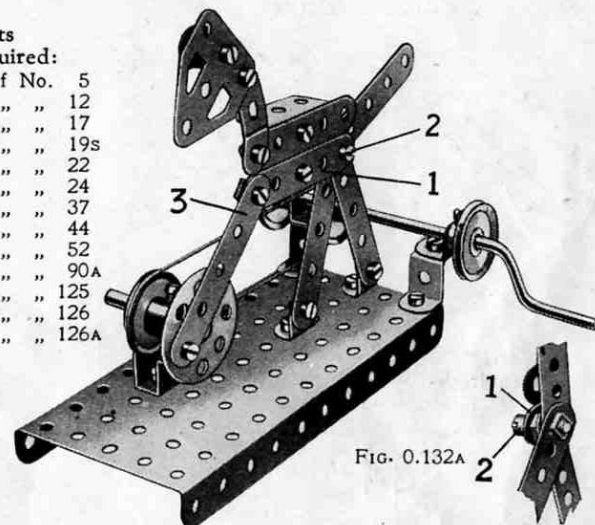


3 of No. 22	2 of No. 48A
1 " " 24	1 " " 52
1 " " 35	2 " " 90A
22 " " 37	1 " " 125
2 of No. 126	

Model No. 0.132 Prancing Horse

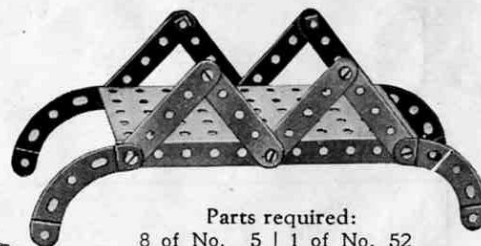
Parts required:

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



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. 0.132A. The Strip 3 is free to move at each end about pivots formed from bolts and nuts.

Model No. 0.133 Viaduct

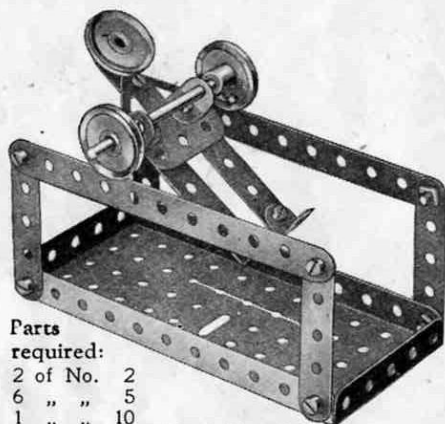


Parts required:

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

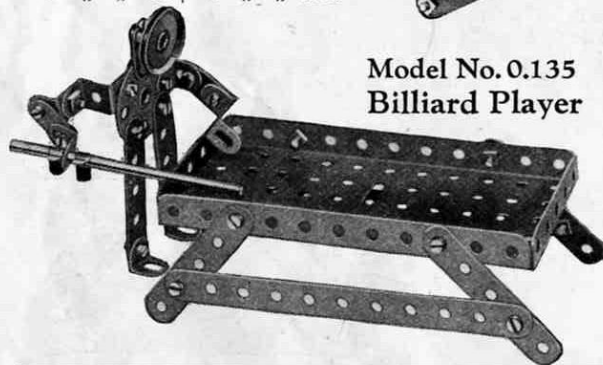
These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)

**Model No. 0.134
Parallel Bars**



Parts
required:

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



**Model No. 0.135
Billiard Player**

Parts
required:

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

Model No. 0.136 Candle Shade

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



**Model No. 0.137
Prehistoric Animal**



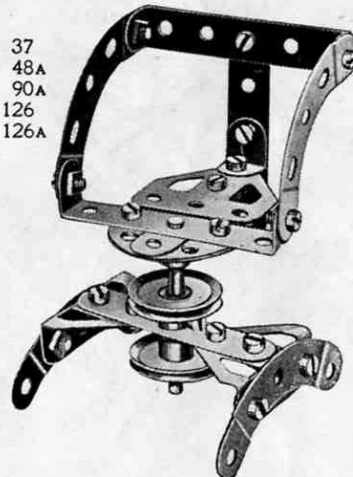
Parts
required:

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

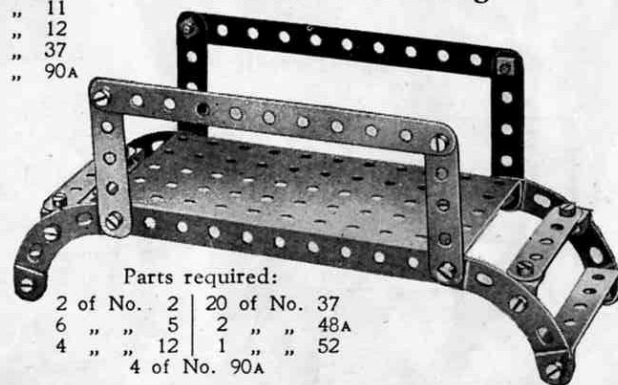
Model No. 0.138 Revolving Office Chair

Parts required:

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



Model No. 0.139 Bridge



Parts required:

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

HOW TO CONTINUE

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

MECCANO MOTORS

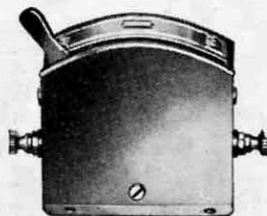
Electric Motor No. 1 (6 Volt)

The 6-volt Motor is specially designed to build into Meccano models. It may be run from a 6-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.

NOTE.—The Electric Motor No. 1 will not run satisfactorily from dry cells.

Resistance Controller

By employing this variable resistance the speed of the Meccano Electric Motor No. 1 (6-volt) may be regulated as desired. The controller is connected in series with the motor and accumulator, or with the motor and transformer if a transformer is used as the source of power.

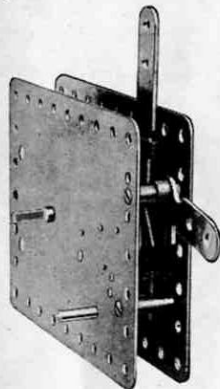


6-Volt Accumulator

This new and excellent type of Accumulator has been adapted to drive the Electric Motor No. 1. 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.

Transformer

By means of this transformer the Meccano Electric Motor No. 1 (6-volt) may be driven direct from the house supply (alternating current only). It is available for all standard supply voltages, from 100 to 250 inclusive, at all standard frequencies. The supply voltage and frequency must be specified when ordering.



Clockwork Motor

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

MECCANO ACCESSORY OUTFITS

Meccano Accessory Outfits

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

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

Special Inventor's Outfit

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



HORNBY TRAINS

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

No. M 0 Passenger Set

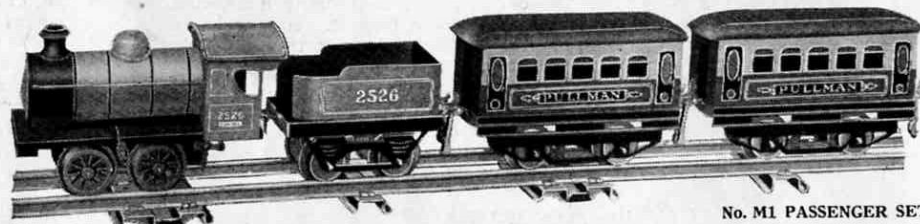
This set contains Locomotive (non-reversible), Tender, one Pullman Coach and set of Rails. One of the rails is a Brake Rail, by means of which the train may be braked from the track. The set is richly coloured and well finished. Gauge 0.

No. M 1 Passenger Set

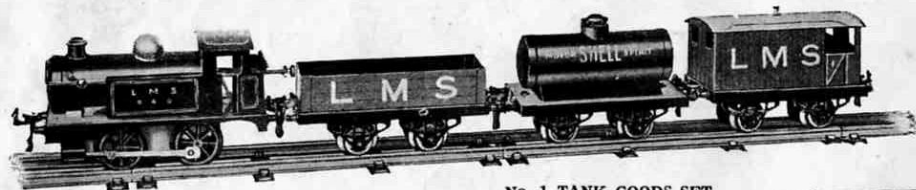
This set is similar to No. M0 Passenger Set excepting that it has two Pullman Coaches instead of one, and additional rails.

No. M 2 Passenger Set

Similar to the M1 Passenger Set excepting that it has three Pullman Coaches instead of two, and additional rails.



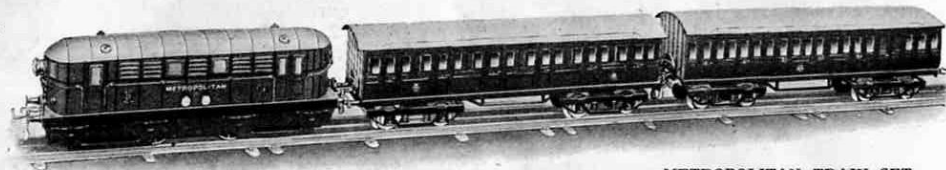
No. M1 PASSENGER SET



No. 1 TANK GOODS SET

Metropolitan Train Sets

The Locomotives and Coaches in these Train Sets belong to the electric passenger rolling stock of the Metropolitan Railway. They are distinctive in design, perfect in workmanship, and beautifully enamelled in representative colours. Two types are available—Clockwork and 6-volt Electric.



METROPOLITAN TRAIN SET

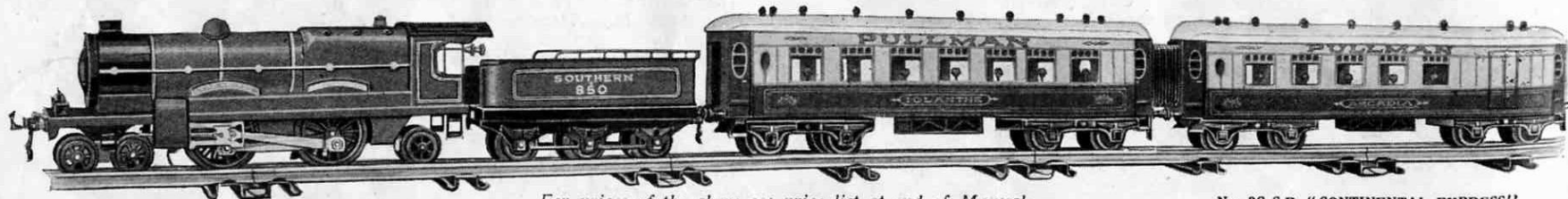
No. 3 Train Sets

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

Each locomotive carries the name of a famous British locomotive on the front wheel guard at each side. A special feature of the Pullman Coaches is the corridor connection, which gives the

Train a most realistic appearance. All the doors of the coaches open.

The Trains in this series are "Cornish Riviera" (G.W.R.), "Flying Scotsman" (L.N.E.R.), "Royal Scot" (L.M.S.R.), and "Continental Express" (S.R.). In each case the Train Set is available with either Clockwork or 6-volt Electric Motor. Gauge 0.



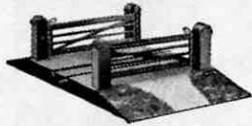
No. 3C S.R. "CONTINENTAL EXPRESS"

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

ROLLING STOCK AND ACCESSORIES



SIGNAL CABIN No. 2
Dimensions: Height 6½ in., Width 3½ in., Length 6½ in. Finished in colours and lettered "Windsor." Roof and back open to allow a signal lever frame to be fitted inside cabin, if desired, and operated! ... Price 6/6



LEVEL CROSSING No. 1
Price 3/6



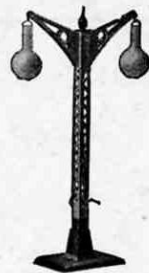
***CEMENT WAGON**
Finished in red.
Price 3/-



***HOPPER WAGON**
Mechanically unloading.
Finished in green.
Price 4/-



***MILK TRAFFIC VAN**
Fitted with sliding door, complete with milk cans.
Price 3/6



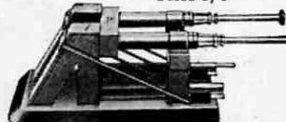
LAMP STANDARD No. 2 (DOUBLE)
Electric flashlamp bulbs may be fitted into the globes.
Price 4/-



***CRANE TRUCK**
Finished in brown and blue ... Price 3/6



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



BUFFER STOPS No. 2 (HYDRAULIC)
Price 5/-

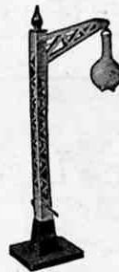


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Beautifully enamelled in green and red. Suitable for 2 ft. radius rails only Price 3/6

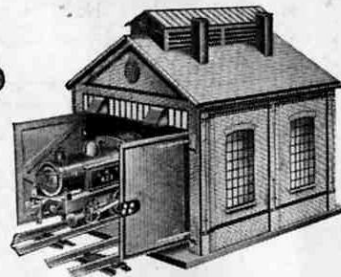


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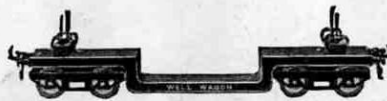
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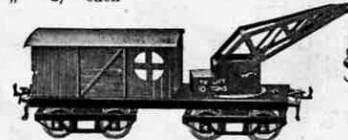
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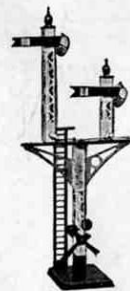
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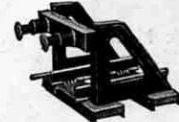
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Finished in brown and blue. Suitable for 2 ft. radius rails only ... Price 5/6
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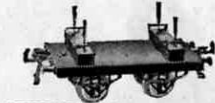
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No Outfit is genuine unless it bears the Trade Mark MECCANO

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No.	Quantity.	No.	Quantity.	No.	Quantity.
2. 5½" Perforated Strips ..	4	23. ½" Pulley Wheel (without Set-screw) 1		48a. 2½" × ½" Double Angle Strips	2
5. 2½" " " ..	9	24. Bush Wheel	1	52. Perforated Flanged Plate, 5½" × 2½"	1
10. Flat Brackets	4	34. Spanner	1	56B. Manual of Instructions No. 0	1
11. Double " "	2	35. Spring Clips	6	57. Hook	1
12. Angle " ½" × ½"	8	36. Screwdriver	1	90A. Curved Strips, 2½" Small Radius	4
16. 3½" Axle Rods	2	37. Nuts and Bolts	16	111c. Bolts, ½"	6
17. 2" " "	2	37A. Nuts	6	125. ½" Reversed Angle Brackets	2
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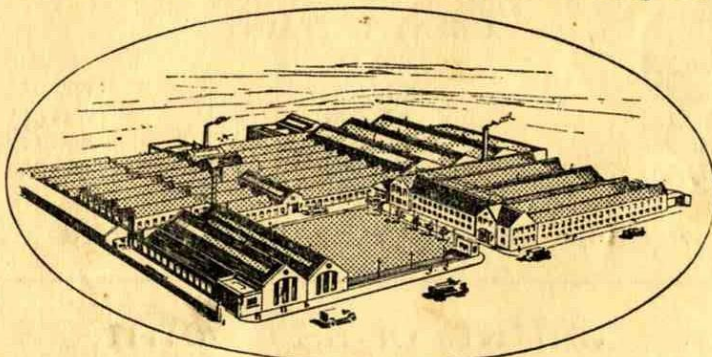


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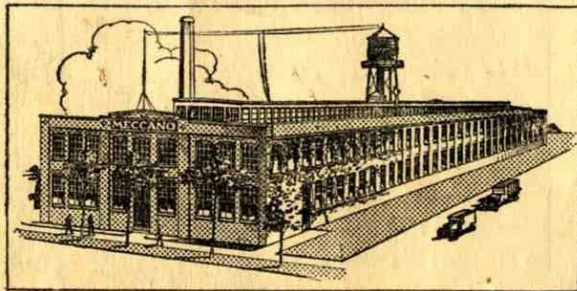
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