

MECCANO

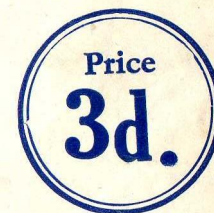
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HORNBY'S ORIGINAL SYSTEM—FIRST PATENTED 1901

INSTRUCTIONS

FOR OUTFITS

No. 00

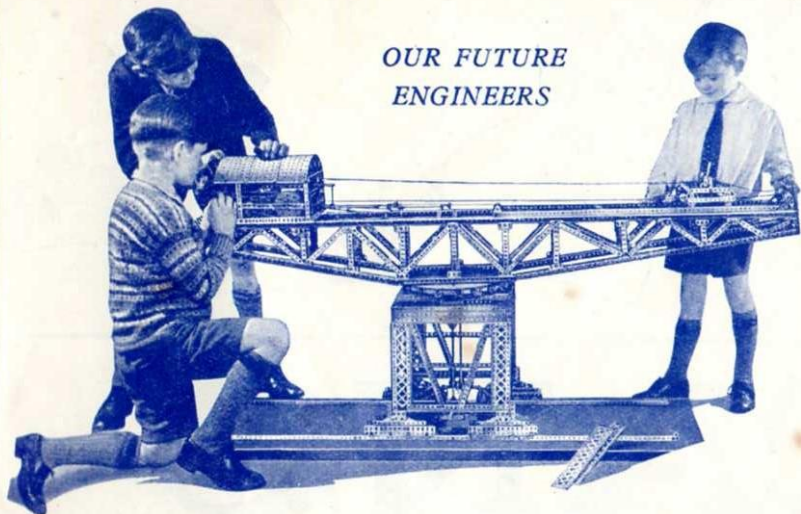


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No. 33.00

ENGLISH EDITION

OUR FUTURE ENGINEERS



A TALK WITH NEW MECCANO BOYS

The Meccano No. 000 and 00 Outfits are the first steps in the Meccano system. 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. 00A Accessory Outfit, you may convert your No. 00 into a No. 0. You will then be able to build many more models, including larger and better Cranes, Bridges, Wagons, Trucks, Windmills etc.

HOW TO BUILD WITH MECCANO

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

MECCANO ACCESSORY OUTFITS

It is important to remember that each Outfit (with the exception of Outfit No. 000) may be converted into the one next higher by means of an Accessory Outfit. Your No. 00 Outfit is converted into a No. 0 by adding to it a No. 00A. A No. 0A will then convert it into a No. 1 and so on. As you progress in Meccano you obtain a greater variety of perfectly-made engineering parts—Gear Wheels, Pulley Wheels, Worm Wheels, Couplings, Cranks, and many others. 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.

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. Time never hangs heavily on his hands and he is too busy and too happy to grumble. He reads the "Meccano Magazine" regularly and corresponds with his friend the Editor when he feels like it.

If you are not already a reader of the "Meccano Magazine" write to the Editor, Binns Road, Liverpool 13, England, for full particulars of the current subscription rates. If you prefer to do so, you may order the Magazine from your Meccano dealer or from any newsagent or bookstall.

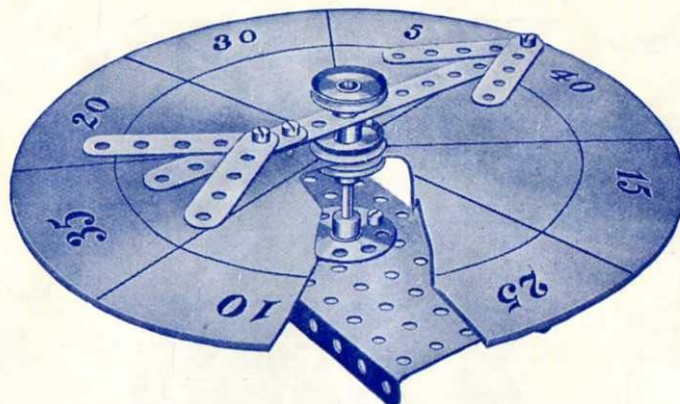
MECCANO SERVICE

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

Although all kinds of queries are put to us on all manner of subjects, the main interest is, of course, engineering. No one has such a wonderful knowledge of engineering matters as that possessed by our staff of experts. This vast store of knowledge, gained only by hard-earned experience, is at your service.

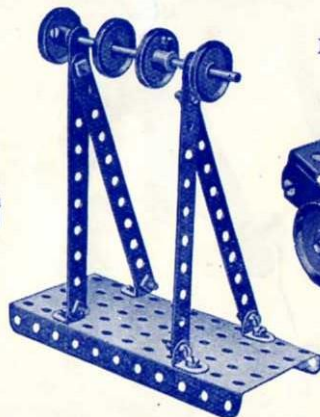
All these Models can be built with MECCANO Outfit No. 00

Model No. 00.6 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. 00.7 Pulley Shafting



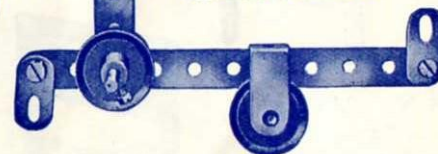
Model No. 00.8 Two-Hand Saw



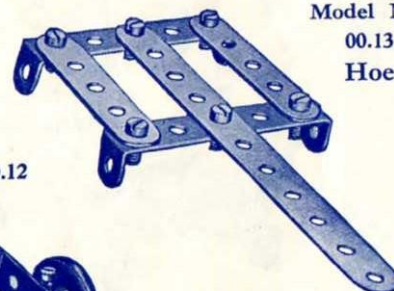
Model No. 00.9 Coat Hanger



Model No. 00.10 Roman Balance



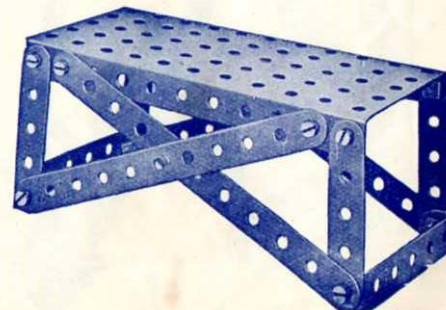
Model No. 00.11 Grill



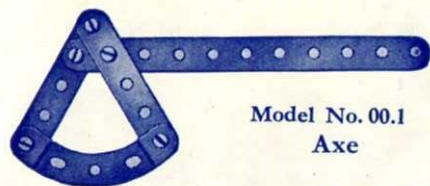
Model No. 00.13 Hoe



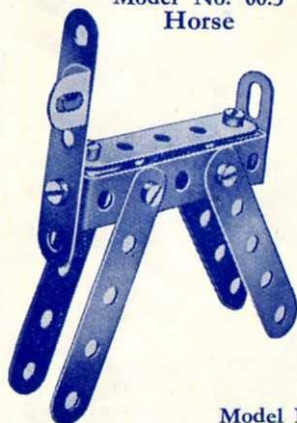
Model No. 00.14 Planing Bench



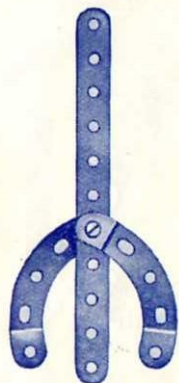
Model No. 00.1
Axe



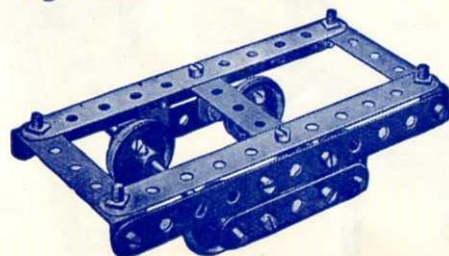
Model No. 00.3
Horse



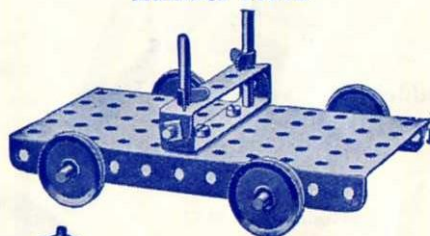
Model No. 00.2
Fork



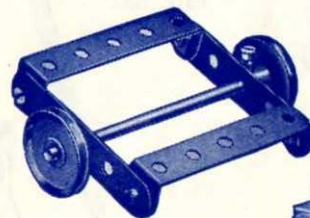
Model No. 00.4
Bogie Truck



Model No. 00.5
Lumber Truck

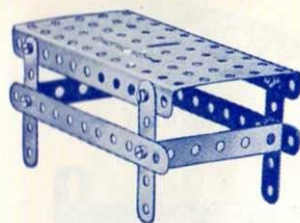


Model No. 00.12
Trolley



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

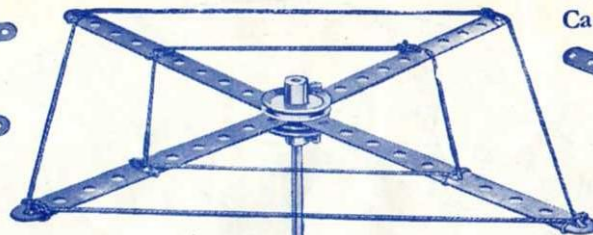
Model No. 00.15
Table



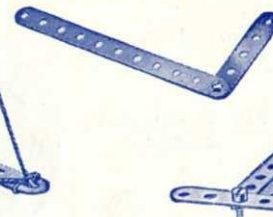
Model No. 00.17
Dividers



Model No. 00.22 Clothes Hanger



Model No. 00.26
Carpenter's Square



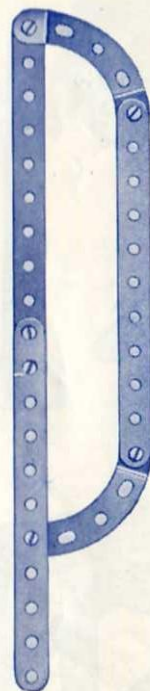
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Shipyard Bogie



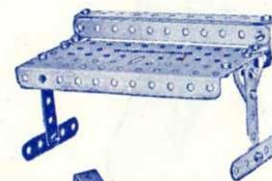
Model No. 00.18
Bench



Model No. 00.16
Meat Saw



Model No. 00.28 Desk



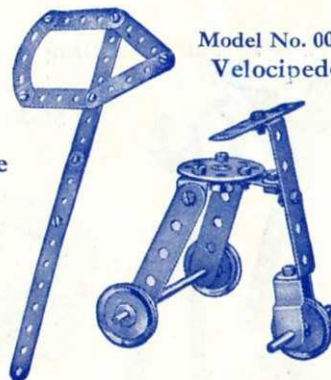
Model No. 00.29
Farm Sight



Model No. 00.19
Hand Cart



Model No. 00.23
Velocipede



Model No.
00.30
Trowel



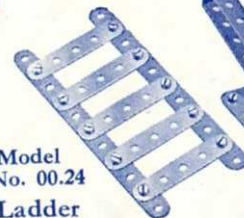
Model No. 00.32
Rifle with
Bayonet



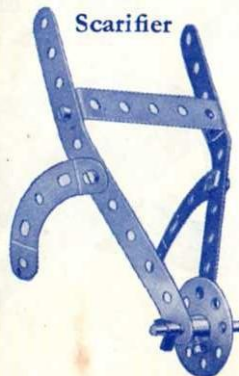
Model
No. 00.21
Fire-Axe



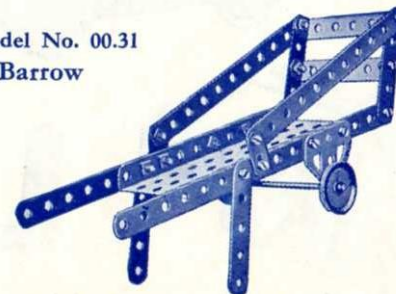
Model
No. 00.24
Ladder



Model No. 00.20
Scarifier



Model No. 00.31
Barrow

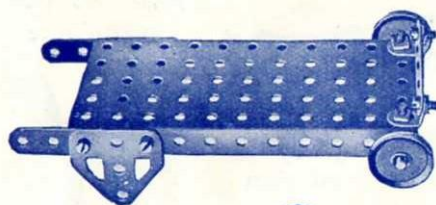


Model No. 00.25 Sled

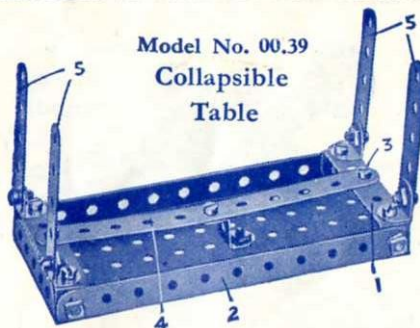


All these Models can be built with MECCANO Outfit No. 00

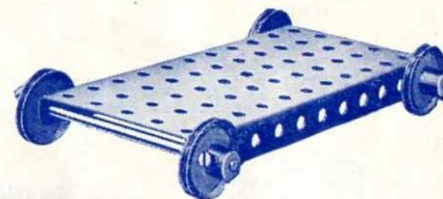
Model No. 00.33 Flat Truck



Model No. 00.39
Collapsible
Table



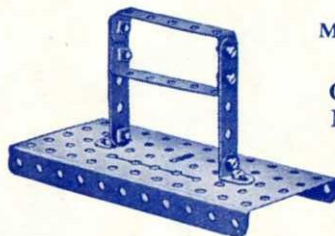
Model No. 00.41 Trolley



Model No.
00.34
Spade



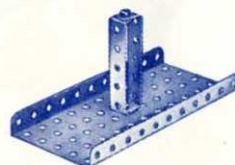
Model No.
00.35
Cement
Marker



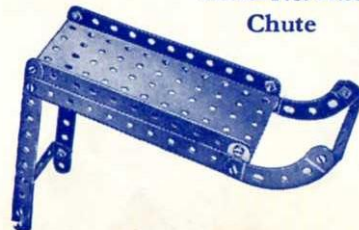
Model No. 00.36 Motor Boat



Model No.
00.37
Plasterer's
Hawk



Model No. 00.38
Chute

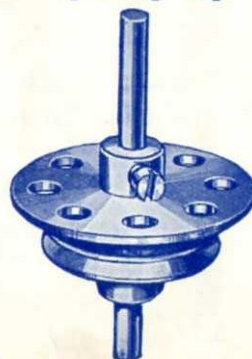


The $2\frac{1}{2}'' \times \frac{1}{2}''$ Double Angle Strips 1 are attached to the $5\frac{1}{2}'' \times 2\frac{1}{2}''$ Flanged Plate 2 by lock-nutted Bolts as in Standard Mechanism No. 263. The Bolts 3 are secured to the $5\frac{1}{2}''$ Strip 4 and their shanks engage with the centre holes in the $2\frac{1}{2}'' \times \frac{1}{2}''$ Double Angle Strips 1, thus maintaining the legs 5 in an upright position. When it is desired to fold up the legs 5, it is only necessary to raise the ends of the Strip 4, thus freeing the Double Angle Strips 1. The table is shown in the folded position in Fig. 00.39A.

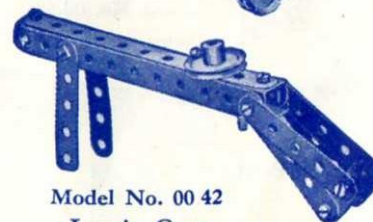


FIG. 00.39A

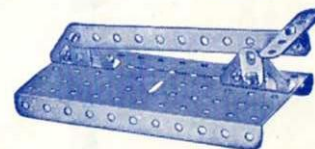
Model No. 00.40
Spinning Top



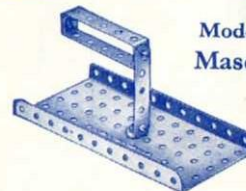
Model No. 00.42
Lewis Gun



Model No. 00.43 Switch



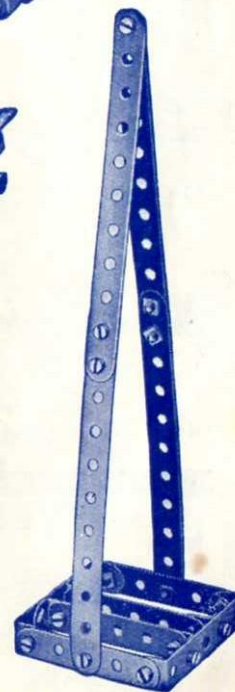
Model No. 00.44
Mason's Trowel



Model No. 00.45
Baggage Cart



Model No.
00.46
Potato
Chopper



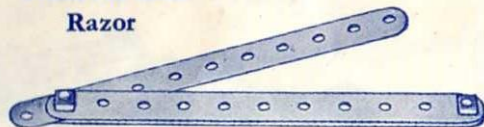
All these Models can be built with MECCANO Outfit No. 00

Model No.
00.47

Road Sign

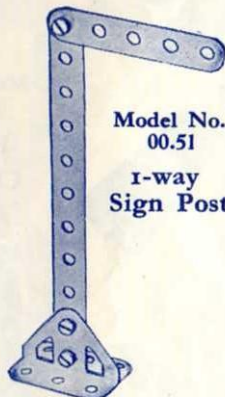


Model No. 00.50
Razor

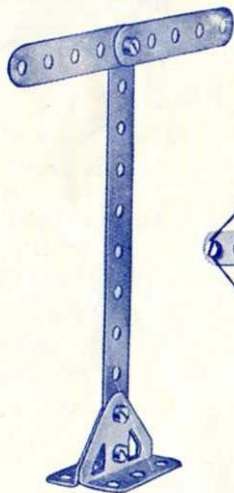


Model No.
00.51

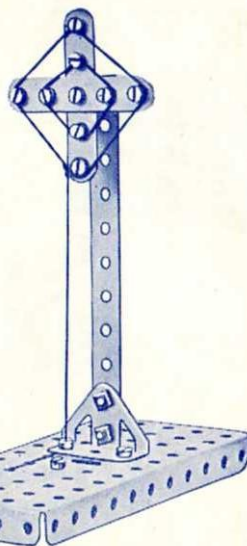
1-way
Sign Post



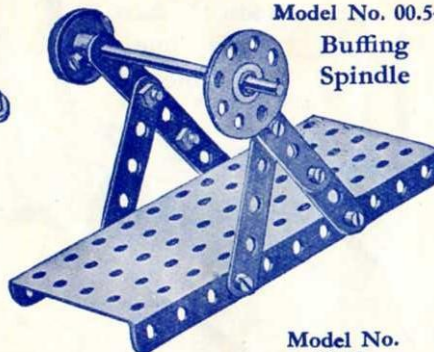
Model No. 00.52
2-way Sign Post



Model No. 00.53
Frame Aerial



Model No. 00.54
Buffing
Spindle



Model No. 00.58 Tweezers



Model No. 00.60
Battle Axe

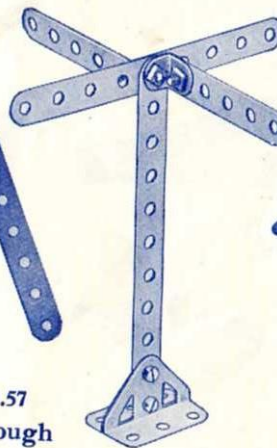
Model No. 00.59
3-way
Road Sign



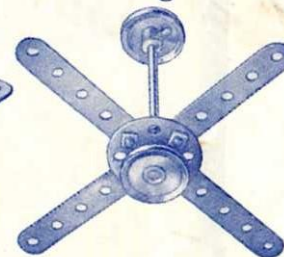
Model No.
00.55
Dividers



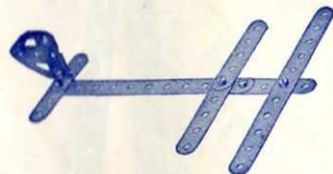
Model No. 00.56
4-way
Road Sign



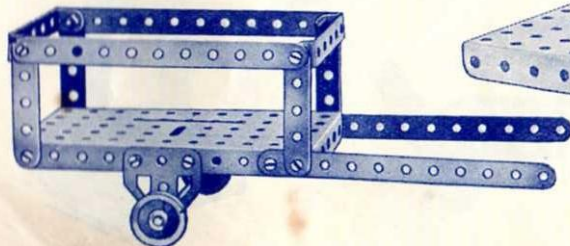
Model No. 00.61
Ceiling Fan



Model No. 00.48
Glider



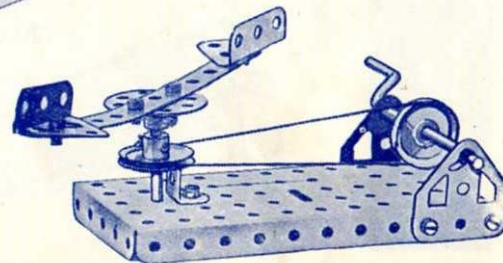
Model No. 00.49 Cart



Model No. 00.57
Drinking Trough

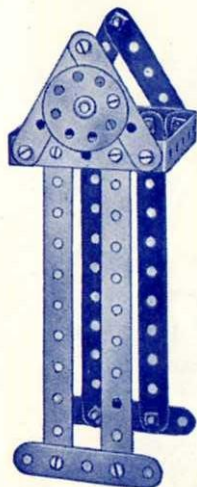


Model No. 00.62 Roundabout

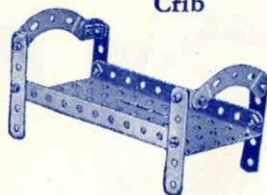


All these Models can be built with MECCANO Outfit No. 00

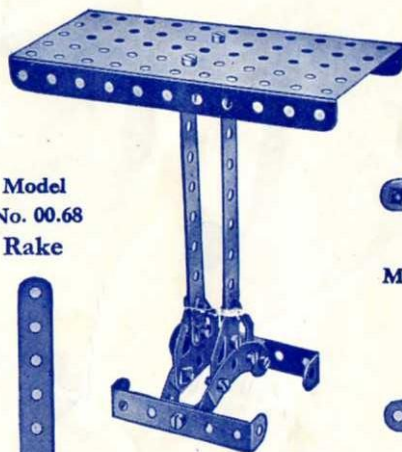
Model No. 00.63
Grandfather's Clock



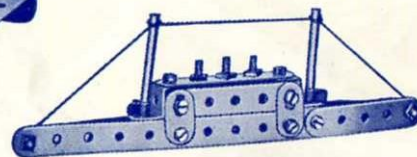
Model No. 00.66
Crib



Model No. 00.70 Table



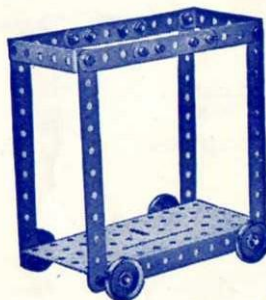
Model No. 00.72
Liner



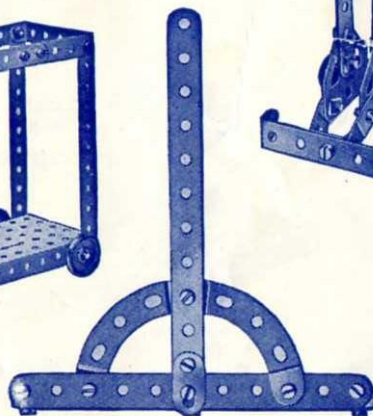
Model No.
00.75
Mail Bag
Hanger



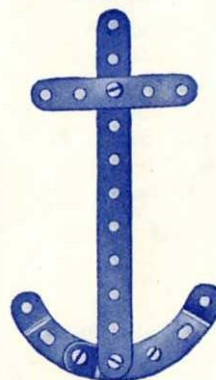
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Refreshment Wagon



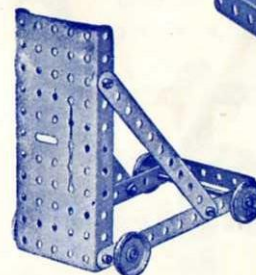
Model
No. 00.68
Rake



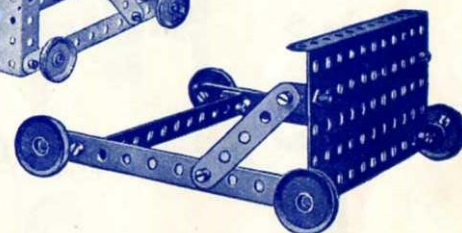
Model No. 00.73
Anchor



Model No. 00.74
Gravel Sifter



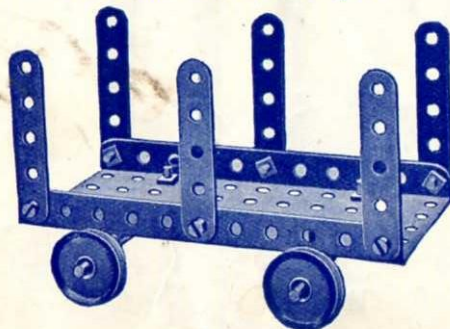
Model No. 00.76
Devil Wall



Model No. 00.64
Tin Opener



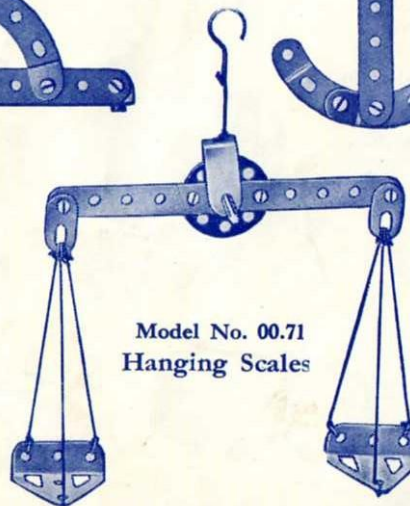
Model No. 00.65 Timber Truck



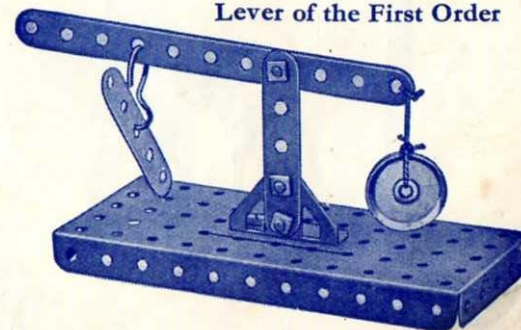
Model
No. 00.69
Stool



Model No. 00.71
Hanging Scales

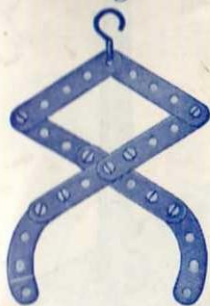


Model No. 00.77
Lever of the First Order

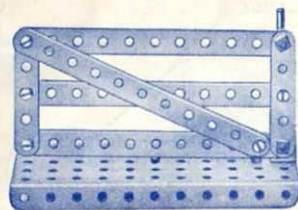


All these Models can be built with MECCANO Outfit No. 00

Model No. 00.78
Friction Grip
Tongs



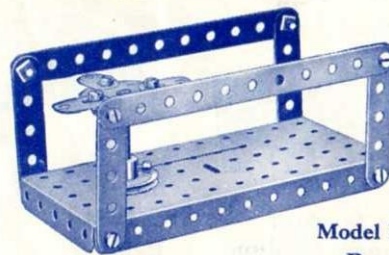
Model No. 00.80 Gate



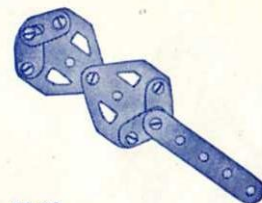
Model No. 00.85
Ladder
on
Wheels



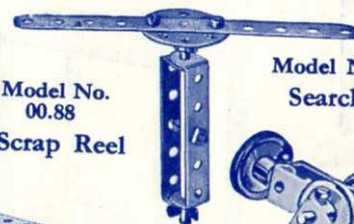
Model No. 00.87 Turnstile



Model No. 00.92 Violin



Model No. 00.89
Propeller



Model No. 00.81
Clothes Horse



Model No.
00.83
Birdcage
and
Stand

Model No. 00.86
Garden Hose
Reel



Model No.
00.88
Scrap Reel

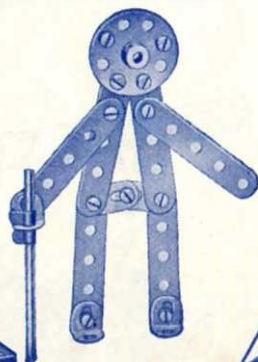
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Searchlight



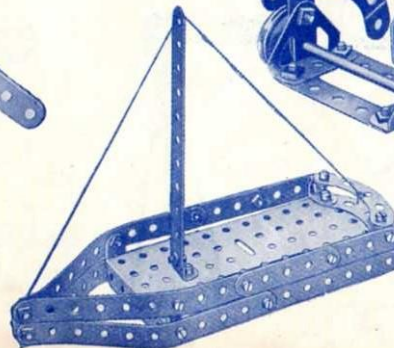
Model No. 00.79
Telegraph pole



Model No. 00.82
Meccano Man



Model No.
00.84
Barge

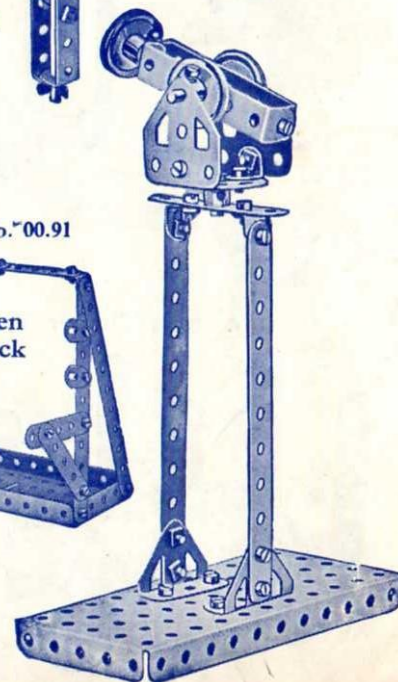
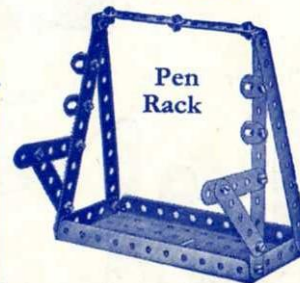


Model No.
00.90
Elevator
Car



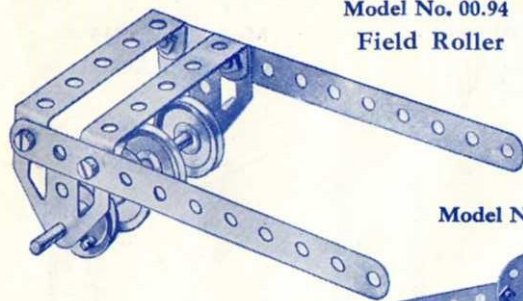
Model No. 00.91

Pen
Rack



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

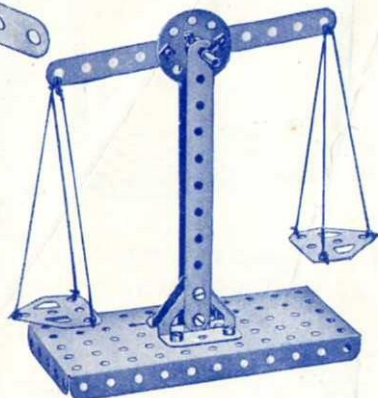
Model No. 00.94
Field Roller



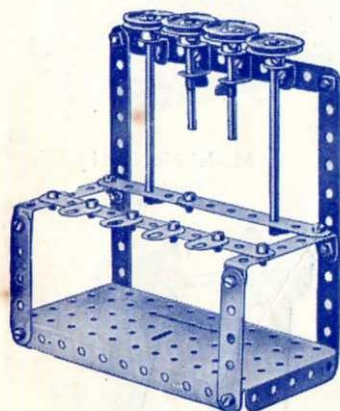
Model No. 00.100 Magic Plate

The cord is wound once round a 2" Axle Rod that is journaled in a Flat Bracket and a $\frac{1}{4}$ " 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.

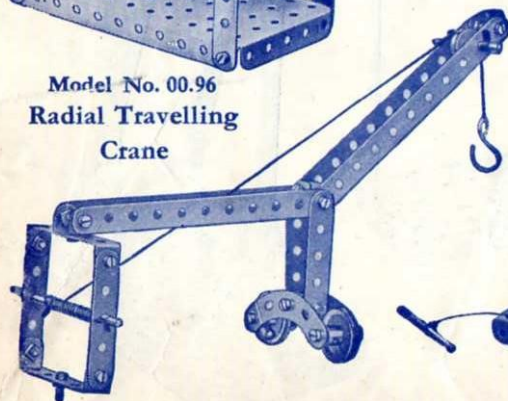
Model No. 09.97 Scales



Model No. 00.95
Organ



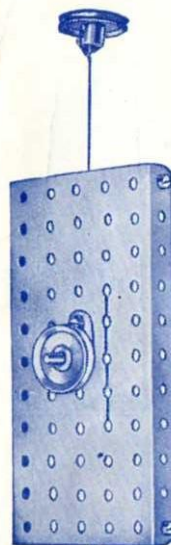
Model No. 00.96
Radial Travelling
Crane



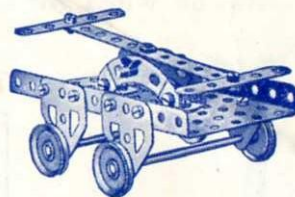
Model No. 00.98
Book End



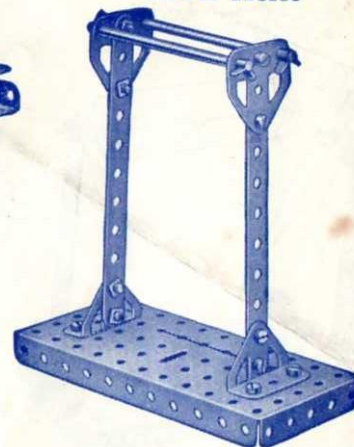
Model No. 00.99
Cheese Cutter



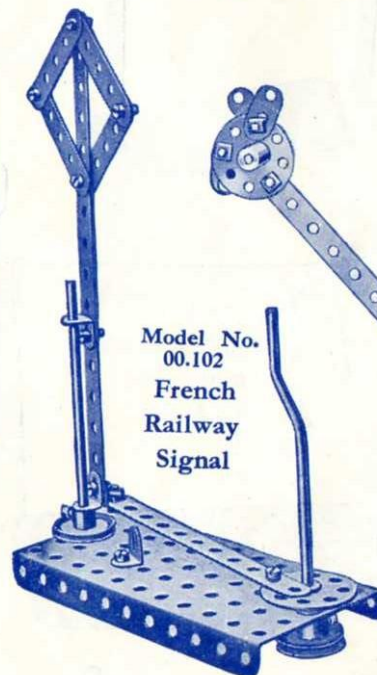
Model No. 00.101
Hand Car



Model No. 00.104
Towel Horse



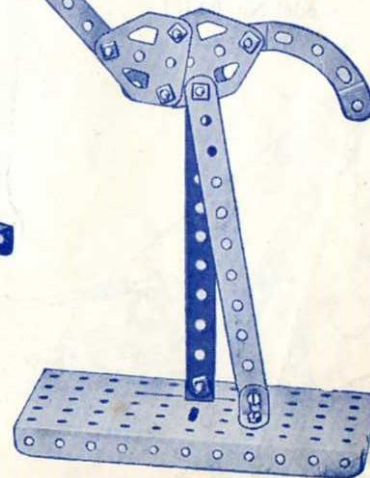
Model No.
00.102
French
Railway
Signal



Model No. 00.103 Cannon

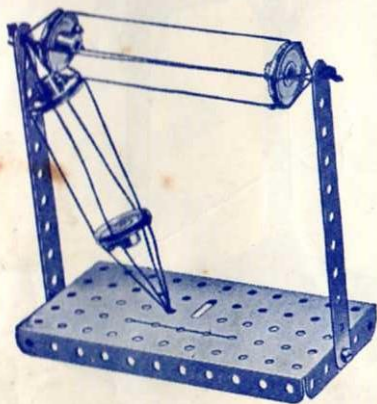


Model No. 00.105
Prehistoric Bird



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

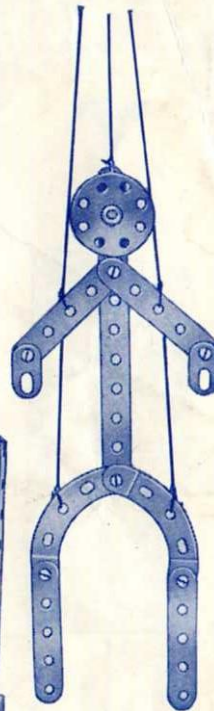
Model No. 00.106
Cage Aerial



Model No. 00.108
Double Wire L Aerial



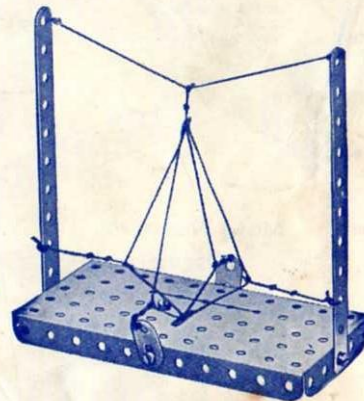
Model No. 00.110
Jumping Jack



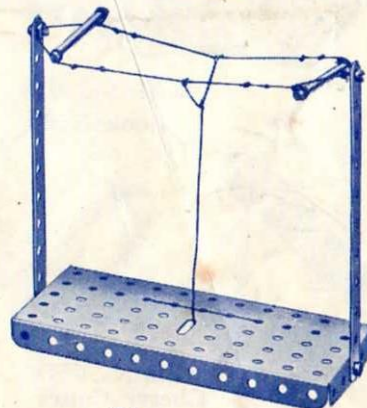
Model No. 00.112
Single Wire
T Aerial



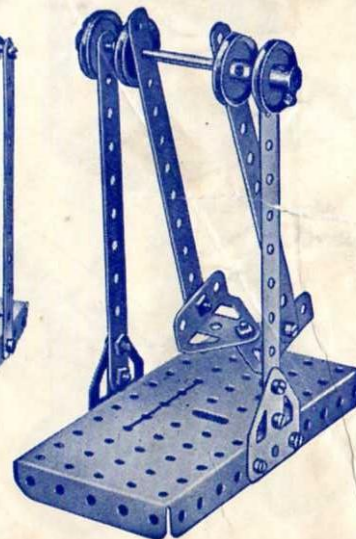
Model No. 00.114
Direction Aerial



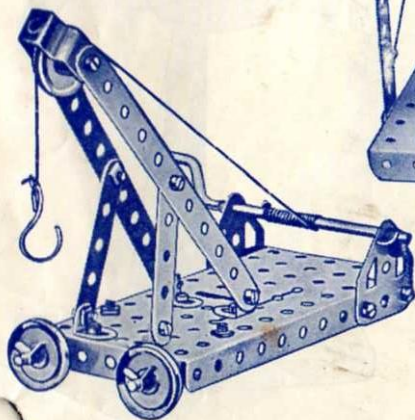
Model No. 00.113
Double Wire
T Aerial



Model No. 00.115
Swing



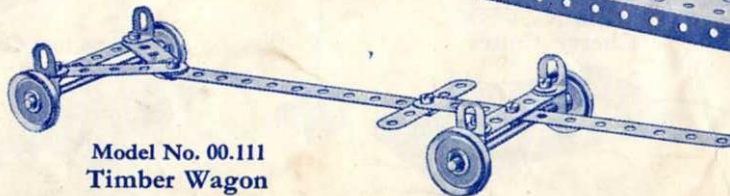
Model No. 00.107
Revolving Crane



Model No. 00.109
Single Wire
L Aerial



Model No. 00.111
Timber Wagon

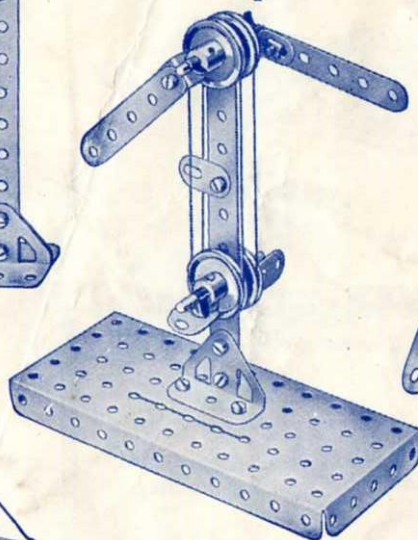


All these Models can be built with MECCANO Outfit No. 00

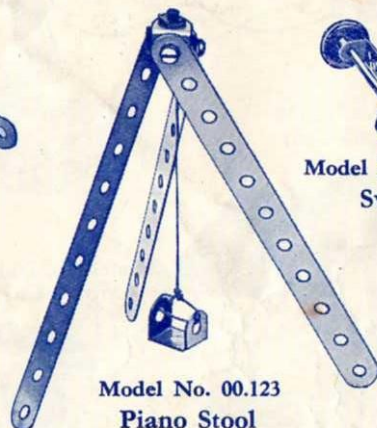
Model No. 00.120 Airship



Model No. 00.121
Semaphore



Model No. 00.122
Tripod



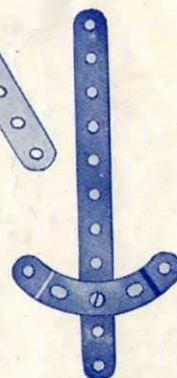
Model No. 00.123
Piano Stool



Model No. 00.124
Toy Horse



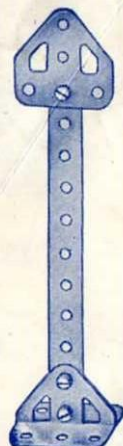
Model No. 00.125
Sword



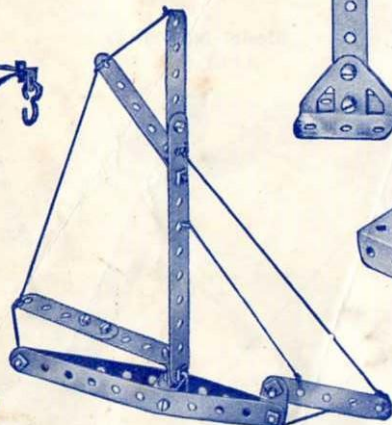
Model No. 00.126
Umbrella Stand



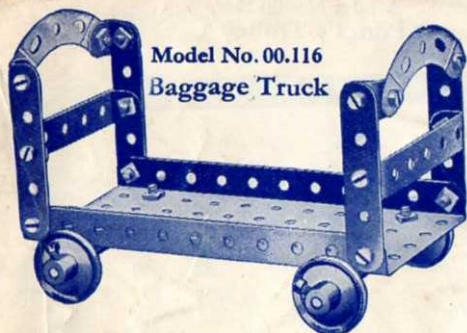
Model No. 00.119
Road Sign



Model No. 00.118
Yacht



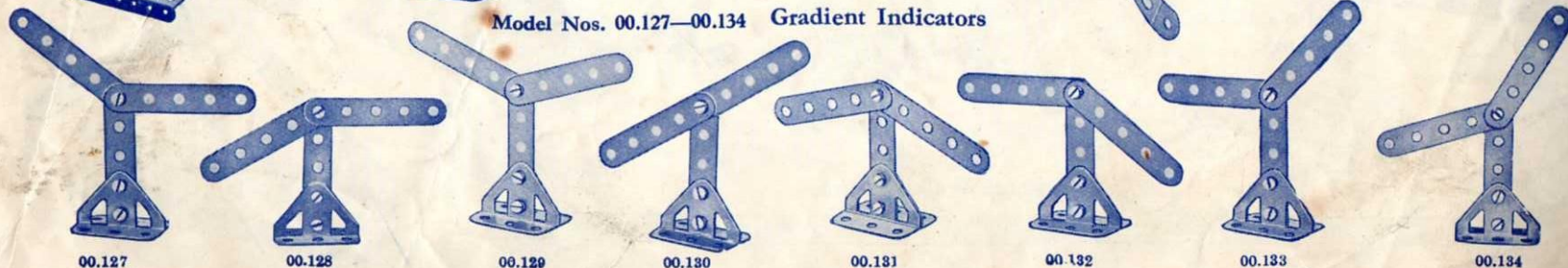
Model No. 00.116
Baggage Truck



Model No. 00.117
Mail Bag
Hanger



Model Nos. 00.127—00.134 Gradient Indicators



00.127

00.128

00.129

00.130

00.131

00.132

00.133

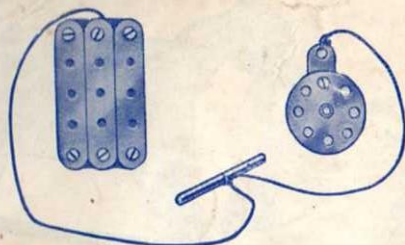
00.134

12

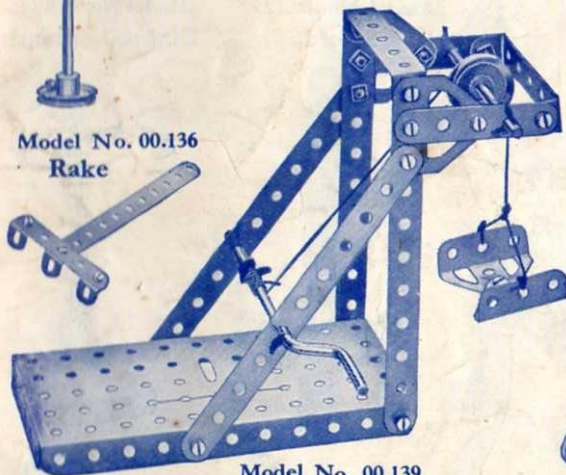
Model No. 00.135
Street
Lamp



Model No. 00.137
Watch and Chain



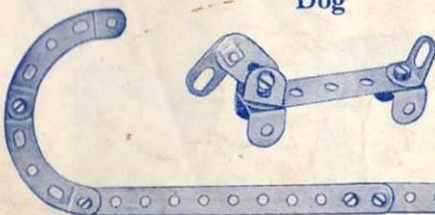
Model No. 00.138
Pit-Head Gear



Model No. 00.136
Rake



Model No. 00.139
Dog

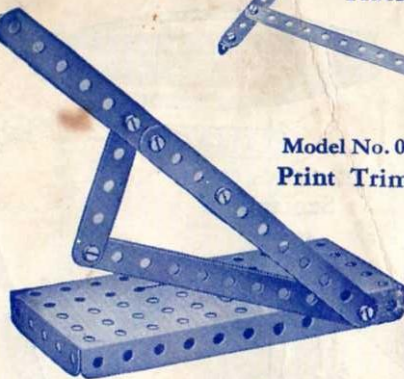


All these Models can be built with MECCANO Outfit No. 00

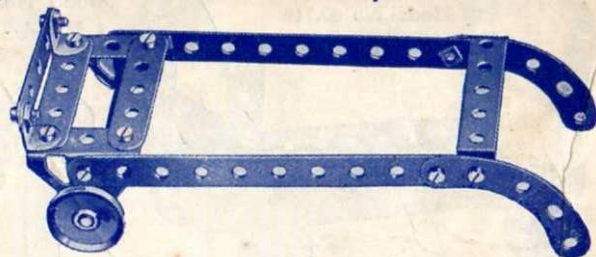
Model No. 00.142
Track Gauge



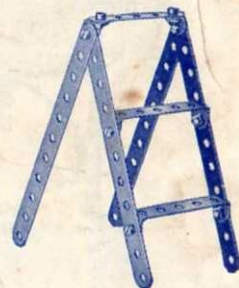
Model No. 00.143
Print Trimmer



Model No. 00.146
Porter's Trolley



Model No. 00.148
Step Ladder



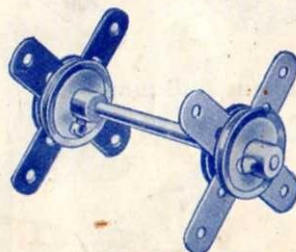
Model No. 00.147
Ostrich



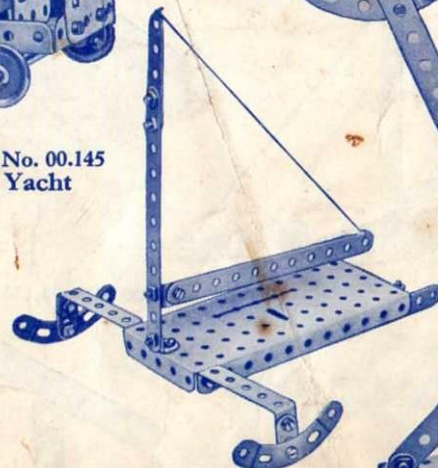
Model No. 00.144
Motor Car



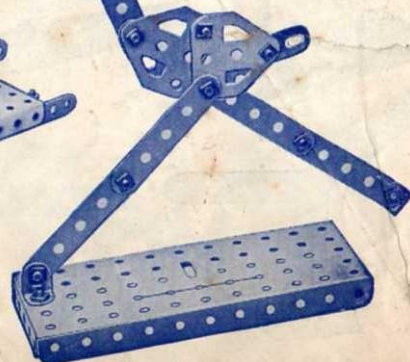
Model No. 00.140
Cutlery Rest



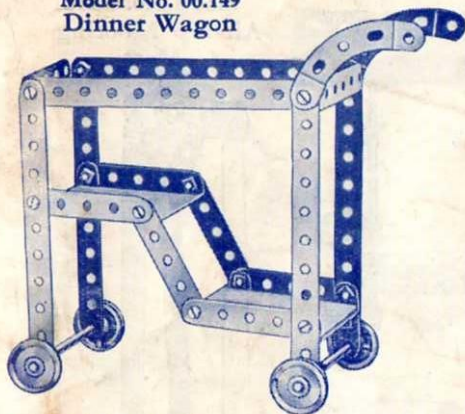
Model No. 00.145
Ice Yacht



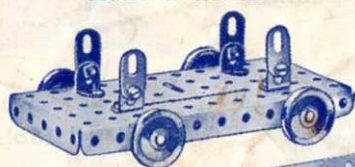
Model No. 00.141 Walking Stick



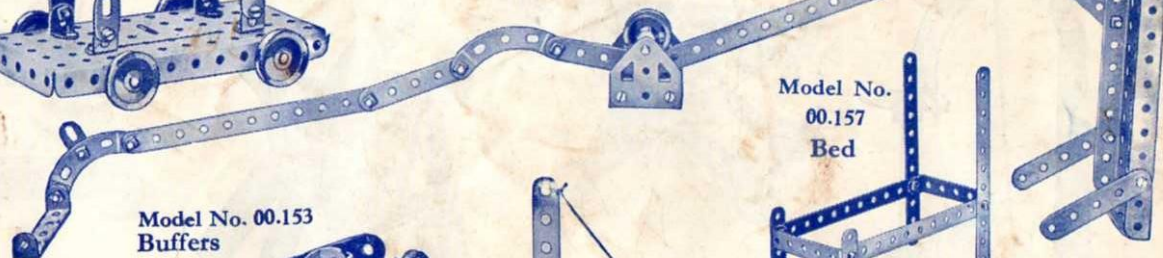
Model No. 00.149
Dinner Wagon



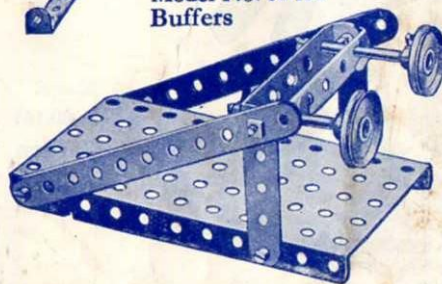
All these Models can be built with MECCANO Outfit No. 00
Model No. 00.152
Lumber Truck



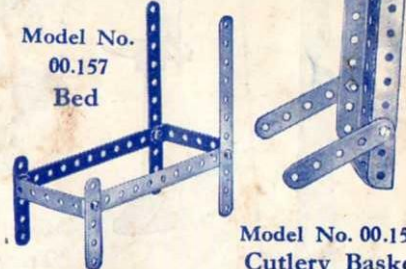
Model No. 00.156
Mono Rail



Model No. 00.153
Buffers



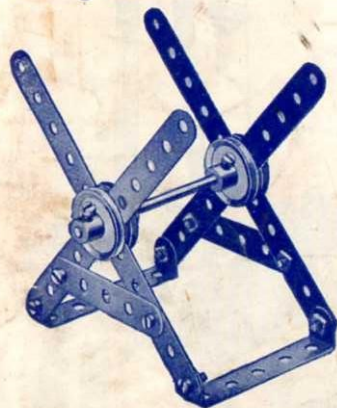
Model No.
00.157
Bed



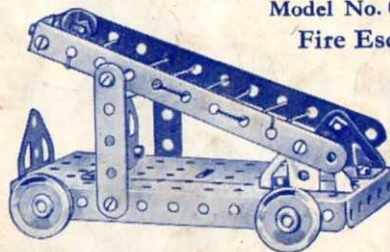
Model No. 00.158
Cutlery Basket



Model No. 00.150
Sawing Horse



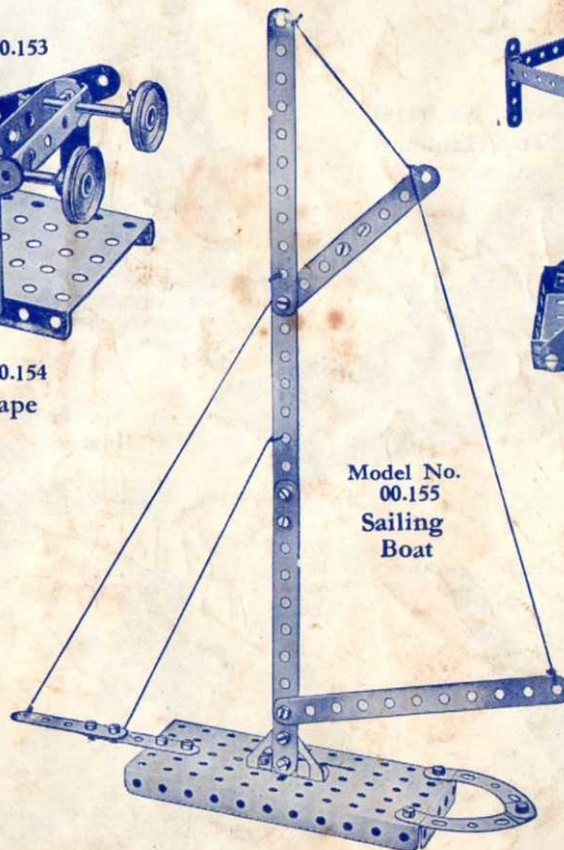
Model No. 00.154
Fire Escape



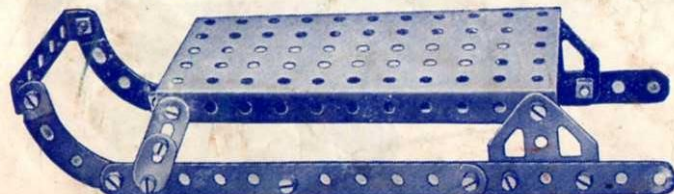
Model No. 00.159
Clothes Drying Frame



Model No.
00.155
Sailing Boat

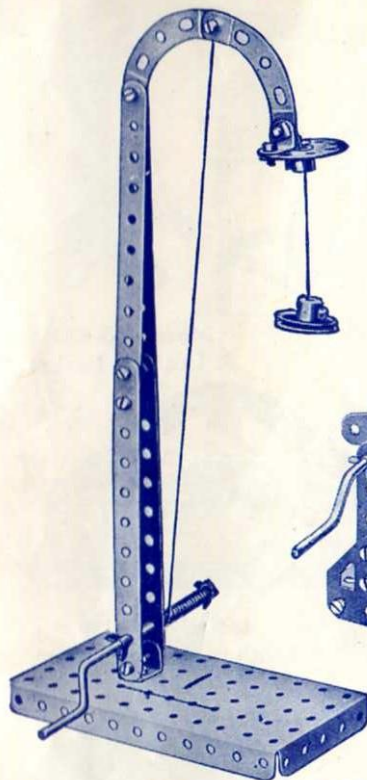


Model No. 00.151 Sledge

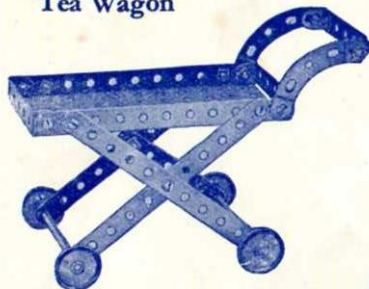


All these Models can be built with MECCANO Outfit No. 00

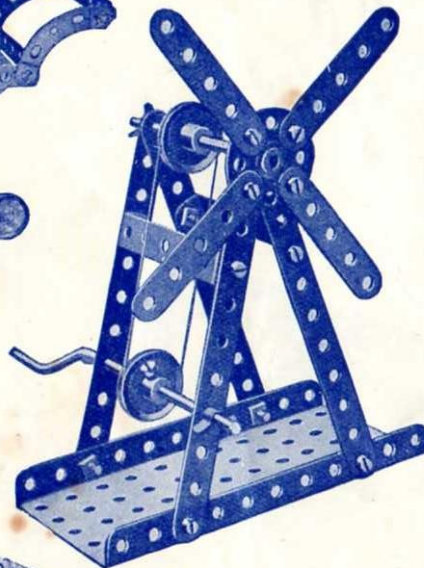
Model No. 00.160
Arc Lamp



Model No. 00.162
Tea Wagon

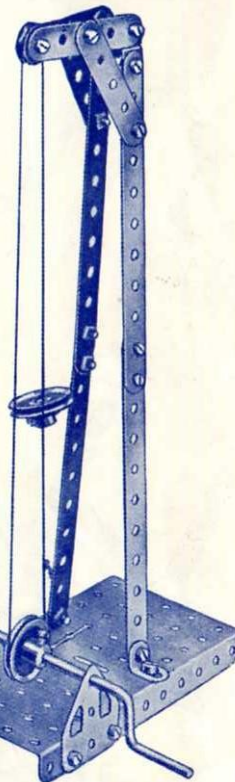


Model No. 00.164
Windmill

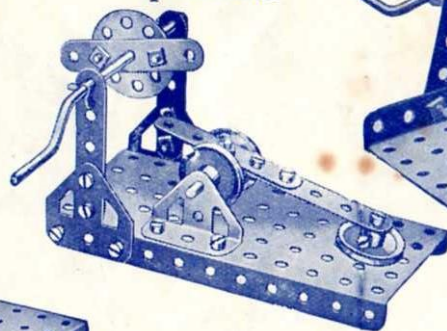


Model No. 00.166
Bed Table

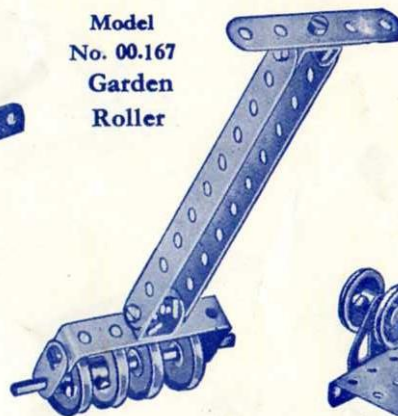
Model No. 00.168
Airship Mooring
Mast



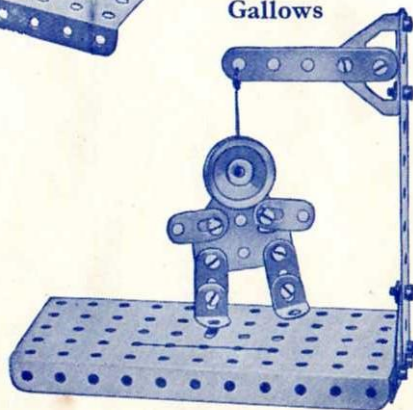
Model No. 00.163
Trip Hammer



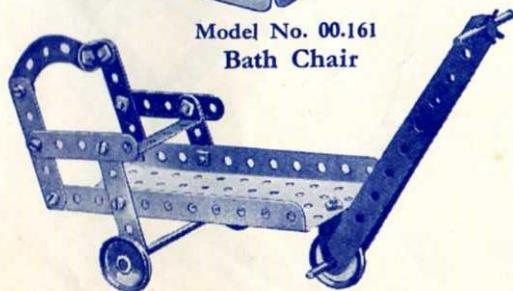
Model
No. 00.167
Garden
Roller



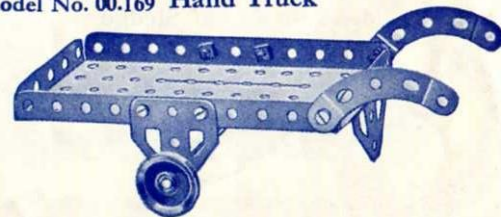
Model No. 00.165
Gallows



Model No. 00.161
Bath Chair

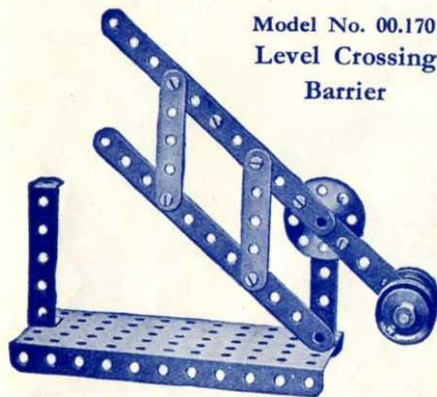


Model No. 00.169 Hand Truck



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

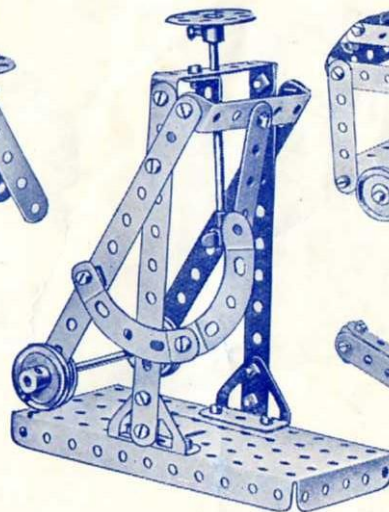
Model No. 00.170
Level Crossing
Barrier



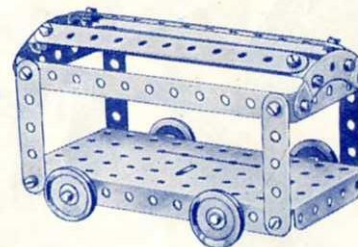
Model No. 00.172
Flower Pot
Stand



Model No. 00.174
Letter Balance

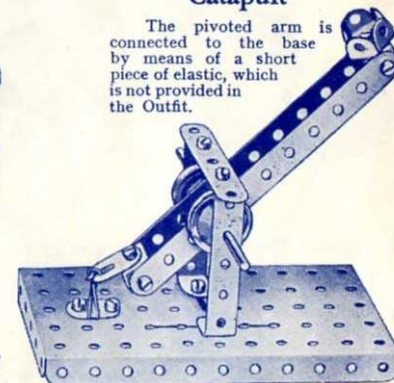


Model No. 00.176
Pullman Car

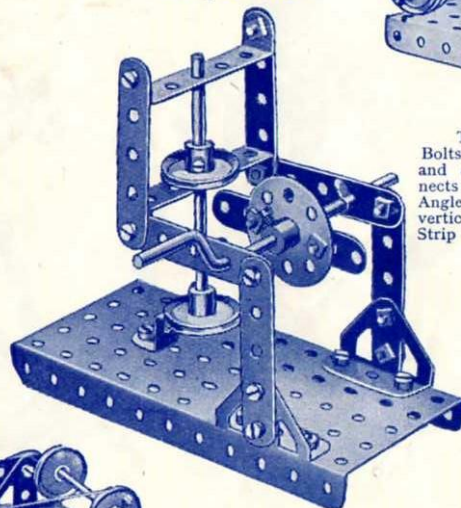


Model No. 00.178
Catapult

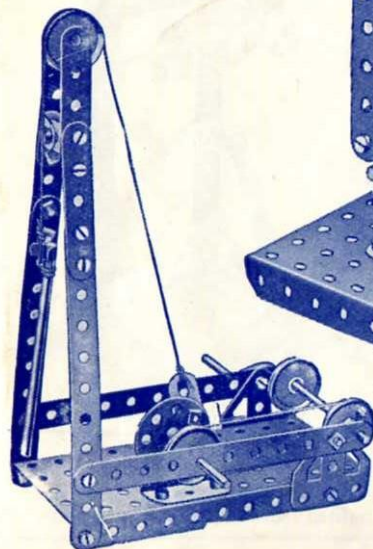
The pivoted arm is connected to the base by means of a short piece of elastic, which is not provided in the Outfit.



Model No. 00.173
Ore Crusher



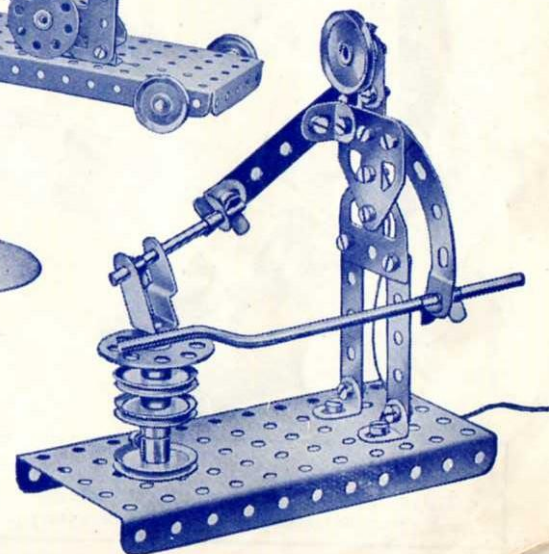
Model No. 00.171
Well Driller



Model No. 00.177
Big Gun

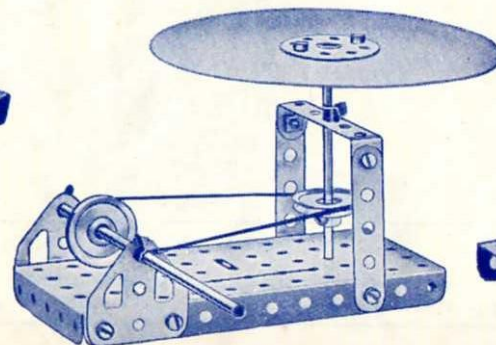


Model No. 00.179
Blacksmith



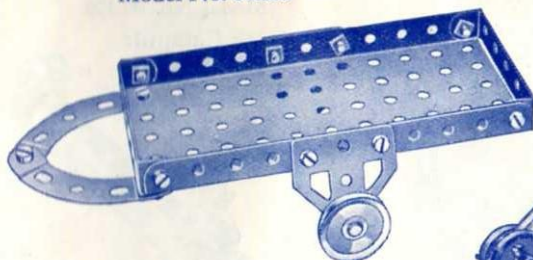
The weighted $5\frac{1}{2}$ " Strips are pivoted by Bolts and lock-Nuts to the vertical members, and a $2\frac{1}{2}$ " \times $\frac{1}{2}$ " Double Angle Strip connects their upper ends. This Double Angle Strip is connected, in turn, to the vertical $3\frac{1}{2}$ " Axle Rod by means of a $2\frac{1}{2}$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

Model No. 00.175 Joy Wheel

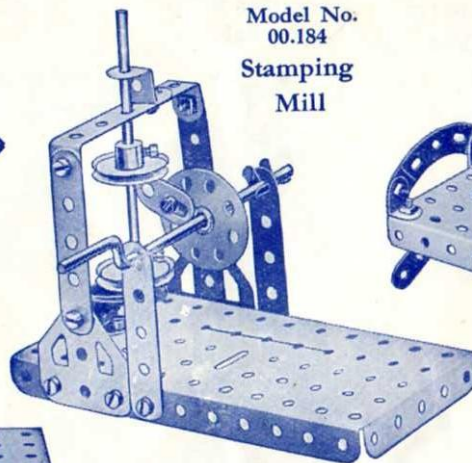


All these Models can be built with MECCANO Outfit No. 00

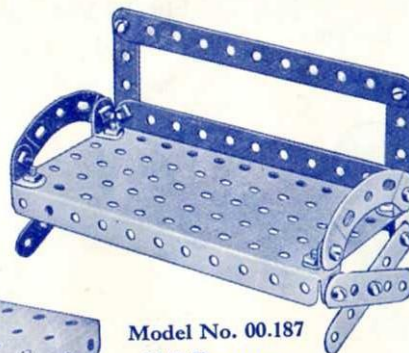
Model No. 00.180 Hand Truck



Model No.
00.184
Stamping
Mill



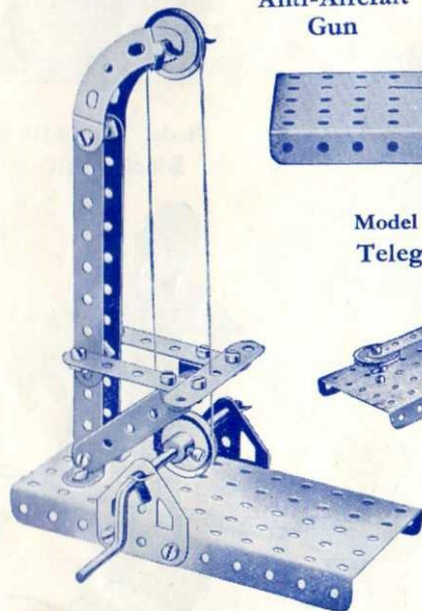
Model No. 00.186
Garden Seat



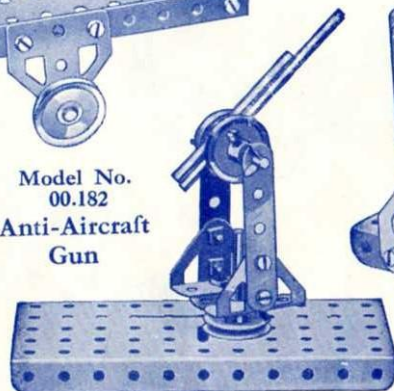
Model No. 00.188
Watch Stand



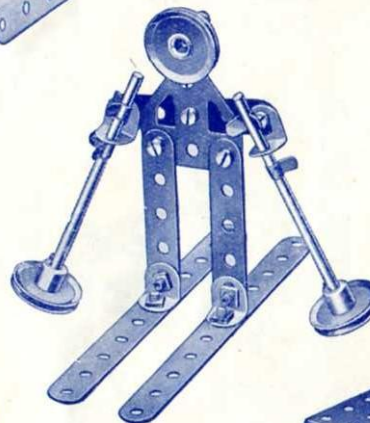
Model No. 00.181
Band Saw



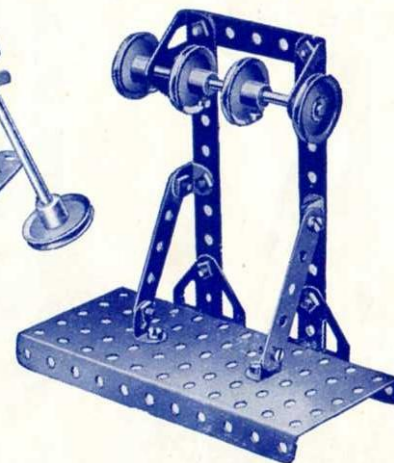
Model No.
00.182
Anti-Aircraft
Gun



Model No. 00.187
Ski-Runner



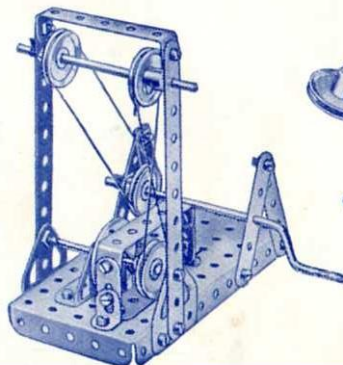
Model No. 00.189
Pulley Shafting



Model No. 00.183
Telegraph Key



Model No. 00.185
Circular Saw



HOW TO CONTINUE

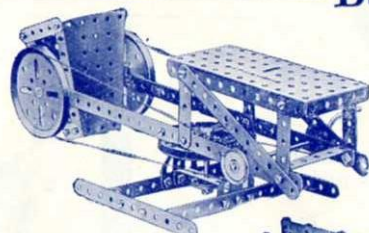
This completes our examples of models that may be made with MECCANO Outfit No. 00. The next models are a little more advanced, requiring a number of extra parts to construct them. The necessary parts are all contained in a No. 00A Accessory Outfit, the price of which may be obtained from any Meccano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

Build Bigger and Better Models

17



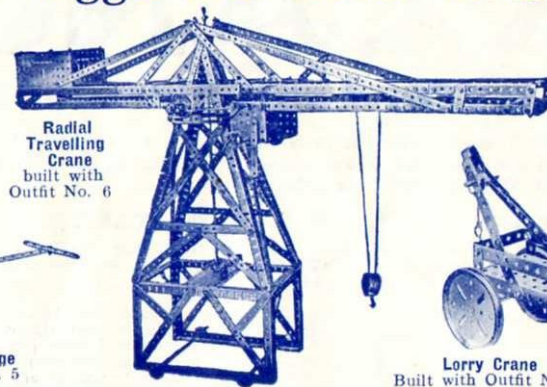
Electric Elevator
Built with Outfit No. 1



Giant Foundry Ladle
Built with Outfit No. 1



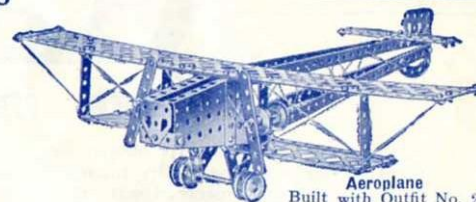
Field Gun and Carriage
Built with Outfit No. 5



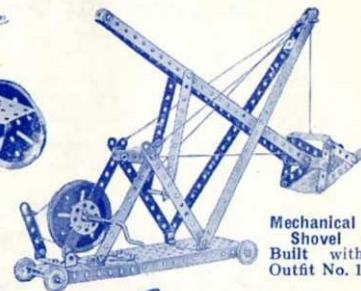
Radial Travelling Crane
built with Outfit No. 6



Lorry Crane
Built with Outfit No. 1



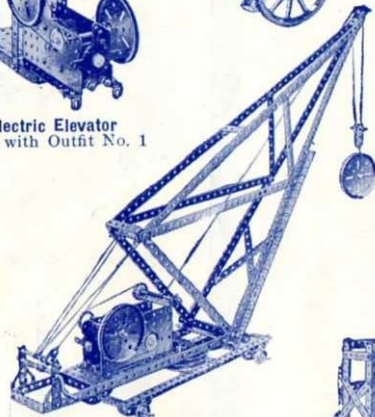
Aeroplane
Built with Outfit No. 2



Mechanical Shovel
Built with Outfit No. 1



Hay Tedder
Built with Outfit No. 2



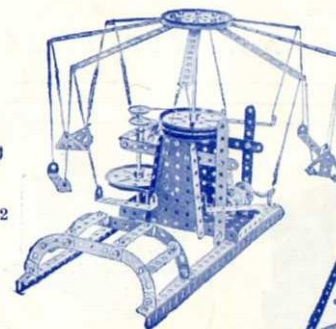
Travelling Jib Crane
Built with Outfit No. 2



Travelling Gantry Crane
Built with Outfit No. 7



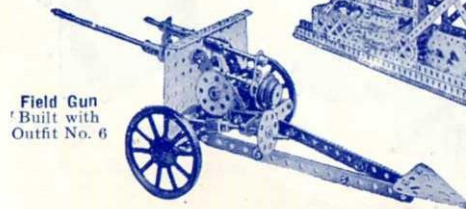
Turntable
Built with Outfit No. 2



Roundabout
Built with Outfit No. 2



Pit Head Gear
Built with Outfit No. 2



Field Gun
Built with Outfit No. 6



Steam Wagon
Built with Outfit No. 3

Keep Adding to Your Outfit

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

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

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

MECCANO

POWER UNITS FOR DRIVING MODELS

In order to obtain the greatest possible enjoyment from the Meccano hobby, the models must be set to work by means of one of the Meccano power units. Each of these units has side plates and base pierced with the Standard Meccano equidistant holes.

MECCANO CLOCKWORK MOTORS

All Meccano Clockwork Motors are strongly built and are fitted with powerful spring mechanisms that ensure a long steady run on each winding.

X Series Clockwork Motor. This non-reversing motor is specially designed to drive models made with Meccano X Series parts.

No. 1 Clockwork Motor. Non-Reversing.

No. 1A Clockwork Motor. Reversing.

No. 2 Clockwork Motor. Reversing.

MECCANO ELECTRIC MOTORS

There are five Electric Motors in the series—two 6-volt and three 20-volt. Each is a highly efficient power unit and, with ordinary care, will give long and excellent service. It is important to note that these Electric Motors cannot be run satisfactorily from dry cells.

No. E1 Electric Motor (6-volt). Non-reversing.

No. E6 Electric Motor (6-volt). Reversing.

No. E1/20 Electric Motor (20-volt). Non-reversing.

No. E20A Electric Motor (20-volt). Non-reversing.

No. E20B Electric Motor (20-volt). Reversing.

MECCANO RESISTANCE CONTROLLER

This Controller enables the speed of Meccano 6-volt Electric Motors to be regulated as desired.

MECCANO TRANSFORMERS

A Meccano Transformer provides a convenient and safe means of driving a Meccano Electric Motor from the mains supply where this is alternating current.

There are six Transformers in the series, all of which are available for all standard alternating current supply mains from 100 to 250 volts, at all standard frequencies. With the exception of T6 and T20, all the Transformers can be supplied for frequencies lower than 50 cycles. When ordering any of the Transformers the voltage and frequency of the supply must always be stated.

No. T6 Transformer (Output 25 V.A.) for 6-volt Electric Motors. Fitted with speed regulator.

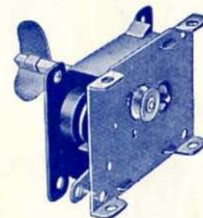
No. T6M Transformer (Output 25 V.A.) for 6-volt Electric Motors. This is similar to No. T6, but is not fitted with a speed regulator.

No. T6A Transformer (Output 40 V.A.) for 6-volt Electric Motors. Similar to No. T6, but provides three separate 9-volt circuits, the first of which is controlled by a 5-stud speed regulator.

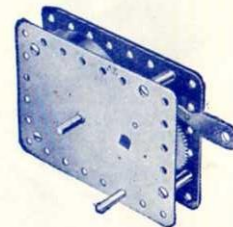
No. T20 Transformer (Output 25 V.A.) for 20-volt Electric Motors. Fitted with 5-stud speed regulator.

No. T20M Transformer (Output 25 V.A.) for 20-volt Electric Motors. This is similar to No. T20, but is not fitted with speed regulator.

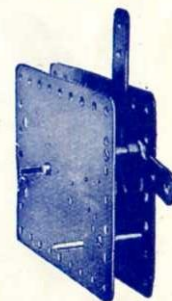
No. T20A Transformer (Output 40 V.A.) for 20-volt Electric Motors. Similar to T20, but provides three circuits—one at 20 volts controlled by 5-stud speed regulator, and two at 20 volts and $3\frac{1}{2}$ volts respectively, unaffected by the regulator.



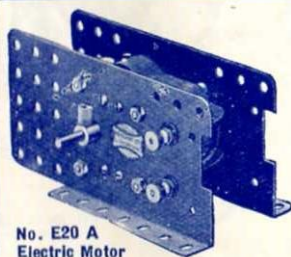
Meccano X Series
Clockwork Motor



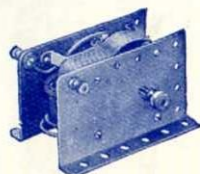
Meccano Clockwork
Motor No. 1



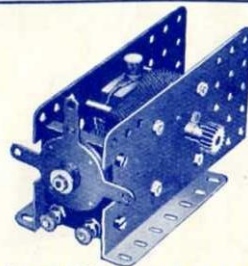
Meccano Clockwork
Motor No. 2



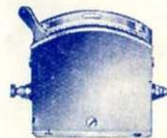
No. E20 A
Electric Motor



Meccano
Electric Motor
No. E1



Meccano Electric Motor No. E6



Resistance
Controller



Transformer No. T20

ASK YOUR DEALER FOR A COMPLETE PRICE LIST

MECCANO ACCESSORY OUTFITS



No. 2a Accessory Outfit

The Purpose of Meccano Accessory Outfits

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

IMPORTANT.—An Accessory Outfit No. 000a is not supplied, but details of the extra parts required to build all the models in the No. 00 Manual will be found in the Instruction Folder included in the No. 000 Outfit.



No. 3a Accessory Outfit

CONTENTS OF No. 00 OUTFIT

| No. | | Qty. |
|-----|--|------|
| 2 | Perforated Strips, $5\frac{1}{2}"$ | 4 |
| 5 | " " " " $2\frac{1}{2}"$ | 6 |
| 10 | Flat Brackets | 4 |
| 12 | Angle Brackets, $\frac{1}{2}" \times \frac{1}{2}"$ | 8 |
| 16 | Axle Rods, $3\frac{1}{2}"$ | 2 |
| 17 | " " " " $2"$ | 2 |
| 19s | Crank Handles (Small) | 1 |
| 22 | Pulley Wheels, $1"$ (Fast) | 4 |
| 24 | Bush Wheels | 1 |
| 35 | Spring Clips | 4 |
| 36 | Screw Drivers | 1 |
| 37 | Nuts and Bolts, $7/32"$ | 16 |

| No. | | Qty. |
|------|---|------|
| 37A | Nuts | 4 |
| 40 | Hanks of Cord | 1 |
| 44 | Cranked Bent Strips | 1 |
| 48A | Double Angle Strips, $2\frac{1}{2}" \times \frac{1}{2}"$ | 2 |
| 52 | Perforated Flanged Plates, $5\frac{1}{2}" \times 2\frac{1}{2}"$ | 1 |
| 57c | Hooks | 1 |
| 90A | $2\frac{1}{2}"$ Curved Strips, cranked, $1\frac{3}{8}"$ radius, 4 to circle | 2 |
| 111c | Bolts, $\frac{3}{8}"$ | 4 |
| 125 | Reversed Angle Brackets, $\frac{1}{2}"$ | 1 |
| 126 | Trunnions | 2 |
| 126A | Flat Trunnions | 2 |
| | Instructions Manual No. 00 | 1 |

Patents and Designs
Great Britain

| | |
|---------|---------|
| 250,378 | 369,337 |
| 253,236 | 671,484 |
| 323,234 | 671,485 |
| 356,567 | 671,534 |
| 365,701 | 671,790 |
| 366,921 | 680,416 |
| 368,975 | 682,208 |

682,209

MECCANO

THE TOY THAT MADE ENGINEERING FAMOUS

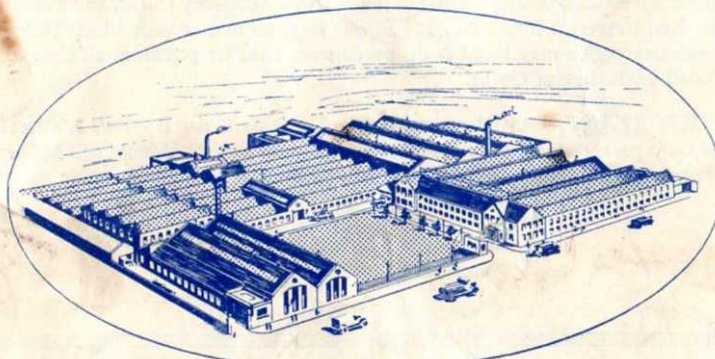
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| | |
|---------|---------|
| 682,934 | 733,541 |
| 683,011 | 733,542 |
| 698,054 | 740,413 |
| 718,404 | 740,723 |
| 718,731 | 767,865 |

777,900

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