

MECCANO



(TRADE MARK REG. U.S. PAT. OFF.)

INSTRUCTIONS FOR No. 0 OUTFIT

This outfit will build scores of other fine models in addition to those illustrated. There is no limit!

SPECIAL NOTE—All the "OO" models shown in this manual and the supplementary manuals included can be built with this No. 0 Outfit.

Price 15 Cents

MECCANO COMPANY
INCORPORATED

ELIZABETH, NEW JERSEY

AMERICAN EDITION

A TALK WITH NEW MECCANO BOYS

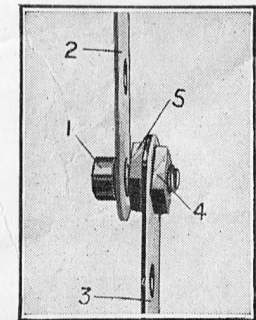
Meccano Outfits contain accurately-made and highly-finished engineering parts and enable every movement known to mechanism to be reproduced in model form. With Meccano, the original and only system, you can accomplish more than with any other model-building toy. No study is needed to enable anyone to build models with Meccano—the genius is in the Meccano parts.

You never come to the end of Meccano fun. There is always more ahead—always some new, ingenious and interesting model to build and there is no limit to them. Each one, as it is completed, “tuned up,” and set going, brings a joy and satisfaction beyond anything that boys have ever previously experienced.

As you progress in Meccano you obtain a greater variety of parts, gear wheels, pulley wheels, worm wheels, couplings, cranks, and all manner of perfectly-made real engineering parts. These enable you to construct advanced mechanical movements without any difficulty; it is fascinating and delightful and yet so simple that even an inexperienced boy may join in the fun without first having to study or learn anything.

It should be noted that in a number of models included in this Manual it is necessary to attach one part to another so that while the two cannot easily be disconnected, one or both are capable of moving quite freely. This is effected by securing a Meccano bolt and two nuts in the manner shown in the accompanying illustration, which is reproduced from the “Standard Mechanisms” Manual (detail No. 262). The bolt 1 passes through the Strip 2 and is held securely to Strip 3 by means of two nuts 4 and 5 screwed tight against opposite sides of the Strip. Sufficient space is left between the nut 5 and the bolt head to allow free movement of the Strip 2. Examples of the use of this form of pivot will be found in the Wheel Chair (Model No. 93), where it is employed to connect to the Flanged Plate the Cranked Bent Strip carrying the front wheel, and in the Shearing Machine (Model No. 96), wherein the bolt and nut joint is used to make the necessary pivotal connections between the three moving levers. It is also used to secure the right arm of the Blacksmith (Model No. 128) so that his hammer can be manipulated by pulling a piece of string.

Another form of pivot or swivel joint frequently used in Meccano models is obtained by first placing the Strips 2 and 3 on bolt 1 and locking the nuts 4 and 5 on its shank. The nuts are turned in opposite directions so that they securely grip each other in position on the bolt. This arrangement allows for free movement of both Strips 2 and 3, independently of the bolt. Two examples of this pivotal connection can be seen in Model No. 122.



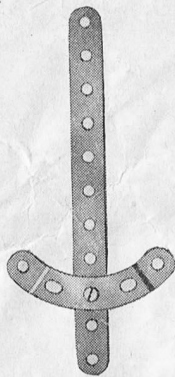
S.M. No. 262

These Models May Be Built with Meccano Outfit No. 00

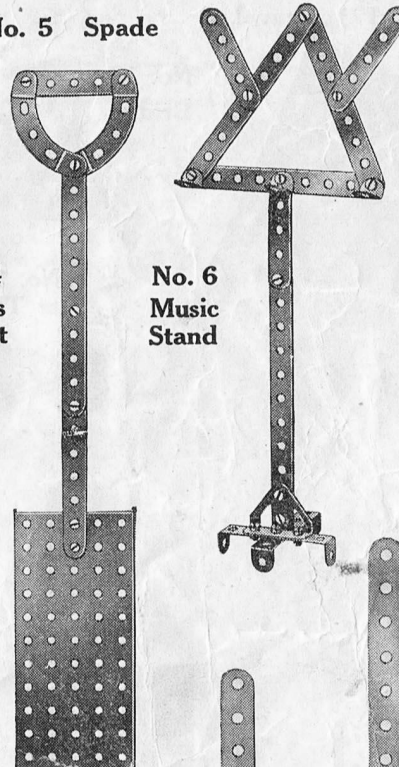
3

No. 1
Meat Saw

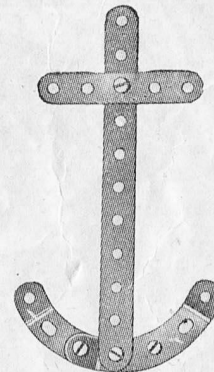
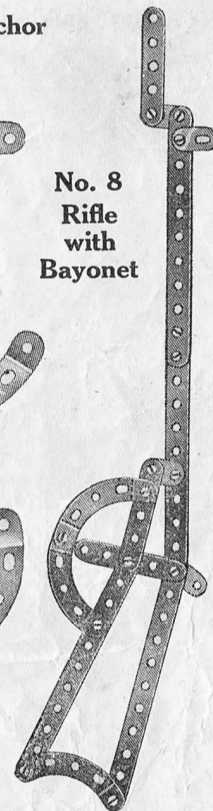
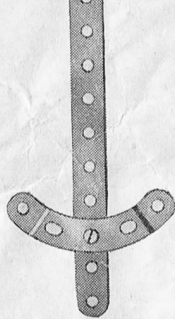
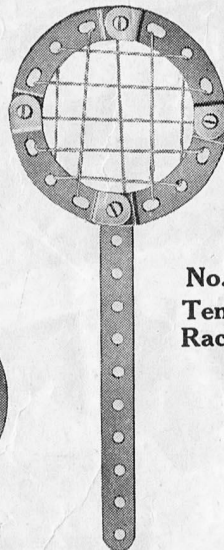
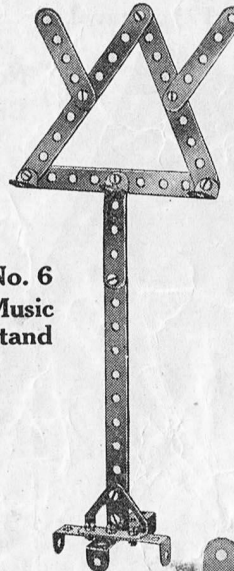
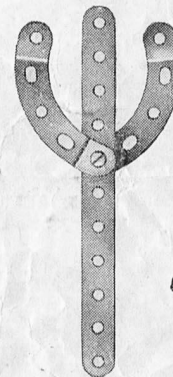
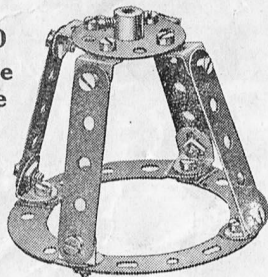
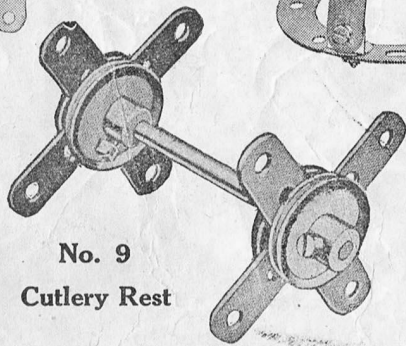
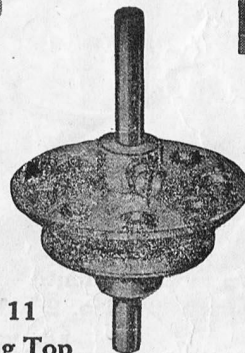
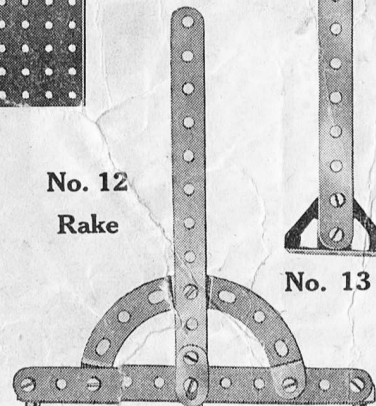
No. 3 Axe



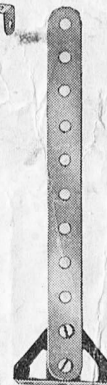
No. 5 Spade



No. 7 Anchor

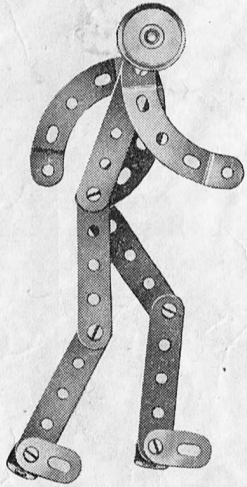
No. 8
Rifle
with
BayonetNo. 2
SwordNo. 4
Tennis
RacketNo. 6
Music
StandNo. 14
ForkNo. 10
Candle
ShadeNo. 15 Coat
HangerNo. 9
Cutlery RestNo. 11
Spinning TopNo. 12
Rake

No. 13 Hoe

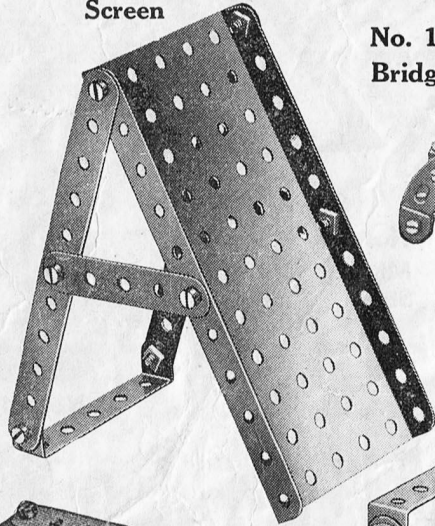


These Models May Be Built with Meccano Outfit No. 00

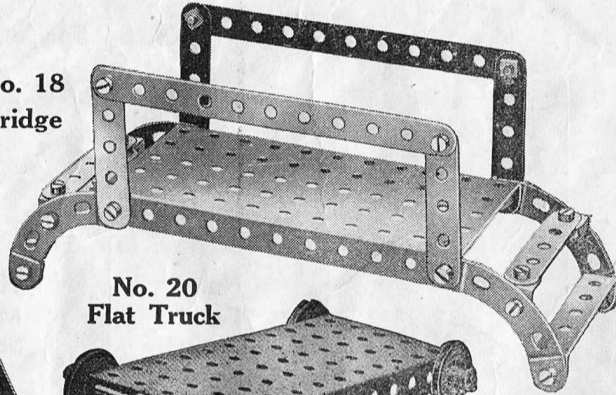
No. 16 Walking Man



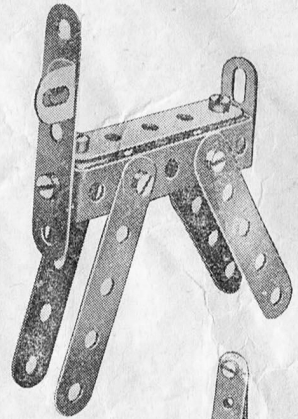
No. 17 Gravel Screen



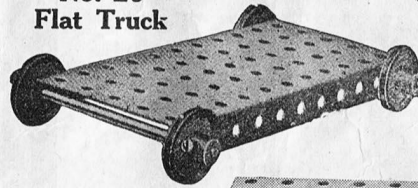
No. 18 Bridge



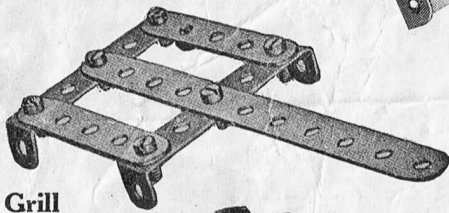
No. 19 Horse



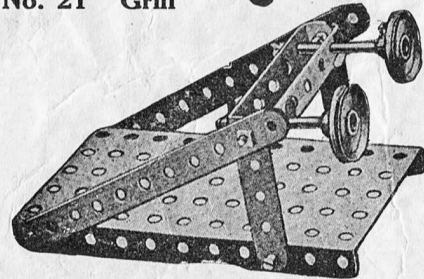
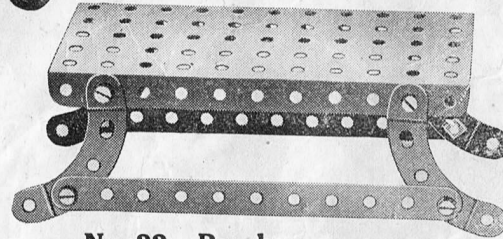
No. 20 Flat Truck



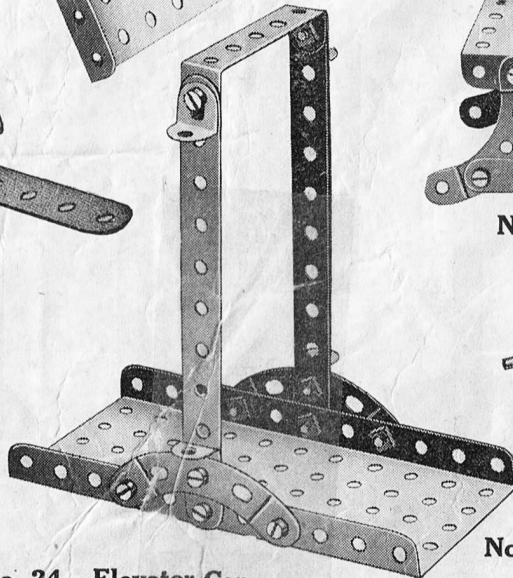
No. 21 Grill



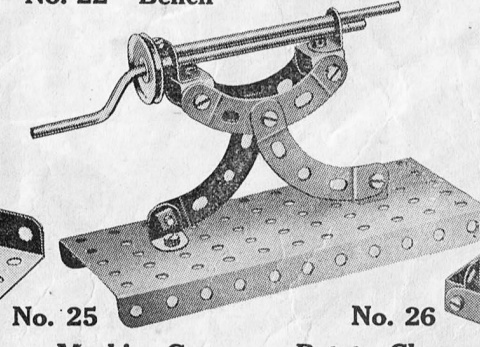
No. 22 Bench



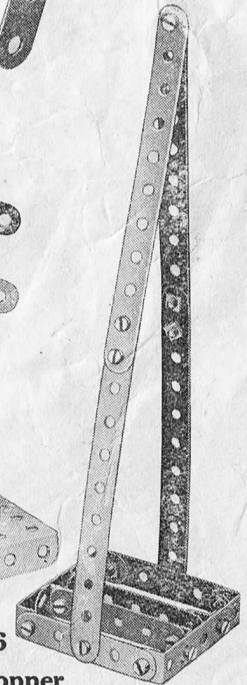
No. 23 Buffers



No. 24 Elevator Car



No. 25 Machine Gun

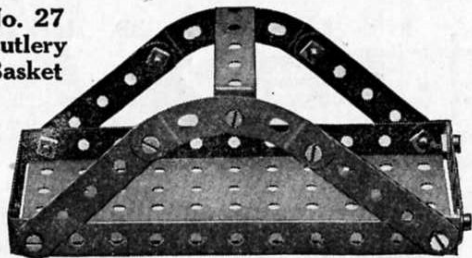


No. 26 Potato Chopper

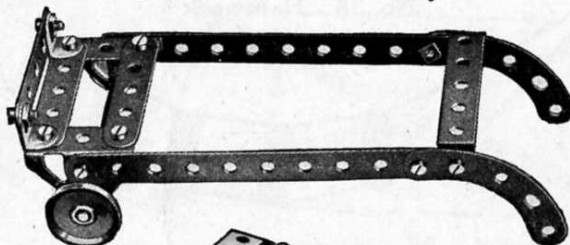
These Models May Be Built with Meccano Outfit No. 00

5

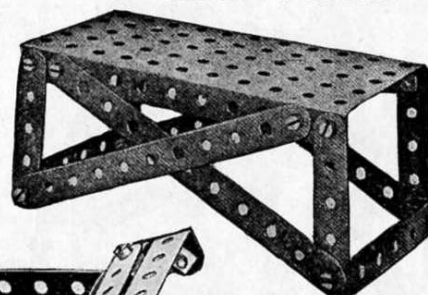
No. 27
Cutlery
Basket



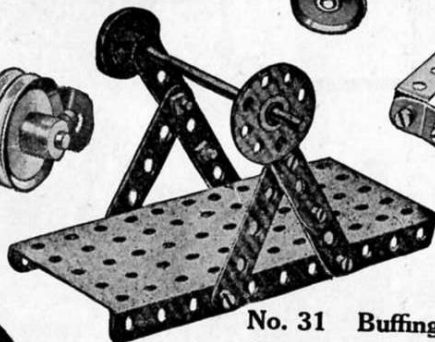
No. 28 Porter's Trolley



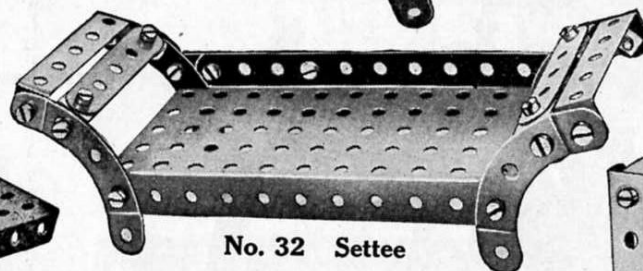
No. 29 Fire Stand



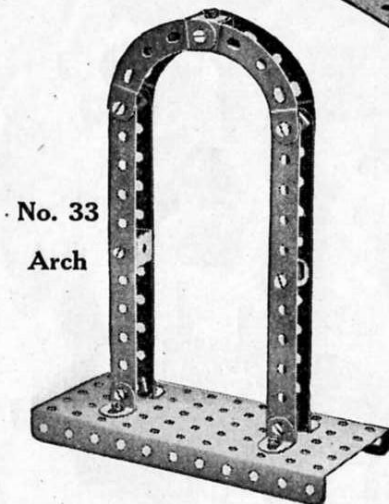
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Knife Rest



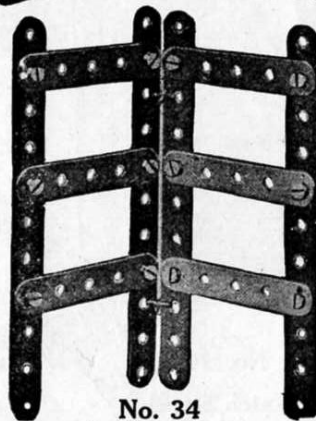
No. 31 Buffing Spindle



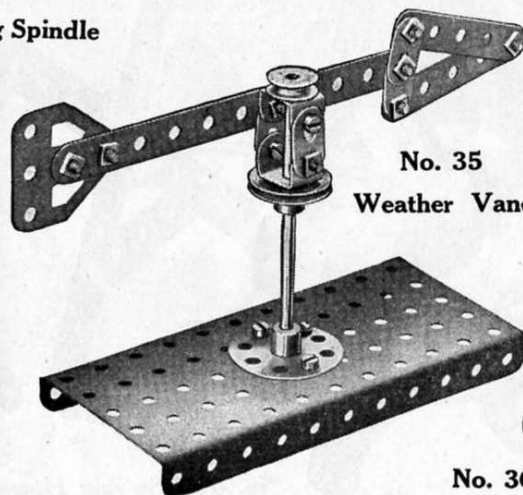
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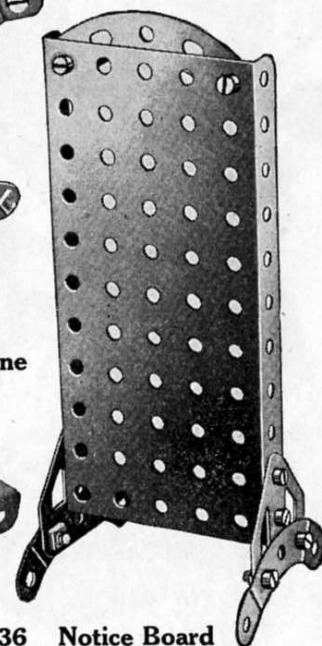
No. 33
Arch



No. 34
Clothes Horse



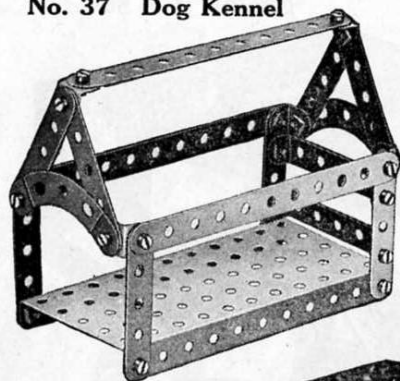
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Weather Vane



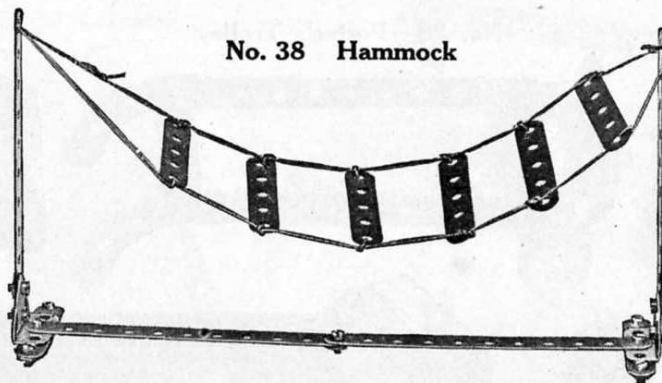
No. 36 Notice Board

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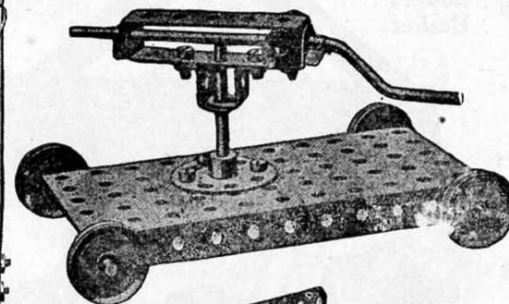
No. 37 Dog Kennel



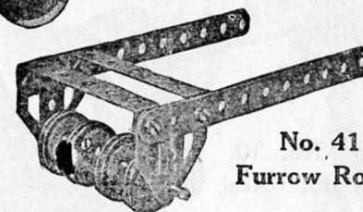
No. 38 Hammock



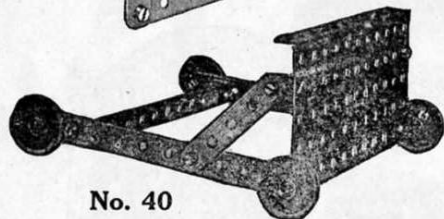
No. 39 Rock Drill



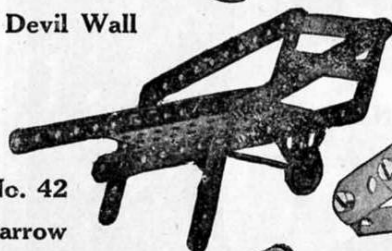
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Furrow Roller



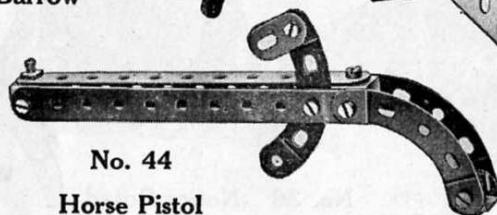
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Devil Wall



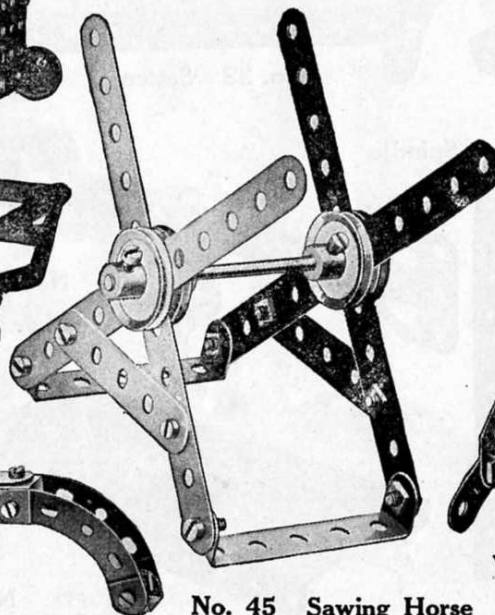
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Barrow



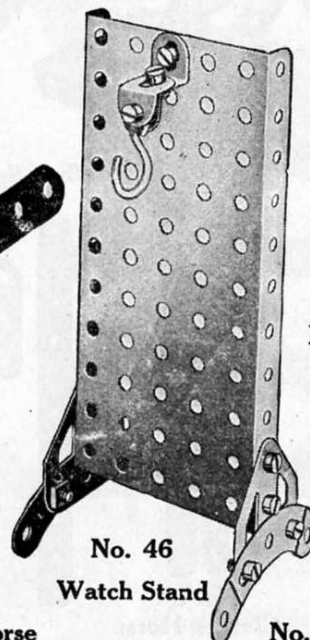
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Horse Pistol



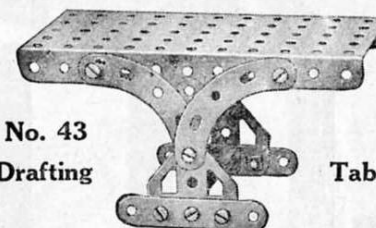
No. 45 Sawing Horse



No. 46
Watch Stand

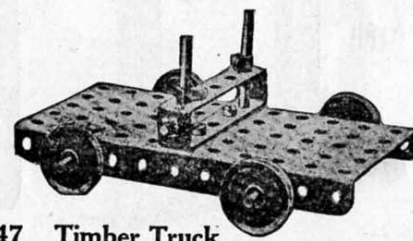


No. 43
Drafting



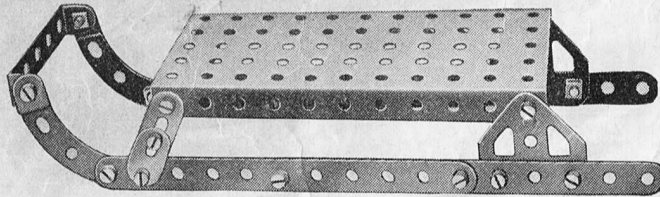
Table

No. 47 Timber Truck

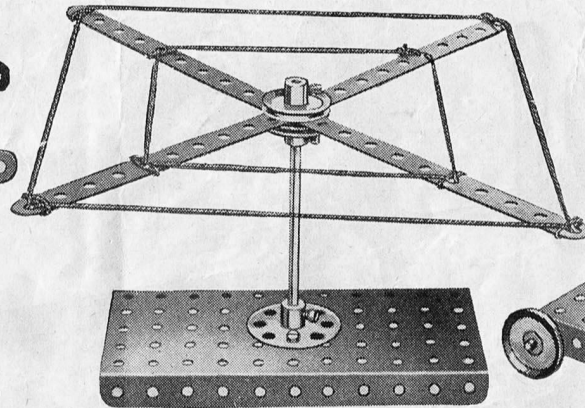


These Models May Be Built with Meccano Outfit No. 00

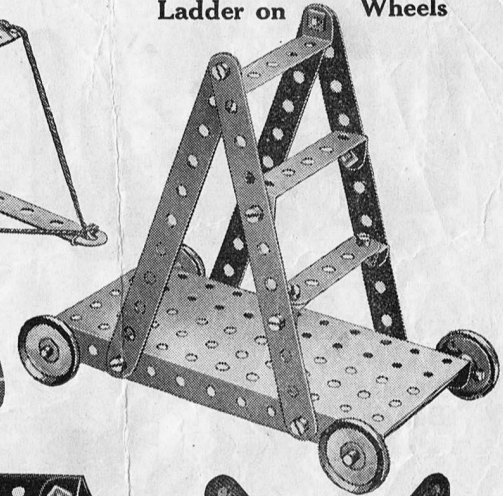
No. 48 Sled



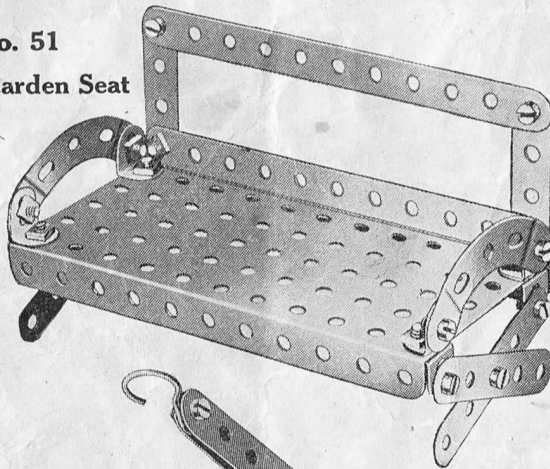
No. 49 Clothes Hanger



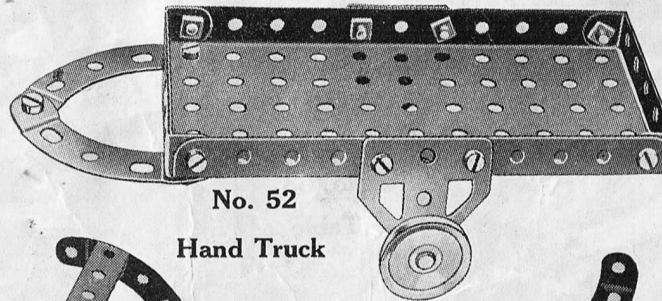
No. 50 Ladder on Wheels



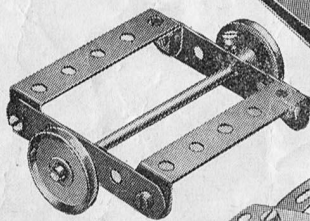
No. 51 Garden Seat



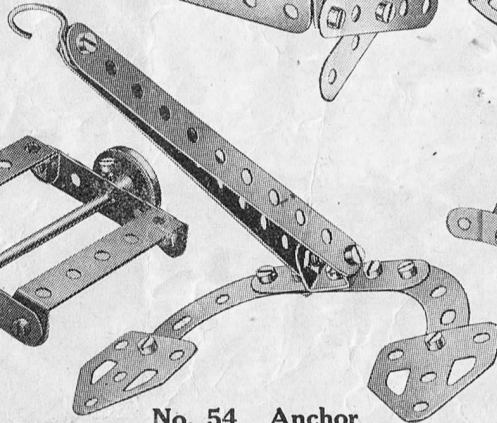
No. 52 Hand Truck



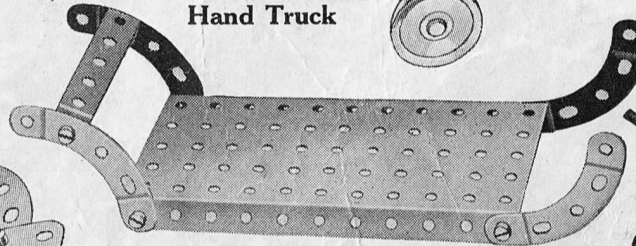
No. 53 Trolley



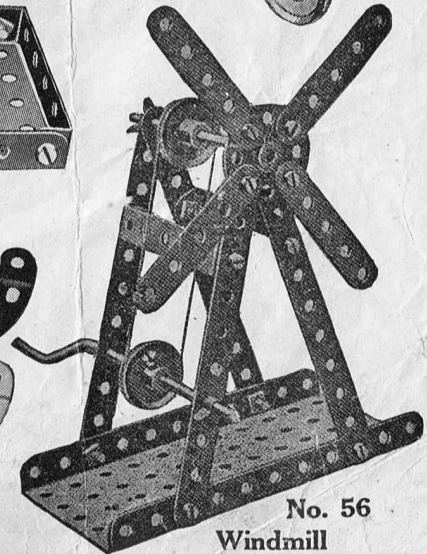
No. 54 Anchor



No. 55 Sled

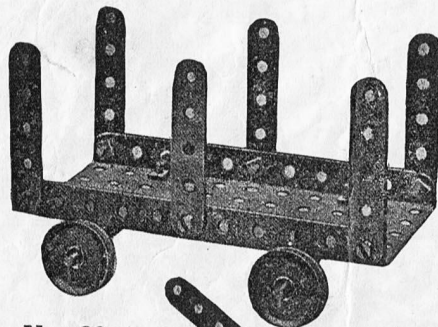


No. 56 Windmill

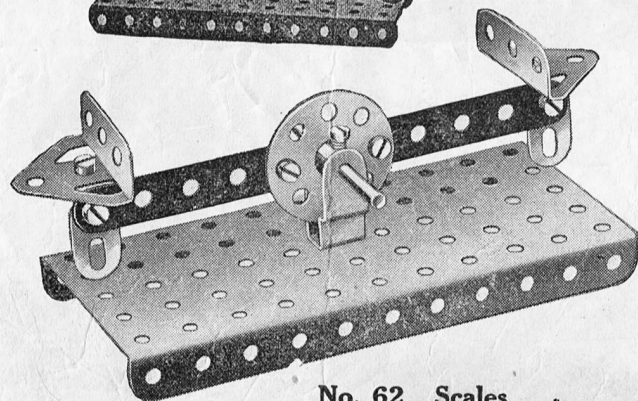
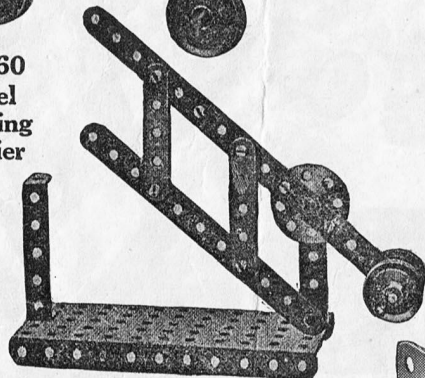


These Models May Be Built with Meccano Outfit No. 00

No. 57 Timber Truck

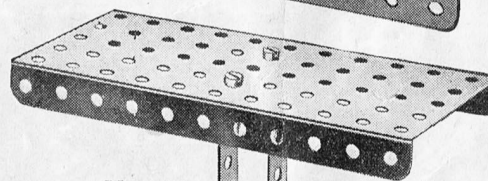
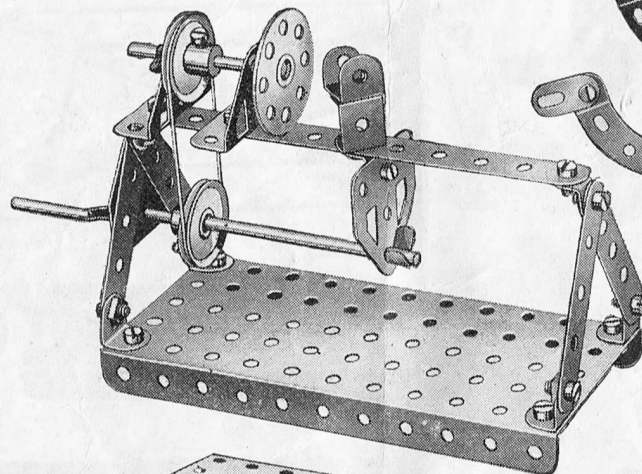


No. 60
Level
Crossing
Barrier



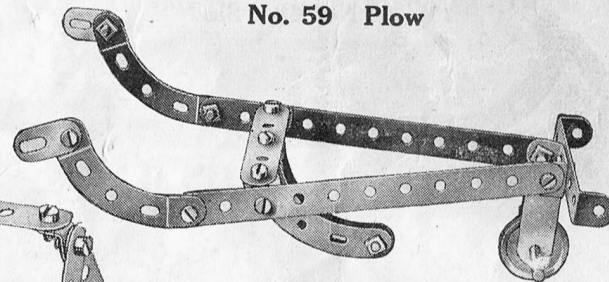
No. 62 Scales

No. 58 Lathe

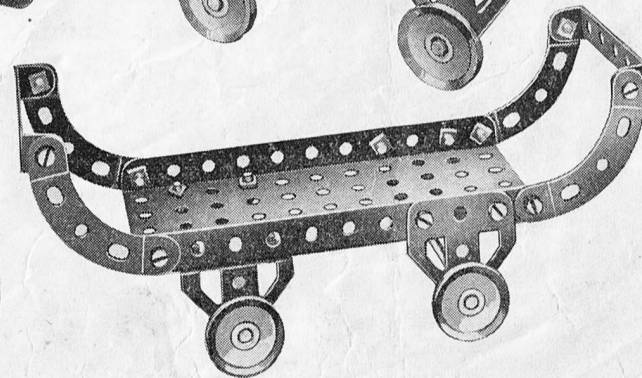
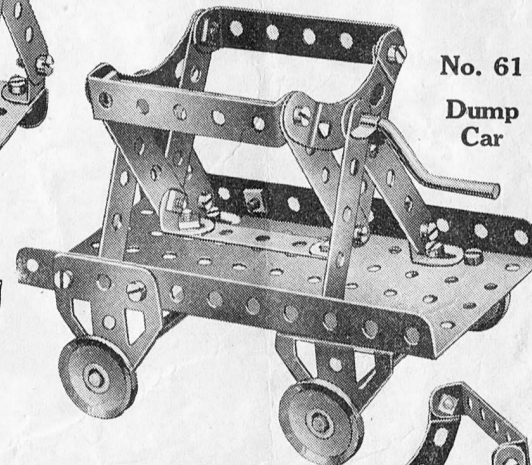


No. 63
Table

No. 59 Plow



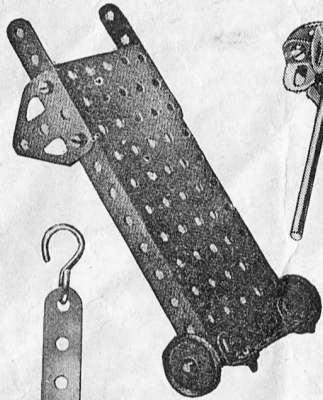
No. 61
Dump
Car



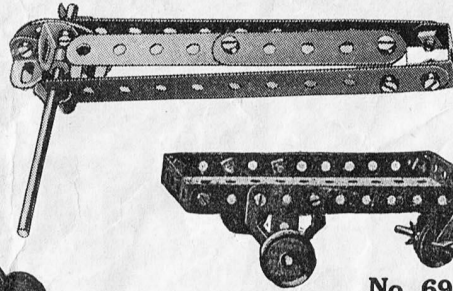
No. 64 Push Cart

These Models May Be Built with Meccano Outfit No. 00

No. 65 Flat Truck

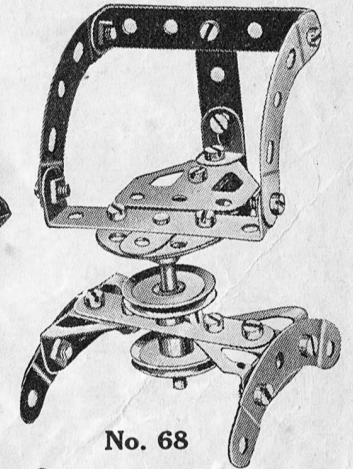
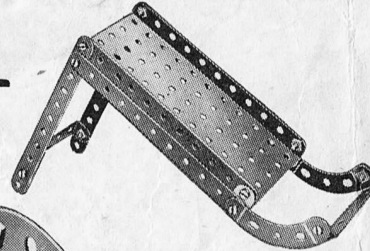


No. 66 Rattle



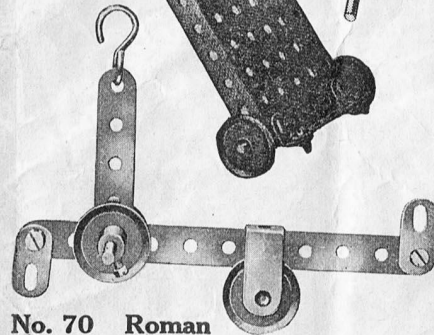
No. 67

Chute



No. 68

Revolving Office Chair



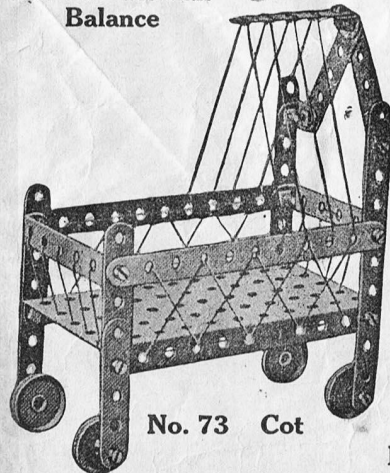
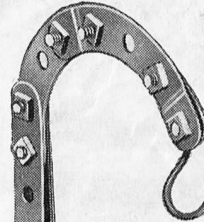
No. 70 Roman Balance

No. 69

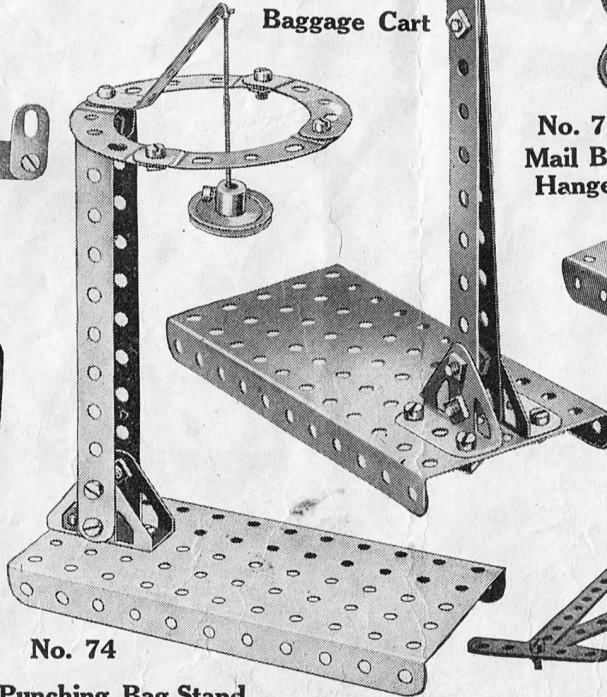
Baggage Cart



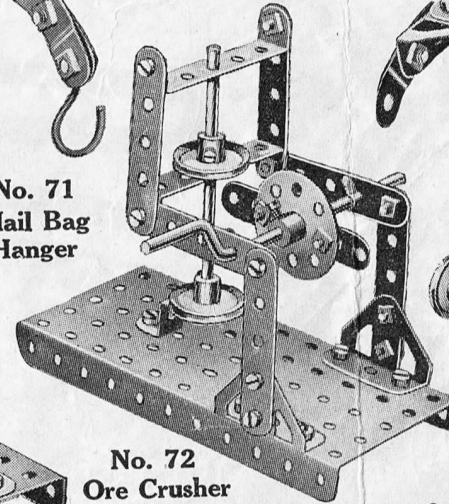
No. 71 Mail Bag Hanger



No. 73 Cot



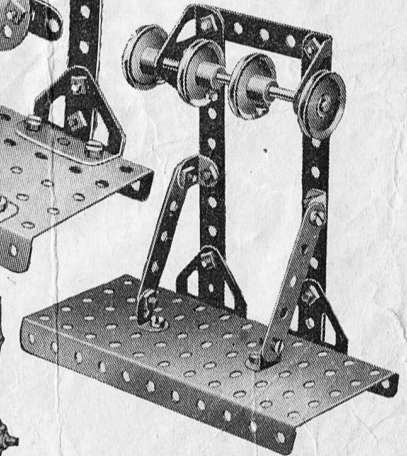
No. 74 Punching Bag Stand



No. 72 Ore Crusher



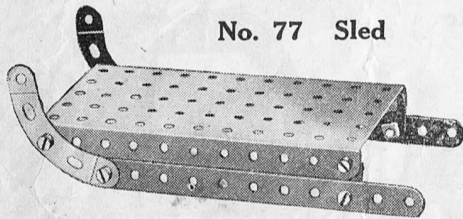
No. 75 Shipyard Bogie



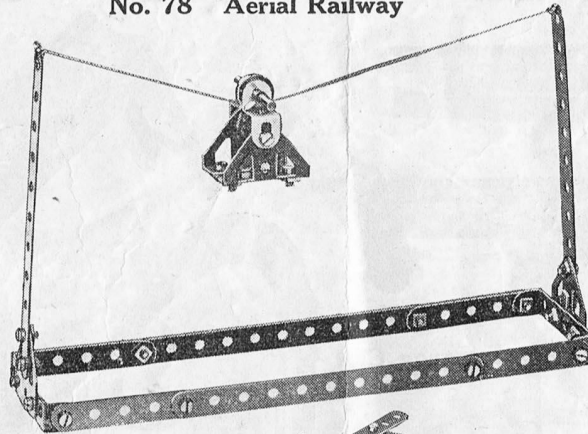
No. 76 Pulley Shafting

These Models May Be Built with Meccano Outfit No. 00

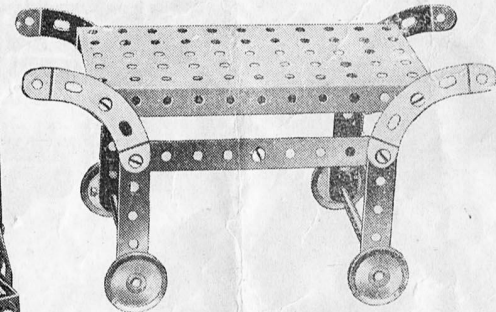
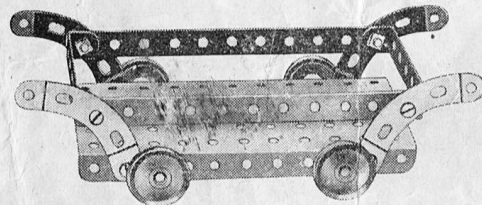
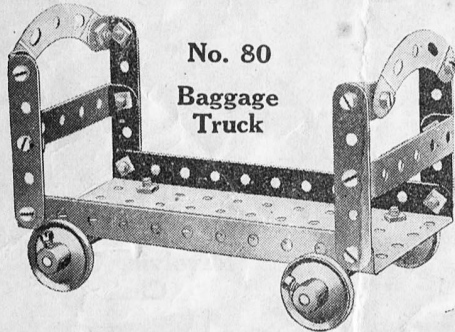
No. 77 Sled



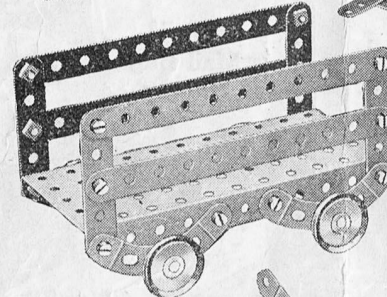
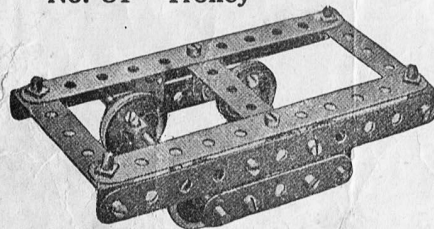
No. 78 Aerial Railway



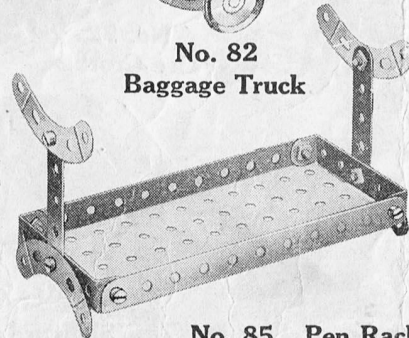
No. 79 Tea Wagon

No. 80
Baggage
Truck

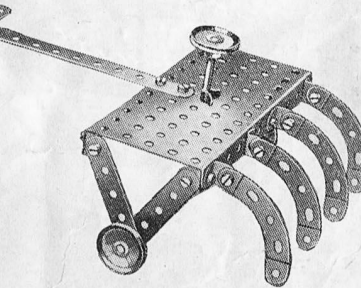
No. 81 Trolley

No. 82
Baggage Truck

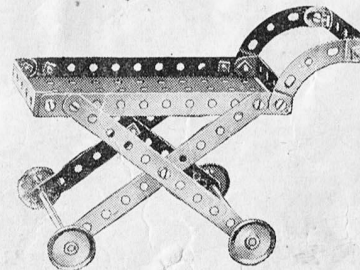
No. 84 Bogie Truck



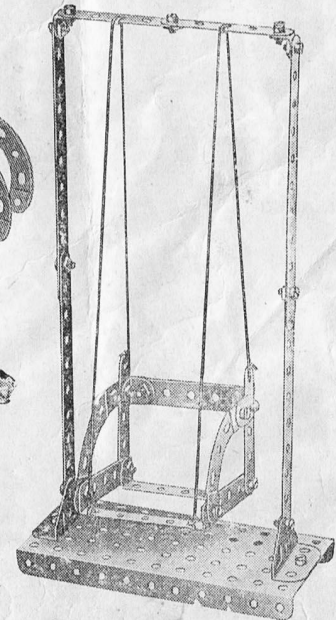
No. 85 Pen Rack



No. 83 Horse Rake



No. 86 Tea Wagon

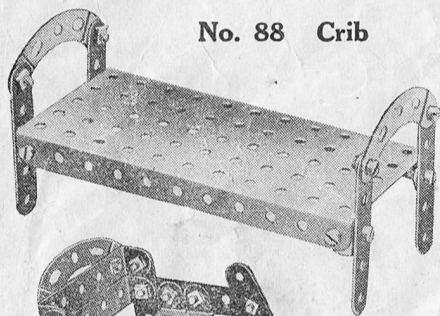


No. 87 Swing

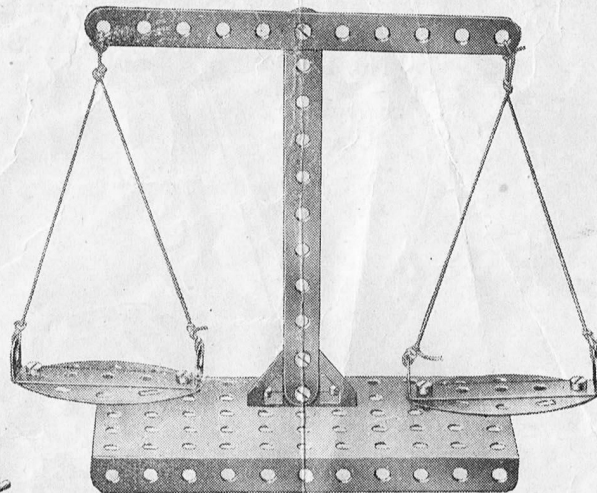
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11

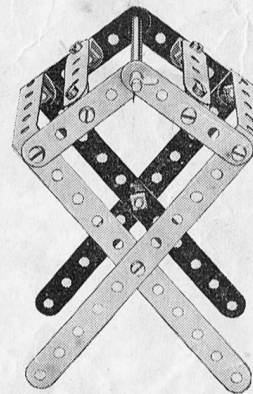
No. 88 Crib



No. 89 Scales

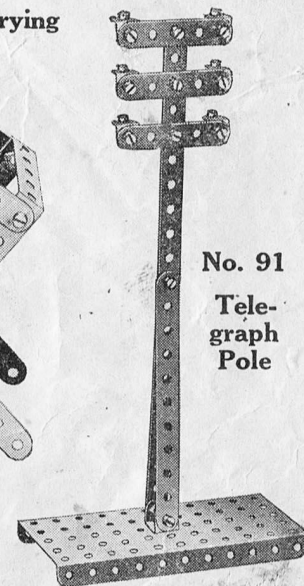


No. 90 Clothes Drying Frame

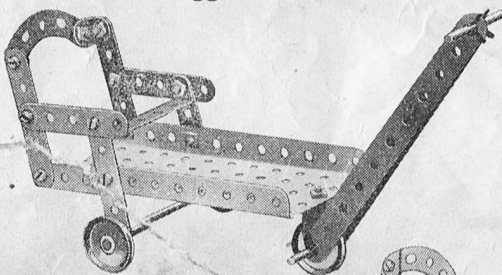


No. 91

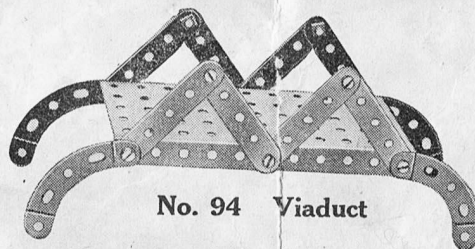
Tele-graph Pole



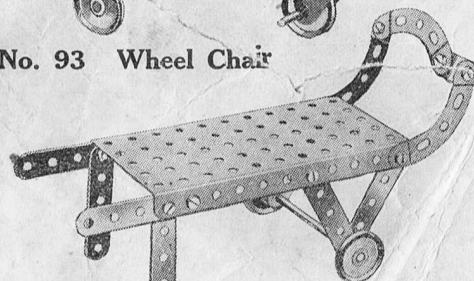
No. 92 Toboggan



No. 94 Viaduct

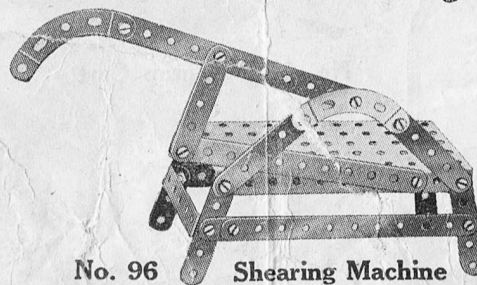


No. 93 Wheel Chair



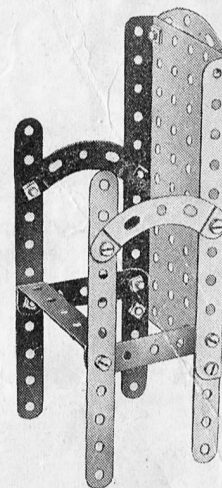
No. 95 Baggage Truck

No. 96 Shearing Machine

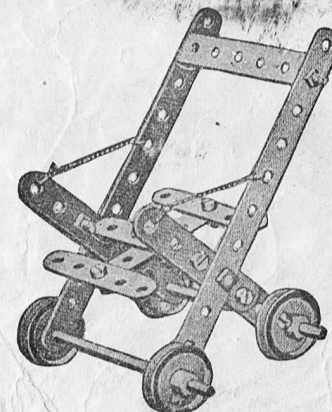


No. 97

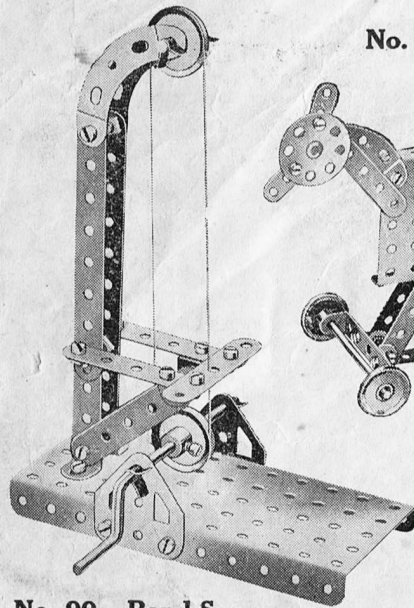
Arm Chair



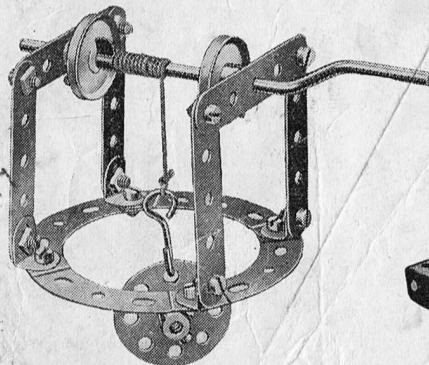
No. 98 C



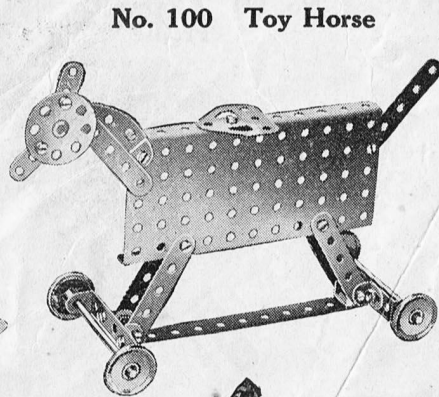
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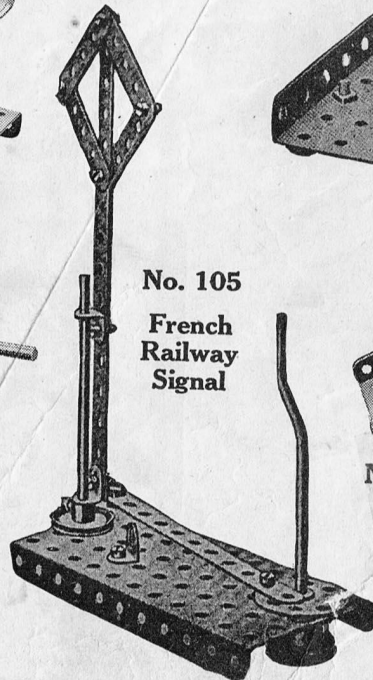
No. 99 Band Saw



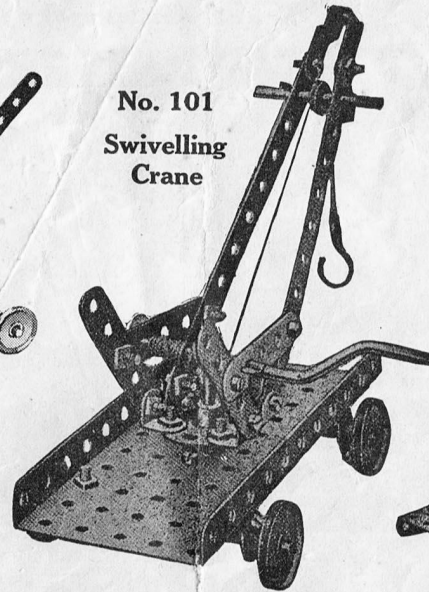
No. 84 Well Windlass



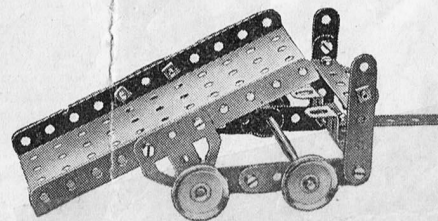
No. 100 Toy Horse



No. 105
French
Railway
Signal

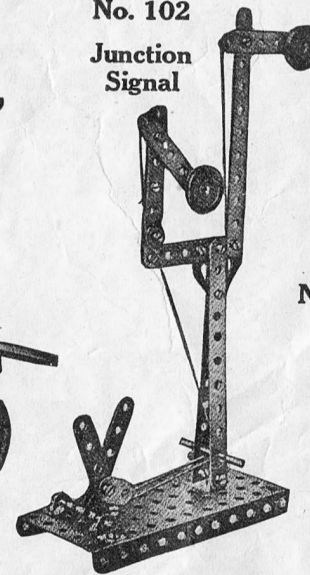


No. 101
Swivelling
Crane



No. 106 Dump Cart

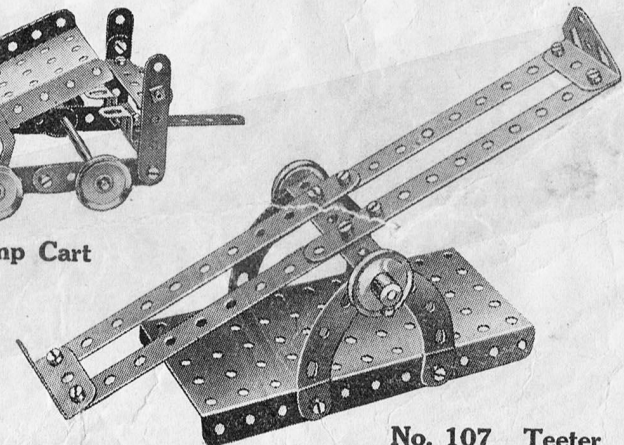
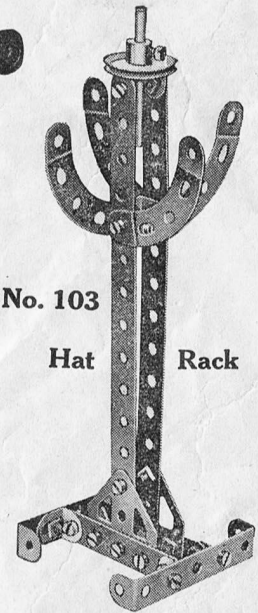
No. 102
Junction
Signal



No. 103

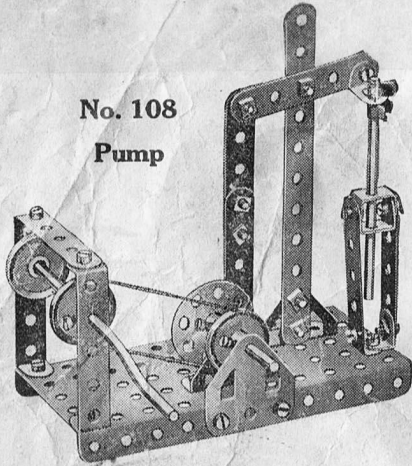
Hat

Rack



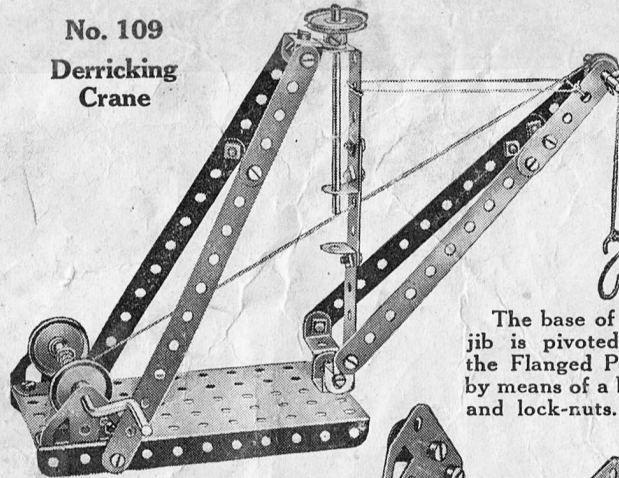
No. 107 Teeter

No. 108
Pump



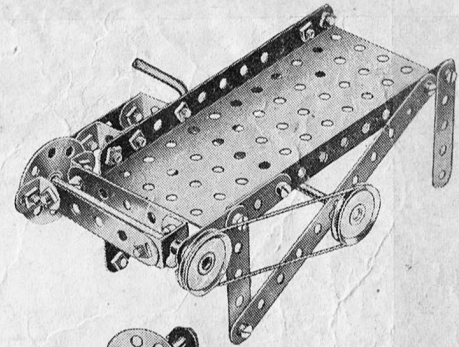
The connecting Strip is pivoted by bolts and nuts (see page 2) at one end to the Bush Wheel and at the other end to the cross beam. The latter is pivoted by the same means to the upright.

No. 109
Derricking
Crane



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

No. 110 Chaff Cutter



No. 111
Trip Hammer

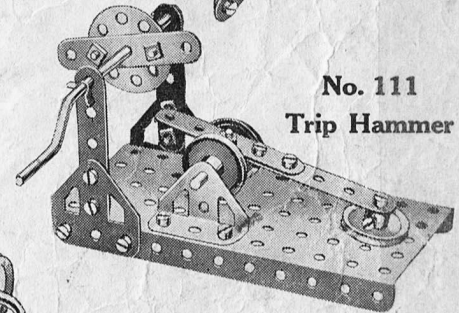
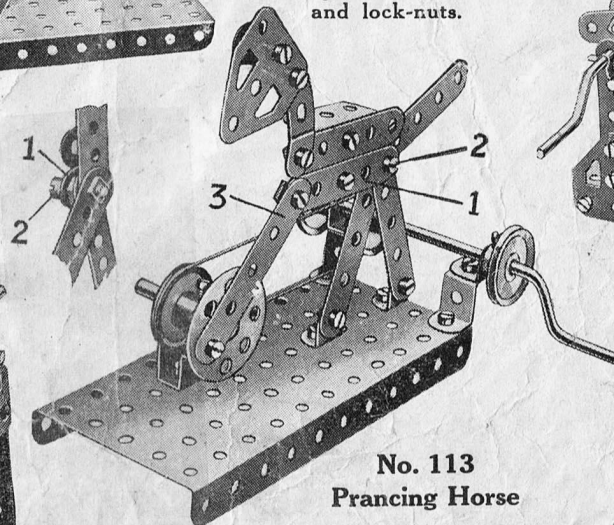


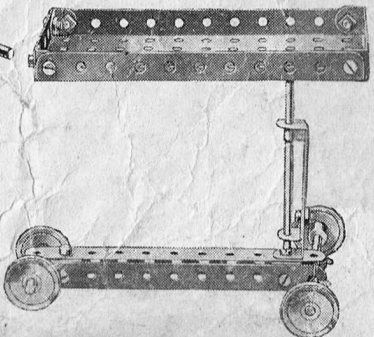
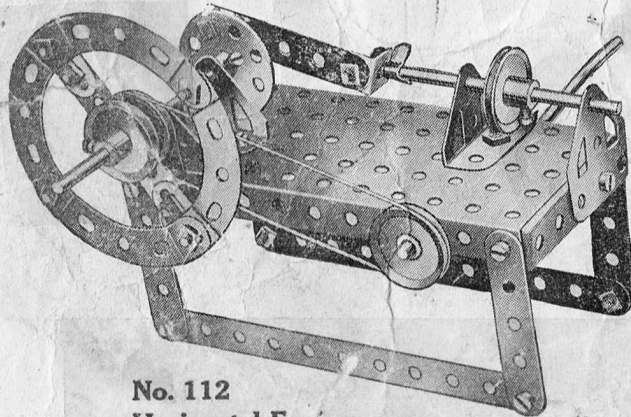
Fig. A



No. 113
Prancing Horse

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

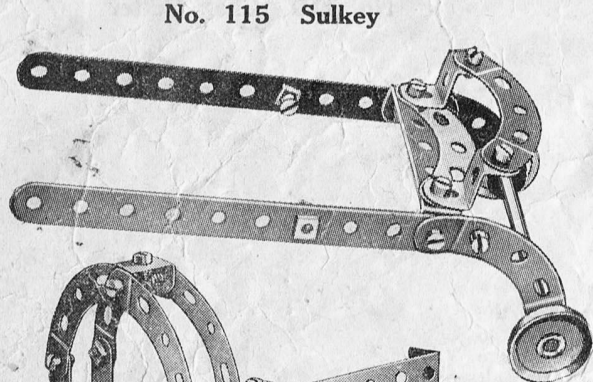
No. 112
Horizontal Engine



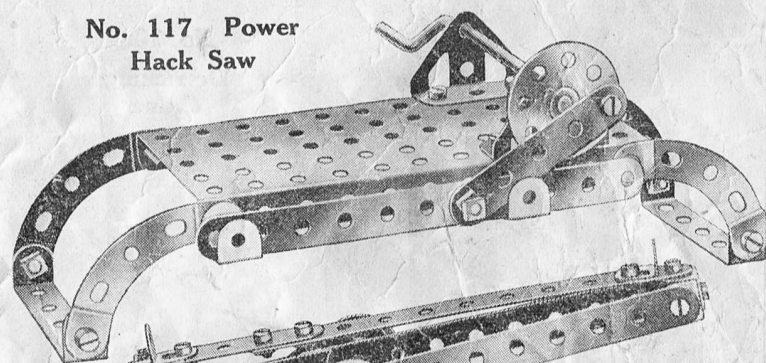
No. 114 Bed Table

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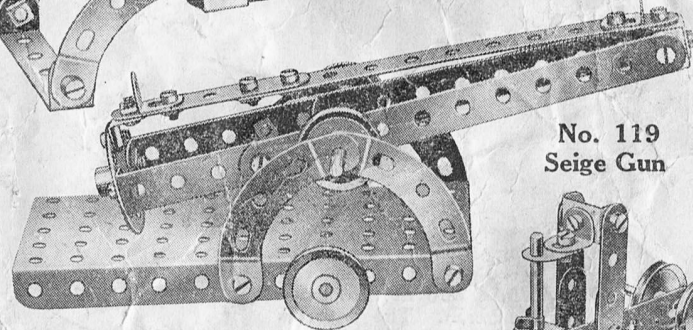
No. 115 Sulkey



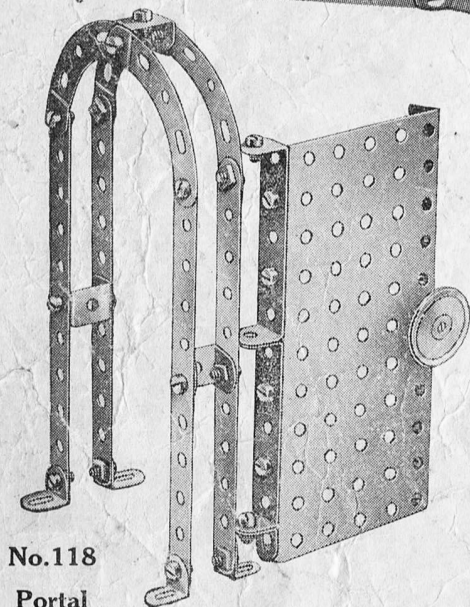
No. 117 Power
Hack Saw



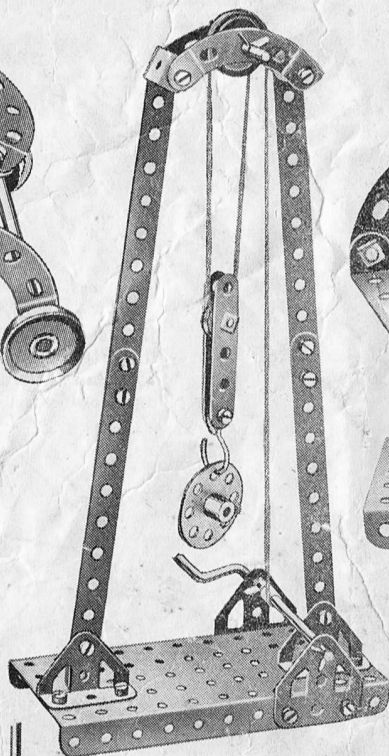
No. 119
Seige Gun



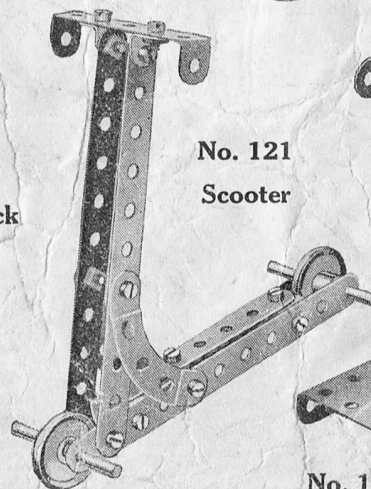
No. 118
Portal



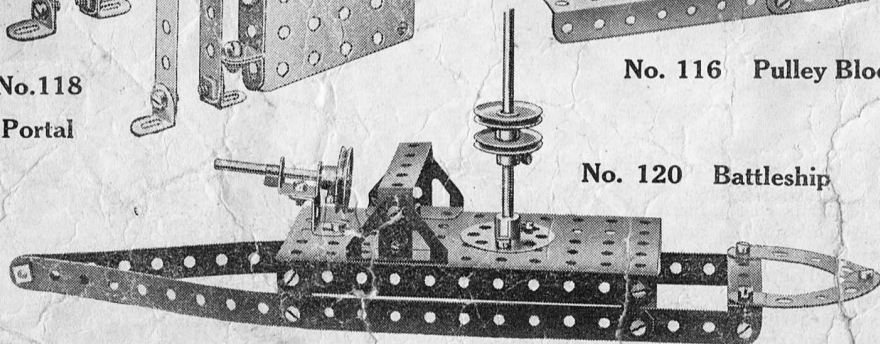
No. 116 Pulley Block



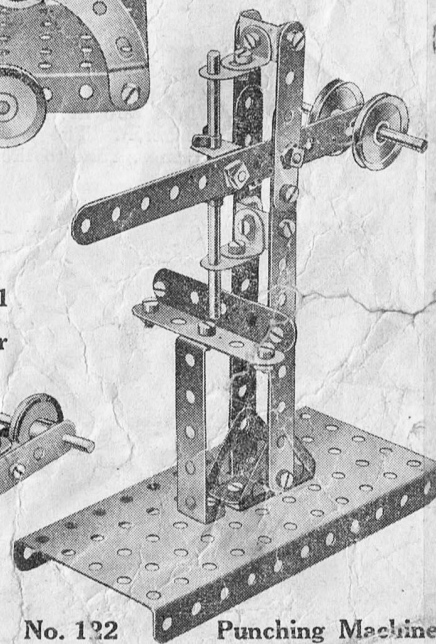
No. 121
Scooter



No. 120 Battleship

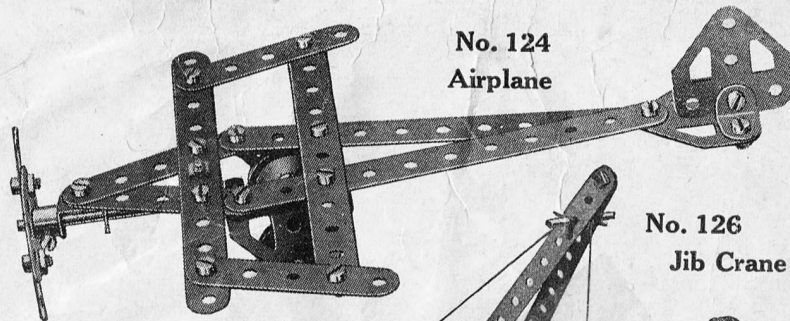


No. 122
Punching Machine

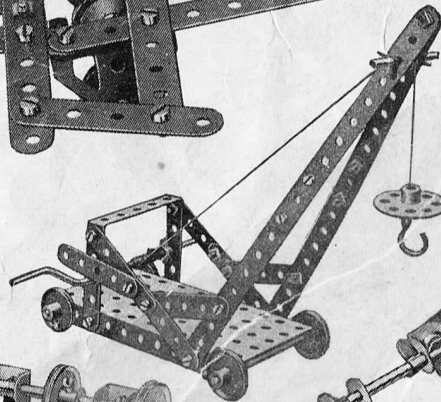


These Models May Be Built with Meccano Outfit No. 00

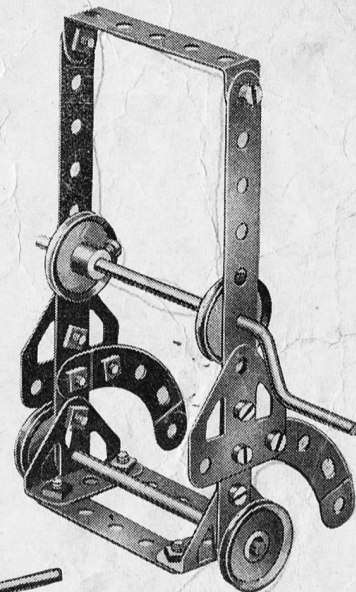
No. 124
Airplane



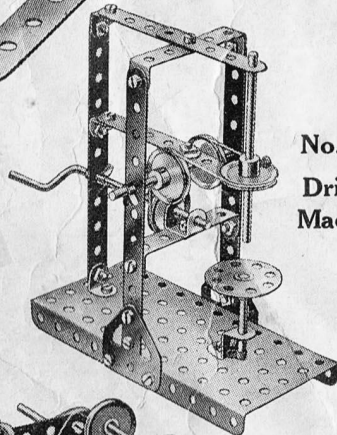
No. 126
Jib Crane



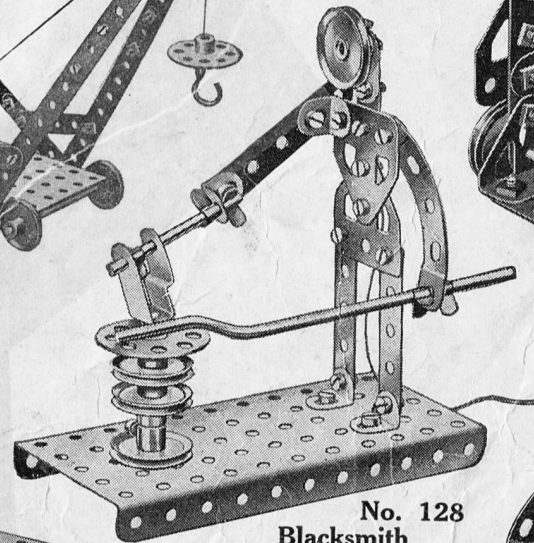
No. 125 Garden
Hose Reel



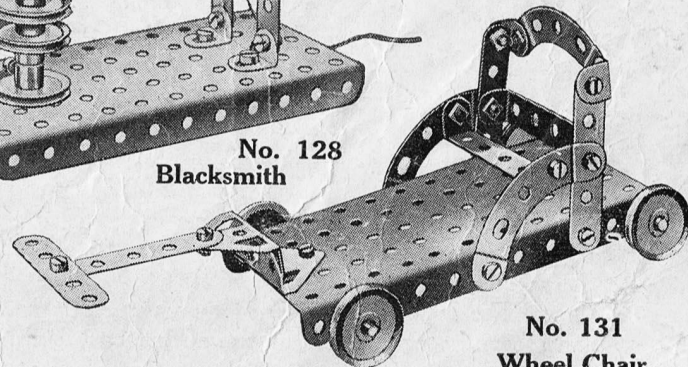
No. 127
Drilling
Machine



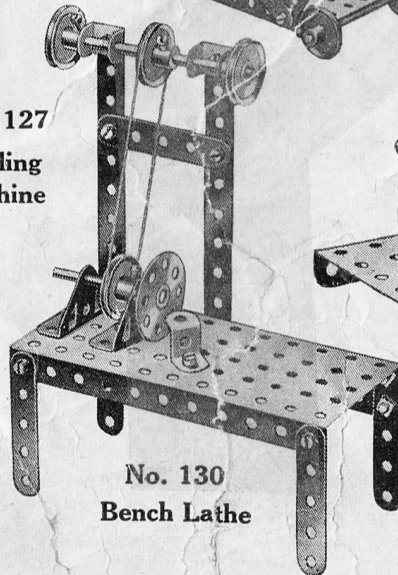
No. 128
Blacksmith



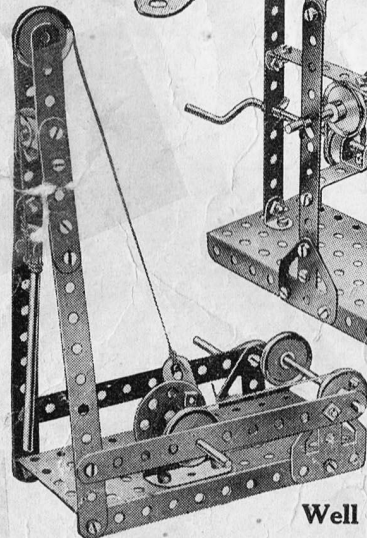
No. 131
Wheel Chair



No. 130
Bench Lathe



No. 129
Well Driller



Glorious Fun Without End

YOU will have many, many hours of pleasure with this fine, model-building Outfit you now own. Yet, you have only begun to enjoy Meccano!

The models, shown in the previous pages of this book, are especially designed for the Meccano beginner. When you have mastered them, you will naturally be looking forward toward "greater fields to conquer"—the wonderfully interesting and splendid

variety of models built with the larger Meccano fits! And, that is where, with Meccano alone, it has been made easy for you to increase your model-building equipment, at the least expense.

Meccano Outfits are made in a progressive series. Each Outfit may be converted to the one of next larger size through the addition of a corresponding "Accessory Outfit" as follows:

No. 0a.	Access. Outfit (price \$ 2.00)	converts a No. 0 into a No. 10.	(729 models)
No. 20a.	Access. Outfit (price \$ 2.50)	converts a No. 10 into a No. 30.	(790 models)
(Less motor and rubber tires.)			
No. 20a.	Access. Outfit (price \$ 2.50)	converts a No. 20 into a No. 30.	(800 models).
No. 30a.	Access. Outfit (price \$ 5.00)	converts a No. 30 into a No. 40.	(852 models).
No. 40a.	Access. Outfit (price \$10.00)	converts a No. 40 into a No. 50.	(910 models).
No. 50a.	Access. Outfit (price \$10.00)	converts a No. 50 into a No. 60.	(953 models).
No. 60a.	Access. Outfit (price \$20.00)	converts a No. 60 into a No. 70.	(1000 models).

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