

# MECCANO



(TRADE MARKS: 296321, 12633, 10274, 55/13476, 569/13, 884/25, 2913)

## INSTRUCTIONS

FOR No. 00 OUTFIT

Price 3d.

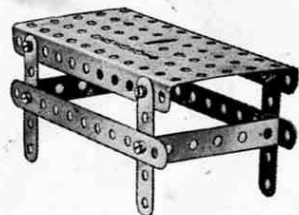
Copyright by MECCANO LIMITED, LIVERPOOL, throughout the world

No. 28.00

ENGLISH EDITION

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

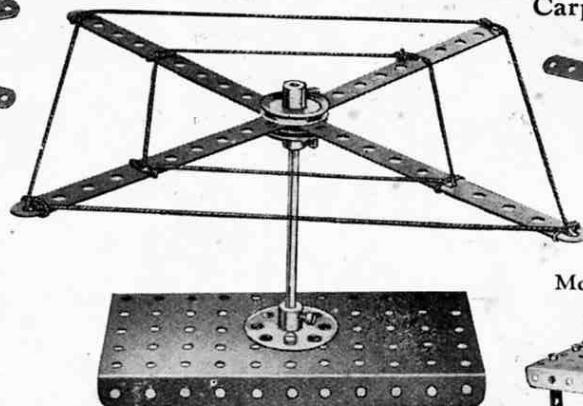
Model No. 00.1 Table



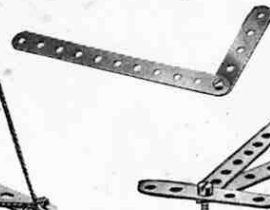
Model No. 00.2 Dividers



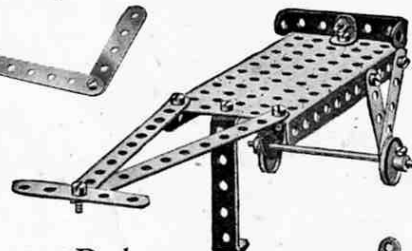
Model No. 00.4 Clothes Hanger



Model No. 00.5  
Carpenter's Square



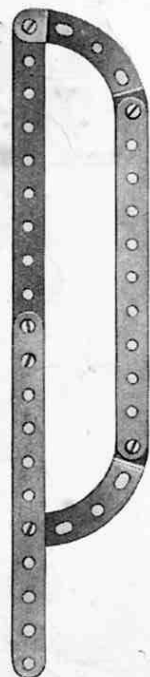
Model No. 00.7  
Shipyard Bogie



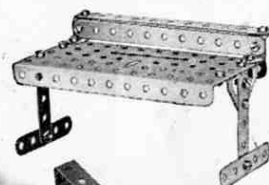
Model No. 00.3  
Bench



Model No. 00.8  
Meat Saw



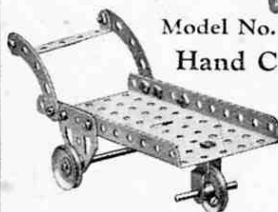
Model No. 00.6 Desk



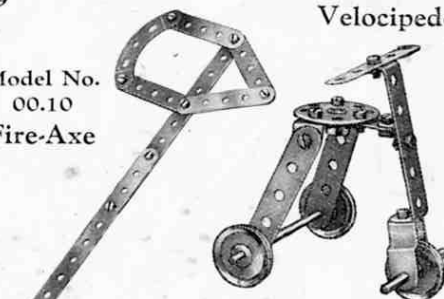
Model No.  
00.15  
Rifle with  
Bayonet



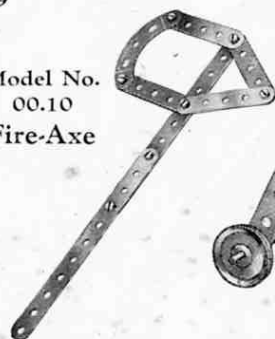
Model No. 00.9  
Hand Cart



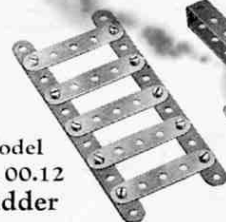
Model No. 00.11  
Velocipede



Model No.  
00.10  
Fire-Axe



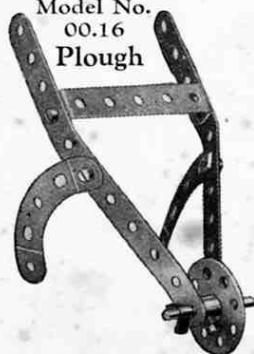
Model  
No. 00.12  
Ladder



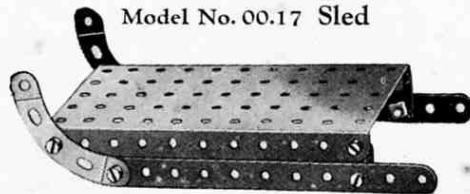
Model No.  
00.13  
Trowel



Model No.  
00.16  
Plough



Model No. 00.17 Sled

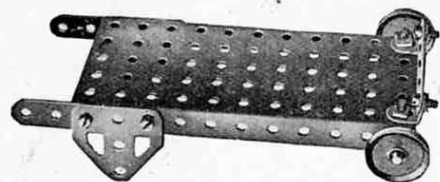


Model No. 00.18  
Barrow

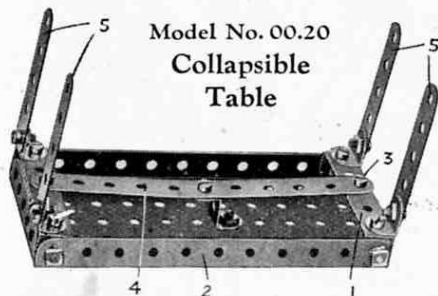


All these Models can be built with MECCANO Outfit No. 00

Model No. 00.19 Flat Truck



Model No. 00.20  
Collapsible  
Table



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. 00.20A.

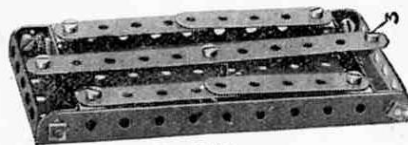
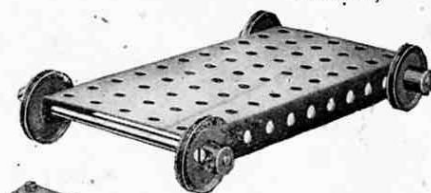


FIG. 00.20A

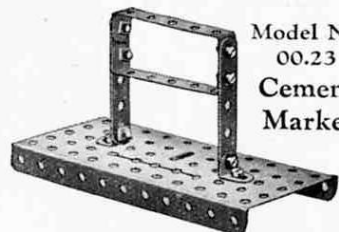
Model No. 00.21 Trolley



Model No.  
00.22  
Spade



Model No.  
00.23  
Cement  
Marker



Model No. 00.26 Motor Boat



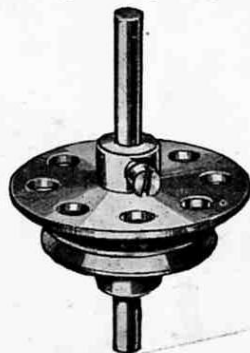
Model No.  
00.27  
Plasterer's  
Hawk



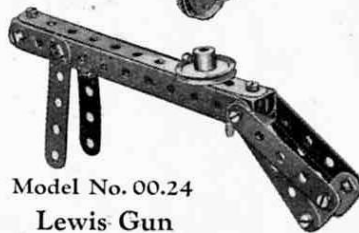
Model No. 00.28  
Chute



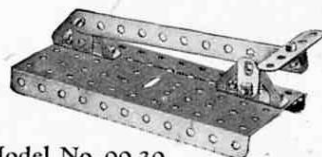
Model No. 00.29  
Spinning Top



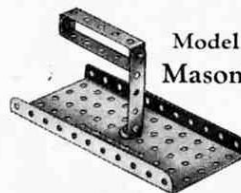
Model No. 00.24  
Lewis Gun



Model No. 00.31 Switch



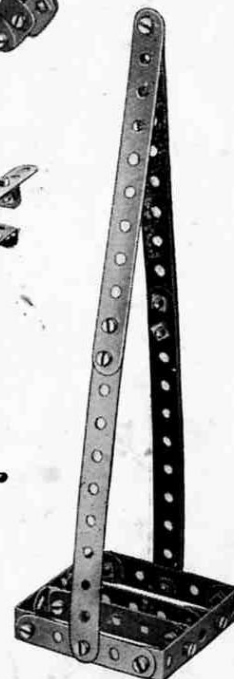
Model No. 00.30  
Mason's Trowel



Model No. 00.32  
Baggage Cart



Model No.  
00.25  
Potato  
Chopper





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

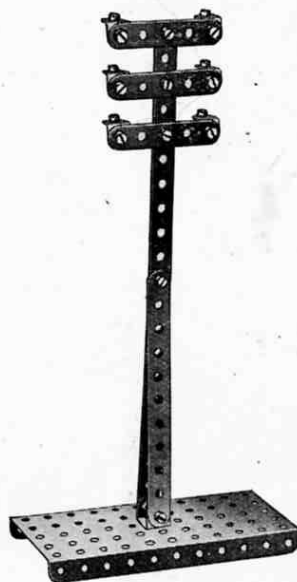
Model No. 00.33  
Friction Grip Tongs



Model No. 00.34 Tweezers



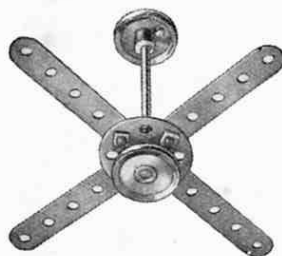
Model No. 00.36  
Telegraph Pole



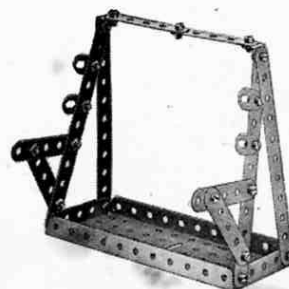
Model No. 00.37  
Tin Opener



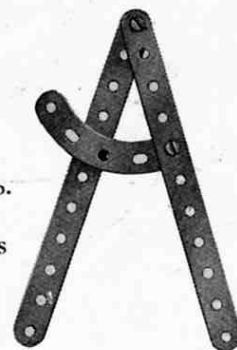
Model No. 00.35 Ceiling Fan



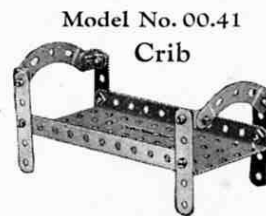
Model No. 00.38  
Pen Rack



Model No.  
00.39  
Dividers



Model No. 00.40  
Glider



Model No. 00.41  
Crib

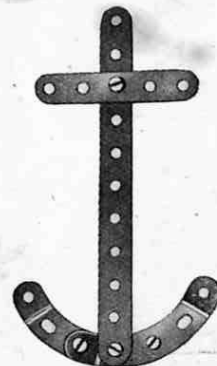
Model No. 00.43 Book End



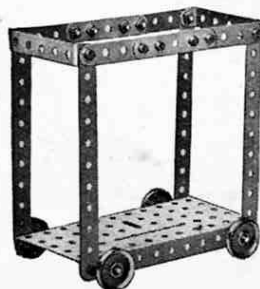
Model No. 00.42  
Telegraph Key



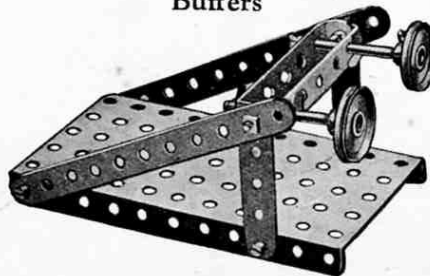
Model No. 00.48  
Anchor



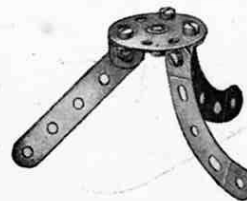
Model No. 00.45  
Refreshment Wagon



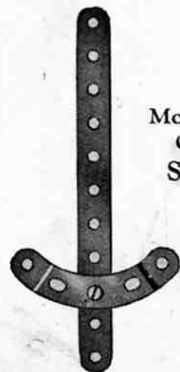
Model No. 00.46  
Buffers



Model No. 00.47  
Piano Stool

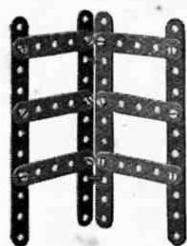


Model No.  
00.44  
Sword

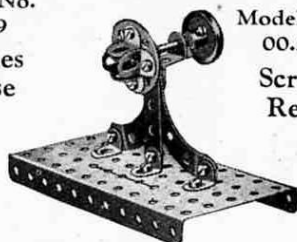


All these Models can be built with MECCANO Outfit No. 00

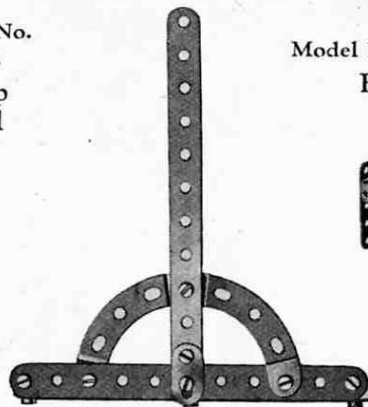
5



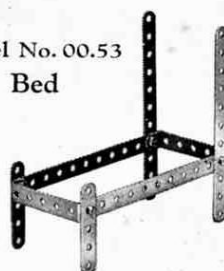
Model No.  
00.49  
Clothes  
Horse



Model No.  
00.51  
Scrap  
Reel

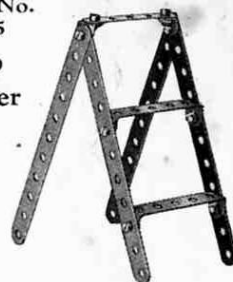


Model No. 00.52 Rake



Model No. 00.53  
Bed

Model No.  
00.55  
Step  
Ladder



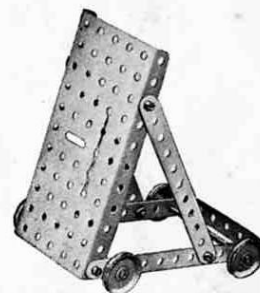
Model No. 00.50  
Rake



Model No. 00.54  
Track Gauge



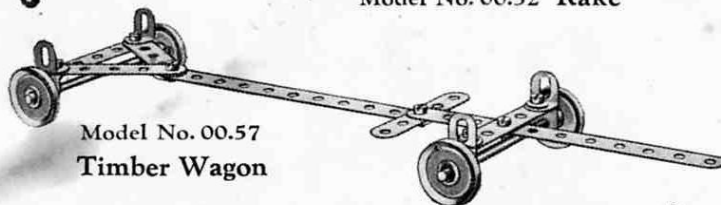
Model No. 00.59  
Gravel Sifter



Model No.  
00.56  
Mail Bag  
Hanger



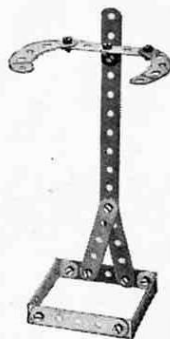
Model No. 00.57  
Timber Wagon



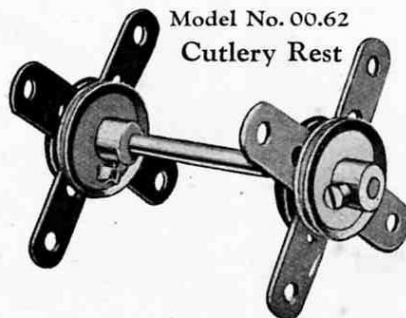
Model No. 00.58  
Cheese Cutter



Model No. 00.61  
Umbrella Stand



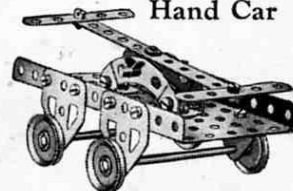
Model No. 00.62  
Cutlery Rest



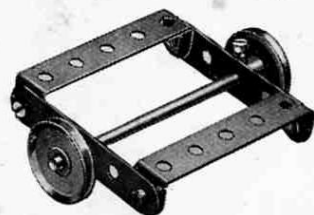
Model No.  
00.63  
Birdcage  
and  
Stand



Model No. 00.64  
Hand Car

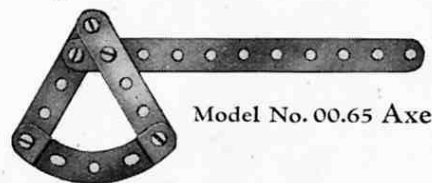


Model No. 00.60 Trolley

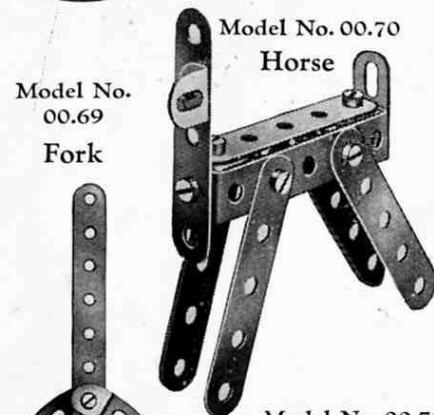
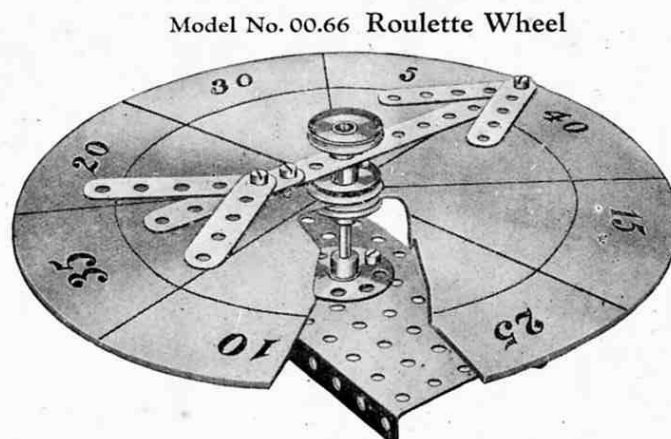
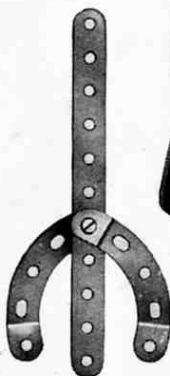


6

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



Model No. 00.65 Axe

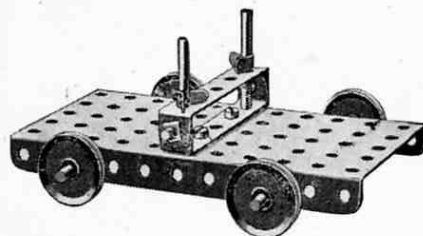
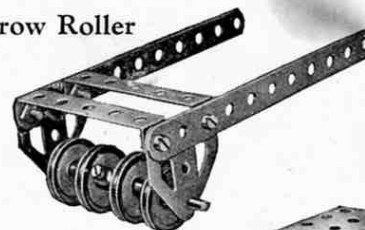
Model No. 00.70  
HorseModel No.  
00.69  
Fork

Model No. 00.66 Roulette Wheel

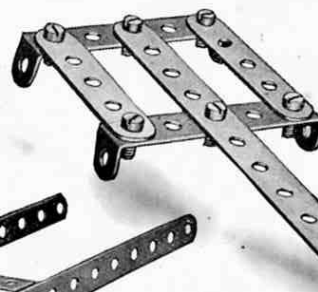
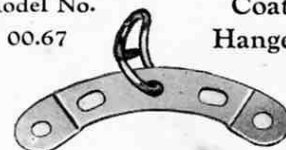
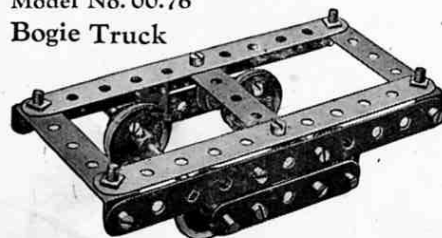
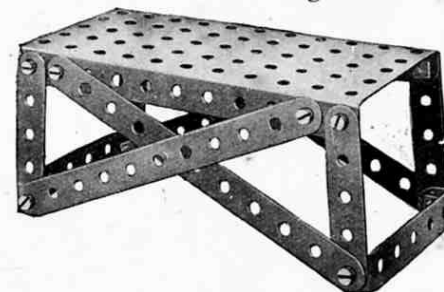
Cut out a circular piece of cardboard, and mark as shown to form scoring board. This is clamped between two 1" pulley wheels. The pointer revolves freely on the upright spindle and is held in position by another 1" pulley wheel.

Model No. 00.72 Pulley Shafting

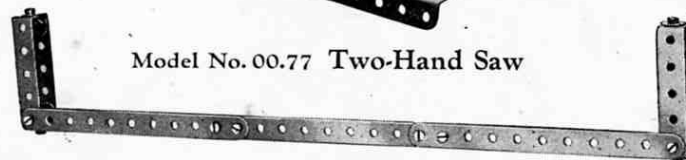
Model No. 00.71 Timber Truck

Model No. 00.73  
Furrow Roller

Model No. 00.74 Grill

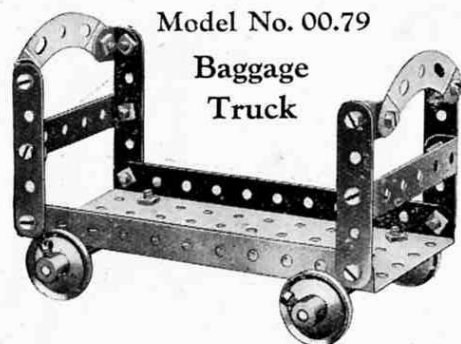
Model No.  
00.75  
HoeModel No.  
00.67  
Coat  
HangerModel No. 00.68  
Roman BalanceModel No. 00.76  
Bogie TruckModel No. 00.78  
Planing Bench

Model No. 00.77 Two-Hand Saw

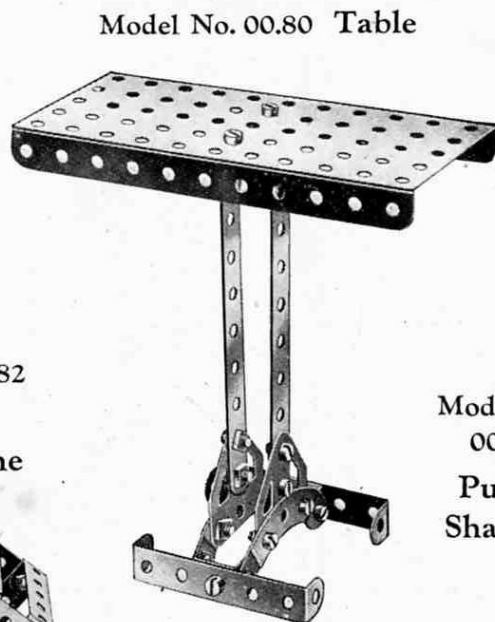


All these Models can be built with MECCANO Outfit No. 00

7

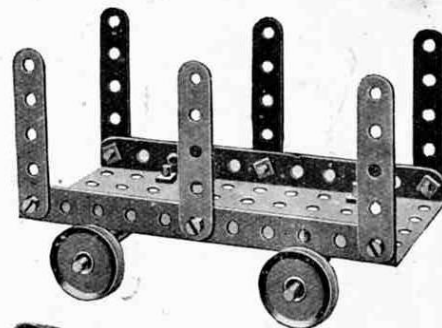


Model No. 00.79

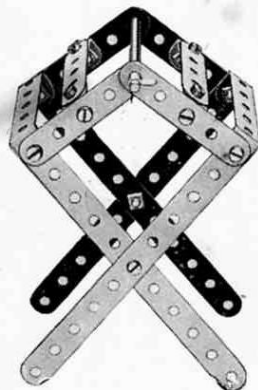
Baggage  
Truck

Model No. 00.80 Table

Model No. 00.81 Timber Truck

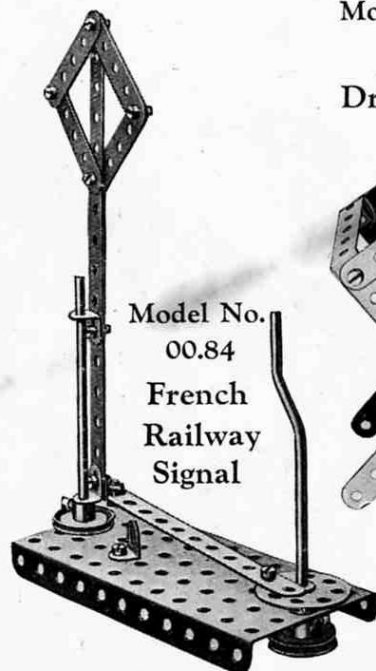
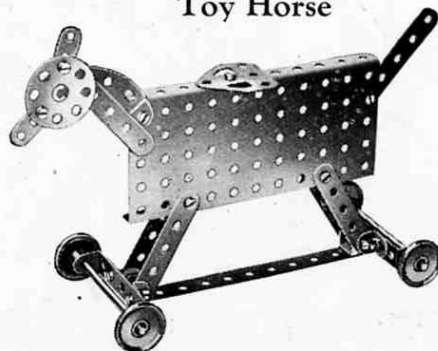


Model No. 00.82

Clothes  
Drying FrameModel No.  
00.83Pulley  
Shafting

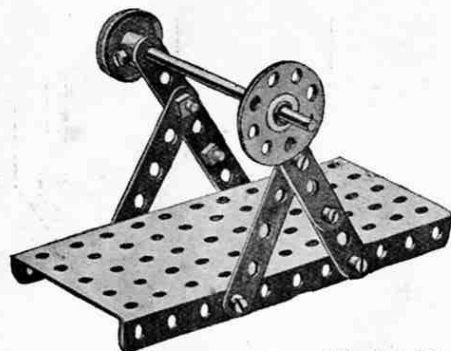
Model No. 00.85

Toy Horse

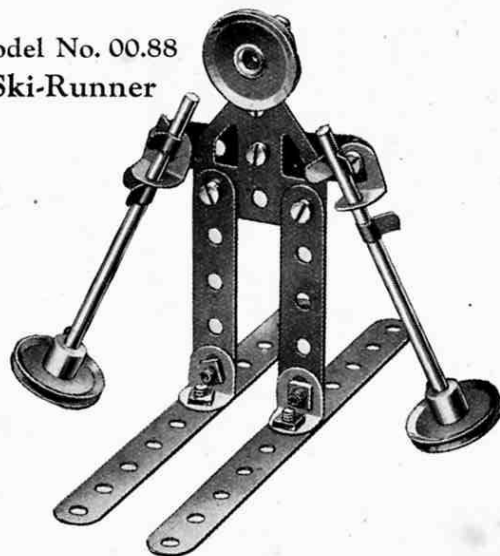
Model No.  
00.84French  
Railway  
SignalModel No.  
00.86Mail Bag  
Hanger

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

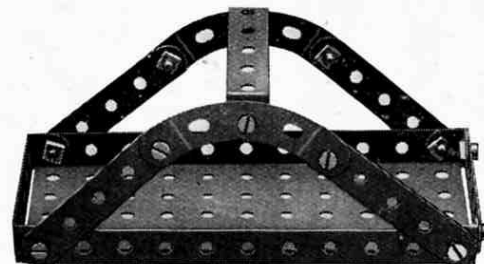
Model No. 00.87 Buffing Spindle



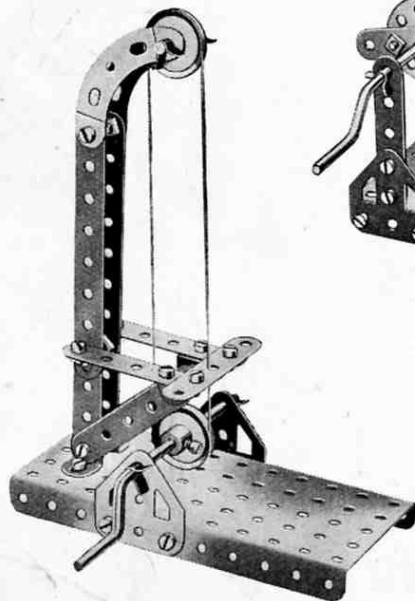
Model No. 00.88  
Ski-Runner



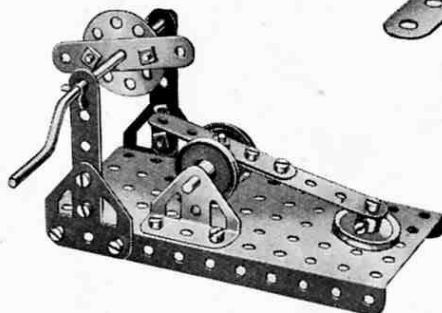
Model No. 00.89 Cutlery Basket



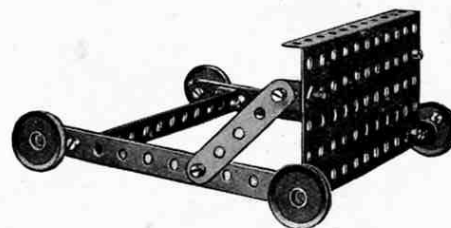
Model No. 00.92  
Band Saw



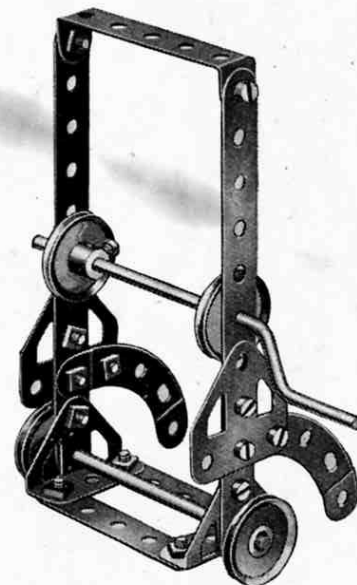
Model No. 00.90  
Trip Hammer



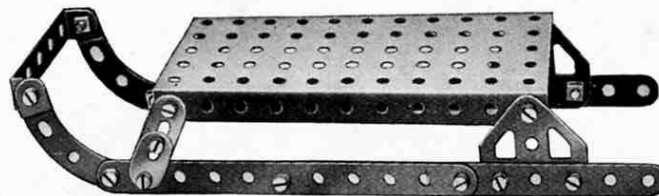
Model No. 00.91 Devil Wall



Model No. 00.94  
Garden Hose Reel



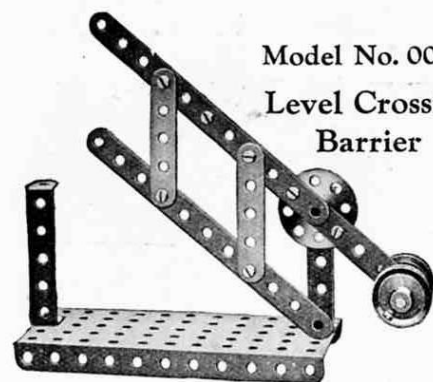
Model No. 00.93 Sled



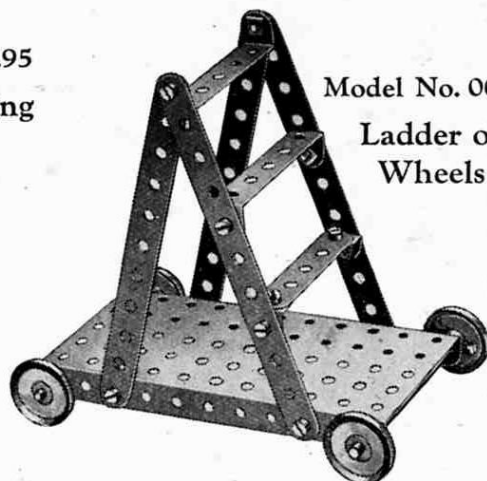


All these Models can be built with MECCANO Outfit No. 00

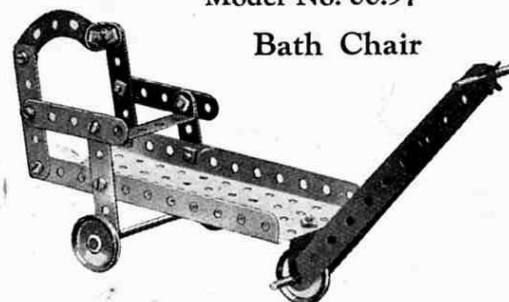
9



Model No. 00.95  
Level Crossing  
Barrier

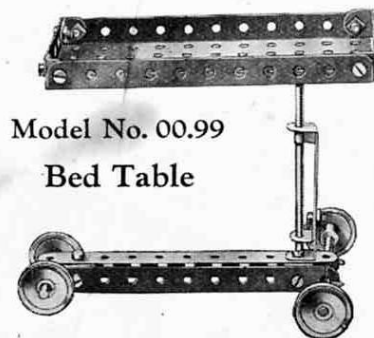
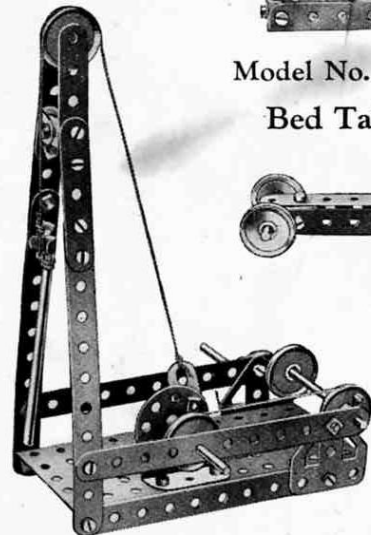


Model No. 00.96  
Ladder on  
Wheels



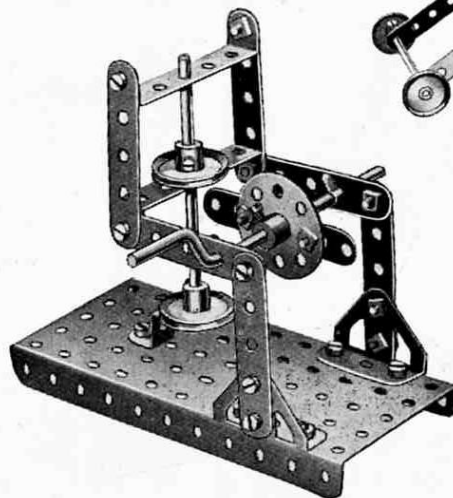
Model No. 00.97  
Bath Chair

Model No. 00.98  
Well Driller

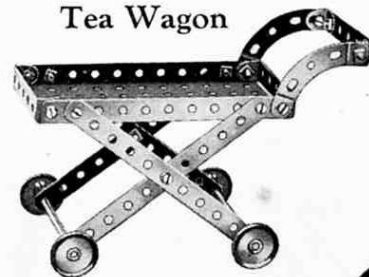


Model No. 00.99  
Bed Table

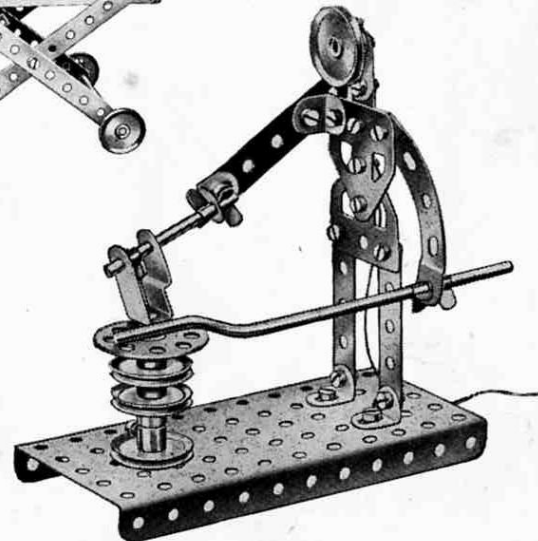
Model No. 00.100  
Ore Crusher



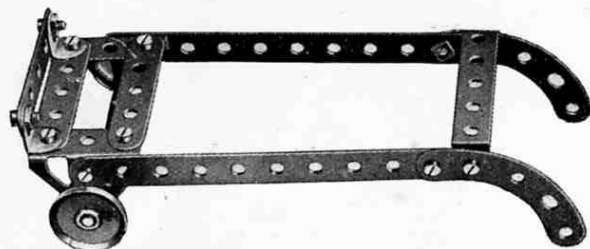
Model No. 00.101  
Tea Wagon



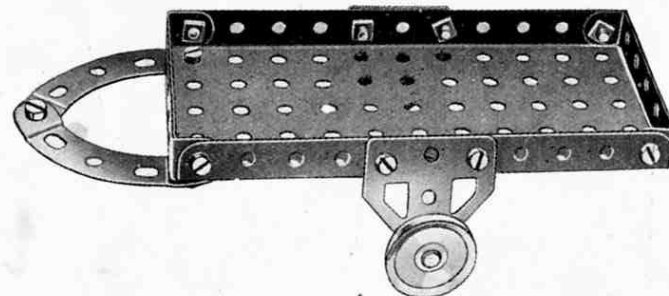
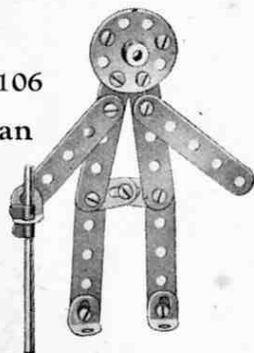
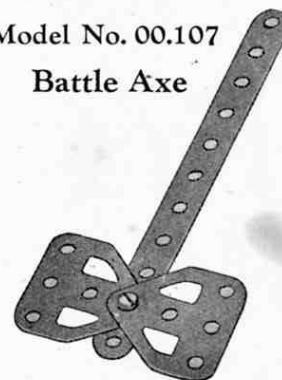
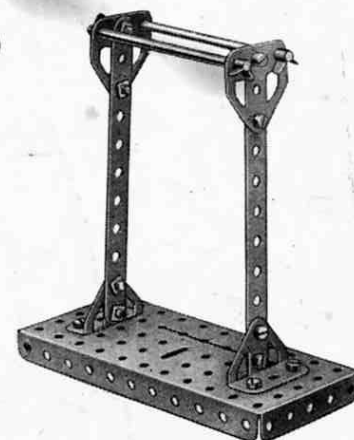
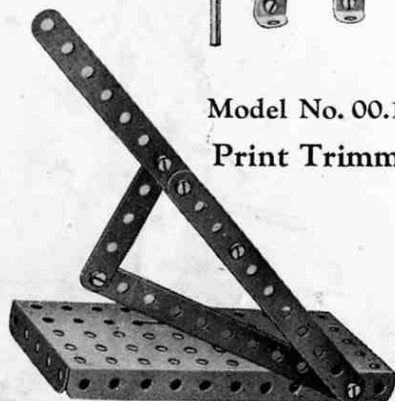
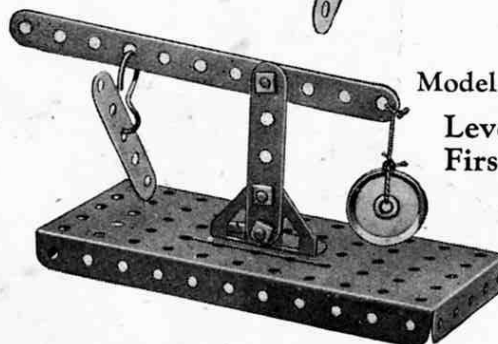
Model No. 00.102  
Blacksmith



Model No. 00.103 Porter's Trolley

Model No. 00.104  
Watch Stand

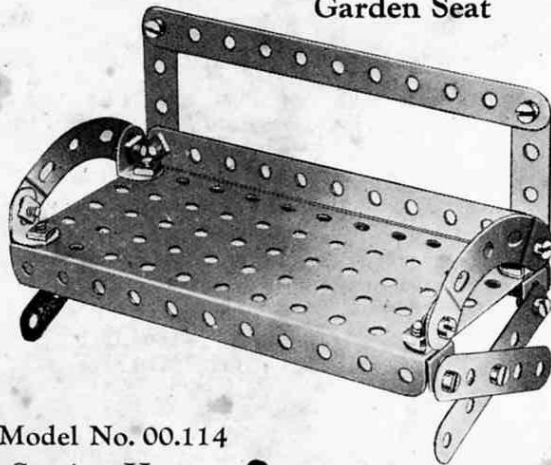
Model No. 00.105 Hand Truck

Model No. 00.106  
Meccano ManModel No. 00.107  
Battle AxeModel No. 00.110  
Towel HorseModel No. 00.108  
Print TrimmerModel No. 00.109  
Lever of the  
First Order

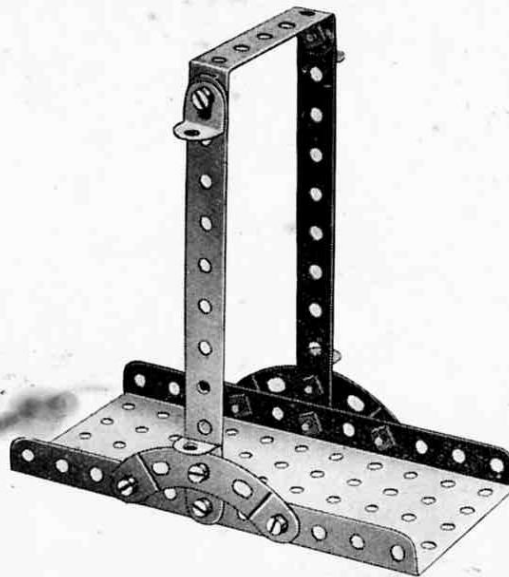
All these Models can be built with MECCANO Outfit No. 00

11

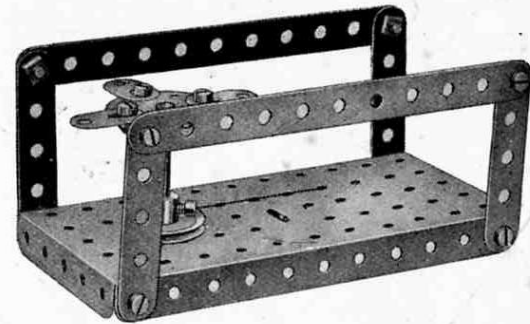
Model No. 00.111  
Garden Seat



Model No. 00.112  
Elevator Car



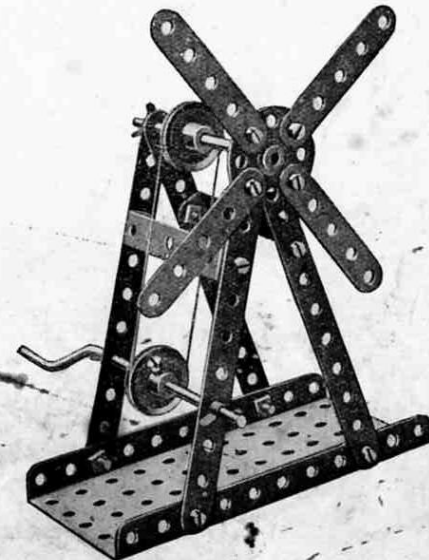
Model No. 00.113 Turnstile



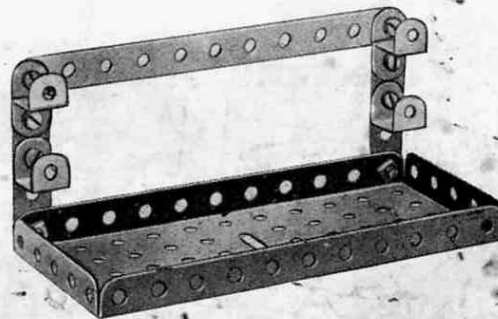
Model No. 00.114  
Sawing Horse



Model No. 00.116  
Windmill



Model No. 00.115 Pen Rack



# Engineering for Boys

## HOW TO BUILD BIGGER MODELS

The Meccano No. 00 Outfit is the first step in the Meccano system. After you have made all the models shown in the 00 Manual you will want to build bigger models. You may do this by adding new parts to your No. 00 Outfit or, by purchasing a No. 00a Accessory Outfit (price 1/6), you may convert your No. 00 Outfit into a No. 0. The extra parts in this Outfit enable you to build many more models and to obtain even greater pleasure from Meccano.

## 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 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. In this manner, no matter with which Outfit you commence, you may gradually build it up until you are the proud possessor of a No. 7 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	16
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
56E	Instructions Manual	1
57	Hooks	1
90A	$2\frac{1}{2}"$ Curved Strips, cranked, $1\frac{1}{2}"$ 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

## HOW TO BEGIN

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 model can be made in a dozen different ways.

Screw up all the nuts and bolts tightly, and you will find that you can obtain many hours of fun playing with the trucks, cranes, signals, and other working models that you build.

## THE LIFE OF A MECCANO BOY

A Meccano boy is the happiest boy in the world. Time never hangs heavily on his hands and he is too busy and too happy to grumble. He builds models from the Meccano Instruction Books; invents new models; enters the competitions that 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. Send for full particulars of the Meccano Guild to the Guild Secretary, Meccano Limited, Binns Road, Liverpool.

## Meccano Price List

### OUTFITS

No. 00 Outfit	..	3/6	No. 2 Outfit	..	16/-
" 0	..	5/-	" 3	..	27/6
" 1	..	10/-	" 4	..	50/-

### ACCESSORY OUTFITS

No. 00a Accessory Outfit	1/6	No. 2A Accessory Outfit	12/6
" 0A	5/6	" 3A	23/6
" 1A	7/-	" 4A	15/-

Meccano Limited

Binns Road

Liverpool