

MECCANO

 $\begin{array}{l} \text{TRADE MARKS 296321, 501113, 76, 12633, 10274, 55/13476, 569/13, 884/25, 2913, 80, 124, 336, 4174, 91637, 83171, 157149, 32822, 200639, 209733, 214061, 214062, 12892, 29094, 33316, 1818, 16737, 383/13, 5848, 50204, 10/12258, 22826, 18982, 20063/925, 9048, 5549, 2189, 16900, 72286, 2389, 41812, 5403, 7315, 18066, 139420, 494933-4-5-6, 29041, 26877, 6595, 404718, 1836,$

HORNBY'S ORIGINAL SYSTEM—FIRST PATENTED 1901

INSTRUCTIONS

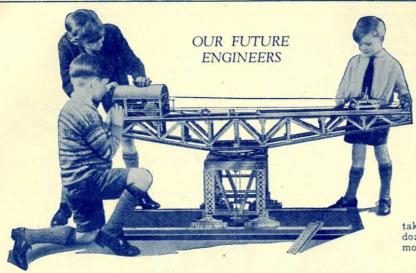
No. 00



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No. 30.00

OVERSEAS EDITION



A TALK WITH NEW MECCANO BOYS

The Meccano No. 00 Outfit is the first step 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. 00 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 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

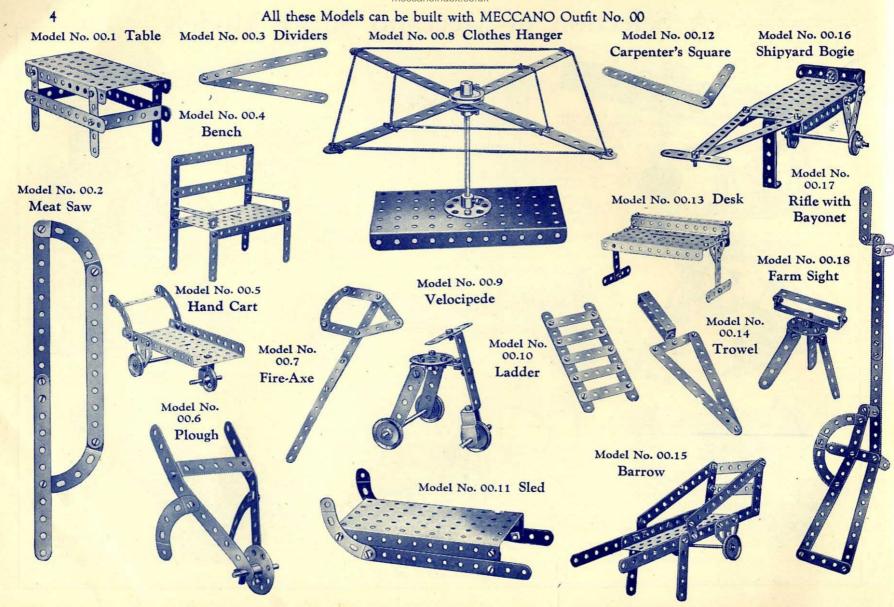
A Meccano boy is the happiest boy in the world. He builds models from the Meccano Instruction books; invents new models; enters the Competitions which are always being held in connection with the hobby; joins the Meccano Guild and a Meccano Club and by wearing the Guild badge proclaims himself to be 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. For full particulars of the "Meccano Magazine" and subscription rates, see page 19.

MECCANO SERVICE

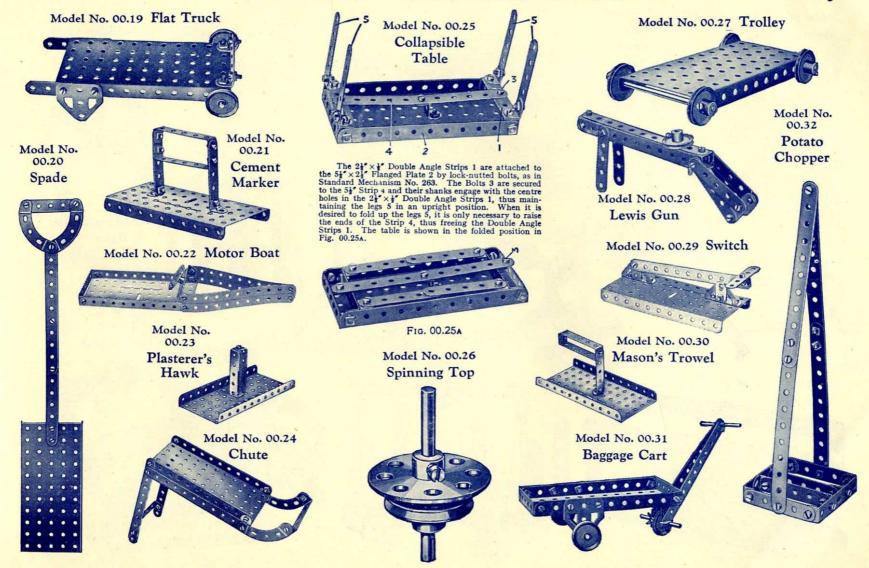
The service of Meccano does not end with selling an Outfit and an Instruction Manual. When you want to know something more about engineering than is now shown in our books, or when you strike a tough problem of any kind, write to us. We receive over 200 letters from boys every day all the year round. 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.

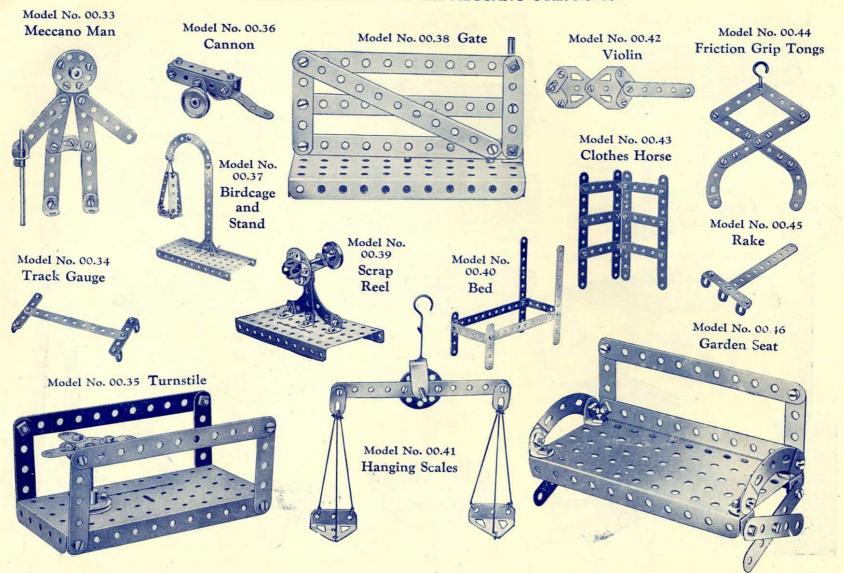
A Selection of Meccano Super Models-Giant Block-setting Crane, complete with Fidlers' Blocksetting Gear. (Leaflet No. 4). Three Engine Biplane, fitted with ailerons, elevators, rudders, etc. (Leaflet No 34) The models illustrated on this page show the wonderful possibilities of Meccano. They comprise a selection from a range of super models that have been specially built for the delight of Meccano boys. A descriptive leaflet giving full particulars of all the models in the series and the prices of the special Instruction Leaflets that are published in connection with them, may be obtained from your dealer or direct from the following Agents:—New Zealand: Models Ltd., Kingston Street, Auckland (P.O. Box 129). South Africa: Arthur E. Harris, 142, Market Street, Johannesburg (P.O. Box 1199). Pontoon Crane. Movements include hoisting, luffing and slewing. (Leaflet No. 28). Travelling Gantry Crane.
A model of a type of crane used in shipyards. (Leaflet No. Motor Chassis, complete with gear box, clutch, differ-Motor Cycle and Sidecar, with V-twin engine, ential, internal expanding brakes, etc. (Leaflet No. 1). sprung sidecar, etc (Leaflet No. 3). Baltic Tank Locomotive, incorporating an accurate Steam Shovel, a model reproduction of embodying five different Walschaerts' valve gear. (Leaflet No. movements. (Leaflet The Traction Engine is driven by a 6-volt 15). Motor and will haul 140 lbs. (Leaflet No. 22).



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

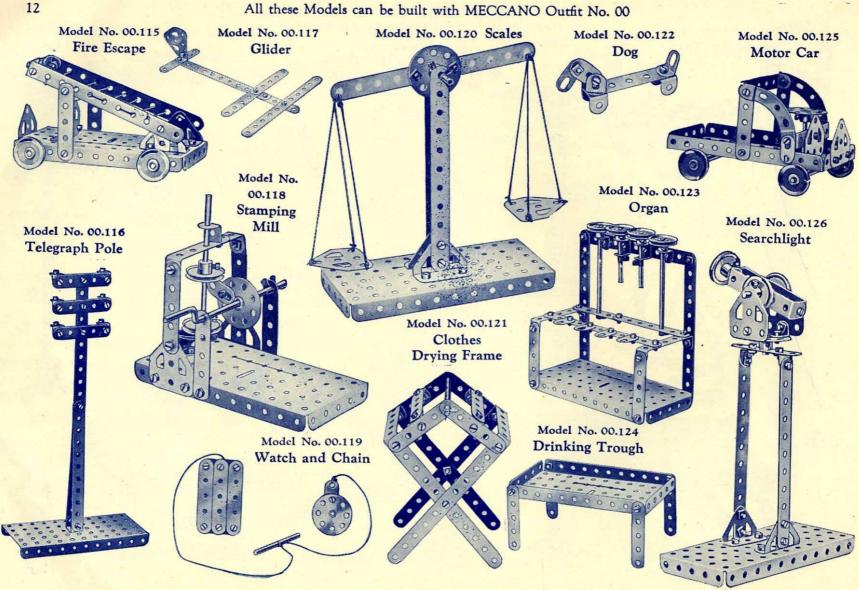


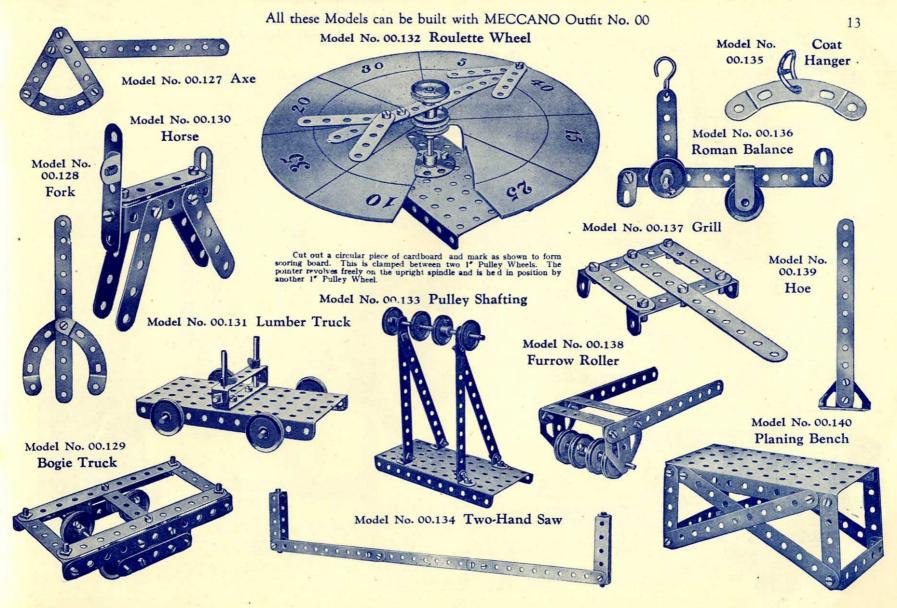
All these Models can be built with MECCANO Outfit No. 00

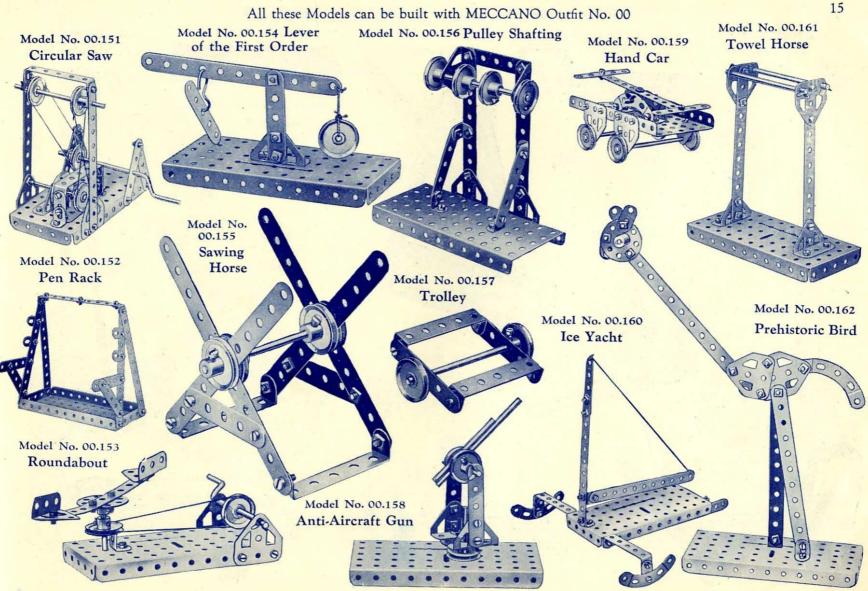


All these Models can be built with MECCANO Outfit No. 00 Model No. 00.79 Model No. 00.73 Model No. 00.76 Model No. 00.70 Field Roller Buffers Cheese Cutter Telegraph Key 000 Model No. 00.77 Cutlery Rest Model No. 00.71 Radial Travelling 0 0 0 0 0 0 0 Crane . 0.000 Model No. 00.80 Frame Aerial Model No. 00.74 Magic Plate The cord is wound once round a 2" Axle Rod that is journalled in a Flat Bracket and a 1" Reversed Angle Bracket, which are bolted to the Plate. If the cord is held loosely the plate will drop, but as soon as the cord is tightened the plate becomes immovable. Model No. 00.78 Barge Model No. 00.72 Model No. 00.75 French Print Trimmer Railway Signal

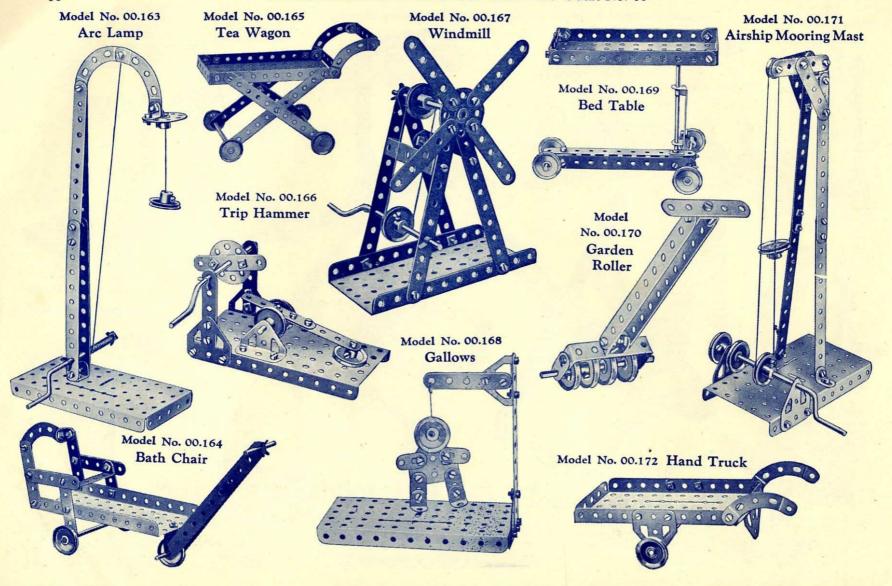
All these Models can be built with MECCANO Outfit No. 00 Model No. 00.81 Model No. 00.83 Tweezers Model No. 00.88 Model No. 00.90 Model No. 00.94 2-way Sign Post Elevator Car Razor Road Sign 000000000 Model No. Model No. 00.85 00.84 3-way Road Sign Dividers Model No. 00.91 Model No. 00.92 4-way Road Sign Mail Bag Hanger 6000 Model No. 00.82 Model No. 00.95 Tin Opener Model No. 00.89 Street Propeller Model No. 00.86 Lamp Porter's Trolley Model No. 00.93 Hand Truck Model No. 00.87 Walking Stick

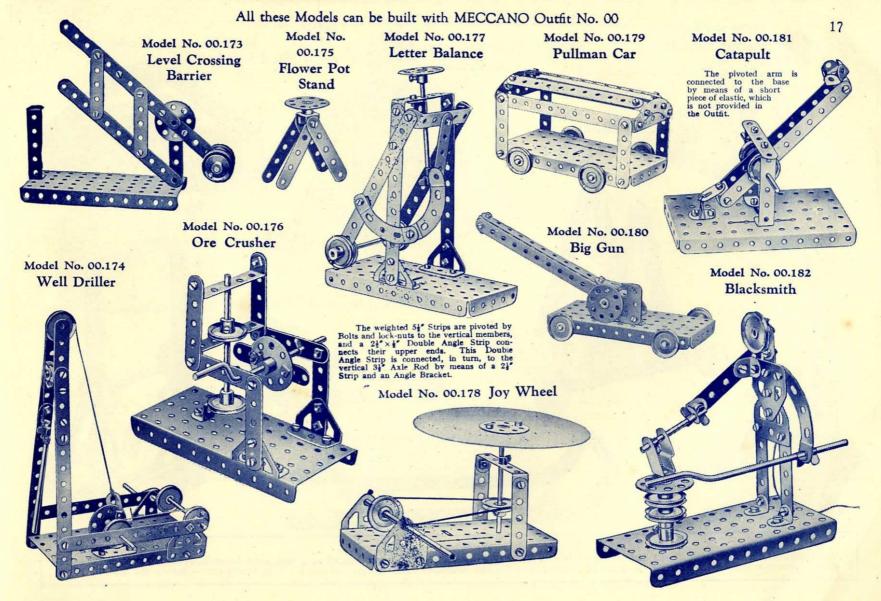




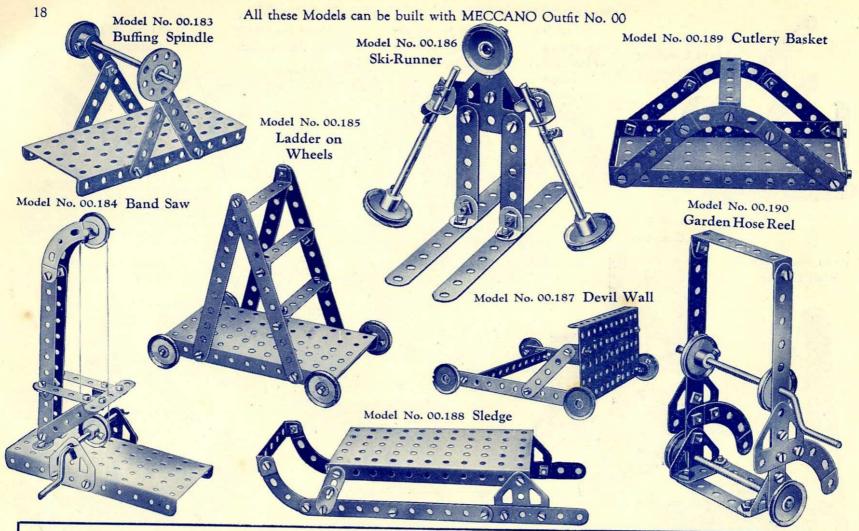


All these Models can be built with MECCANO Outfit No. 00





meccanoindex.co.uk



HOW TO CONTINUE

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

Meccano Accessory Outfits



The Purpose of Meccano Accessory Outfits

Meccano Accessory Outfits connect the main Outfits from No. 00 to No. 7. They may be well described as 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.

No. 3a Accessory Outfit

CONTENTS OF No. 00 OUTFIT 2 Perforated Strips, 51 40 Hanks of Cord 44 Cranked Bent Strips Flat Brackets 48A Double Angle Strips, 21" × 1" Angle Brackets, 1"×1 52 Perforated Flanged Plates, 54" × 24" 1 16 Axle Rods, 31" 90A 21" Curved Strips, cranked, 11" 19s Crank Handles (Small) radius, 4 to circle 22 Pulley Wheels, 1" (Fast) ... 24 Bush Wheels 111c Bolts, 2" 35 Spring Clips 125 Reversed Angle Brackets, 4" 36 Screw Drivers Trunnions ... 126A Flat Trunnions ...

The "Meccano Magazine"

or in superior enamelled cabinets, with lock and key.

The "Meccano Magazine" is the Meccano boy's own newspaper. He reads it regularly and when he is in difficulties consults his friend the Editor.

The Magazine tells him of the latest Meccano models; what Meccano Clubs are doing; how to correspond with other Meccano boys; the Competitions that are running. It contains splendid articles on all subjects of interest to boys.

Write to the Editor, "Meccano Magazine," Liverpool, England, enclosing 6d. in stamps. He will then forward a specimen copy of the "M.M.," post free. If you wish to become a regular subscriber the rates are 4/- for six issues or 8/- for twelve issues, post free. If you prefer to do so, you may order the Magazine from your Meccano dealer or from any newsagent or bookstall, price 6d.



Patents and Designs Great Britain

250,378 671,485 253,236 671,534 290,121 671,790 648,958 680,416 671,484 682,208

MECCANO

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These are the Meccano Factories and distributing centres.

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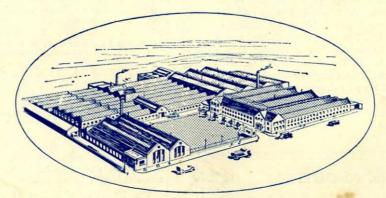
Meccano Ltd.,

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Kennington Road, London, S.E.11.



London Service and Repair Depot : Meccano Ltd., 5/6, Marshall Street, London, W.1.



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