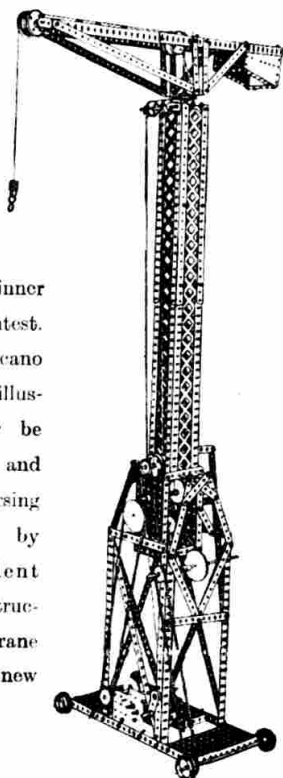


THE MECCANO MAGAZINE

TO HELP MECCANO BOYS TO HAVE MORE FUN THAN OTHER BOYS

A Fine New Meccano Crane

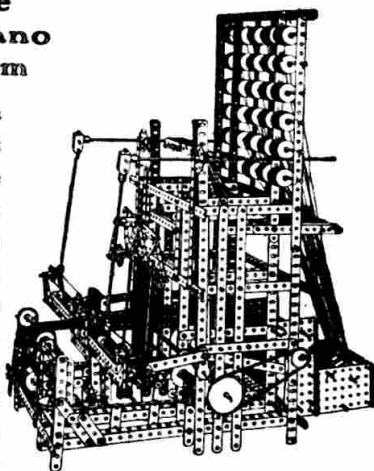
This is a Prize Winner in the last Meccano Contest. When run with the Meccano Electric Motor, as illustrated, the jib may be swung, the load raised and lowered, and traversing movement obtained by means of independent mechanism. Full instructions for building the crane will be found in the new Manual of Instructions.



The Meccano Loom

This is a magnificent new Prize Model which every Meccano boy will want to build and use. It automatically weaves ties and belts in all colours.

It was designed in Lancashire, the home of weaving, by a Meccano user, who took for his patterns the great looms at which he worked to earn his living. It is perfect in every detail, and, like all other Meccano models, the work of an expert. Every boy should build this wonderful model, and learn all there is to know about weaving.



A Message to Meccano Boys from the Inventor of Meccano

Since I first took out patents for Meccano in 1901, the hobby has made remarkable strides. I look back upon those days with keen pleasure, because even then boys recognised the merits and usefulness of Meccano parts and bought them eagerly. In those early struggling days, I had no factory to make the parts, or in which to work out new ideas. The difficulties were numerous and often almost insurmountable. Now Meccano is manufactured in the largest toy factory in the British Empire, equipped with the latest machinery, operated by many hundreds of skilled workpeople.

During these eventful fifteen years, a million boys of all nationalities and ages have bought and played with Meccano. Once they have started the hobby they have continued with it, buying the new parts and the new manuals as they came along. More boys play with Meccano than play football or cricket or any other hobby. I have corresponded with so many boys about Meccano, and I have got to know them so well, that I have come to look upon every Meccano boy as a personal friend, and I do not think that since the world began any man was so blessed with boy friends as I am. It is a great happiness to me to be able to send to them all a message of goodwill through the Meccano Magazine.

In future issues I want to tell you of some of the early struggles and experiences which I had in gaining opportunities for you to buy Meccano and in getting it manufactured, how some of the best parts and models were suggested to me, and plans which have been laid for the future development of the hobby. I want to know you all better, and I want you to know Meccano and myself better. My determination is the same now as it has been for fifteen years: to keep Meccano the happiest, most pleasurable, and most instructive toy which boys ever had.

F. Hornley

Managing Director Meccano Ltd.

Our First Number

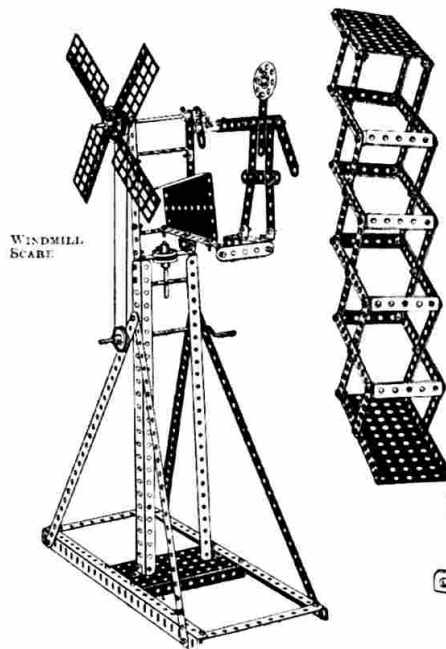
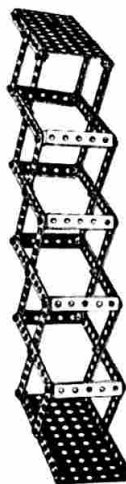
Meccano boys have been asking us for some years now to start a Meccano magazine, and here it is at last. This is a modest little first number, but it will achieve its purpose if it makes all you Meccano boys feel that you know us a little better. We have a lot of interesting developments in store, all of which will be announced in the Meccano Magazine, and we want you boys to look out for them, as they will all mean more fun and pleasure for you. Some of you are apt to get into a rut and to think that you are having all the fun it is possible to get out of Meccano, whereas, as a matter of fact, we are going ahead all the time and discovering new models, new ideas, and new fun for you. Write to the Editor as often as you like; he is just a grown-up boy with a lot of experience, and he knows how boys feel about things, and how to help them out of their difficulties. If your letters to him are interesting enough, you will probably find them printed in the Meccano Magazine.

The Editor.

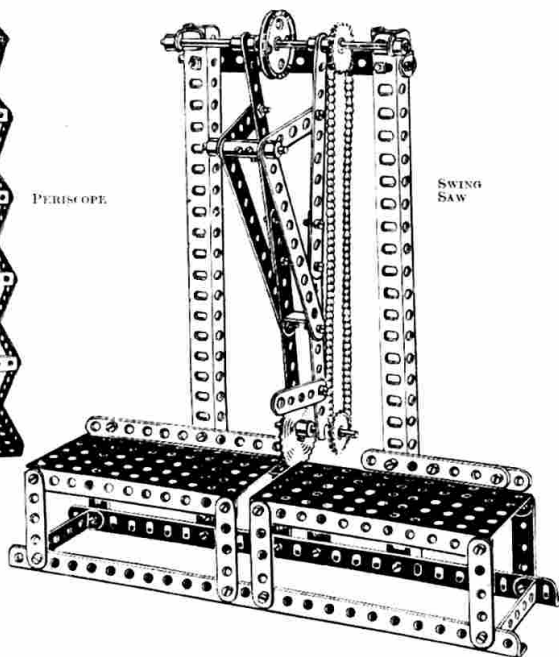
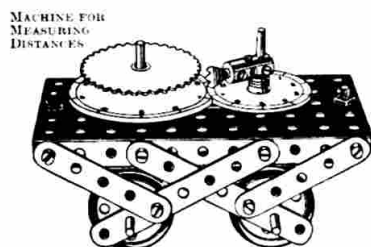
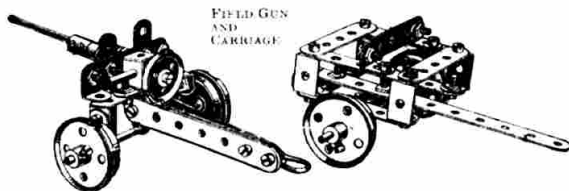
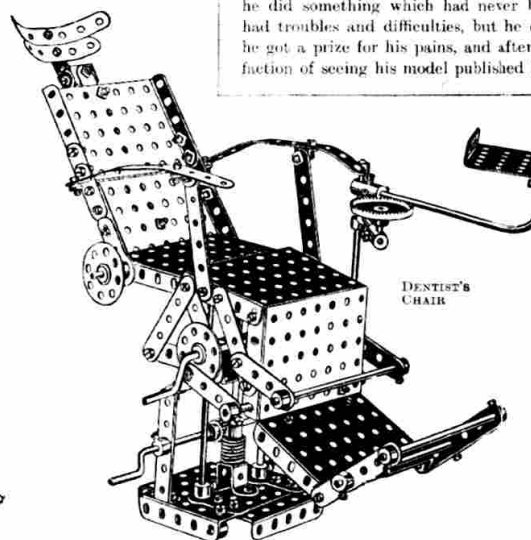
The New Meccano Manual of Instructions



If you want to really taste the joys of Meccano, you must obtain this new edition of the Meccano Manual of Instructions. For the first time it reveals the great possibilities of the hobby. It contains hundreds of prize-winning models with instructions for building them. There are models in this book which have taken years to bring to perfection. Models to play with, like the Helter-skelter, the Automatic Billiard Player, Joy Wheel, and Box Ball Alley; models to work with like the Meccano Loom, which automatically weaves ties and belts in all colours just as good as any you could buy in the shops, the Meccano-graph for making thousands of exquisite designs with years of interest in it for children or grown-ups; engineering models like the Jack Knife Bridge, Stone Sawing Machine, Weighing Machines of various patterns, new Cranes and Bridges, scientific models, models of Guns, Armoured Cars, and others of war interest. By the time you have made all these models, you will have learned many useful engineering things, you will be a much brainier fellow than when you started, and you will be ready for the new supplementary editions of the Manual of Instructions which are in preparation. Every Meccano boy should keep himself up to date with new manuals. It is only by doing this that he can get the full value from his Meccano outfit. The new edition contains 326 models and costs 1s. 3d. or 1s. 6d. post free. You can obtain it either from your regular dealer, or from us if you have any difficulty.

WINDMILL
SCARE

PERISCOPE

SWING
SAWMACHINE FOR
MEASURING
DISTANCESFIELD GUN
AND
CARRIAGEDENTIST'S
CHAIR

Meccano Prize Models

Each boy who designed one of these models did something which had never been done before. He had troubles and difficulties, but he overcame them and he got a prize for his pains, and after the publication of seeing his model published in this magazine.

All these models won prizes in the last grand Meccano Competition.



The Meccano Inventor's Accessory Outfit

No Meccano boy should be without this accessory outfit. No matter what regular outfit you have, the parts are useful. It contains a set of large wheels which can be used on motor cars, trucks, &c., two sizes of sprocket wheels with a length of chain for giving a positive drive and dispensing with the usual cord, which is apt to get slack and slip round the pulley. It also contains a supply of the new braced girder for building large, imposing models. There is also included in it a supply of heads, which are indispensable in building a Meccano Loom. It also contains other parts previously included in the higher-priced outfits only. It is a great help to the young Meccano inventor who desires to extend the scope of his outfit. The cost of the Inventor's Accessory Outfit is 7s. 6d.

"Dad"

When father has money we call him "Father." When he teaches Sunday School, we call him "Papa." If he shops with mother and wheels the baby carriage, we call him "Pa." But if he buys us Meccano and gives us a hand with the models till his fingers ache with screwing up the bolts with them instead of using a screw-driver, we call him "Dad."

World-famous Meccano Beats Germans Hollow

This is the verdict of Mr. A. W. Gamage, of the firm of A. W. Gamage, Ltd., London, expressed in an article which he has just written for "Pearson's Weekly." Mr. Gamage writes: "Lackily Germany did not capture every section of the toy trade. In some directions we are still pre-eminent. Britain's soldiers were second to none; they were perfect in every detail. The world-famous Meccano toys beat the Germans hollow. Our rubber balls were excellent, and our big wooden toys licked creation."

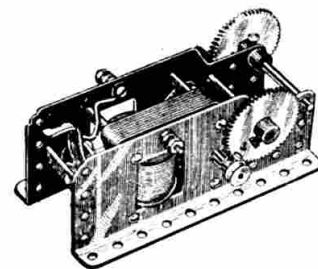
Mr. Gamage's verdict on Meccano is endorsed by every toy dealer and every boy in Great Britain. In some directions the Germans certainly did not have it all their own way, and when this terrible German-made war is over it will be our endeavour to see that much of the toy business which was formerly held by Germany and Austria will be wrested from those countries, and that the British public will know that when they are buying toys they are supporting British workmen in British factories.

Meccano Outfits as Prizes

The following well-known publications are offering Meccano Outfits as prizes in the competitions which they are running this winter:—

- "The Scout."
- "Home Notes."
- "Pearson's Weekly."
- "Everywoman's Weekly."

Some of you clever Meccano boys should have no difficulty in securing these outfits.



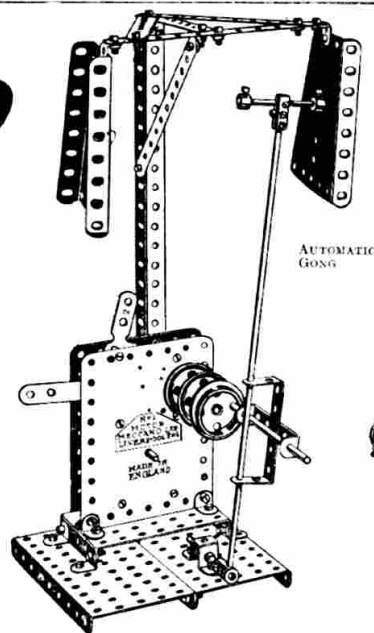
The Meccano Electric Motor

This is a perfectly designed motor which makes it possible for a boy to run his models continuously. Properly geared, it has enormous lifting power. It has the Meccano equidistant holes along the base and edges, and can be fitted into the Meccano models without difficulty. It is simple to use, and there is no danger whatever attached to it. It may be run with dry batteries, an accumulator, or direct from the home supply with a transformer. Where possible, we recommend that an accumulator be used giving four volts. This lasts for a long time, is very reliable, and can be easily recharged at small cost.

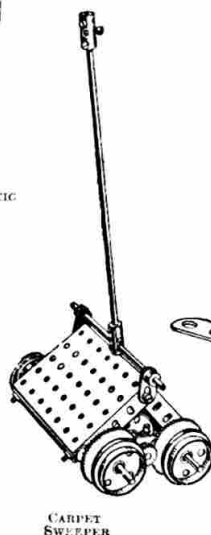
The motor is supplied in two patterns, one without reversing gear, costing 7s. 6d., and the other with reversing, stopping, and starting gear, costing 12s. 6d. Instructions go with each motor. Ask your dealer to show it to you.

Meccano Models

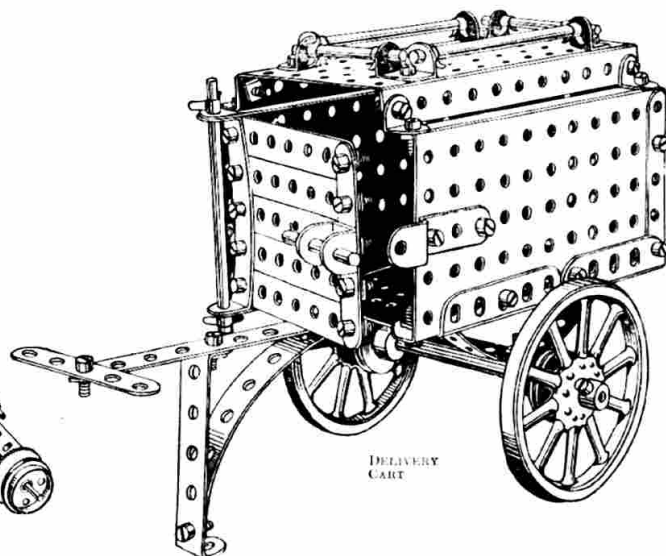
one of these models is a discoverer; he had never been done before. He overcame them. Then he built them, and after that he had the satisfaction of publishing them here.



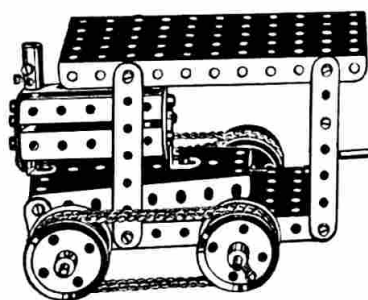
AUTOMATIC GONG



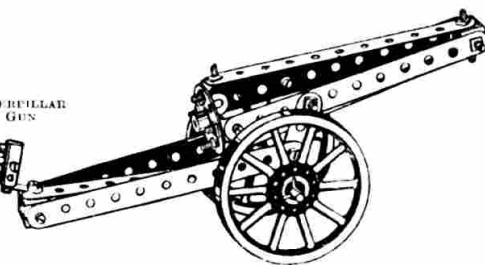
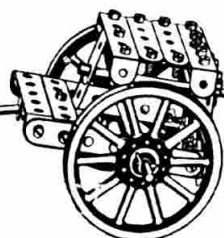
CARPET SWEEPER



DELIVERY CART



CATERPILLAR AND GUN



They are included in the new Manual of Instructions

A New £200 PRIZE CONTEST

1st Prize £50 in Cash. 140 other prizes

Another grand Meccano Contest has started, and we want every boy to have a try for one of the big money prizes. These contests help the Meccano fun along and make model-building worth while. If you invent something new you prove yourself to be an original thinker, and if there is merit in it you get well paid for your work. The first thing to do is to study all the models which you make from the Manual of Instructions, and think out improvements on them. This gets your brain at work on new ideas, and it is just those ideas which we want. If you are contented to simply copy the Meccano models as you see them, you will never be successful in inventing anything new. Get to work now. See what the other fellows have done in the last two big competitions, and then go to work on something better. Do not forget the entry form; your dealer will give you one or we will post one to you on request.



The Meccano Braced Girder

This is a new flexible girder enabling large constructional models to be built, such as bridges, elevators, towers, etc., and forming a most effective decoration for many of the smaller models. It is a perfectly designed part on the lines of actual girders used in building construction. It is sold in two sizes, $5\frac{1}{4}$ " costing 1s. per 1-dozen, and $12\frac{1}{4}$ " costing 1s. 6d. per 1-dozen.

The Meccano Crank and Coupling



These are specially patented parts without which it is impossible to build many of the best Meccano models. They are perfect in design, and are adapted to hundreds of different uses. It is such parts as these which give Meccano its supreme position amongst constructional toys. New uses for them are being devised every day, and every Meccano boy should study them carefully. The cost of either crank or coupling is 6d.

More Prizes for Meccano Boys

We often receive very interesting letters from enthusiastic boys telling us of the pleasure they derive from their Meccano outfits, and some of these letters show unusual literary merit. We now offer a prize of a No. 2 Meccano outfit for the best essay on "Meccano as a Toy," and a similar prize for the best essay on "Meccano as a help to the study of Engineering." The essays should not consist of more than 500 words, and must be received by us not later than January 1st, 1917. Any user of Meccano may try for these prizes.