

MECCANO

Trade Mark Regd

The Toy that grows with the Boy

**See Revised
Price List**



A selection of Meccano parts

No. 221
Triangular
Flexible
Plate

MECCANO

Engineering for Boys of all ages

Give any boy a Meccano Outfit—and he will revel in building models with the skilfully designed parts it contains, whatever its size. There is an Outfit suitable for beginning the hobby at any age. For even the youngest boy, four or five years of age, there is the 00 Outfit, with which he can build fine simple, working toys, such as a scooter, a roundabout, a fairground highflyer, a garden swing and a railway signal; and with larger Outfits older boys can build splendid models of cranes that turn and travel as well as raise and lower their loads, bridges of all kinds, miniature motor cars, even looms and a whole range of other interesting structures and mechanisms. Instructions Books give pictures and details of a host of interesting models for all Outfits from No. 00, the smallest, to No. 10, the largest.

Parts easily assembled

Meccano is real engineering for boys. Its parts are similar to those used in real engineering, including Strips, Plates, Girders, Pulleys, Cranks and Couplings, and Bolts and Nuts with which to assemble them. A beginner can start building at once, for only a Screwdriver and a small Spanner are needed, and these are included in every Outfit. The most complicated models can be built with these tools alone, which every boy knows how to use.

Meccano is a hobby without end. Each Outfit can be converted into the next larger Outfit by adding the appropriate Accessory Outfit. For instance the youngest Meccano enthusiasts can begin with Outfit 00 and later can add first Accessory Outfit 00a, which converts it into a No. 0, then Accessory Outfit No. 0a, which converts his No. 0 Outfit into a No. 1, and so on.

So the whole world of engineering structures and machines is open to the Meccano enthusiast. He begins with the models in his Books of Instructions, and to them he adds models of his own design. To give good measure there are also the new models described and illustrated every month in the *Meccano Magazine*, which every Meccano enthusiast should have. This appears monthly, price 1/-, and can be ordered from any Meccano dealer or newsagent.

No. 114
Hinge

No. 140
Universal Coupling



No. 128
Bell Crank

No. 23 Pulley



No. 130 Eccentric, Triple Throw



No. 51 Flanged Plate



No. 3 Perforated Strip 3 1/4"

212a
Right Angle Rod and Strip Connector

212a
Right Angle Rod and Strip Connector



No. 57b Loaded Hook



No. 160 Channel Bearing



No. 63 Coupling



Nos. 30a and 30c Bevel Gears



No. 29 Contrate Wheel



No. 214 Semi-circular Plate



No. 95a Sprocket Wheel



No. 213b Three-way Rod Connector with boss



No. 147a Pawl



No. 28 Contrate Wheel



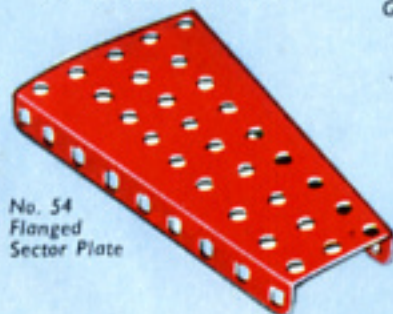
No. 27a Gear Wheel 57 Teeth



No. 31 Gear Wheel



No. 32 Worm



No. 54 Flanged Sector Plate



No. 187 Road Wheel



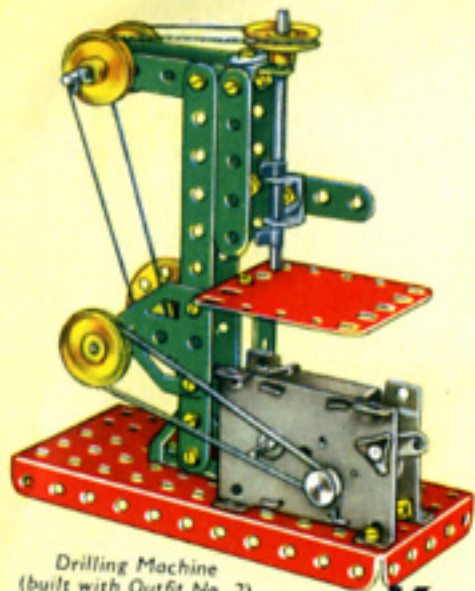
No. 151 Single Pulley Block



No. 139 Flanged Bracket

Meccano Motors

Four Meccano power units are available, two clockwork and two electric. These power units are adapted for easy fitting into Meccano structures.



Drilling Machine
(built with Outfit No. 2)

Meccano Clockwork Motors

The Meccano Clockwork Motors fit easily into Meccano models, and their precision-cut gears make them smooth and steady in operation.

Meccano Magic Motor. Non-reversible. Specially intended for driving suitable models built from Outfits Nos. 00 to 5.

Price 6/10

Meccano No. 1 Clockwork Motor. Suitable for driving many of the larger models. It is fitted with reversing mechanism.

Price 17/6

Meccano Electric Motors

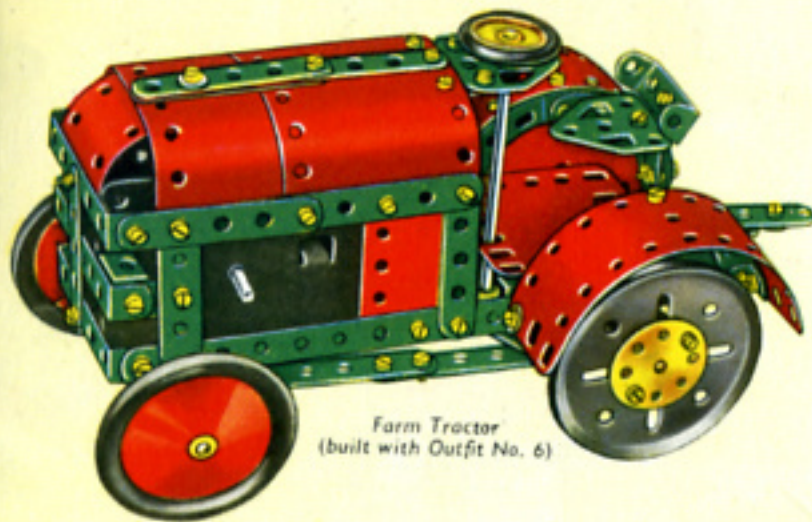
The great advantage of electric motors is that they can be run continuously for long periods. If alternating current is available from the house mains a Meccano 20-volt Electric Motor can be run cheaply, and with perfect safety, through a Meccano T20M Transformer. Where A.C. supplies are not available, the E20R(S) Meccano Motor will be found to give adequate power when run from a 12-volt car battery.

Meccano No. EO20(S) Electric Motor.
A sturdy 20-volt non-reversing motor of the enclosed type Price £1/5/6

Meccano No. E20R(S) Electric Motor.
A powerful 20-volt motor with reversing mechanism Price £1/17/6

Meccano T20M Transformer. For use with EO20(S) and E20R(S), Electric Motors. Input 210/250 volts A.C.; other mains voltages to special order Price £2/7/6

Prices include Purchase Tax.



Farm Tractor
(built with Outfit No. 6)



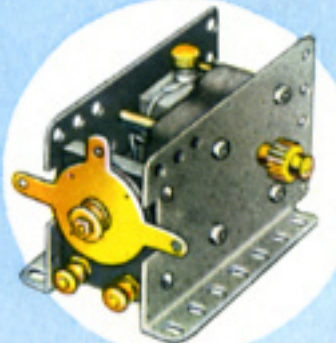
Meccano Magic
Clockwork Motor



Meccano No. 1
Clockwork Motor



Meccano No. EO20(S)
Electric Motor



Meccano No. E20R(S)
Electric Motor

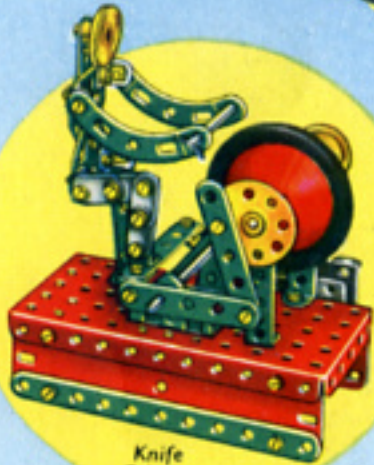
Meccano Electric Motors EO20(S) and E20R(S) are fitted with suppressors which effectively counter interference with radio and television reception.

Easily built models for beginners

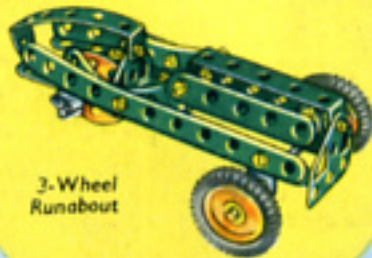
Here are three delightfully simple models, two of them driven by the Meccano Magic Motor.



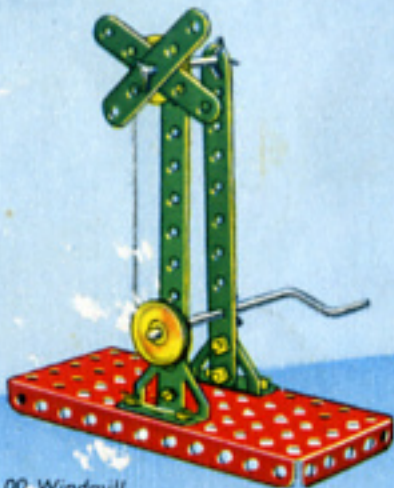
Motor Scooter



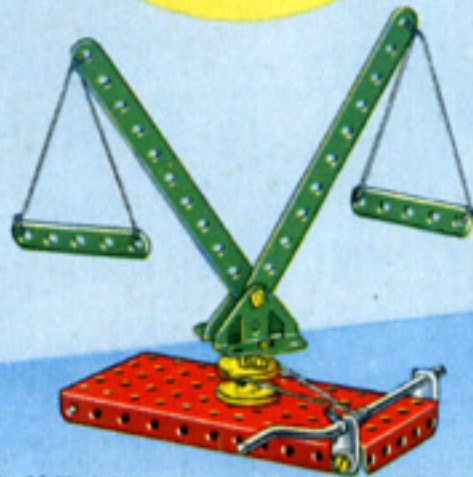
Knife Grinder



3-Wheel Runabout



No. 00 Windmill



No. 00 High Flyers



No. 00 Crane

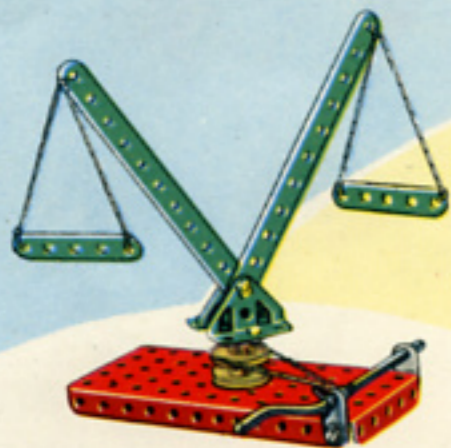
There is a Meccano Outfit to suit every boy, whatever his age. With the Meccano Outfit No. 00, the very youngest can build simple toys like those illustrated below, and turn the handles that make them work; and as he grows older he can pass on to the larger and more fascinating working models to be made with bigger Outfits, driving them with clockwork or electric motors.



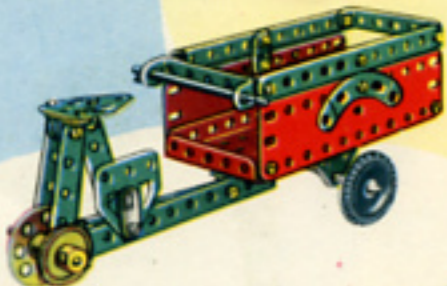
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Printed in England

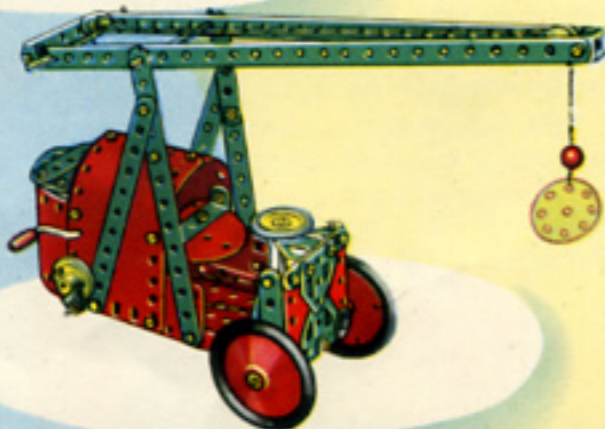
MADE IN ENGLAND BY MECCANO LTD., BINNS ROAD, LIVERPOOL
London Showroom: 22 Berkeley Square, W.1.



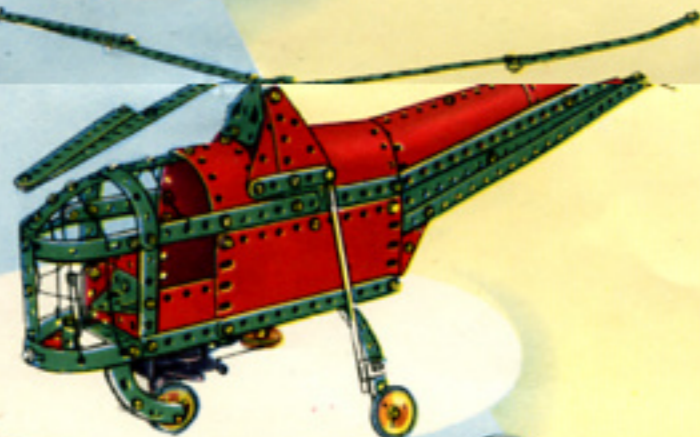
The High Flyers—another of the jolly models shown in the Instructions Book for Outfit No. 00.



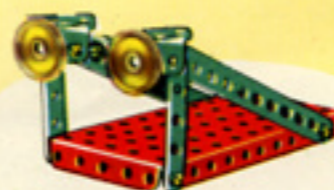
This Tricycle Van can be built from parts in Outfit No. 1.



One of the models shown in the Instructions Book for Outfit No. 5.



A Helicopter with working rotor built from Outfit No. 5.



Outfit No. 00 contains all the parts needed to make many simple fun-providing models, among which are the Carter's Barrow, Garden Seat and Buffer Stop shown above.

MECCANO

A New Model Every Day

Every boy who has a Meccano Outfit can build a whole range of new models, using the same parts over and over again. No ready-made toy can give so many long and happy hours of play.

Meccano is available in twelve different Outfits, ranging from No. 00, the smallest, to No. 10, the largest. These main Outfits are linked together by Accessory or 'A' Outfits, and progress from one main Outfit to the next larger can be made without unnecessary duplication of parts, by the addition of the appropriate Accessory Outfit. For example, a Meccano No. 1 Outfit can be converted into a No. 2 by adding to it a No. 1a Accessory Outfit. A No. 2a is necessary to begin the Meccano hobby with the smallest Outfit; a start can be made with any main Outfit in the series.

All Meccano parts are of the same high quality and finish, but the quantity and variety increase in the successive Outfits so that progressively bigger and better models can be built. And any additional Meccano parts wanted can be bought separately from Meccano Dealers.

Meccano Main Outfits

	s.	d.		s.	d.
Meccano Outfit No. 00	5	9	Meccano Outfit No. 5	3	2 6
Meccano Outfit No. 0	10	6	Meccano Outfit No. 6	3	15 0
Meccano Outfit No. 1	15	11	Meccano Outfit No. 7	5	15 0
Meccano Outfit No. 2	2	0	Meccano Outfit No. 8	9	5 0
Meccano Outfit No. 3	10	6	Meccano Outfit No. 9	14	15 0
Meccano Outfit No. 4	2	6	Meccano Outfit No. 10	41	0 0

Meccano Accessory Outfits

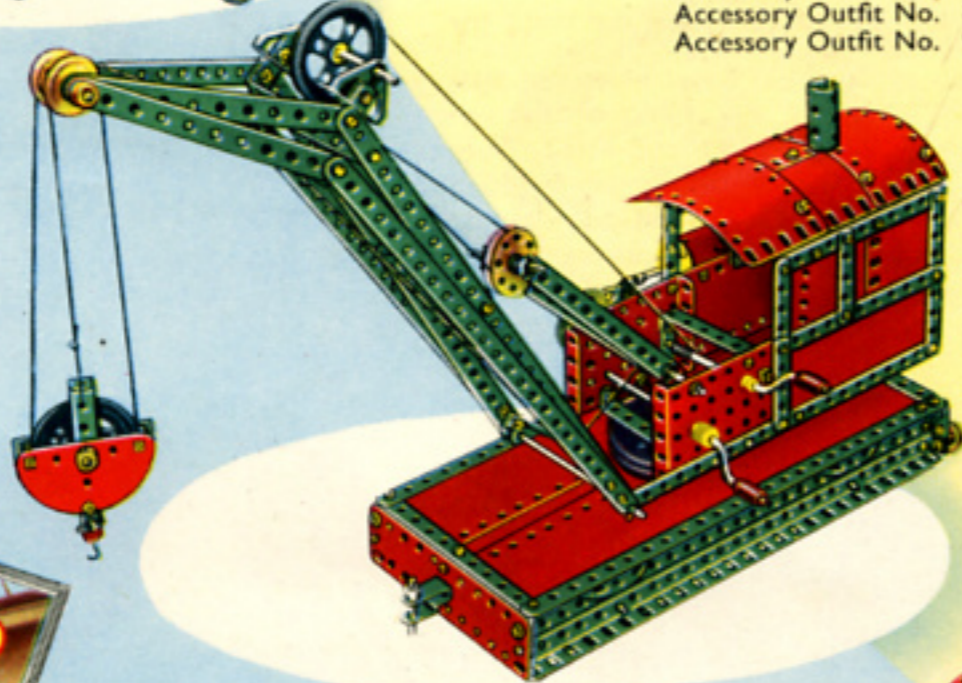
	s.	d.		s.	d.
Accessory Outfit No. 00a converts No. 00 into No. 0	4	6			
Accessory Outfit No. 0a	6	6			
Accessory Outfit No. 1a	7	6			
Accessory Outfit No. 2a	13	3			
Accessory Outfit No. 3a	15	9			
Accessory Outfit No. 4a	1	1 6			
Accessory Outfit No. 5a	17	0			
Accessory Outfit No. 6a	1	15 0			
Accessory Outfit No. 7a	4	0 0			
Accessory Outfit No. 8a	3	14 0			
Accessory Outfit No. 9a	20	15 0			

Prices include Purchase Tax.

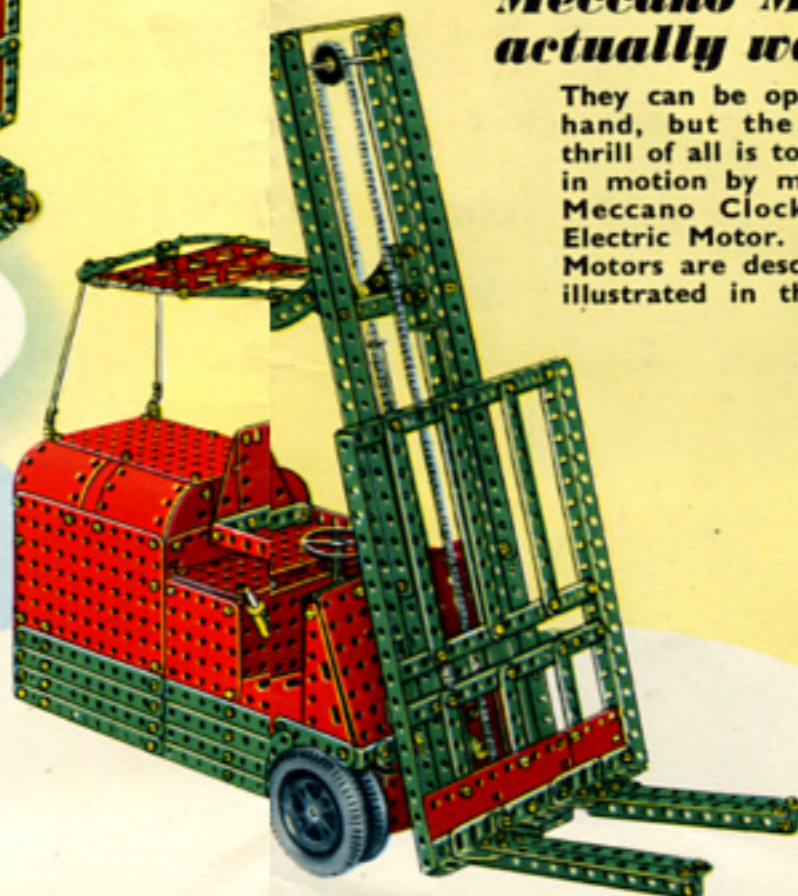
Read the MECCANO MAGAZINE



Read the Meccano Magazine every month for the latest news of Meccano model-building, Hornby and Hornby-Dublo train running and Dinky Toys. Each issue contains attractive articles, for readers of all ages, on engineering, railways, aircraft, stamps, etc. You can obtain the Meccano Magazine from your Meccano dealer or your newsagent.



This Railway Service Crane is one of the many fine working models that can be built from Outfit No. 7.



Full details and illustrations of this workable Fork Lift Truck are contained in the Instructions Book for Outfit No. 9.

Meccano Models actually work...

They can be operated by hand, but the greatest thrill of all is to set them in motion by means of a Meccano Clockwork or Electric Motor. Meccano Motors are described and illustrated in this folder.



Gears Outfit 'B'



This Gears Outfit, used in conjunction with a Meccano Main Outfit, makes possible the building of a wide range of interesting mechanisms driven through gears, as in real engineering. The machine-cut brass gears, steel sprockets and Rod with Keyway in the Outfit have been selected as having the widest possible uses.

Price 14/11

