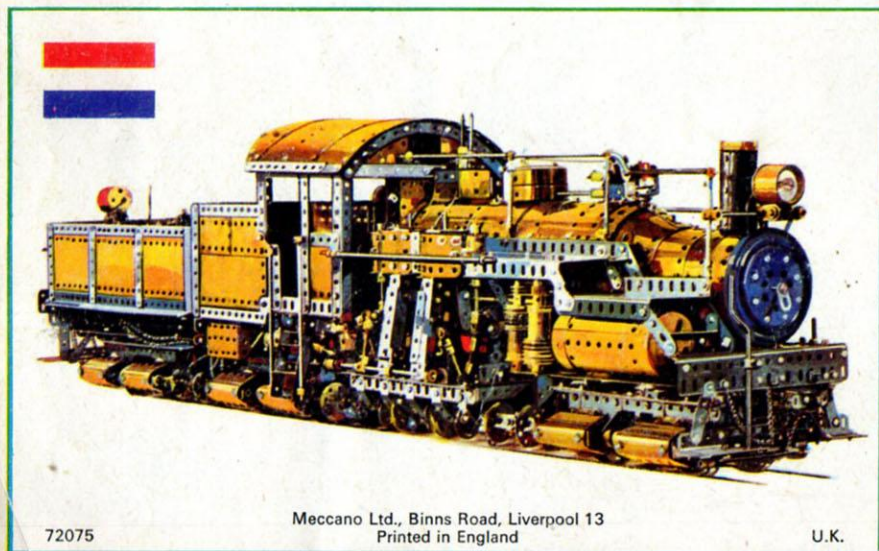


W. H. PADBURY LTD. WORLD-WIDE MECCANO MODELS

Meccano enthusiasts round the world build marvellous models. Original, ingenious, simply clever, or cunningly detailed; practical, entertaining, educational... lots of descriptions apply to these masterpieces, and you can build models like them for yourself. Here are three excellent examples from Great Britain, Mexico and Holland.

1. This simple Meccano Microscope magnifies up to 40 times. The lens is a drop of water, suspended in a Meccano hole.
2. Sandpit Digger from Mexico. This model is almost man-size, and everything works, just like the original. The platform moves on tracks: the cab and boom rotate: the boom raises and lowers: and the shovel opens and closes. Movement along the track, and shovel operations are powered by Meccano motors.
3. Old-time Shay from Amsterdam. A splendid working model of an American Shay Locomotive. It is 45 inches long—1/16th scale—and driven by two Meccano electric motors. The Shay—1880 to 1945—was (and in many places still is) a favourite engine of logging companies, contractors and mountain railways in places as far apart as China and Peru.



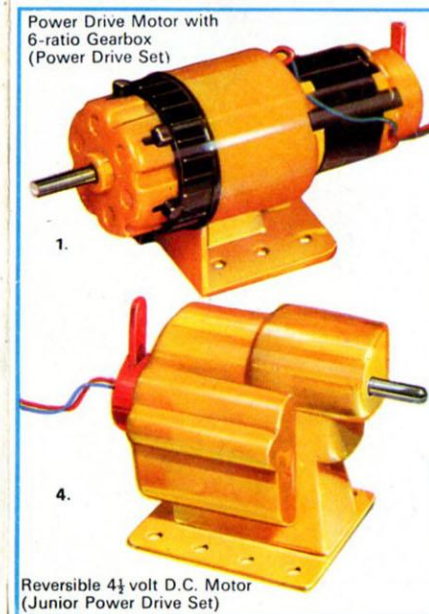
Meccano Ltd., Binns Road, Liverpool 13
Printed in England

Meccano Power Drive Sets



Junior Power Drive Set
With fixed ratio gear 4½ volt D.C. motor from 1289 or F40 battery or equivalent. Motor has stop, forward and reverse lever. Instructions for building 12 working models, and you can invent lots more.

Power Drive Set
Rotary power, lifting power, driving power—you've got them all in the Meccano Power Drive Set. Instructions for building 16 models plus everything you need to build your own exciting motorised models.



Reversible 4½ volt D.C. Motor
(Junior Power Drive Set)

Electric, Clockwork and Steam power to drive Meccano Models

You can really get things moving with this range of power units by Meccano.

ELECTRIC

1. Power Drive Motor with 6-ratio Gearbox

A super-efficient, precision made motor with low current consumption. Sturdy and light: performance unaffected by external magnetic fields. Copper-graphite brushes have a life of more than 1,000 hours. Works by 6-volt battery or 3 to 12 volts DC power supply.

2. Power Drive 6-ratio Gearbox with universal coupling

Transmission ratios—3:1, 6:1, 12:1, 16:1, 32:1, 60:1. Simple to operate and absolutely foolproof. Gear ratio may be changed while the motor is running. Superbly designed universal coupling enables you to drive the gearbox from any power source, using a 3/16" diameter spindle.

3. Emebo Electric Motor

Works from dry batteries such as, Eveready H30 or Ever Ready type 216 or equivalent. Will drive suitable models built from Outfits up to No. 6.

4. Reversible 4½ v. D.C. Motor

This motor will run from Direct Current of 4½ volts, which may be supplied by a battery such as types 1289, F40 or equivalent. It has a stop, forward and reverse lever. The output speed at shaft is 1000 r.p.m. at 4½ v.

5. E15R Electric Motor

15/20 volt Motor with built-in reversing switch. Will operate through a suitable Transformer, or will give adequate power when run from a 12-volt car battery.

CLOCKWORK

6. Magic Motor

Non-reversible. Specially intended for driving models built from Playset to Outfit No. 5.

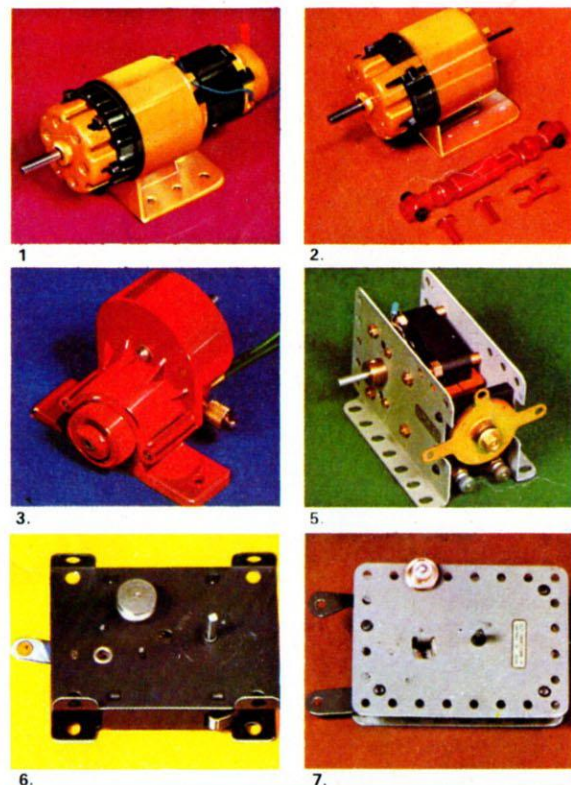
7. No. 1 Clockwork Motor

Suitable for driving many of the larger models. Fitted with reversing mechanism.

STEAM

8. Steam Engine

Gives you super-efficient steam power to drive off gears, chains and pulleys! Works on methylated spirits and water. All-purpose lever operates fly-wheel in forward or reverse directions and also controls running speed. Clean, safe and simple to operate.



Mechanisms Set



Meccano has often been called 'real life engineering in miniature', and the Mechanisms Set proves this is true. It contains all the parts you need—plus an engineering manual with full instructions—for making clutches, differentials, disc brakes, free wheels, and all sorts of reversing mechanisms!



Differential

Gears Set



Realistic working models look better and perform much more efficiently with the right gears. The Meccano Gears set contains lots of parts—plus an engineering manual—for making dozens of drives and gears... twin-drives, intermittent drives, spur gearings, etc.

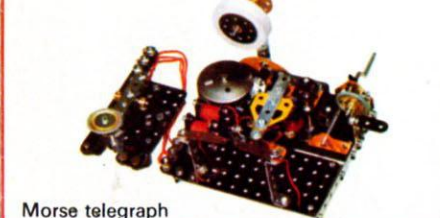


Spur gearing

Elektrikit Set



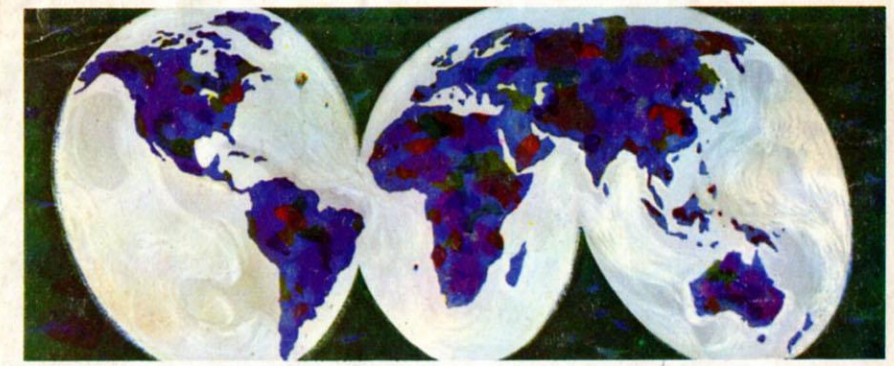
A fascinating introduction to the world of electricity. Instructions for building 37 electrically operated models... simple Electric Bell, real Morse Telegraph, Compass, Transformer, Electric Crane Grab, and many kinds of electric motors.



Morse telegraph

Price List

Recommended Retail Prices 1st May 1969 (inc. Tax)		
Set No.	Each	£ s. d.
0. Playset	15	11
1. Junior	1	5 11
2. Super Junior	1	18 11
3. Highway Vehicles	2	9 11
4. Airport Service	3	15 6
5. Site Engineering	4	19 6
6. Ocean Terminal	6	7 6
7. Mountain Engineer's	8	13 6
8. Breakdown Crew	14	18 6
9. Master Engineer's	27	0 0
10. Meccano Outfit in 4-Drawer Cabinet	73	15 0
MECCANO CONVERSION SETS		
No. 1a Converts No. 1 into No. 2	12	11
No. 2a Converts No. 2 into No. 3	17	11
No. 3a Converts No. 3 into No. 4	1	9 11
No. 4a Converts No. 4 into No. 5	1	15 6
No. 5a Converts No. 5 into No. 6	1	8 6
No. 6a Converts No. 6 into No. 7	2	7 6
No. 7a Converts No. 7 into No. 8	5	19 6
Meccano Gears Set	1	8 6
Meccano Mechanisms Set	2	5 0
Elektrikit Set	4	15 0
MECCANO POWER DRIVE SERIES		
Power Drive Set	6	17 6
Junior Power Drive Set	4	5 0
MECCANO MOTORS, ETC.		
Power Drive Motor with Gearbox	2	15 11
Power Drive Gearbox with universal coupling	1	16 11
Reversible 4½ v. D.C. Motor	1	6 11
EMEBO Electric Motor (Battery operated)	1	9 11
E15R Electric Motor, reversing*	3	9 11
Clockwork Magic Motor, non-reversing (including Key)	11	6
No. 1 Clockwork Motor, reversing (including Key)	1	12 6
Steam Engine	3	15 0
43,901 B Key for No. 1 Clockwork Motor	1	3
43,903 S Key for Magic Motor	1	6
Meccano Super Tool Set (Tax Free)	18	11
*Fitted with T.V. and Radio suppressors		



WORLD-WIDE MECCANO



THE WORLD'S GREATEST CONSTRUCTIONAL TOY

The world's greatest constructional toy

MECCANO is true-to-life engineering in miniature. That's why it provides endless fun and fascinating interest for many thousands of youngsters around the world.

Boys of 7 and 8, and upwards, can handle Meccano... and build with it to make virtually anything they can imagine. Grown-ups build with Meccano too... and not only for pleasure. It's used by real-life engineers... for scale models of bridges, buildings, trucks, cranes and aircraft.

for prototype developments of machines and their working parts, and for laboratory experiments to prove that new ideas will work well in practice.

Just look what you get with Meccano... illustrated instruction leaflets for lots of working models, and all the parts and tools you need to build them. Each part fits together with other parts. The precision engineered metal parts are handsomely finished in tough, enamelled colours or durable plating.

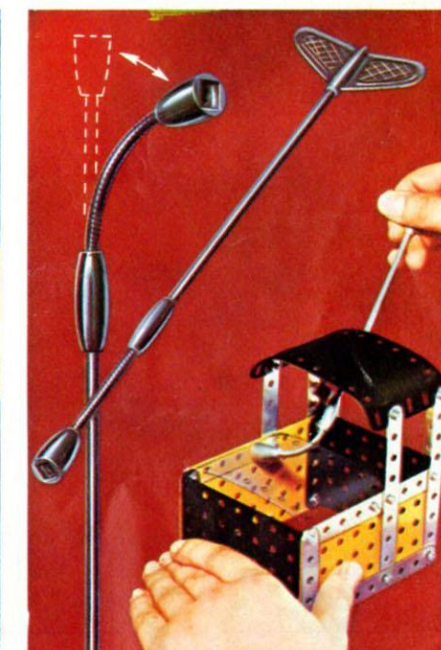
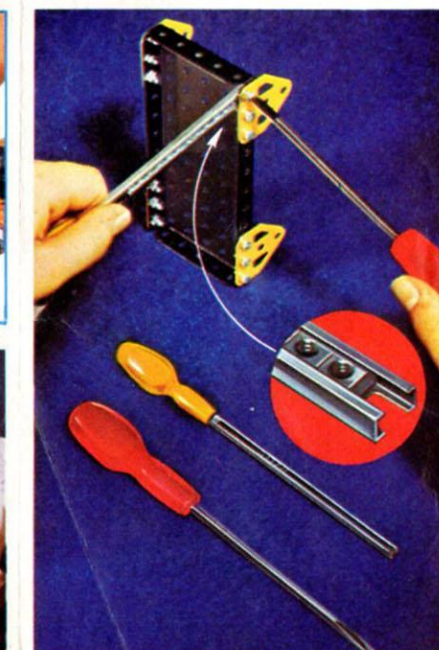
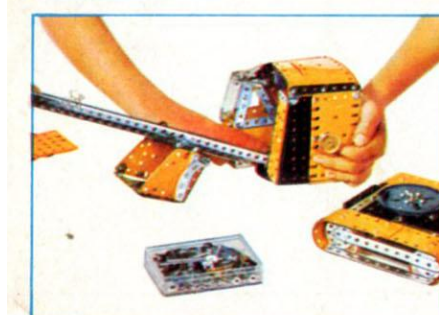
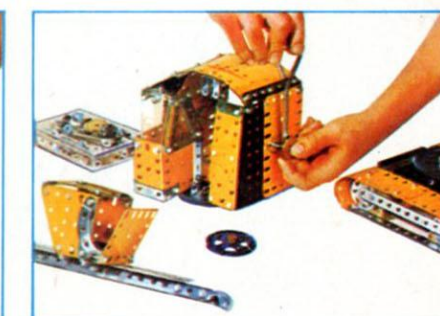
Once you've sampled the thrills of building with Meccano, you'll want to build more and more exciting models. You can build them easily by adding more parts to your set with Meccano Conversion Sets. And there are gears and drives for hand-driven, clockwork, electrical, or steam operated working models.

There's just no limit to the fun and the thrills of making things, when you build with Meccano.

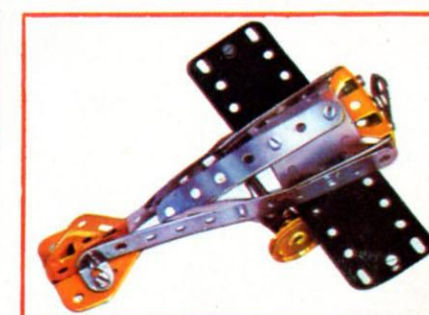
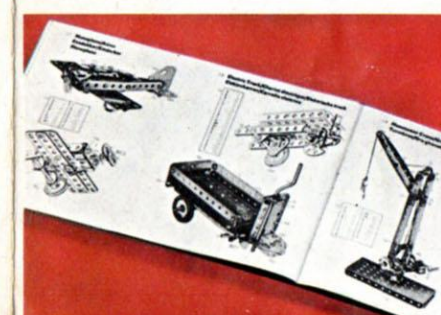


Meccano Super Tool Set

Building Meccano is more fun with the new Super Tool Set. The automatic nut holder speeds up construction, and the long screwdriver and flexible drive spanner reach into the most awkward corners.



Beginners' sets to make lots of working models



Here they are... the handy sets that start youngsters thinking and building, and enjoying constructive fun. Nothing compares with the thrills of building with Meccano... colourful pieces, precision made parts that go together to make almost anything a youngster can imagine. Easy-to-follow instructions show the beginner how to build cranes, trucks, go-karts, roundabouts, helicopters, jeeps, windmills, racing cars, bulldozers and many more working models.

PLAYSET No. 0 with instructions for 19 working models.
JUNIOR SET No. 1 with instructions for 24 working models.
SUPER JUNIOR SET No. 2 with instructions for 40 working models.



Great theme sets build hundreds of true-to-life models!

SET No. 3 HIGHWAY VEHICLES SET Includes instructions for building 56 working models.

SET No. 4 AIRPORT SERVICE SET Includes instructions for building 72 working models.

SET No. 5 SITE ENGINEERING SET Includes instructions for building 88 working models.

SET No. 6 OCEAN TERMINAL SET Includes instructions for building 104 working models.

SET No. 7 MOUNTAIN ENGINEER'S SET Includes instructions for building 120 working models.

SET No. 8 BREAKDOWN CREW SET Includes instructions for building 136 working models.

SET No. 9 MASTER ENGINEER'S SET A wonderful set for the young engineer with special instructions for building lots of super models.

SET No. 10 MECCANO OUTFIT IN 4-DRAWER CABINET The Grand De Luxe set in the Grand De Luxe oak-finished cabinet.

