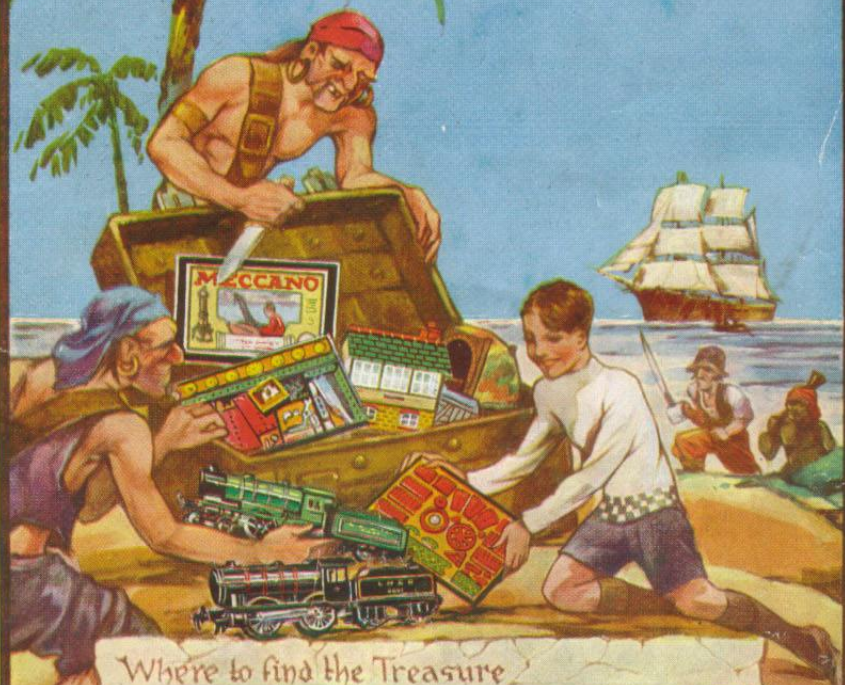


# THE TREASURE CHEST



Where to find the Treasure

THE **T. EATON CO** LIMITED  
CANADA

# MECCANO

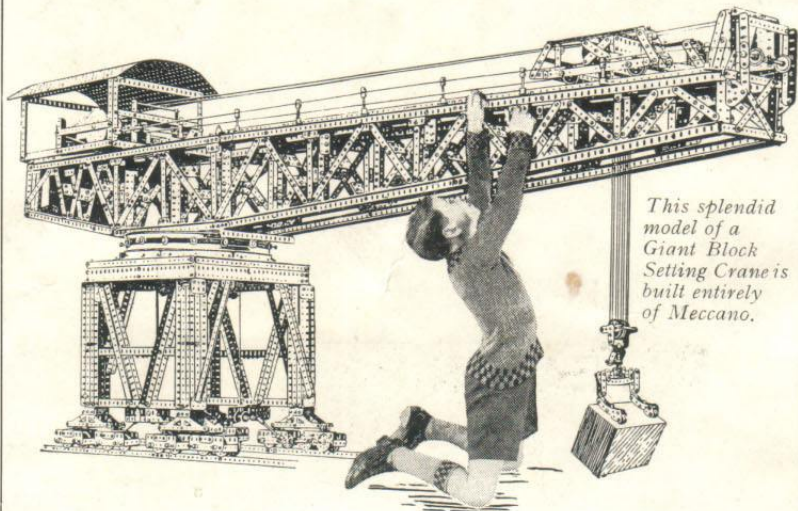
*The Toy that made Engineering famous*

THERE is no hobby in the world to compare with Meccano model-building and there is no other hobby that is so full of interest for boys. Only Meccano is good enough for the boy who prides himself on knowing something about machinery, because Meccano is the only constructional system that is based on exact engineering principles.

Every boy may be a practical engineer before he grows up. With such a wonderful engineering system as Meccano he can design and build Locomotives, Aeroplanes, Cars, Cranes and hundreds of other models—all correct in every detail. Not only can he build innumerable models but, when they are completed and tuned up, he can operate them in exactly the same manner as the corresponding mechanisms are operated in real life.

This year Meccano is better than ever. Hundreds of new models have been added to the Manuals of Instructions, demonstrating still further the wonderful possibilities of the system. For instance the 1929 00-3 Manual shows how to build 663 models. Never before have we shown so many models in a Meccano Manual.

*Meccano makes bigger and better models than any other construction toy—it makes them 100 per cent stronger.*

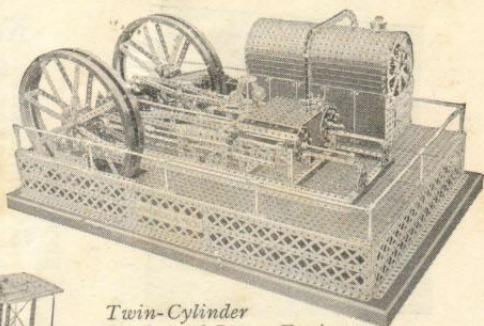
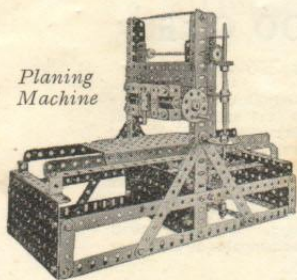


*This splendid model of a Giant Block Setting Crane is built entirely of Meccano.*

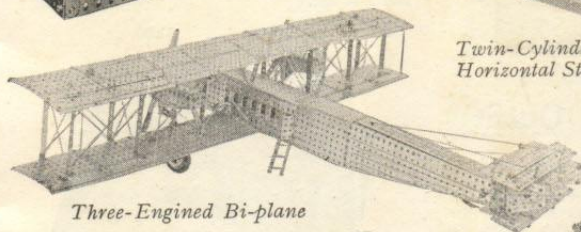
*The Meccano boy of to-day will be the Engineer of to-morrow.*

# A Few Choice Meccano Models

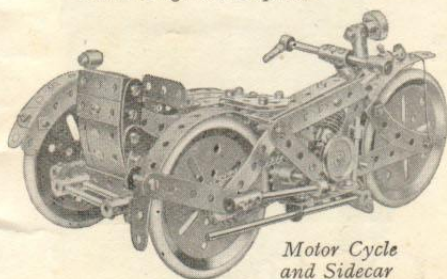
*Planing  
Machine*



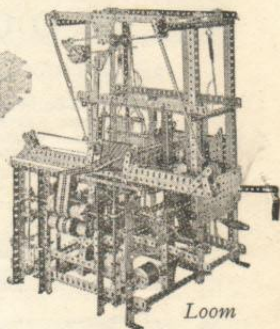
*Twin-Cylinder  
Horizontal Steam Engine*



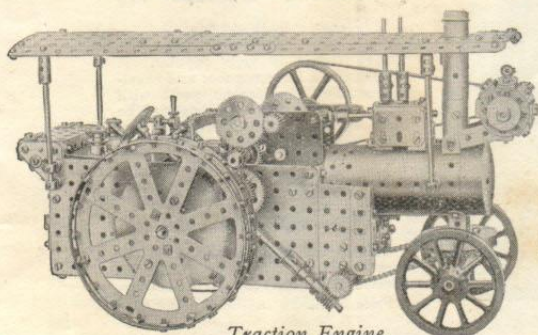
*Three-Engine Bi-plane*



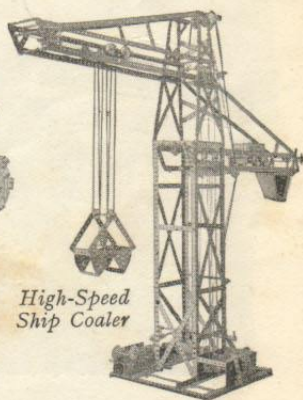
*Motor Cycle  
and Sidecar*



*Loom*



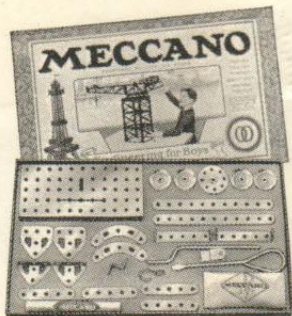
*Traction Engine*



*High-Speed  
Ship Cooler*

THE WORLD'S MOST FAMOUS TOY

# MECCANO



## No. 00 Outfit

*Builds 205 Models*

THE No. 00 Outfit is specially adapted to the requirements of very young boys. A special Manual of Instructions is included in the Outfit showing how 205 interesting models may be constructed. This fine range of models includes Trucks, Barrows, Cranes, Potter's Wheel, Pulley Shafting, Windmill, Well Driller, etc., each capable of providing hours of fun.

Price ... .. \$1.00

## No. 0 Outfit

*Builds 344 Models*

THE No. 0 Outfit contains a splendid assortment of Meccano Strips, Rods, Wheels, Plates, Nuts, Bolts, etc., and a special Manual of Instructions, giving examples of 344 models that may be built with the Outfit. The models illustrated include Lathes, Horizontal Engine, Pulley Block, Drilling Machine, Cranes, Aeroplane and a variety of others. Everything necessary for commencing to build immediately is included.

Price ... .. \$1.50



## No. 1 Outfit

*Builds 564 Models*

THIS Outfit is very popular. It contains a large number and excellent variety of Meccano parts with which a fine range of models may be built. A big fully-illustrated Manual of Instructions is included showing how to build 564 models.

Price ... .. \$3.00

## No. 1x Outfit

This is the same as No. 1 Outfit excepting that it contains a Meccano Electric Motor No. 1 (6 volt) in addition.

Price ... .. \$6.50

NOTE.—Meccano parts may be purchased separately in any quantity. See list on pages 9 to 11.

ENGINEERING PARTS IN MINIATURE

# MECCANO

## No. 2 Outfit

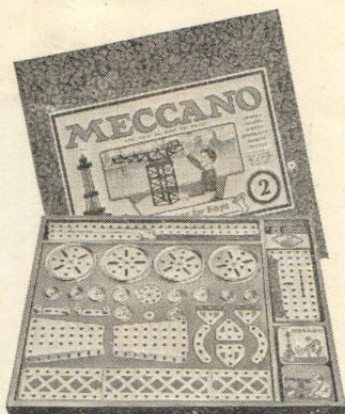
*Builds 612 Models*

THE fortunate possessor of a No. 2 Outfit is able to build up models of a more advanced and interesting type, including large Cranes, Pit Head Gear, Wagons, Roundabouts, Aeroplane, etc. Full Instructions for building 612 Models are included in the Outfit.

Price ... .. \$5.00

## No. 2x Outfit

Contains the same number of parts as the No. 2 Outfit and a Meccano Electric Motor No. 1 (6 volts). Price \$8.50



## No. 3 Outfit

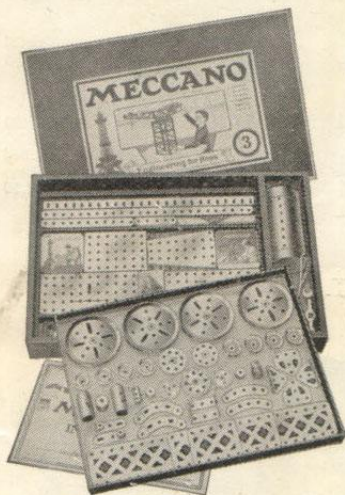
*Builds 663 Models*

THIS excellent Outfit contains many Meccano parts of an advanced engineering type and the Cranes, Bridges, etc. that it builds are of a better type. A Manual showing how to build 663 models, is included.

Price ... .. \$8.00

## No. 3x Outfit

This Outfit is the same as No. 3 Outfit excepting that it contains an Electric Motor No. 1 (6 volt) in addition. Price \$11.50



## No. 4 Outfit

*Builds 720 Models*

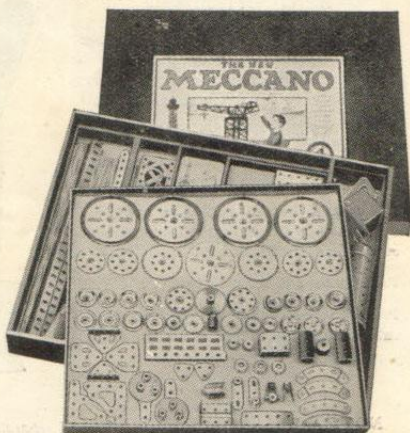
THIS fine Outfit contains a splendid range of Meccano parts with which an excellent variety of models may be built including Cable Railway, Swing Bridge, Inclined Delivery Chute, Wire Rope-making Machine, Bucket Excavator, etc. The Manuals included give examples of 720 models that may be constructed.

Price ... .. \$15.00

## No. 4x Outfit

Similar to No. 4 but contains a Meccano Electric Motor No. 1 (6 volt) in addition.

Price ... .. \$18.50



NOTE.—Meccano parts may be purchased separately in any quantity. See list on pages 9 to 11.

**RICHLY ENAMELLED IN COLORS**

# MECCANO

## No. 5 Outfit

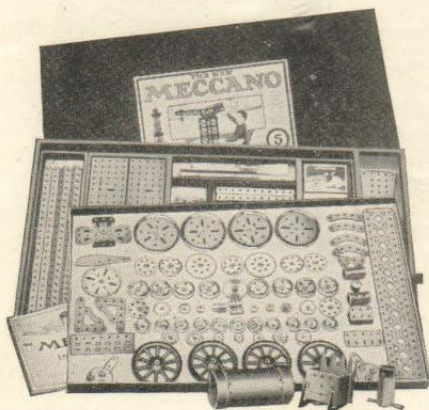
*Builds 764 Models*

THE No. 5 Outfit is supplied either in a stout carton or in a handsome enamelled cabinet. The number of Meccano parts contained in each Outfit is the same. Model-building possibilities are very greatly increased with this Outfit and 764 fine examples of real engineering models are illustrated in the Manuals of Instructions that are included.

This Outfit makes a splendid present, especially for a boy who is interested in mechanics.

Price (packed in strong carton) \$20.00

Price (packed in handsome enamelled cabinet, fitted with lock and key) \$28.50



## No. 6 Outfit

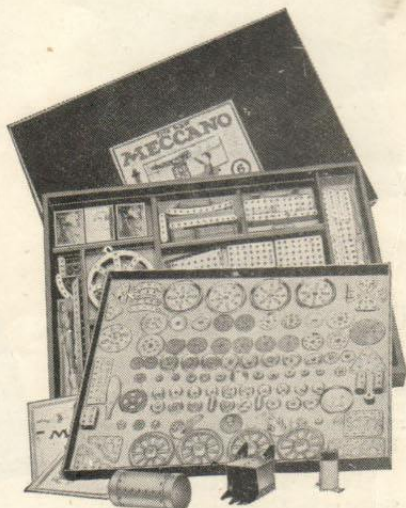
*Builds 811 Models*

THE No. 6 Outfit is supplied either in a stout carton or in a handsome enamelled cabinet with lock and key. With it may be constructed all the models of the earlier Outfits, and many more. The Manuals of Instructions included with the Outfit show how 811 splendid models may be built.

No greater benefit could be conferred upon any boy than to make him a present of such an Outfit as this.

Price (packed in stout carton) ... \$37.50

Price (packed in handsome enamelled cabinet, fitted with lock and key), \$46.50



*NOTE.—Meccano parts may be purchased separately in any quantity. See list on pages 9 to 11.*

NEW PARTS—NEW MODELS—MORE FUN

# MECCANO

## No. 7 Outfit

*Builds 846 Models*



THIS is a complete and comprehensive Outfit, containing all Meccano parts necessary to build each of the Models in all the Manuals of Instructions, including Stiff Leg Derrick, Meccanograph, Eiffel Tower, Transporter Bridge, Forth Bridge, Hydraulic Crane, Steam Shovel, etc., as well as such special models as the High-Speed Ship-Coaler, the Loom (for real weaving) and the Motor Chassis.

An ideal present for a boy interested in mechanics or electricity.

Price (packed in beautifully enamelled cabinet fitted with lock and key) \$122.50

## Accessory Outfits

THESE Outfits connect the main Outfits from No. 00 to No. 7, so that a boy who commences with one of the small Outfits may build up his equipment by easy stages until he is the possessor of a No. 7 Outfit. The following is a complete price list of these Outfits:—

No.	OOA converts a No.	OO Outfit into a No.	O ...	Price
"	0A	"	0	" 1 ... \$1.50
"	1A	"	1	" 2 ... \$2.00
"	2A	"	2	" 3 ... \$3.00
"	3A	"	3	" 4 ... \$7.00
"	4A	"	4	" 5 ... \$5.00
"	5A*	"	5*	" 6* ... \$17.50
"	5A†	"	5†	" 6† ... \$26.00
"	6A†	"	6	" 7 ... \$67.50

\* Carton

† Cabinet



## Special Inventor's Outfit

THIS Outfit is intended for boys who already have Meccano, and who wish to satisfy their inventive inclinations by building models from their own designs. The parts contained include four large Pulley Wheels with Dunlop Tyres, Ball Race, Ship's Funnel, Pulley Blocks, Channel Bearing, Crane Grab, and many others.

Price ... .. \$5.50



NOTE.—Meccano parts may be purchased separately in any quantity. See list on pages 9 to 11.

REAL ENGINEERING FOR BOYS

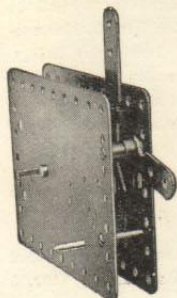
# MECCANO

## Meccano Motors and Accessories

IN order to obtain the fullest possible enjoyment from the Meccano hobby the models should be operated with a Meccano Motor.

All Meccano Motors are strongly made and the utmost care is taken in their manufacture to ensure that they will give every satisfaction to their owners.

### MECCANO CLOCKWORK MOTOR



Clockwork Motor

THIS is a splendid piece of mechanism, simple, powerful, reliable and free from all danger. It is fitted with starting, stopping and reversing levers, and all its movements are fully explained in the instructions that accompany it.

Price ... .. \$2.50

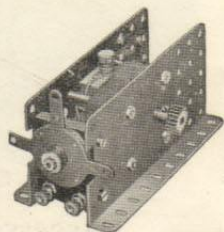
### MECCANO ELECTRIC MOTOR No. 1

(6 volt)

THE 6 volt Motor is specially designed to build into Meccano models. It may be run by a 6 volt accumulator or, by employing the Transformer described below, from the main. Fitted with reversing motion, provided with stopping and starting controls, and the gearing is interchangeable.

Price ... .. \$4.50

NOTE.—The Electric Motor No. 1 will not run satisfactorily from dry cells.



Meccano Electric Motor No. 1

### MECCANO RESISTANCE CONTROLLER



Resistance Controller

BY employing this variable resistance the speed of the Meccano Electric Motor No. 1 (6 volt) may be regulated as desired. The controller is connected in series with the motor and accumulator, or with the motor and transformer, if a transformer is used as the source of power.

Price ... .. \$1.00

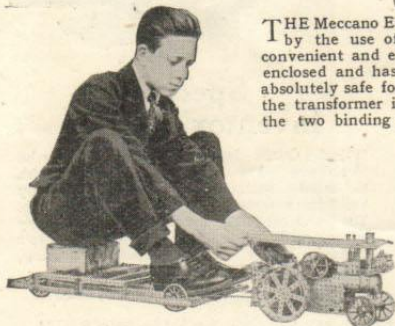
### MECCANO ACCUMULATOR

THIS new and excellent type of accumulator is specially suitable for driving the Meccano Electric Motor No. 1 (6 volts). Price (6 volt, 20 amps.) ... .. \$11.00

### MECCANO TRANSFORMER

(For 110 Volts, 60 cycles A.C. only)

THE Meccano Electric Motor can be operated direct from house current by the use of the Meccano Transformer. This method is very convenient and eliminates battery cost. The transformer is entirely enclosed and has no moving parts to get out of adjustment. It is absolutely safe for any boy to use. Connect the plug furnished with the transformer into the lamp socket, and the wires from the motor to the two binding posts, then turn on the current. Price \$3.00



### THIS MECCANO MODEL

is fitted with the patented Meccano Reversing 6 volt Electric Motor No. 1 and actually pulls a boy weighing 140 lbs. along the ground, with ease.

The reason is that Meccano Parts are strong enough to carry the weight and the Meccano Motor, the most powerful toy motor in the world, is strong enough to pull the load.

RUN YOUR MODELS WITH A MOTOR

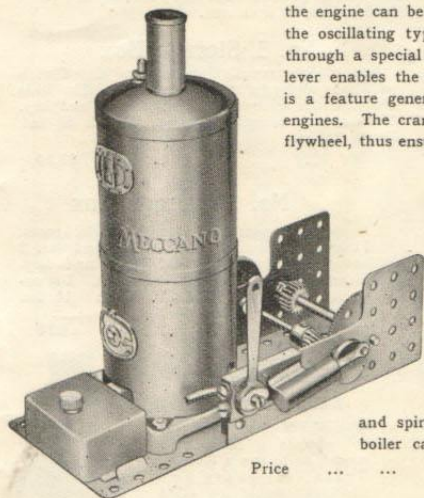


# MECCANO

## Meccano Steam Engine

THIS is a particularly powerful steam unit designed for driving Meccano models. When suitably geared it is capable of developing remarkable power, sufficient to drive any of the models shown in the Manuals. On actual test it has lifted over 56 lbs. The base and side plates of the engine

are drilled with standard Meccano equidistant holes, so that the engine can be built into any model. A single cylinder of the oscillating type is employed, steam being admitted to it through a special reversing block. Operation of the reversing lever enables the crankshaft to run in either direction. This is a feature generally found only on expensive model steam engines. The crankshaft is fitted with a special compensating flywheel, thus ensuring steady running at all speeds.

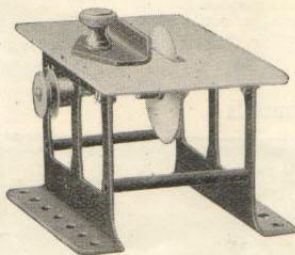


Price ... .. \$7.50

**SAFETY.** The spirit container for the lamp is placed well outside the boiler-casing, eliminating all risk of the spirit becoming heated. The boiler, which is fitted with an efficient spring safety valve, is of heavy gauge brass with all joints brazed. There is therefore no danger of it exploding.

**FINISH.** The cylinder, reversing block, crank disc, and pin, are all machined from solid brass and steel. The base, side plates, and spirit container are finished in color and the boiler casing is of oxidised brass finish.

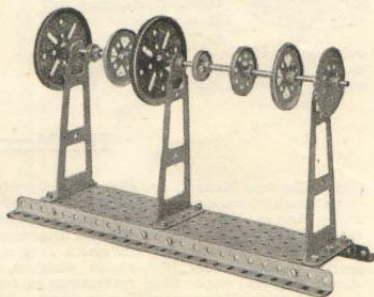
### Saw Benches



THIS model Saw Bench is suitable for use with an Electric or Clockwork Motor, or Steam Engine. By means of the equidistant holes in the base it may be built into a Meccano Model Workshop. Beautifully finished in black enamel and nickel.

Price ... .. \$1.60

### Shafting Standards



THESE Shafting Standards are designed on the Meccano system, with equidistant holes. Our illustration shows how strong and serviceable shafting and pulleys constructed with Meccano parts may be built up on the Large Standard.

Standard only, Large ... Price \$0.35  
 " " Small ... .. \$0.25

RUN YOUR MODELS REALISTICALLY

# MECCANO

## Storage Boxes for Meccano Parts



No. 1

### No. 2 Storage Box

Finished as No. 1 Box and provided with lock and key. The tray that is fitted in this box enables a much larger quantity of parts to be accommodated. Dimensions: Length 14½ ins. Width 11 ins. Depth 3½ ins.

Price ... .. \$5.75

### Meccano Enamel



THE Meccano enamel has been introduced to enable model-builders to convert nickel parts to color or to touch up colored parts should such treatment become necessary through mishandling. It is available in red, grey and green, each

color being identical in shade with the enamels used in the Meccano Factory for spraying Meccano parts.

Price, per tin ... .. \$0.25

### No. 1 Storage Box

Beautifully enamelled in red, and fitted with partitions as shown in the illustration. The lid is hinged and is secured by means of lock and key. Dimensions: Length 15½ ins. Width 8½ ins. Depth 2½ ins.

Price ... .. \$3.00

### No. 3 Storage Box

A perfect receptacle for Meccano parts. Finished similarly to the No. 1 and No. 2 boxes and provided with lock and key. Fitted with two partitioned trays. Dimensions: Length 20 ins. Width 14 ins. Depth 5½ ins.

Price ... .. \$9.50

### Meccano Lubricating Oil

BEFORE commencing to operate a Meccano model, or to run a Hornby Train, all gears and bearings should be oiled thoroughly with Meccano Lubricating Oil. This oil is specially prepared and is of the right consistency for the purpose.

Price, per bottle \$0.15

(For Oilcans see page 23)



## The Meccano Manuals

THE Meccano Manuals are all beautifully printed and the illustrations are in half-tone throughout. Every Meccano boy should possess a copy of each of the 00-3 and 4-7 Manuals, in which a total number of 846 models is illustrated, and also a copy of the Standard Mechanisms Manual, in which a fine selection of real engineering movements that may be built with Meccano are reproduced. These Manuals may be purchased as separate units, or attractively bound in full cloth cover, lettered in gold, if required.

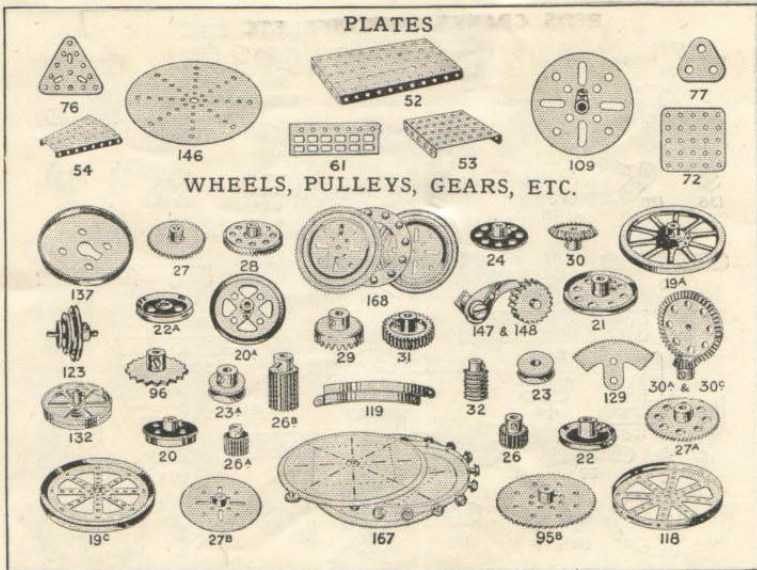
The prices of the full range of Meccano Manuals are as follows:—

No. 0 Manual of Instructions	Price \$0.15
No. 00-3 " "	" \$0.50
No. 4-7 " "	" \$0.50

Standard Mechanisms Manual	Price \$0.35
Bound Manual of Instructions	" \$2.50
Meccano Book of New Models	" \$0.15



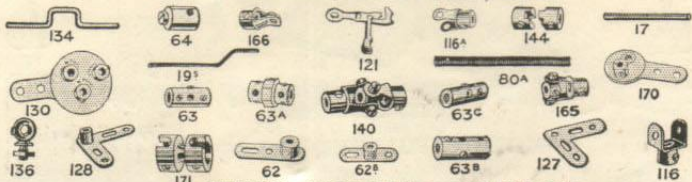
MECCANO BOYS BUILD AND INVENT



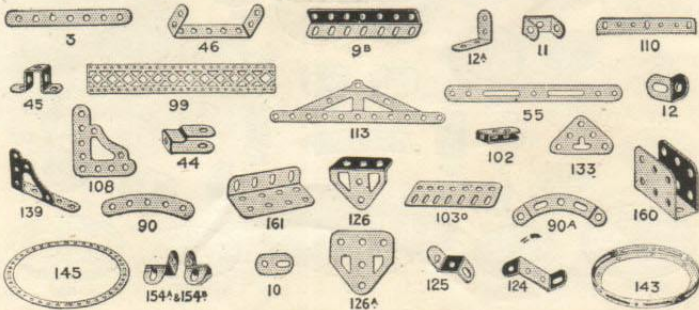
## MECCANO ACCESSORY PARTS

Perforated Strips				Gear Wheels			
No.		\$	No.		\$	No.	
1.	12 $\frac{1}{2}$ "	... $\frac{1}{2}$ doz.	3.	3 $\frac{1}{2}$ "	... $\frac{1}{2}$ doz.	24.	Bush Wheels
1a.	9 $\frac{1}{2}$ "	... ..	4.	3"	... ..	25.	Pinion Wheels, $\frac{1}{2}$ " diam.
1b.	7 $\frac{1}{2}$ "	... ..	5.	2 $\frac{1}{2}$ "	... ..	25a.	" " " " " "
2.	5 $\frac{1}{2}$ "	... ..	6.	2"	... ..	25b.	" " " " " "
2a.	4 $\frac{1}{2}$ "	... ..	6a.	1 $\frac{1}{2}$ "	... ..	26.	" " " " " "
						26a.	" " " " " "
						26b.	" " " " " "
Angle Girders				Gear Wheels			
7.	24 $\frac{1}{2}$ "	...each	9a.	4 $\frac{1}{2}$ "	... $\frac{1}{2}$ doz.	27.	50 teeth to gear with $\frac{1}{2}$ " pinion
7a.	18 $\frac{1}{2}$ "	... ..	9b.	3 $\frac{1}{2}$ "	... ..	27a.	57 " " " " " "
8.	12 $\frac{1}{2}$ "	... $\frac{1}{2}$ doz.	9c.	3"	... ..	27b.	133 " " " " " (3 $\frac{1}{2}$ " diam)
8a.	9 $\frac{1}{2}$ "	... ..	9d.	2 $\frac{1}{2}$ "	... ..	28.	Contrate Wheels, 1 $\frac{1}{2}$ " diam.
8b.	7 $\frac{1}{2}$ "	... ..	9e.	2"	... ..	29.	" " " " " "
9.	5 $\frac{1}{2}$ "	... ..	9f.	1 $\frac{1}{2}$ "	... ..	30.	Bevel Gears, $\frac{7}{8}$ ", 26 teeth
10.						30a.	" " " " " 16 " } Can only be
11.						30c.	" " " " " 48 " } used together,
12.	Angle Brackets, 1 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ "	... ..				31.	Gear Wheels, 1", 38 teeth
12a.	" " " " 1" x 1"	... ..				32.	Worm Wheels
12b.	" " " " 1 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ "	... ..				34.	Spanners
						34b.	Box Spanners
Axle Rods				Spring Clips			
13.	11 $\frac{1}{2}$ "	...each	16a.	2 $\frac{1}{2}$ "	...each	35.	Spring Clips
13a.	8"	... ..	16b.	3"	... ..	36.	Screwdrivers
14.	6 $\frac{1}{2}$ "	... ..	17.	2"	... ..	36a.	" " Extra Long
15.	5"	... ..	18a.	1 $\frac{1}{2}$ "	... ..	36b.	" " Special
15a.	4 $\frac{1}{2}$ "	... ..	18b.	1"	... ..	37.	Nuts and Bolts, 7/32" per box (doz.)
16.	3 $\frac{1}{2}$ "	... ..				37a.	Nuts
19.	Crank Handles, Large	... ..				37b.	Bolts, 7/32"
19s.	" " " " Small	... ..				38.	Washers
19a.	Wheels, 3" diam., with set screws	... ..				40.	Hanks of Cord
20.	Flanged Wheels, 1 $\frac{1}{2}$ " diam.	... ..				41.	Propeller Blades
20b.	" " " "	... ..				43.	Springs
Pulley Wheels				Cranked Bent Strips			
19b.	3" dia. with centre boss and set screw	... ..				44.	Double
19c.	6"	... ..				46.	Angle Strips, 2 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ "
20a.	2"	... ..				47.	" " " " 2 $\frac{1}{2}$ " x 1"
21.	1 $\frac{1}{2}$ "	... ..				47a.	" " " " 3" x 1 $\frac{1}{2}$ "
22.	1"	... ..				48.	" " " " 1 $\frac{1}{2}$ " x 1"
22a.	1 $\frac{1}{2}$ "	... ..				48a.	" " " " 2 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ "
23a.	1"	... without				48b.	" " " " 3" x 1 $\frac{1}{2}$ "
23.	$\frac{1}{2}$ "	... ..					

# RODS, CRANKS, COUPLINGS, ETC.



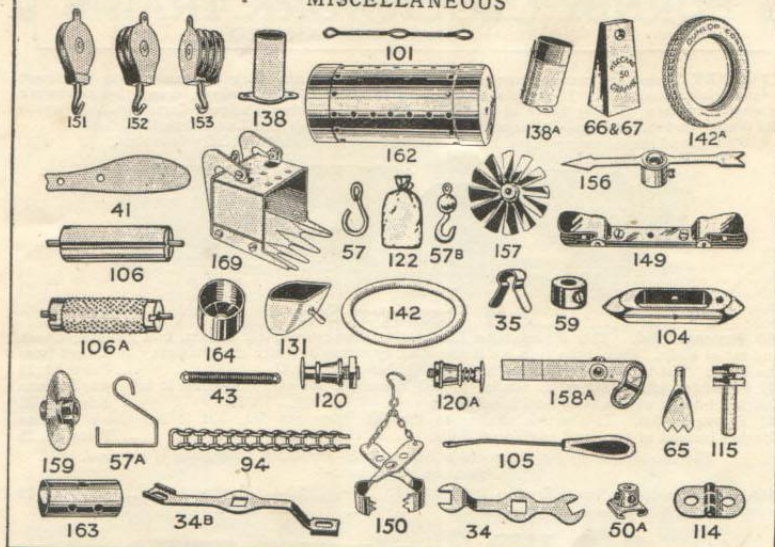
## STRIPS, GIRDERS & BRACKETS



No.	Description	\$
48c.	Double Angle Strips, $4\frac{1}{2}'' \times 1\frac{1}{2}''$ ... $\frac{1}{2}$ doz.	.25
48d.	" " " " " " $5\frac{1}{2}'' \times 1\frac{1}{2}''$ ...	.25
50a.	Eye Pieces, with boss ... each	.10
52.	Perforated Flanged Plates, $5\frac{1}{2}'' \times 2\frac{1}{2}''$ ..	.15
52a.	Flat Plates, $5\frac{1}{2}'' \times 3\frac{1}{2}''$ ..	.15
53.	Perforated Flanged Plates, $3\frac{1}{2}'' \times 2\frac{1}{2}''$ ..	.10
53a.	Flat Plates, $4\frac{1}{2}'' \times 2\frac{1}{2}''$ ..	.10
54.	Perforated Flanged Sector Plates...	.10
55.	" " Strips slotted, $5\frac{1}{2}''$ long ..	.05
55a.	" " " " " " 2" ..	.03
56.	Instruction Manuals, No. 4-7 ..	.50
56a.	" " " " No. 00-3 ..	.50
56b.	" " " " No. 0 ..	.15
56c.	Meccano Standard Mechanisms Manual, ..	.35
56d.	Book of New Models ..	.15
56f.	Bound Manual ..	2.50
57.	Hooks ..	.03
57a.	" Scientific ..	.02
57b.	" Load ..	.10
58.	Spring Cord ... per length ..	.25
58a.	Coupling Screws for Spring Cord ... doz.	.18
59.	Collars with Set Screws ..	.05
61.	Windmill Sails ..	.15
62.	Cranks ..	.10
62a.	Threaded Cranks ..	.10
62b.	Double Arm Cranks ..	.10
63.	Couplings ..	.15
63a.	Octagonal Couplings ..	.20
63b.	Strip Couplings ..	.20
63c.	Threaded Couplings ..	.15
64.	" Bosses ..	.05
65.	Centre Forks ..	.05
66.	Weights, 50 grammes ..	.20
67.	" 25 ..	.15
68.	Wood screws, $\frac{1}{2}''$ .. doz.	.10
69.	Set Screws ..	.10
69a.	Grub Screws, $5/32''$ ..	.10
69b.	" $7/32''$ ..	.15
70.	Flat Plates, $5\frac{1}{2}'' \times 2\frac{1}{2}''$ .. each	.10
72.	" " $2\frac{1}{2}'' \times 2\frac{1}{2}''$ ..	.05
76.	Triangular Plates, $2\frac{1}{2}''$ ..	.05
77.	" " " " 1" ..	.03

Screwed Rods			
No.	Description	\$	\$ 1
78.	$11\frac{1}{2}''$ ... each	.15	.06
79.	8" ...	.12	.07
79a.	6" ...	.10	.04
80.	5" ...	.08	.03
80a.	" Curved Strips, 10" radius ..	.05	.05
89.	5 $\frac{1}{2}$ " Cranked Strips, 10" radius, 4 to circle ..		
89a.	3 " " " " cranked, 1 $\frac{1}{2}$ " radius, 4 to circle ..		.05
90.	2 $\frac{1}{2}$ " " " " " 2 $\frac{1}{2}$ " radius ..		.03
90a.	2 $\frac{1}{2}$ " " " " " cranked, 1 $\frac{1}{2}$ " radius, 4 to circle ..		.03
94.	Sprocket Chain ... per 40" length	.15	.15
95.	" Wheels, 2" diam. ..	.15	.15
95a.	" " 1" " ..	.15	.15
95b.	" " 3" " ..	.20	.20
96.	" " 1" " ..	.10	.10
96a.	" " " " ..	.10	.10
Braced Girders,			
97.	$3\frac{1}{2}'' \times 1\frac{1}{2}''$ doz. ..	.30	.60
97a.	3" " ..	.25	.55
98.	2 $\frac{1}{2}'' \times 1''$ ..	.20	.40
99.	1 $\frac{1}{2}'' \times 1''$ ..	.75	.35
101.	Heads, for looms ..		.25
102.	Single Bent Strips ..		.03
Flat Girders			
103.	$5\frac{1}{2}'' \times 1\frac{1}{2}''$ doz. ..	.25	.60
103a.	9" " ..	.30	.75
103b.	12" " ..	.35	.90
103c.	4" " ..	.20	.50
103d.	3" " ..	.20	.50
103e.	3" $\times 1\frac{1}{2}''$ doz. ..	.15	.45
103f.	2" " ..	.15	.45
103g.	2" " ..	.10	.40
103h.	1 $\frac{1}{2}'' \times 1''$ ..	.10	.40
103k.	7" " ..	.30	.75
104.	Shuttles, for looms ..		1.40
105.	Reed Hooks, for looms ..		.10
106.	Wood Rollers ..		.45
106a.	Sand ..		.55
107.	Tables, for Designing Machines ..		.45
108.	Architraves ..		.05
109.	Face Plates, $2\frac{1}{2}''$ diam. ..		.10
110.	Rack Strips, $3\frac{1}{2}''$ ..		.05
110a.	" $6\frac{1}{2}''$ ..		.10
111.	Bolts, $\frac{3}{4}''$ ..		.03
111a.	" $\frac{1}{2}''$ ..		.01
111c.	" ..		.10

## MISCELLANEOUS



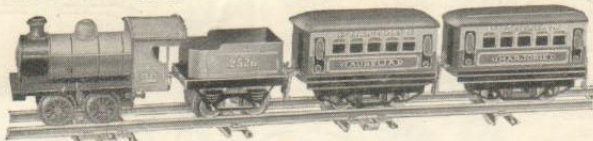
No.		\$	No.		\$
113.	Girder Frames ... ..	each .10	143.	Circular Girders, 5½" diam.	.. .30
114.	Hinges ... ..	per pair .10	144.	Dog Clutches ... ..	.. .15
115.	Threaded Pins ... ..	each .05	145.	Circular Strips, 7" diam. over all	.. .25
116.	Fork Pieces, Large ... ..	.. .10	146.	Plates, 6" ... ..	.. .30
116a.	" Small ... ..	.. .10	147.	Pawls, with pivot bolt and nuts	.. .10
117.	Steel Balls, ½" diam.	doz. .15	147a.	Pawls ... ..	.. .05
118.	Hub Discs, 5½" ... ..	each .40	147b.	Pivot Bolt with 2 nuts	.. .05
119.	Channel Segments (8 to circle, 11½" dia.)	.10	148.	Ratchet Wheels ... ..	.. .15
120.	Buffers ... ..	.. .05	149.	Collecting Shoes for Electric Locos	.. .45
120a.	Spring Buffers ... ..	per pair .20	150.	Crane Grabs ... ..	.. .20
120b.	Compression Springs ... ..	each .03	151.	Pulley Blocks, Single Sheave	.. .20
121.	Train Couplings ... ..	.. .05	152.	" Two ... ..	.. .25
122.	Miniature Loaded Sacks ... ..	.. .05	153.	" Three ... ..	.. .30
123.	Cone Pulleys ... ..	.. .40	154a.	Corner Angle Brackets, ½", right hand	.. .15
124.	Reversed Angle Brackets, 1" ...	doz. .15	154b.	Corner Angle Brackets, ½", left hand	.. .15
125.	" " " " " " " "	.. .10	155.	Rubber Rings, ½" ... ..	each .03
126.	Trunnions ... ..	each .05	156.	Pointers, 2½" over all, with boss	.. .10
126a.	Flat Trunnions ... ..	.. .03	157.	Fans, 2" diam. ... ..	.. .10
127.	Simple Bell Cranks ... ..	.. .05	158a.	Signal Arms, Home ... ..	.. .15
128.	Boss ... ..	.. .10	158b.	" Distant ... ..	.. .15
129.	Rack Segments, 3" diam. ... ..	.. .15	159.	Circular Saws ... ..	.. .30
130.	Eccentrics, Triple Throw ... ..	.. .30	160.	Channel Bearings, 1½" × 1" × ½"	.. .05
131.	Dredger Buckets ... ..	doz. .30	161.	Girder Brackets, 2" × 1" × ½"	..2 for .08
132.	Flywheels, 2½" diam. ... ..	each .60	162.	Boiler, complete with ends	..each .30
133.	Corner Brackets ... ..	.. .05	162a.	" ends ... ..	.. .10
134.	Crank Shafts, 1" stroke ... ..	.. .05	163.	Sleeve Pieces ... ..	pair .15
135.	Theodolite Protractors ... ..	.. .05	164.	Chimney Adaptors ... ..	each .05
136.	Handrail Supports ... ..	.. .10	165.	Swivel Bearings ... ..	.. .15
137.	Wheel Flanges ... ..	.. .10	166.	End ... ..	.. .10
138.	Ship's Funnels ... ..	.. .10	167.	Geared Roller Bearings ... ..	.. 6.00
*138a.	" raked ... ..	.. .25	167a.	Roller Races, geared, 192 teeth	.. 1.35
139.	Flanged Brackets (right) ... ..	.. .05	167b.	Ring Frames for Rollers ... ..	.. .90
139a.	" (left) ... ..	.. .05	167c.	Pinions for Roller Bearings, 16 teeth	.. .30
140.	Universal Couplings ... ..	.. .25	168.	Ball Bearings, 4" diam. ... ..	.. .90
141.	Wire Lines (for suspending clock weights) ... ..	.. .25	168a.	" Races, flanged ... ..	.. .15
142.	Rubber Rings, 3" rim ... ..	.. .10	168b.	" geared ... ..	.. .25
142a.	Dunlop Tyres to fit 2" diam. rim	each .14	168c.	" Casings, complete with balls	.. .55
142b.	" " " 3" " " " "	.. .18	169.	Digger Buckets ... ..	.. .60
142c.	" " " 1" " " " "	.. .09	170.	Eccentrics, ½" throw ... ..	.. .25
142d.	" " " 1½" " " " "	.. .12	171.	Socket Coupling ... ..	.. .25

\* The series includes 25 funnels in the correct designs and colors of leading shipping companies.

# HORNBY CLOCKWORK TRAINS

BRITISH AND GUARANTEED

HORNBY Trains are manufactured by Meccano Limited and they are made from the finest materials obtainable. There is a comprehensive range of Locomotives, driven by clockwork or electric motors; Rolling Stock of all kinds—Passenger Coaches, Pullman Cars, Trucks, Wagons and Vans; and Accessories—Stations, Tunnels, Bridges, Signals and Level Crossings. On this and the following pages the Hornby Series is illustrated and fully described.



## M Passenger Sets

**MO Passenger Set.** This set contains Locomotive (non-reversible), Tender, one Pullman Coach and set of Rails. One of the rails is a Brake Rail, by means of which the train may be braked from the track. The set is richly colored and well finished. Gauge O. ... Price \$2.25

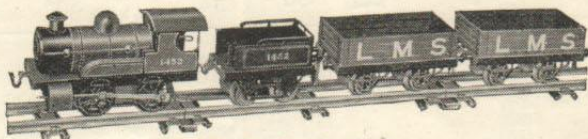
**M1 Passenger Set.** This set is similar to MO Passenger Set excepting that it has two Pullman Coaches instead of one, and additional Rails. ... Price \$2.75

**M2 Passenger Set.** This set is similar to the M1 Passenger Set, but it has three Pullman Coaches instead of two, and additional Rails. ... Price \$3.25

*The components of the above Train Sets may be purchased separately, if required.*

*Prices are as follows:—*

MO-1-2 Locomotive (without Tender) Price \$1.00	MO-1-2 Tender ... ..	\$0.25
M Pullman Coach ... ..	Price \$0.40	



## M 3 Goods Set

THIS set is strongly built with reliable clockwork mechanism. It comprises Locomotive, Tender, two Goods Wagons and set of Rails. A rail fitted with a special braking device is included. Each Locomotive is fitted with brake mechanism. Non-reversible type. Gauge O. Price \$4.75

*The components of the above Train Set may be purchased separately, if required.*

*Prices are as follows:—*

M3 Locomotive (without Tender) ... ..	Price \$2.75	M3 Tender ... ..	\$0.25
		M Wagon ... ..	\$0.60



## No. 0 Passenger Set

EACH set contains Locomotive, Tender, one Passenger Coach, one Guard's Van, and set of Rails. One of the rails is a Brake Rail by means of which the train may be braked from the track. The doors of the coaches open. Gauge O.

In colors to represent the L.M.S., L.N.E., G.W. or Southern Railway Companies' passenger trains. Richly enamelled and highly finished; fitted with brake mechanism. Non-reversing. Price ... .. \$6.75

*The separate prices of the components of No. 0 Passenger Set are given after the No. 0 Goods Set descriptive matter.*

*The separate prices of Hornby Rails, Points and Crossings are specified on pages 27 and 28.*

**Guarantee**

Hornby Trains are tested and their efficiency is guaranteed. A form of guarantee is furnished with each locomotive.

# HORNBY CLOCKWORK TRAINS

BRITISH AND GUARANTEED

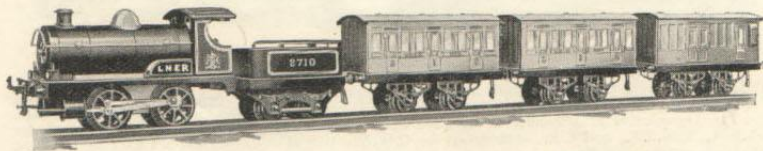


## No. 0 Goods Set

THIS Goods Set is the same as Hornby No. 0 Passenger Set but contains two Wagons in place of Passenger Coaches. The Locomotive and Tender is supplied in the regulation goods traffic colors—black for L.N.E.R., L.M.S.R. and S.R., dark green for G.W.R.—but, if required, the set may be obtained with Locomotive and Tender in passenger train colors—green for L.N.E.R., red for L.M.S.R., and dark green for G.W.R. and S.R. Gauge O. ... .. Price \$5.50

The components of the Hornby No. 0 Train Sets may be purchased separately, if required. Prices are as follows:—

Hornby No. 0 Locomotive (without Tender) ... ..	\$3.25	Hornby No. 0-1 Passenger Coach ... ..	\$0.85
Hornby No. 0-1 Tender ... ..	\$0.70	Hornby Wagon No. 0-1-2 ... ..	\$0.80



## No. 1 Passenger Set

EACH set contains Locomotive, Tender, two Coaches, Guard's Van and set of Rails. One of the rails is a Brake Rail by means of which the train may be braked from the track. The Locomotive is fitted with reversing gear and brake mechanism. In colors to represent the L.M.S., L.N.E., G.W. or Southern Railway Companies' passenger trains. The doors open. Gauge O. Price \$7.50

The separate prices of the components of No. 1 Passenger Set are given after the No. 1 Goods Set descriptive matter.



## No. 1 Goods Set

THIS set is the same as Hornby No. 1 Passenger Set, but contains one Wagon and one Brake Van in place of the Coaches and Guard's Van. The Locomotive and Tender is supplied in the regulation goods traffic colors—black for L.N.E.R., L.M.S.R., and S.R., dark green for G.W.R.—but, if required, the set may be obtained with Locomotive and Tender in passenger train colors—green for L.N.E.R., red for L.M.S.R., and dark green for G.W. and S.R. Gauge O. ... .. Price \$6.25

The components of the Hornby No. 1 Train Sets may be purchased separately, if required. Prices are as follows:—

Hornby No. 1 Locomotive (without Tender) ... ..	\$3.75	Hornby No. 0-1 Passenger Coach... ..	\$0.85
Hornby No. 0-1 Tender ... ..	\$0.70	Guard's Van... ..	\$0.85
Hornby Wagon No. 0-1-2 ... ..	\$0.80	Brake Van ... ..	\$1.20

The separate prices of Hornby Rails, Points and Crossings are specified on pages 27 and 28.

**Guarantee**

Hornby Trains are tested and their efficiency is guaranteed.  
A form of guarantee is furnished with each locomotive.

# HORNBY CLOCKWORK TRAINS

BRITISH AND GUARANTEED



## No. 2 Pullman Set

THIS handsome Clockwork Train is most realistic in appearance. It is beautifully designed and finished and is hauled by a fine 4-4-0 Locomotive of great power and speed. Each set includes Locomotive, Tender, No. 2-3 Pullman Coach, No. 2-3 Pullman Coach Composite and set of rails. The rails include one Brake Rail by means of which the train may be both braked and reversed from the track. The Locomotive is fitted with reversing gear and brake mechanism. Gauge O.

Price ... .. \$15.75

*The separate prices of the components of No. 2 Pullman Set are given after the No. 2 Goods Set descriptive matter.*



## No. 2 Goods Set

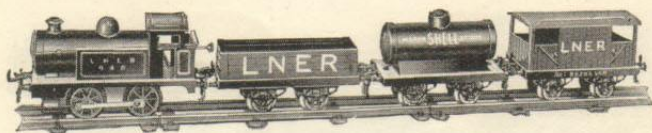
THE Locomotive, Tender and Rails in this set are similar to those in the No. 2 Pullman Set, but two Wagons and a Brake Van take the place of the Pullman Coach and Pullman Coach Composite.

The Locomotive and Tender is supplied in the regulation goods traffic colors—black for L.N.E.R., L.M.S.R., and S.R., dark green for G.W.R.—but, if required, the set may be obtained with Locomotive and Tender in passenger train colors—green for L.N.E.R., red for L.M.S.R., and dark green for G.W.R. and S.R. Gauge O. ... .. Price \$9.75

*The components of the Hornby No. 2 Train Sets may be purchased separately, if required.*

*The prices are as follows:—*

Hornby No. 2 Locomotive (without Tender) ... ..	Price \$6.00	Hornby No. 2-3 Pullman Coach	Price \$3.75
Hornby No. 2 Tender ... ..	" \$0.85	Hornby No. 2-3 Pullman Coach Composite ... ..	" \$3.75
Brake Van ... ..	" \$1.20	Hornby Wagon No. 0-1-2 ... ..	" \$0.80



## No. 1 Tank Good Set

THIS set contains a Hornby No. 1 Tank Locomotive, Hornby Wagon, Petrol Tank Wagon, Brake Van and set of Rails. One of the rails is a Brake Rail by means of which the train may be braked from the track.

The Locomotive is supplied in the regulation goods traffic colors—black for L.N.E.R., L.M.S.R., and S.R., dark green for G.W.R.—but, if required, the set may be obtained with Locomotive in passenger train colors—green for L.N.E.R., red for L.M.S.R., and dark green for G.W.R. and S.R. Gauge O. ... .. Price \$7.50

*The components of the Hornby No. 1 Tank Goods Set may be purchased separately, if required.*

*The prices are as follows:—*

Hornby No. 1 Tank Locomotive	Price \$3.50	Hornby Wagon No. 0-1-2	Price \$0.80
Petrol Tank Wagon ... ..	" \$0.85	Brake Van ... ..	" \$1.20

*The separate prices of Hornby Rails, Points and Crossings are specified on page 27 and 28.*

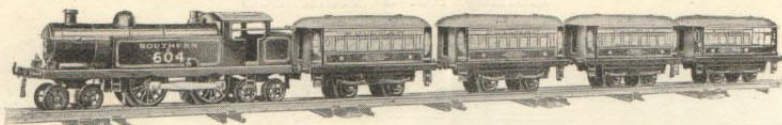
**Guarantee**

Hornby Trains are tested and their efficiency is guaranteed.  
A form of guarantee is furnished with each locomotive.



# HORNBY CLOCKWORK TRAINS

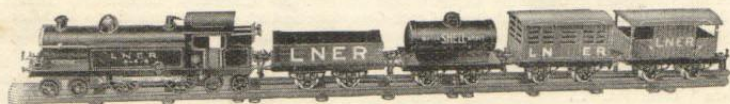
BRITISH AND GUARANTEED



## No. 2 Tank Passenger Set

THIS set contains a Hornby No. 2 Tank Locomotive, three No. 1 Pullman Coaches, one No. 1 Pullman Coach Composite and set of Rails. It is supplied in colors to represent the L.M.S., L.N.E., G.W. or Southern Railway Companies' passenger trains. Gauge O. ... Price \$12.50

*The separate prices of the components of No. 2 Tank Passenger Set are given after the No. 2 Tank Goods Set descriptive matter.*



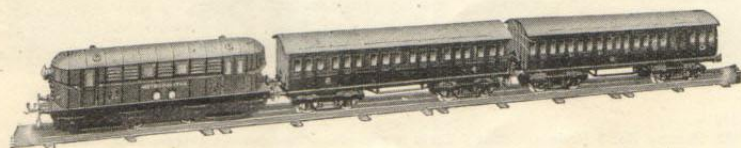
## No. 2 Tank Goods Set

THIS set contains a Hornby No. 2 Tank Locomotive, Hornby Wagon, Petrol Tank Wagon, No. 1 Cattle Truck, Brake Van and set of Rails.

The Locomotive is supplied in the regulation goods traffic colors—black for L.N.E.R., L.M.S.R., and S.R., dark green for G.W.R.—but, if required, the set may be obtained with Locomotive in passenger train colors—green for L.N.E.R., red for L.M.S.R., and dark green for G.W.R. and S.R. Gauge O. ... Price \$12.50

*The components of Hornby No. 2 Tank Passenger Set and Hornby No. 2 Tank Goods Set may be purchased separately, if required. The prices are as follows:—*

Hornby No. 2 Tank Locomotive	Price \$7.00	Petrol Tank Wagon	... .. Price \$0.85
No. 1 Pullman Coach	... .. \$1.00	No. 1 Cattle Truck	... .. " \$1.00
No. 1 Pullman Coach Composite	.. .. \$1.00	Brake Van	... .. " \$1.20



## Hornby Metropolitan Train Sets

THE Locomotives and Coaches in these Train Sets are modelled on the electric passenger rolling stock of the Metropolitan Railway. They are distinctive in design, perfect in workmanship, and beautifully enamelled in representative colors. Two different types are available—Clockwork and 4-volt Electric.

*Particulars of the Hornby Metropolitan Electric Train Sets are given on page 17.*

**HORNBY CLOCKWORK METROPOLITAN TRAIN SET C** contains a powerful Clockwork Locomotive, two Coaches, and set of Rails including a Brake and Reverse Rail. Gauge O. Price \$16.50  
 Metropolitan Clockwork Locomotive C Price \$7.00      Metropolitan Coach C ... .. 3.75

*The separate prices of Hornby Rails, Points and Crossings are specified on pages 27 and 28.*

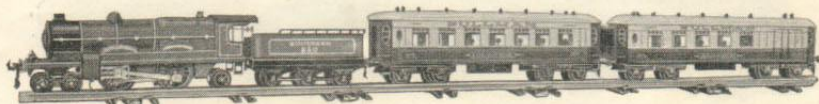
**Guarantee**

Hornby Trains are tested and their efficiency is guaranteed.  
 A form of guarantee is furnished with each locomotive.

# HORNBY CLOCKWORK TRAINS

BRITISH AND GUARANTEED

## Hornby No. 3 Train Sets



No. 3C S.R. "Continental Express."

THE Hornby No. 3 Train Sets are distinctive in design and beautifully enamelled in correct colors. Each Locomotive carries the name of a famous British Locomotive on the front wheel guards. In each case the set is available with either Clockwork or Electric Locomotive. The Clockwork sets are described below while full details of the Electric sets are given on the following page. Gauge O.

**HORNBY No. 3C G.W. "CORNISH RIVIERA."** The Locomotive is enamelled in Great Western colors and is named "Caerphilly Castle." The set contains Clockwork Locomotive, Tender, No. 2-3 Pullman Coach, No. 2-3 Pullman Coach Composite and set of Rails, including a Brake and Reverse Rail. ... .. Price \$19.00

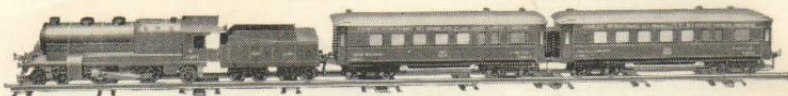
**HORNBY No. 3C L.M.S. "ROYAL SCOT."** The Locomotive is enamelled in dark red and is named "Royal Scot." The contents of this set are as those of the No. 3C G.W. "Cornish Riviera" Train Set. ... .. Price \$19.00

**HORNBY No. 3C L.N.E.R. "FLYING SCOTSMAN."** The Locomotive is enamelled in green and is named "Flying Scotsman." The contents of the set are as those of the No. 3C G.W. "Cornish Riviera" Train Set. ... .. Price \$19.00

**HORNBY No. 3C S.R. "CONTINENTAL EXPRESS."** The Locomotive is enamelled in dark green and is named "Lord Nelson." The contents of this set are similar to those of the No. 3C G.W. "Cornish Riviera" Train Set. ... .. Price \$19.00

The components of the No. 3 Clockwork Train Sets, detailed above, may be purchased separately, if required. The prices are as follows:—

Hornby No. 3 Clockwork Locomotive, L.M.S., L.N.E.R., G.W. or S.R. (without tender) ... ..	Price \$8.50	Hornby No. 3 Tender ... ..	Price \$0.85
		Hornby No. 2-3 Pullman Coach ... ..	\$3.75
		Hornby No. 2-3 Pullman Coach Composite ... ..	\$3.75



Hornby No. 3C Riviera "Blue" Train

THE Hornby No. 3 Riviera "Blue" Train is a model of the famous express that runs regularly between Calais and the Mediterranean Coast. It is available with either Clockwork or Electric Locomotive (4-volt). Details of the Electric Train Set are given on the next page. The Clockwork Train Set is described below. Gauge O.

**HORNBY No. 3C RIVIERA "BLUE" TRAIN.** The Locomotive, Tender, and Coaches of this set are enamelled in the correct colors of the Riviera "Blue" Train. The set contains Clockwork Locomotive, Tender, Riviera "Blue" Dining Car, Riviera "Blue" Sleeping Car and set of rails including a Brake and Reverse Rail. ... .. Price \$20.00

The components of the No. 3 Clockwork Riviera "Blue" Train Set may be purchased separately, if required. The prices are as follows:—

Hornby No. 3C Locomotive, Riviera "Blue" (without Tender) ... ..	Price \$8.50
Hornby No. 3 Tender, Riviera "Blue" ... ..	Price \$1.35
Hornby Riviera "Blue" Dining Car ... ..	Price \$4.00
Hornby Riviera "Blue" Sleeping Car ... ..	Price \$4.00

The separate prices of Hornby Rails, Points and Crossings are specified on pages 27 and 28.

**Guarantee**

Hornby Trains are tested and their efficiency is guaranteed. A form of guarantee is furnished with each locomotive.

# HORNBY ELECTRIC TRAINS

BRITISH AND GUARANTEED

THE Hornby Electric Trains are perfect in design, operation, workmanship and efficiency. They have withstood the severest tests and each one carries the Hornby Guarantee.

All the Train Sets in the Hornby No.3 Series and the Metropolitan Train Set are available with 4-volt Electric Locomotives and each may be operated from a 4 volt Accumulator, or from a Transformer connected to the main (alternating current only). Full details of all these Electric Train Sets are given below.

Hornby Metropolitan Electric Train Set



## Hornby No. 3 Electric Train Sets

**HORNBY No. 3E G.W. "CORNISH RIVIERA."** The Locomotive is enamelled in Great Western colors and is named "Caerphilly Castle." The set contains an Electric Locomotive (4-volt), Tender, No. 2-3 Pullman Coach, No. 2-3 Pullman Coach Composite, Resistance Controller and set of Electrical Rails. The electric motor in the Locomotive is operated from a 4-volt Accumulator or from a transformer connected to the main (alternating current only). ... Price \$23.00

**HORNBY No. 3E L.M.S. "ROYAL SCOT."** The Locomotive is enamelled in dark red and is named "Royal Scot." The contents of the set are similar to those of the No. 3E G.W. "Cornish Riviera" Train Set. ... Price \$23.00

**HORNBY No. 3E L.N.E.R. "FLYING SCOTSMAN."** The Locomotive is enamelled in green and is named "Flying Scotsman." The contents of the set are similar to those of the No. 3E G.W. "Cornish Riviera" Train Set. ... Price \$23.00

**HORNBY No. 3E S.R. "CONTINENTAL EXPRESS."** The Locomotive is enamelled in dark green and is named "Lord Nelson." The contents of the set are similar to those of the No. 3E G.W. "Cornish Riviera" Train Set. ... Price \$23.00

The components of the Hornby No. 3 Electric Train Sets may be purchased separately, if required. The prices are as follows:—

Hornby No. 3E Locomotive, L.M.S., L.N.E.R., G.W., or S.R. (without Tender) ...	Price \$10.50
Hornby No. 2-3 Pullman Coach ...	Price \$3.75
Hornby No. 3 Tender ...	" \$0.85
Resistance Controller ...	" \$1.00
Hornby No. 2-3 Pullman Coach Composite ...	Price \$3.75

**HORNBY No. 3E RIVIERA "BLUE" TRAIN.** The Locomotive, Tender and Coaches of this set are enamelled in the correct colors of the Riviera "Blue" Train. The set contains an Electric Locomotive (4-volt), Tender, Riviera "Blue" Dining Car, Riviera "Blue" Sleeping Car, Resistance Controller and set of electrical rails. The electric motor in the Locomotive is operated from a 4-volt accumulator or from a transformer connected to the main (alternating current only). Price \$24.00

The components of the Hornby No. 3 Electric Riviera "Blue" Train may be purchased separately, if required. The prices are as follows:—

Hornby No. 3E Locomotive, Riviera "Blue" (without Tender) ...	Price \$10.50
" No. 3 Tender, Riviera "Blue" ...	" \$1.35
" Riviera "Blue" Dining Car ...	" \$4.00
" Riviera "Blue" Sleeping Car ...	" \$4.00
" Resistance Controller ...	" \$1.00

## Hornby Metropolitan Train Set (Electric)

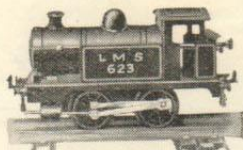
**HORNBY METROPOLITAN TRAIN SET L.V.** contains Electric Locomotive, two Coaches, Resistance Controller, and Electrical Rails. The Locomotive is fitted with an electric motor which is operated from a 4-volt Accumulator or from a transformer connected to the main (alternating current only). Gauge O. ... Price \$26.00

Metropolitan Electric Locomotive L.V. ...	Price \$12.50	Metropolitan Coach L.V. ...	" \$5.50
		Resistance Controller ...	" \$1.00

The separate prices of Hornby Rails, Points and Crossings are specified on pages 27 and 28.

BRITISH AND GUARANTEED

# HORNBY TANK LOCOMOTIVES



## HORNBY No. 1 TANK LOCOMOTIVE

A strong and durable Locomotive capable of any amount of hard work; richly enamelled and highly finished; fitted with brake mechanism and reversing gear.

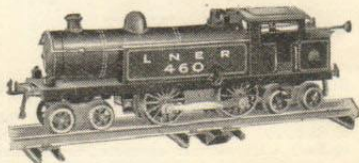
Gauge O, in colors to represent L.M.S.R., L.N.E.R., S.R., or G.W.R. Locomotives ... .. Price \$3.50

## HORNBY No. 2 TANK LOCOMOTIVE

THE Hornby No. 2 Tank Locomotive is a powerful model, embodying all the splendid characteristics of the Hornby Train. It is 10½-in. in length and is fitted at both ends with a four-wheeled bogie. Gauge O.

Beautifully finished in colors to represent L.M.S.R., L.N.E.R., S.R., or G.W.R. Locomotives. Fitted with reversing gear and brake mechanism.

Price ... .. \$7.00

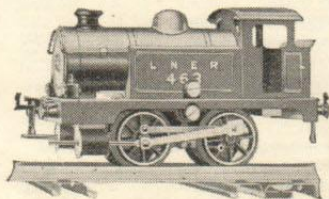


# HORNBY NO 1 ELECTRIC TANK LOCOMOTIVE

## 6-VOLT PERMANENT MAGNET TYPE

THIS new Electric Locomotive is perfect in design and workmanship. It is of the Permanent Magnet type and is operated from a 6-volt accumulator. The unique feature is that it can be stopped, re-started, reversed and the speed varied by the operation of a lever at the side of the track.

It is supplied with a terminal connecting plate, speed and reverse control switch and 3 ft. of flex, and it is available in the colors of the L.M.S., L.N.E., G.W. and Southern Railway Locomotives ... .. Price \$10.00



## MECCANO ACCUMULATOR 6-VOLT, 20 AMP.

THE Meccano Accumulator is of substantial construction and is specially recommended for running the Hornby 6-volt Electric Tank Locomotive, described above ... .. Price \$11.00



## TRANSFORMER

(For 110 Volts, 60 cycles A.C. only)

HORNBY Electric Trains can be operated direct from house current by the use of this transformer. This method is very convenient and eliminates battery cost. The transformer is entirely enclosed and has no moving parts to get out of adjustment. It is absolutely safe for any boy to use.

Price ... .. \$3.00

*The separate prices of Hornby Rails, Points and Crossings are given on pages 27 and 28.*

## HORNBY CONTROL SYSTEM

THE Hornby Control System enables you to manipulate Signals and Points in conjunction with the running of your trains by the operation of levers in your Signal Cabin No. 2. The installation of the system is quite a simple matter, no phase of it presenting any difficulty whatever. Large or small railway layouts may be operated with equal ease. Ask your dealer for full details of this splendid system.

**Guarantee**

Hornby Trains are tested and their efficiency is guaranteed. A form of guarantee is furnished with each locomotive.

# HORNBY RAIL FORMATIONS

THERE is practically no limit to the number of interesting combinations to which Hornby Rails, Points and Crossings lend themselves. Every miniature railway enthusiast knows how a carefully planned track adds realism to the game and how greatly it enhances the fun to be obtained. Below we illustrate six rail layouts which will give an idea of the combinations that are possible.

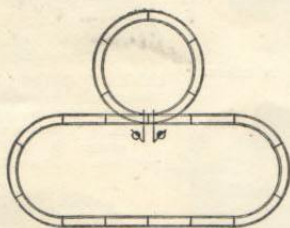


Fig. 1.

**1-ft. Radius** (as illustrated): 10 Curves, 6 Straights, R.H. Points, L.H. Points  
**2-ft. Radius:** 22 Curves, 14 Straights, R.H. Points, L.H. Points.

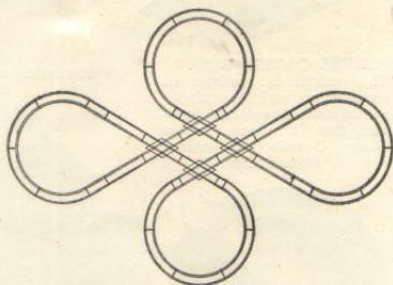


Fig. 2.

**1-ft. Radius** (as illustrated): 18 Curves, 4 Straights, 4  $\frac{1}{2}$ -Straights, 4  $\frac{1}{4}$ -Straights, 4 Acute-angle Crossings.  
**2-ft. Radius:** 36 Curves, 20 Straights, 4 Acute-angle Crossings.

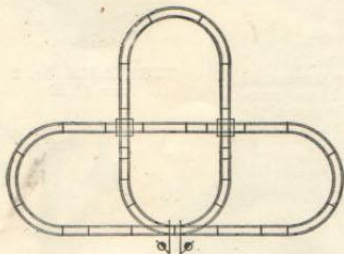


Fig. 3.

**1-ft. Radius** (as illustrated): 9 Curves, 2  $\frac{1}{2}$ -Curves, 7 Straights, 5  $\frac{1}{4}$ -Straights, 2  $\frac{1}{2}$ -Straights, 2 Right-angle Crossings, R.H. Points, L.H. Points.  
**2-ft. Radius:** 22 Curves, 18 Straights, 2 Right-angle Crossings, R.H. Points, L.H. Points.

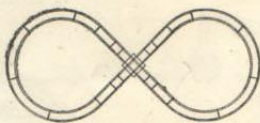


Fig. 4.

**1-ft. Radius** (as illustrated): 8 Curves, 2  $\frac{1}{2}$ -Curves, 4  $\frac{1}{4}$ -Straights, 4  $\frac{1}{2}$ -Straights, Right-angle Crossings.  
**2-ft. Radius:** 18 Curves, 8 Straights, Right-angle Crossing.

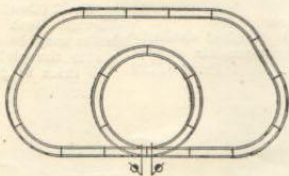


Fig. 5.

**1-ft. Radius** (as illustrated): 10 Curves, 7 Straights, R.H. Points, L.H. Points.  
**2-ft. Radius:** 22 Curves, 16 Straights, R.H. Points, L.H. Points.

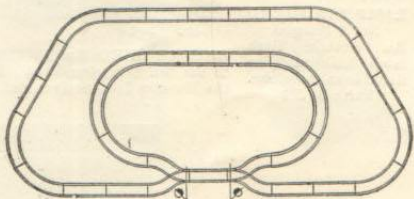


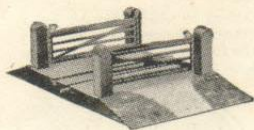
Fig. 6.

**1-ft. Radius** (as illustrated): 12 Curves, 17 Straights, R.H. Parallel Points, L.H. Parallel Points.  
**2-ft. Radius:** 24 Curves, 22 Straights, R.H. Parallel Points, L.H. Parallel Points.

**Guarantee**

Hornby Trains are tested and their efficiency is guaranteed.  
 A form of guarantee is furnished with each locomotive.

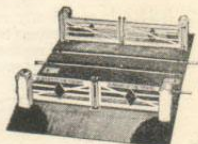
# HORNBY ACCESSORIES



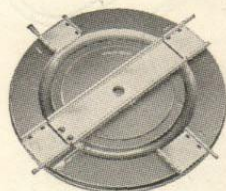
**LEVEL CROSSING No. 1**  
This model is realistic in appearance and beautifully enamelled in colors. Suitable for a single track. Gauge O rails in position. Price \$1.25



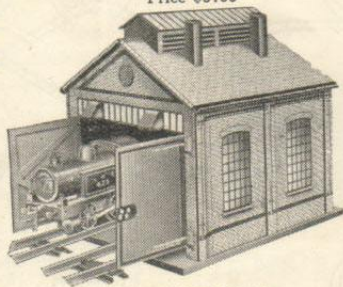
**TUNNEL**  
Realistic and finished in colors. Price \$3.35



**LEVEL CROSSING No. 2**  
Beautifully designed and colored. Measures  $13\frac{1}{2} \times 10\frac{1}{2}$  in. with double track of gauge O rails in position. Price \$2.50



**TURNTABLE No. 1**  
Price \$0.90



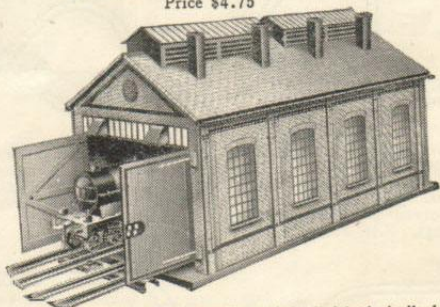
**ENGINE SHED No. 1**  
This Shed is beautifully finished in realistic colors. It will accommodate Locomotives and Tenders of the M Series, No. O and No. 1 types. Price \$4.75



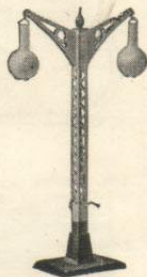
**TURNTABLE No. 2**  
Price \$1.50



**LAMP STANDARD No. 1 (Single)**  
An electric flash lamp bulb may be fitted into the globe. Price \$1.20



**ENGINE SHED No. 2** This Shed is finished similarly to the No. 1 Engine Shed. It will accommodate any of the Hornby Locomotives and Tenders. Price \$7.50



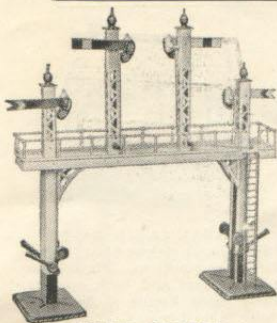
**LAMP STANDARD No. 2 (Double)**  
Electric flash lamp bulbs may be fitted into the globes. Price \$1.50



**RAILWAY STATION No. 2.** Excellent model, beautifully designed. Built up with three detachable sections. Length 2 ft. 9 in., breadth 6 in., height 7 in. Price \$4.25

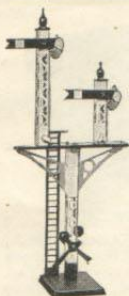
**BRITISH AND GUARANTEED**

# HORNBY ACCESSORIES



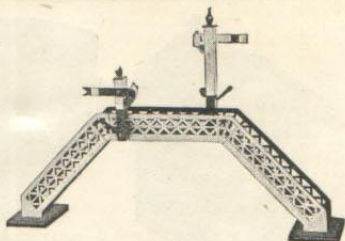
**SIGNAL GANTRY**

This realistic model is richly finished in colors. The signalling mechanisms operate perfectly. Price \$3.50



**JUNCTION SIGNAL**

"Home" or "Distant" Signal arms operated by levers at base. A very realistic model. Price \$2.25



**No. 1 FOOTBRIDGE, WITHOUT SIGNALS.** Price \$1.65

**No. 2 FOOTBRIDGE, COMPLETE WITH DETACHABLE SIGNALS** (as illustrated). Price \$2.50  
Signals only. Price per pair, \$1.00



**SIGNAL No. 1**

Price

per pair \$1.00

**SIGNAL No. 2**

(as illustrated)

"Home" or

"Distant"

Price each \$1.00



**RAILWAY STATION No. 1.** Length 16½ in., width 6 in., Height, 6 in. This Station is a well-made model, richly finished in bright colors. By placing one or more of these Stations at intervals along the track, and using the Railway Station No. 2 as the main terminus, a very realistic effect is given to a miniature railway layout. ... .. Price \$2.50



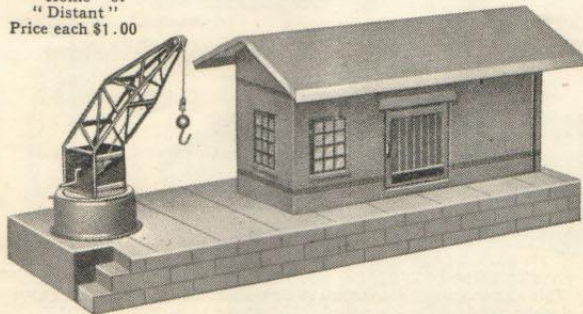
**DOUBLE ARM SIGNAL No. 1**

Price, per pr. \$1.25

**DOUBLE ARM SIGNAL No. 2**

(as illustrated)

Price \$1.00 each



**GOODS PLATFORM.** Length 16½ in., height 6½ in., width 6 in. The crane at the end of the platform revolves on its base and is fitted with crank and ratchet mechanism for controlling the load. Price \$4.00



**BUFFER STOPS**

No. 1 (Spring).

Price \$0.40

## BRITISH AND GUARANTEED

# HORNBY ACCESSORIES



**SIGNAL CABIN No. 1**  
Finished in colors.  
Price \$1.00



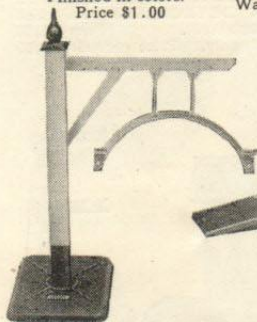
## TARPAULIN SHEET

Strongly made. Lettered L.M.S., G.W., N.E. or S.R. The above illustration shows one of the Tarpaulin Sheets fitted to a Hornby Wagon. Price \$0.15

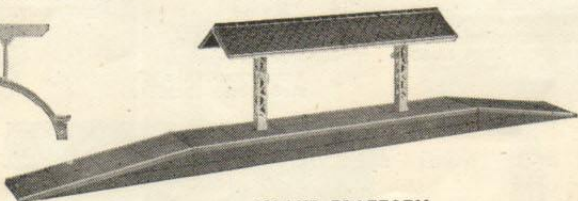


## SIGNAL CABIN No. 2

Dimensions: Height 6½ in., width 3½ in., length 6½ in. Finished in colors. Roof and back open to allow Lever Frame to be fitted inside cabin if desired. Price \$2.20



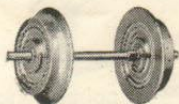
**LOADING GAUGE** Price \$0.75



## ISLAND PLATFORM

Length 32½ in., height 6½ in., width 3 in. The ramps at either end are detachable, and if desired the platform may be connected to the main station. ... Price \$3.00

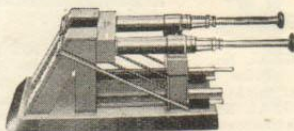
The ramps may be purchased separately. Price, per pair, \$0.60



**MANSELL WHEELS**  
These wheels are die-cast and are correctly designed. They may be fitted to Hornby Wagons, Vans, Coaches, etc., if desired. Price, per pair, \$0.10

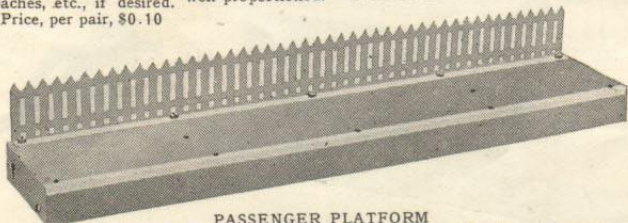


**LATTICE GIRDER BRIDGE**  
Constructional type. Strong and well proportioned. Price \$4.00



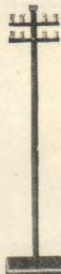
## BUFFER STOPS No. 2

(Hydraulic)  
Price \$1.50



## PASSENGER PLATFORM

Length 16½ in., width 3 in. This platform may be connected to the main station or used separately. A length of white paled fencing is supplied. The device at each end enables a number of these platforms to be joined together. Price \$1.25  
White paled fencing may also be purchased separately. Price, per length, \$0.20



## TELEGRAPH POLE

Price, per pair \$2.00

**BRITISH AND GUARANTEED**



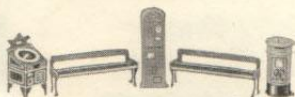
# HORNBY ACCESSORIES



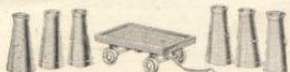
**RAILWAY ACCESSORIES No. 1**  
Miniature Luggage and Truck.  
Price per set \$0.55



**RAILWAY ACCESSORIES No. 2**  
Milk Cans and Truck.  
Price per set \$0.55

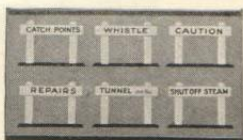


**RAILWAY ACCESSORIES No. 3**  
Platform Machines, etc.  
Price per set \$0.55



**RAILWAY ACCESSORIES No. 7**  
Watchman's Hut, Brazier, Shovel and Poker. Price \$0.45

**RAILWAY ACCESSORIES No. 4**  
This set comprises all the pieces that are contained in Railway Accessories Nos. 1, 2 and 3. Price \$1.40



**RAILWAY ACCESSORIES No. 8**  
Notice Boards. Price \$0.70



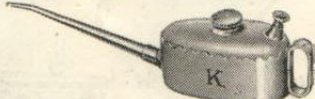
**RAILWAY ACCESSORIES No. 9**  
Station Name-boards. Price \$0.75



**OIL CAN No. 1**  
This is a miniature Oil Can that will give every satisfaction. Finished in nickel.  
Price \$0.20  
(For Lubricating Oil see page 8).



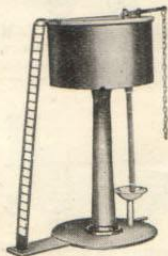
**SHUNIER'S POLE.**  
Price \$0.10



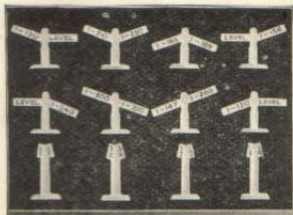
**OIL CAN No. 2 ("K" Type)**  
This miniature Oil Can operates perfectly. The oil is ejected drop by drop by depressing the valve. Copper finish.  
Price \$1.25



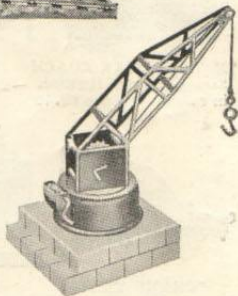
**VIADUCT.** Price \$3.60  
Centre Section only. Price \$2.50  
**ELECTRICAL VIADUCT.** Price \$4.00  
Centre Section only. Price \$2.75



**WATER TANK**  
Brightly colored. Fitted with flexible tube and valve lever. Price \$2.50



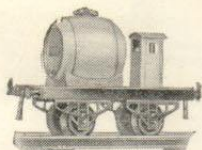
**RAILWAY ACCESSORIES No. 5**  
Gradient Posts & Mile Posts. Price \$0.65



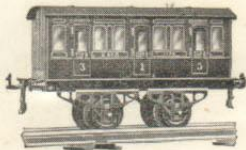
**PLATFORM CRANE**  
The Crane is fitted with a crank and ratchet mechanism. Price \$1.50

**BRITISH AND GUARANTEED**

# HORNBY ROLLING STOCK



**SINGLE WINE WAGON**  
An interesting model representing the single barrel type of Wine Wagon used in France. Finished in red and black. Price \$1.25



\* HORNBY No. 1  
**PASSENGER COACH**  
Price \$0.85



**DOUBLE WINE WAGON**  
An attractive model artistically enamelled in red and black. Price \$1.25



**BRAKE VAN**  
Finished in grey, with opening doors. Obtainable in L.M.S. or G.W. lettering. Price \$1.20



**COVERED WAGON (FRENCH TYPE)**  
This new wagon is fitted with frame and sheet. French type. Lettered "Nord." Price \$0.85



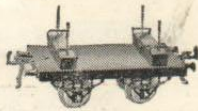
**BRAKE VAN**  
Finished in brown with opening doors. Obtainable in either L.N.E.R. or S.R. lettering. Price \$1.20



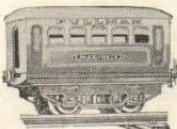
\* **CEMENT WAGON**  
Finished in red. Price \$1.00



\* **TROLLEY WAGON**  
Finished in brown and blue. Suitable for 2 ft. radius rails only. Price \$1.75



\* **No. 1 LUMBER WAGON**  
Fitted with bolsters and stanchions. Price \$0.65



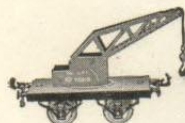
\* **"M" PULLMAN COACH**  
Strong and well finished, in colors. Price \$0.40



\* **No. 2 TIMBER WAGON**  
Beautifully enamelled in green and red. Suitable for 2 ft. radius rails only. Price \$1.20



\* **MILK TRAFFIC VAN**  
Fitted with sliding doors. Contains four milk cans. Price \$1.20



\* **CRANE TRUCK**  
Finished in brown and blue. Price \$1.25



**RIVIERA "BLUE" TRAIN COACH**  
"Dining Car" or "Sleeping Car"  
This is a beautiful model. Suitable for 2 ft. radius rails only. Price \$4.00



**WAGON, FRENCH TYPE**  
Lettered "Nord." Price \$1.20

\* Lettered L.M.S., N.E., G.W. or S.R.

## BRITISH AND GUARANTEED

# HORNBY ROLLING STOCK



**SIDE TIPPING WAGON**  
Excellent design and finish.  
Price \$0.85



**No. 1 PULLMAN COACH COMPOSITE**  
As supplied with No. 2 Tank Passenger Sets.  
Price \$1.00



**ROTARY TIPPING WAGON**  
Finished in orange.  
Price \$1.00



**JACOB'S BISCUIT VAN**  
Finished in crimson lake.  
Price \$1.20



**\*GUARD'S VAN**  
Realistic design. Price \$0.85



**CRAWFORD'S BISCUIT VAN**  
Finished in red. Price \$1.20



**CARR'S BISCUIT VAN**  
Finished in blue.  
Price \$1.20



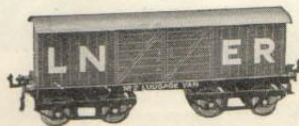
**\*No. 2 CATTLE TRUCK**  
Splendid model. Suitable for 2 ft. radius rails only.  
Price \$1.75



**\*GUNPOWDER VAN**  
With opening doors.  
Price \$1.20



**\*No. 1 CATTLE TRUCK**  
Fitted with sliding door.  
Very realistic design.  
Price \$1.00



**\*No. 2 LUGGAGE VAN**  
Fitted with double doors. Suitable for 3 ft. radius rails only.  
Price \$1.75



**\*No. 1 LUGGAGE VAN**  
With opening doors.  
Price \$1.20



**\*HOPPER WAGON**  
Finished in green.  
Price \$1.20



**\*BREAKDOWN VAN AND CRANE**  
Suitable for 2 ft. radius rails only.  
Price \$2.00



**\*HORNBY WAGON**  
No. 0-1-2  
As supplied with Hornby Goods Sets. Price \$0.80

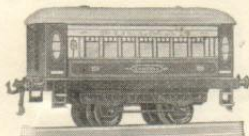
\*Lettered L.M.S., N.E., G.W. or S.R.

## BRITISH AND GUARANTEED

# HORNBY ROLLING STOCK



**SECCOTINE VAN**  
Beautifully finished in blue.  
Price \$1.20



**No. 1 PULLMAN COACH**  
Price \$1.00  
As supplied with No. 2 Tank Passenger Set.



**\*REFRIGERATOR VAN**  
Richly enamelled. Opening doors.  
Price \$1.20



**\*SNOW PLOUGH**  
With revolving plough.  
Price \$1.75



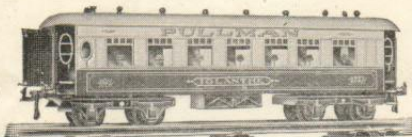
**MILK TANK WAGON**  
A very realistic model, finished in blue and white.  
Price \$1.75



**BRAKE VAN, FRENCH TYPE.**  
Lettered "Nord." Price \$1.40



**PETROL TANK WAGON "PRATTS"**  
Finished in green.  
Price \$0.85



**HORNBY PULLMAN COACH No. 2-3**  
As supplied with Nos. 2 and 3 Pullman Train Sets. Suitable for 2 ft. radius rails only. Price \$3.75



**PETROL TANK WAGON "B.P."**  
Finished in cream.  
Price \$0.85



**PETROL TANK WAGON "REDLINE"**  
Finished in blue and red.  
Price \$0.85



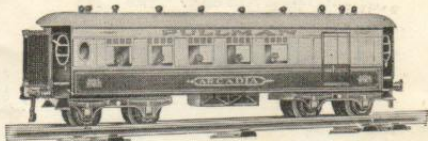
**\*No. 2 LUMBER WAGON**  
Fitted with bolsters and stanchions for log transport. Suitable for 2 ft. radius rails only. Price \$1.35



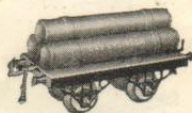
**PETROL TANK WAGON "SHELL"**  
Finished in red. Price \$0.85



**\*No. 1 TIMBER WAGON**  
Beautifully enamelled in green and red.  
Price \$0.60



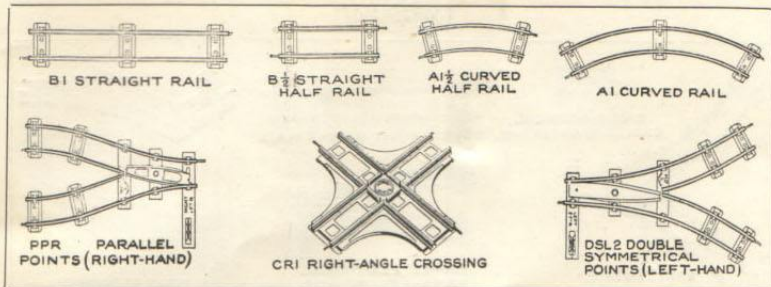
**HORNBY PULLMAN COACH COMPOSITE No. 2-3**  
As supplied with Nos. 2 and 3 Pullman Train Sets. Suitable for 2 ft. radius rails only. Price \$3.75  
\*Lettered L.M.S., N.E., G.W. or S.R.



**\*GAS CYLINDER WAGON**  
Finished in red, lettered gold.  
Price \$0.85

**BRITISH AND GUARANTEED**

# RAILS POINTS & CROSSINGS



## RAILS FOR CLOCKWORK AND STEAM TRAINS, GAUGE O, 1 1/4"

### CURVED RAILS

(1-ft. radius)

A1	Curved rails ...	per doz.	\$1.50
A1 1/2	Curved half rails ...	"	1.05
A1 1/4	Curved quarter rails ...	"	0.90
AB1	Curved brake rails ...	each	0.15

(2-ft. radius)

A2	Curved rails ...	per doz.	1.50
A2 1/2	Curved half rails ...	"	1.05
A2 1/4	Curved quarter rails ...	"	0.90
AB2	Curved brake rails ...	each	0.15
DC2	Curved rails, double track	1/2 doz.	2.00

### CROSSINGS

CA1	Acute-angle crossings (for 1-ft. radius tracks)	each	\$0.50
CA2	Acute-angle crossings (for 2-ft. radius tracks)	"	0.50
CR1	Right-angle crossings (for 1-ft. radius tracks)	"	0.50
CR2	Right-angle crossings (for 2-ft. radius tracks)	"	0.50

### PARALLEL POINTS

For 2-ft. Radius Curves

PPR2	Parallel points, right	} per pair	\$2.00
PPL2	Parallel points, left		
RCP	Rail Connecting Plates	1/2 doz.	0.12

### STRAIGHT RAILS

B1	Straight rails ...	per doz.	\$1.20
B 1/2	Straight half rails ...	"	0.90
B 1/4	Straight quarter rails ...	"	0.75
BB1	Straight brake rails ...	each	0.12
BBR	Straight brake and reverse rails ...	"	0.75
DS1	Straight rails, double track	1/2 doz.	1.75

### POINTS

For 1-ft. Radius Curves

PR1	Right-hand points	} per pair	\$1.60
PL1	Left-hand points		

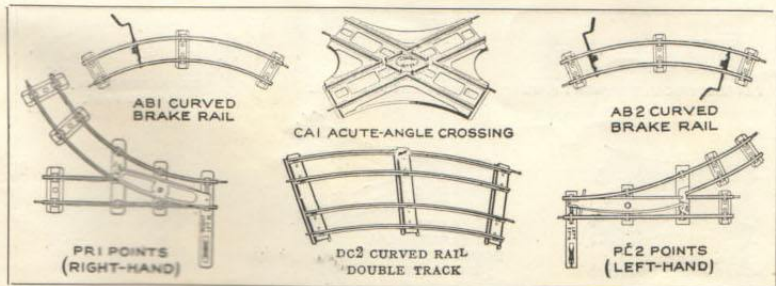
For 2-ft. Radius Curves

PR2	Right-hand points	} per pair	\$1.60
PL2	Left-hand points		
PSR2	Points on solid base, with ground disc and lamp, and adapted for Hornby control, right hand	} per pair	2.50
PSL2	Points on solid base, with ground disc and lamp, and adapted for Hornby control, left hand		

### CROSSOVERS

COR2	Crossovers, right-hand	} per pair	\$4.00
COL2	" left-hand		

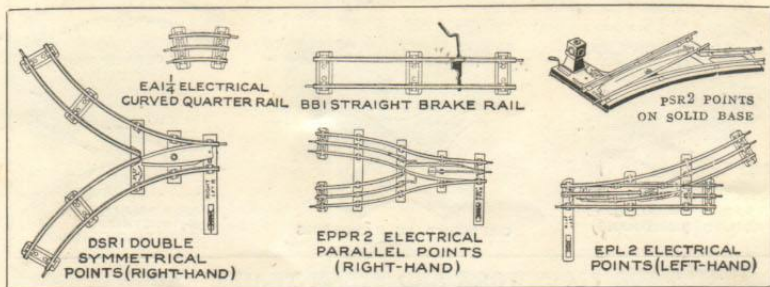
These crossovers may also be obtained adapted for Hornby Control. Price \$4.00



**BRITISH AND GUARANTEED**

# RAILS POINTS & CROSSINGS

(continued)



## RAILS FOR CLOCKWORK AND STEAM TRAINS, GAUGE 0, 1 1/4"

(continued)

### DOUBLE SYMMETRICAL POINTS

#### For 1-ft. Radius Curves

DSR;	Double symmetrical points, right	} per pair \$2.00
DSL1	Double symmetrical points, left	

#### For 2-ft. Radius Curves

DSR2	Double symmetrical points, right	} per pair \$2.00
DSL2	Double symmetrical points, left	

### RAILS FOR ELECTRIC TRAINS, GAUGE 0, 1 1/4"

#### STRAIGHT RAILS

EB1	Straight rails	... per doz.	\$2.40
EB 1/2	Straight half rails	... "	1.60
EB 1/4	Straight quarter rails	... "	1.30

#### CURVED RAILS

(1-ft. radius)			
EA1	Curved rails	... per doz.	\$2.50
EA1 1/2	Curved half rails	... "	1.80
EA1 1/4	Curved quarter rails	... "	1.50
(2-ft. radius)			
EA2	Curved rails	... per doz.	\$2.50
EA2 1/2	Curved half rails	... "	1.80
EA2 1/4	Curved quarter rails	... "	1.50

#### POINTS

EPR2	Right-hand points	} per pair \$2.80
EPL2	Left-hand points	

#### CROSSINGS

ECA	Acute-angle crossings...	each	\$1.00
ECR	Right-angle crossings...	"	1.00

### DOUBLE SYMMETRICAL POINTS

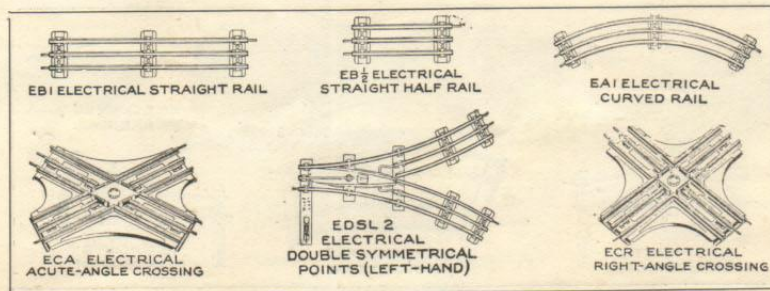
#### For 2-ft. Radius Curves

EDSR2	Double symmetrical points, right	} per pair \$3.20
EDSL2	Double symmetrical points, left	

### PARALLEL POINTS

EPRR2	Parallel points, right	} per pair \$3.20	
EPPL2	Parallel points, left		
TCPL	Terminal Connecting Plates (low voltage)	... each	\$0.50

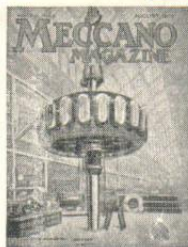
Electrical Points for 1-ft. radius curves are not supplied.



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