

MECCANO

TRADE MARKS 296321, 501113, 76, 12633, 10274, 55/13476, 569/13, 884/25, 2913, 80, 124, 336, 4174, 91637, 83171, 157149, 32822, 200639, 209733, 214061, 214062, 12892, 29094, 33316, 1818, 16737, 383/13, 5818, 50204, 10/12239, 22826, 18082, 20083/025, 9048, 5549, 2189, 16900, 72286, 2389, 41812, 5403, 7315, 18066, 139420, 484933-4-5-6, 29041, 28877, 6595, 404718, 410379, 55096, 12240, 41234, 8228, 1855

HORNBY'S ORIGINAL SYSTEM-FIRST PATENTED 1901

INSTRUCTIONS

FOR OUTFITS

00 and 0

Price 6d.

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No. 32.0

NGLISH EDITION

MECCANO

The Finest Hobby in the World for Boys

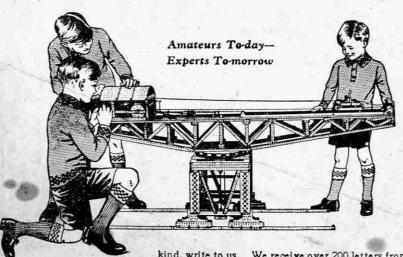
The Meccano system is composed of over two hundred and fifty different parts, mostly made of steel or brass, each one of which has a specific mechanical purpose. These parts combine to form a complete miniature engineering system with which practically any mechanical movement may be reproduced in model form. More can be accomplished with Meccano than with any other constructional toy, for no other system has such possibilities.

There is no limit to the number of models that can be built with Meccano—Cranes, Clocks, Motor Cars, Ship-Coalers, Machine Tools, Locomotives—in fact everything that interests boys. The most wonderful feature about the system is that it is real engineering in miniature.

Make the simple models first—they will provide hours of fun—and then try to improve them. Every model can be made in a dozen different ways. It is important to screw up all the nuts and bolts tightly to ensure that your models will be strong and firm when they are completed.

How to Build up Your Outfit

Meccano is sold in ten different Outfits, numbered 000 to 7. All Meccano parts are of the same high quality and finish, but the larger Outfits contain a greater quantity and variety of parts, making possible the construction of more elaborate models. Each Outfit from No. 00 upwards may be converted into



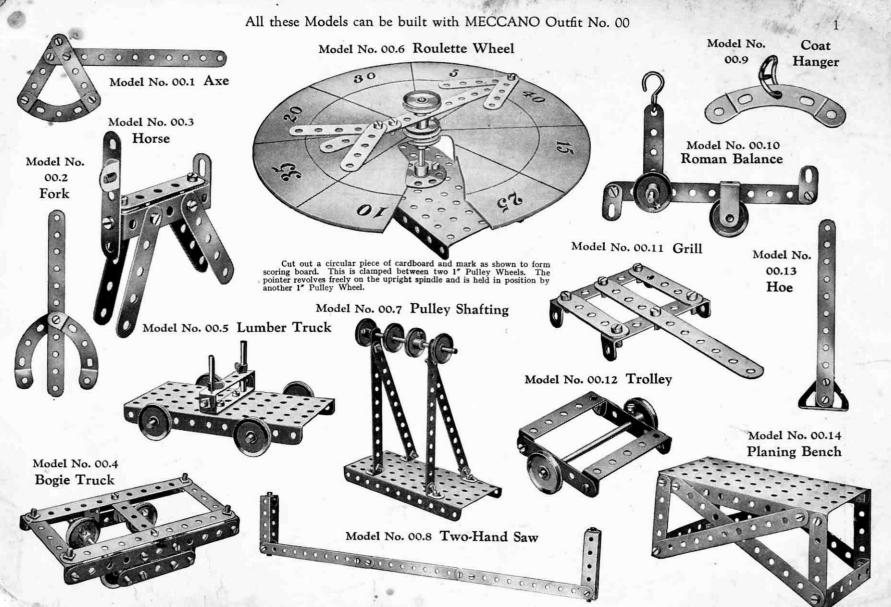
the one next higher by the purchase of an Accessory Outfit. Thus, a No. 00 may be converted into a No. 0 by adding to it a No. 00A. A No. 0A would then convert it into a No. 1, and so on. In this way, no matter with which Outfit you commence, you may build it up by degrees until you possess a No. 7 Outfit. It is important to remember that Meccano Parts may be bought separately at any time in any quantity from your Meccano dealer.

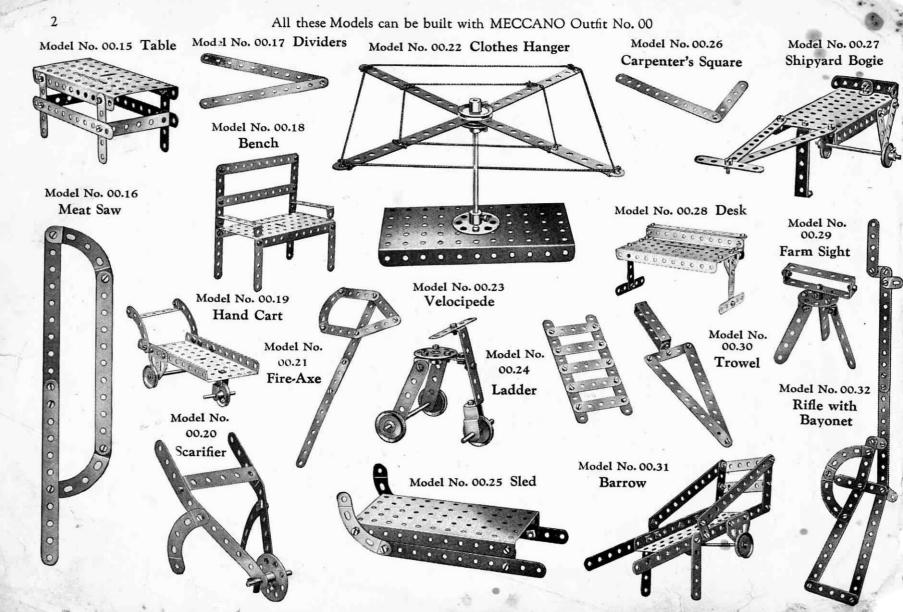
The "Meccano Magazine"

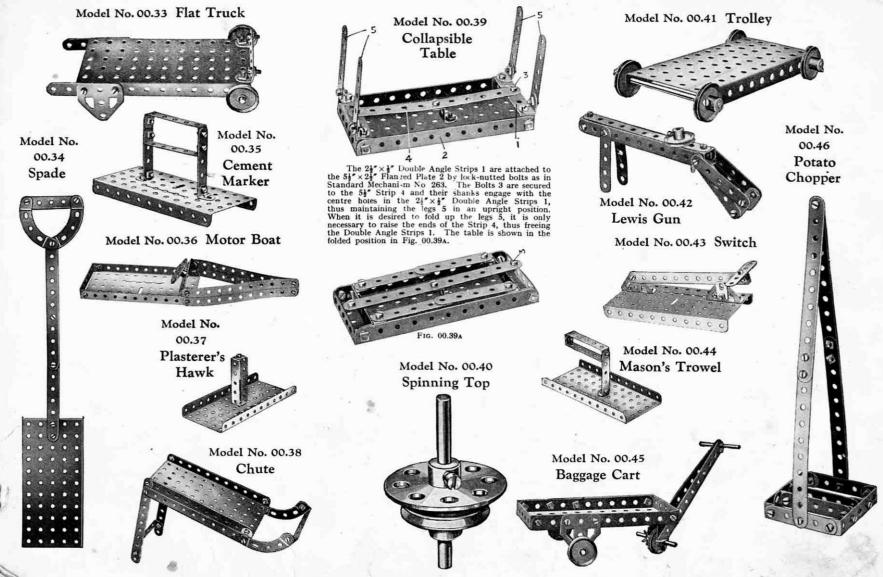
The "Meccano Magazine" is essential to the full enjoyment of the Meccano hobby. A section of it is devoted to the Editor's replies to his readers' enquiries; the progress of Meccano clubs throughout the world is reported; and full details are given of the latest model-building achievements. In addition, a wealth of informative articles on all subjects of interest to boys is included in every issue. The publishing date is the first of each month. If you are not already a reader of the "M.M." write to the Editor for full particulars, or order a copy from your Meccano dealer or from any newsagent.

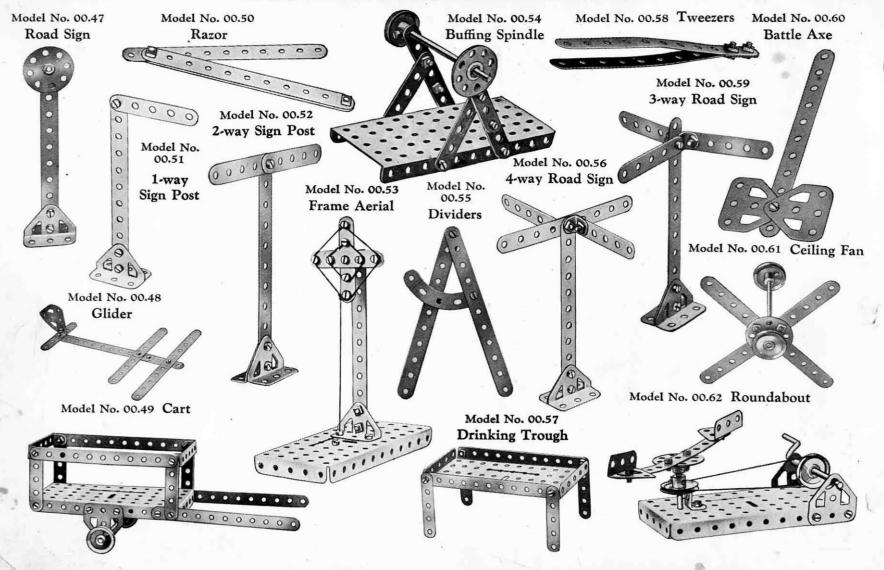
Meccano Service

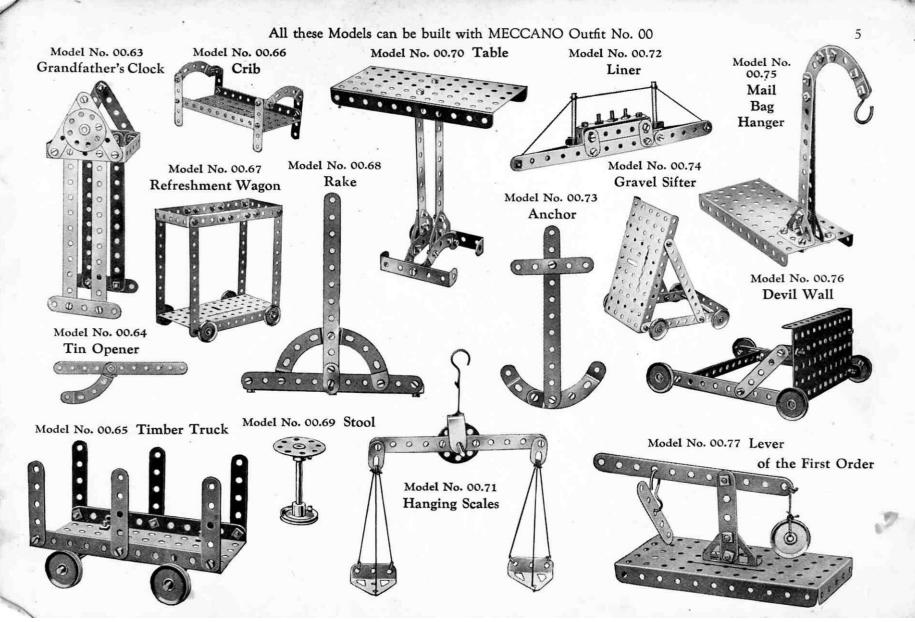
The service of Meccano does not end with selling an Outfit and an Instruction Manual. When you want to know something more about engineering than is now shown in our books, or when you strike a tough problem of any kind, write to us. We receive over 200 letters from boys every day all the year round. Although all kinds of queries are put to us on all manner of subjects, the main interest is, of course, engineering. No one has such a wonderful knowledge of engineering matters as that possessed by our staff of experts. This vast store of knowledge, gained only by many years of hard-earned experience, is at your service. We want the Meccano boy of to-day to be the famous engineer of to-morrow.

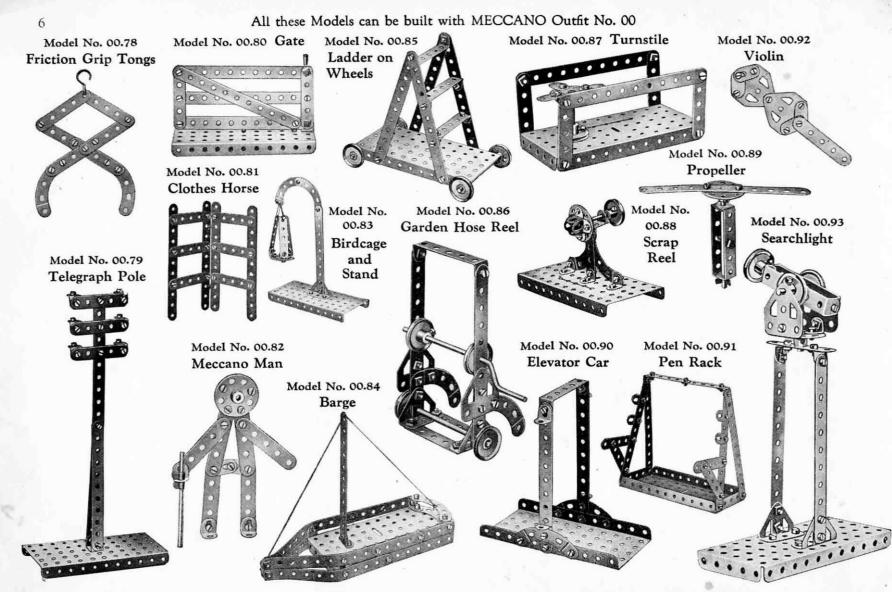


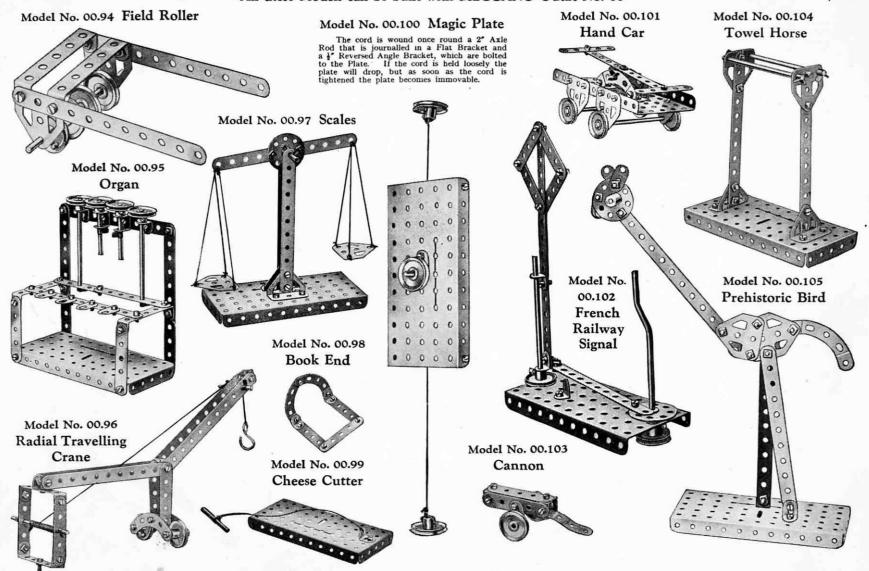


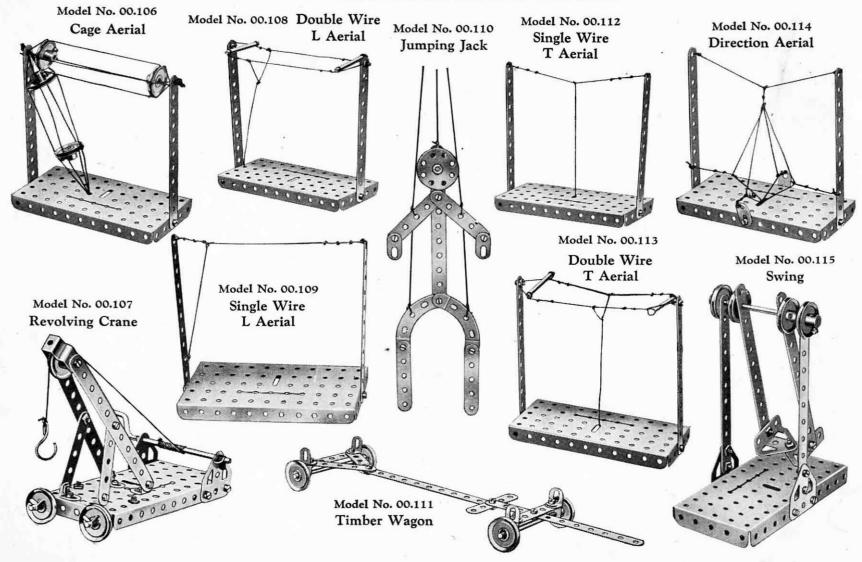


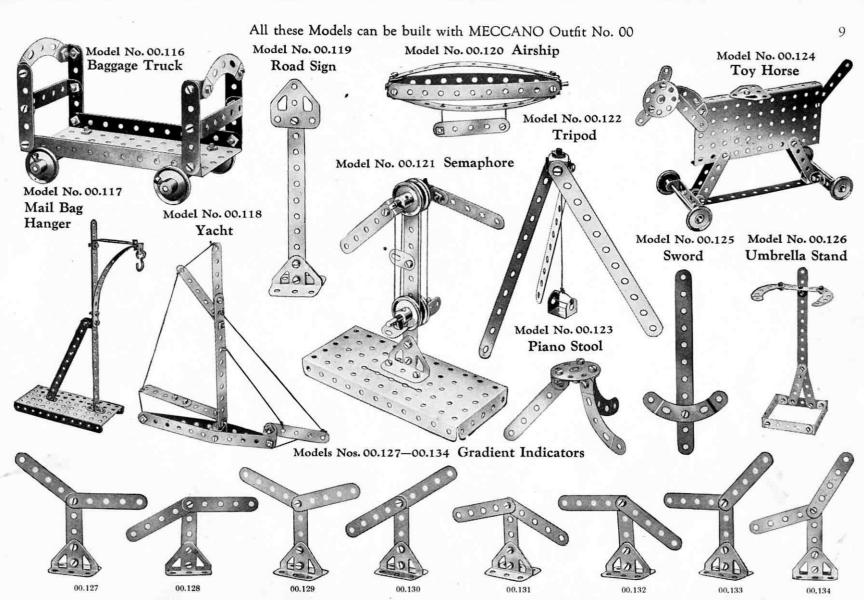


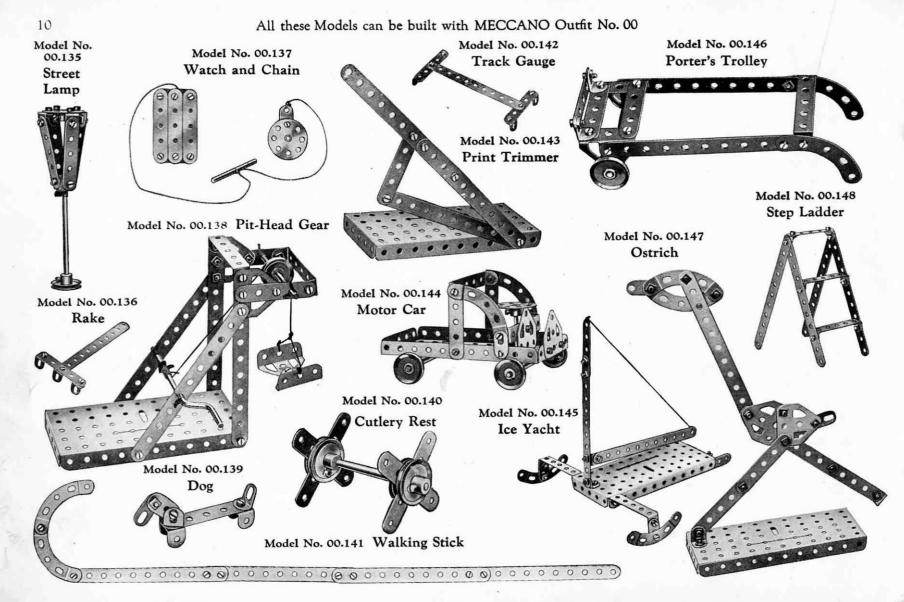


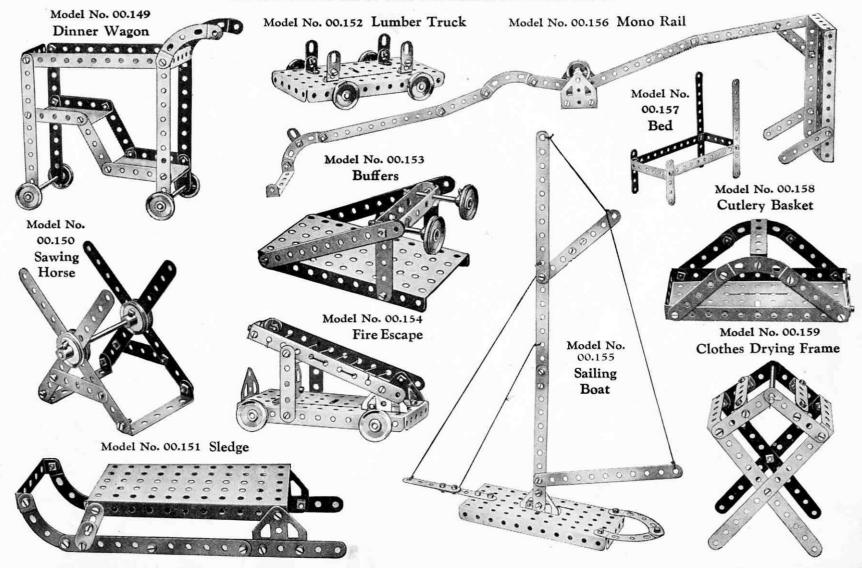


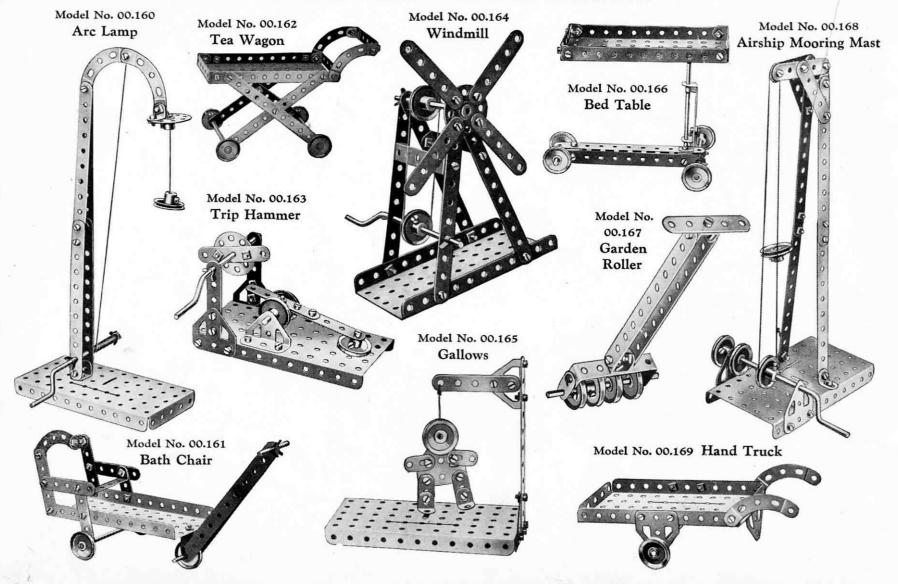


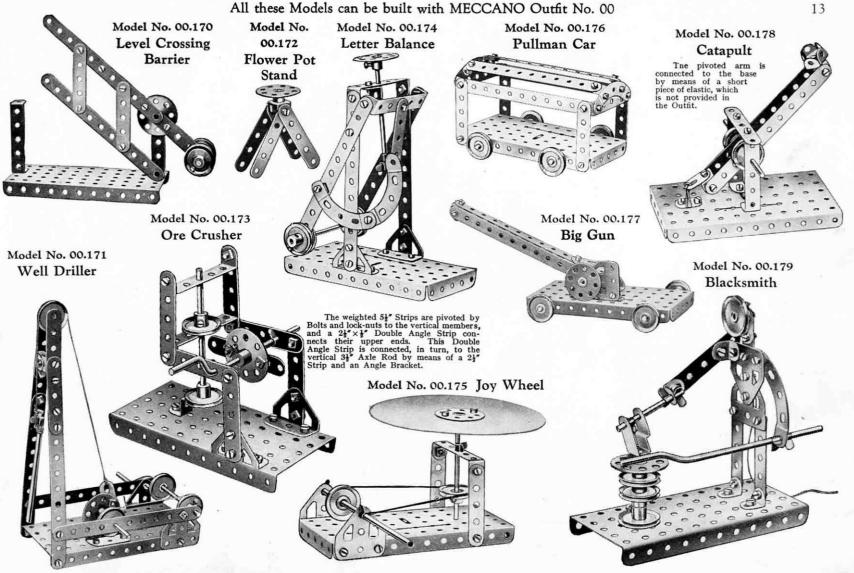


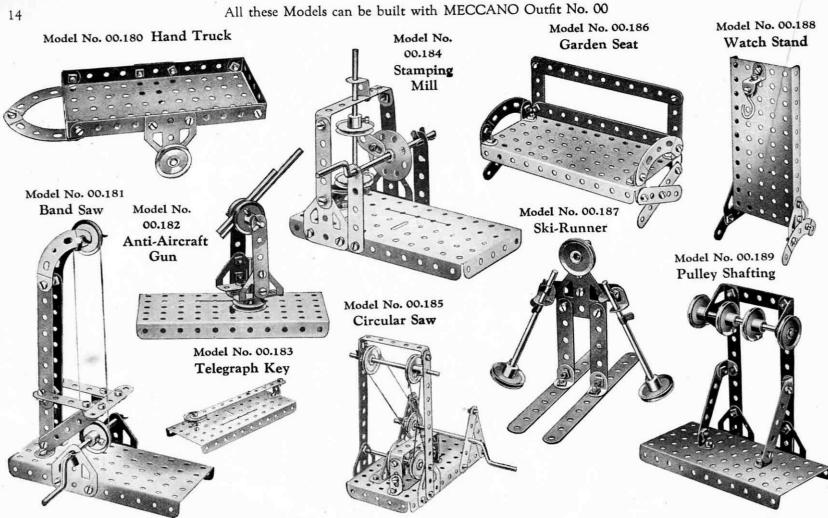






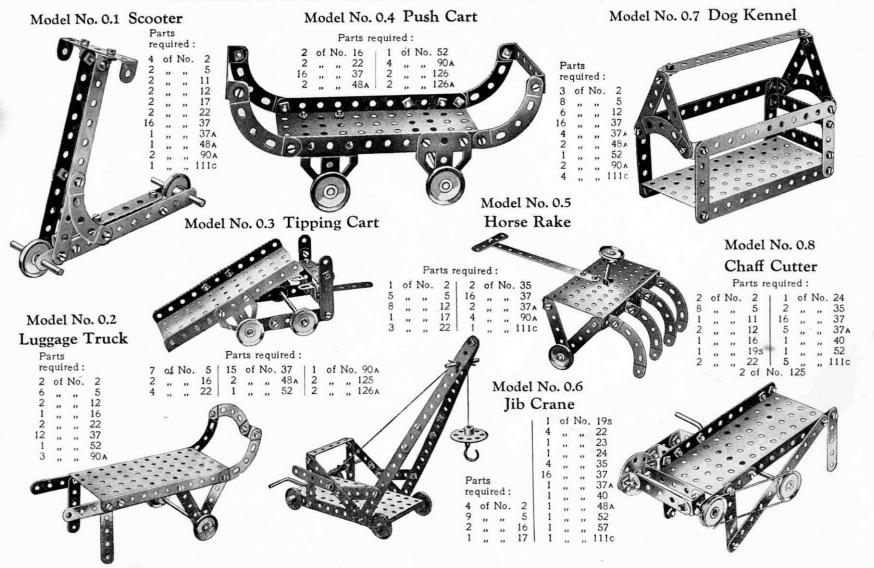






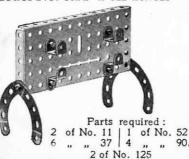
HOW TO CONTINUE

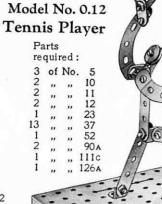
This completes our examples of models that may be made with MECCANO Outfit No. 00. The next models are a little more advanced, requiring a number of extra parts to construct them. The necessary parts are all contained in a No. 00A Accessory Outfit, the price of which may be obtained from any Meccano dealer.

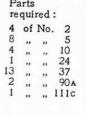




Model No. 0.11 Pen Rack

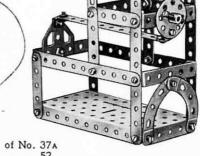




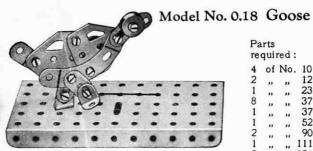




of No. 5



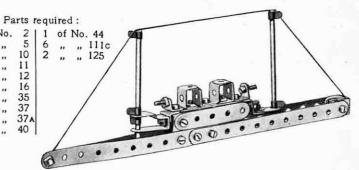
						No.	
uire	ed:		11	1	,,	,,	17
of N	Vo.	2	11		**	,,	35
,,	,,	10	11	15	,,	,, -	37
,,	,,	11		1	**	"	44
	of N	of No.	10	of No. 2	of No. 2	of No. 2 2 ,,	of No. 2 2 ,, ,,



Model No. 0.22

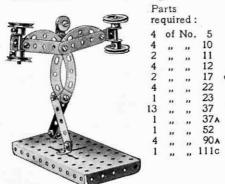
Lazy	longs
0	10
/	0/0/
	/e/
F	2/09
10	100 M
	/eX

Model No. 0.23 Battleship



Parts required: of No. 5

Model No. 0.19 Strong Man



Model No. 0.20 Aeroplane

Parts

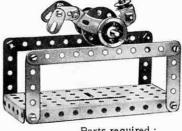
required:



Parts required:

4	of	No.			of	No	. 37
3		,,	5	1	,,	,,	111c
2			5 12 24	2	,,		125
1	,,	,,	24	1	,,	,,	126A

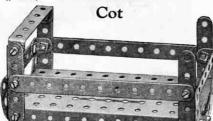
Model No. 0.24 Gymnast



	Parts required.							
2	of	No.	2	1 1	of	No.	24	
4	,,	- 22	5	12	,,	,,	37	
4	,,	,,	10	1 1	**	,,	37 A	
1	,,	"	12	1	"	,,,	52	
1	,,	,,	16	1 1		$^{\circ}n$	90 A	
2	,,	**	22	1	,,	"	111c	
1	**	,,	23	J.			10	

Model No. 0.26

Model No. 0.25 Rocking Horse



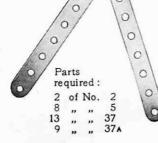
Parts required:

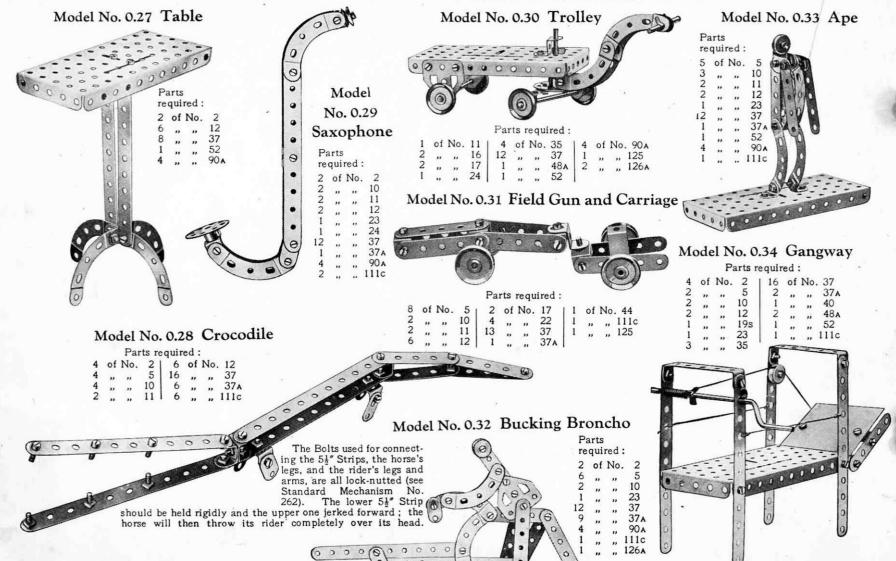


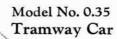
Model No. 0.21 Cattle Truck Parts

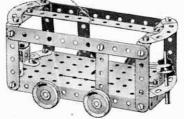


re	qui	red:	
4	of	No.	2
8	"	,,	5
2	,,	**	16
4	,,	**	22
6	,,	"	37
2	,,	"	37A
2	"	22	48A
1	,,	,,	52









		Par	ts re	quir	ed	:	
3	of	No.				No.	37
6	,,	***	5	6	,,		37A
2 2 2	,,	,,	10	2	,,	,,	48A
2	,,	,,	16	1	,,	,,	52
2	,,	,,	17	4	,,	,,	90A
4	**	,,	22	6	"	,,	111c
6	,,		35	2	.,		125

Model No. 0.36 Motor Boat

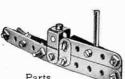


2	of	No.	2	1	of	No.	23
2	,,	,,	5	7	.,	,,	37
3	,,	,,	10	1		,,	37A
1	,,	No.	11	1	,,	,,	111c

Model No. 0.37 Arm Chair



Model No. 0.38 Torpedo Boat



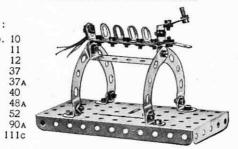
Pa	arts		
re	qui	red:	
2	of	No.	
2	,,	,,	

2	,,	,,,	5
3	**	**	10
3 2	,,	,,	11
2	,,	,,	12
1	,,	,,	17
11	,,	,,	37
4	,,	,,	37A
5	,,	,,	111c

Model No. 0.40 Gramophone

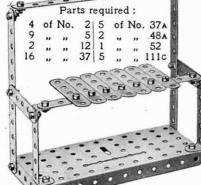
	art	s ired	•						qui	red	:
								4	of	No.	. 10
-	01	No.	12					1	,,	,,	11
1	,,	,,	22					8	,>	,,	12
- 1	"	"	22 23 24 37		1			16	,,	,,	12 37
1	,,,		24		((0/1		4	,,	"	37A
3	"	,,	37		0			1	,,	"	
1	,,	"	37A			10		2	,,	,,	40 48 A
2 3	,,	**	52			0		1	,,	,,	52
2	"	,,,	90A	1	00	Va	1	4	,,		90 A
3	,,,	n	111c	(0	5	B		4	,,	,,	111c
		_	-	5	2	- U		-			
			-1-1			-	0 0	0	•)		
		1	0 100	0 0	0 0	0 0		_			

Model No. 0.43 Prehistoric Armadillo

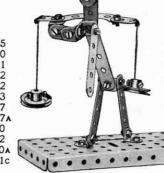


Model No. 0.44 Motor Cycle and Side Car

Model No. 0.39 Piano



Model No. 0.41 Milk Maid



Parts

~				
	Parts	rea	uired	

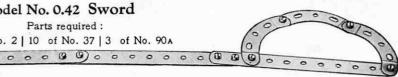
					57.5	2.00	
1	of	No.	5	10	of	No.	37
4	,,	"	10	1	,,	,,	37A
2	,,	,,	11	1	,,	,,	44
3	,,	,,	12	3	,,	"	90 A
1	**	,,	16	1	,,	,,	111c
3	,,	,,	22	1	,,	,,	125
1	**	,,	23	1	,,	,,	126A

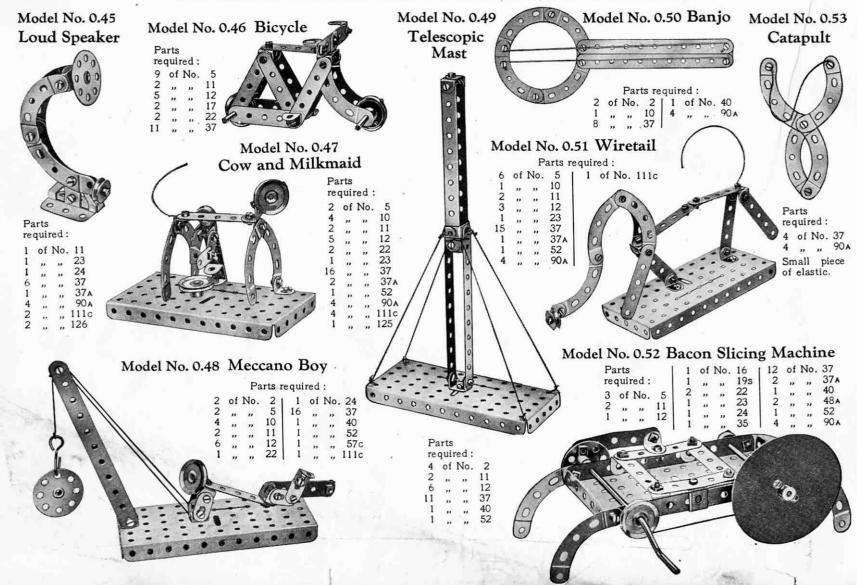
Model No. 0.42 Sword

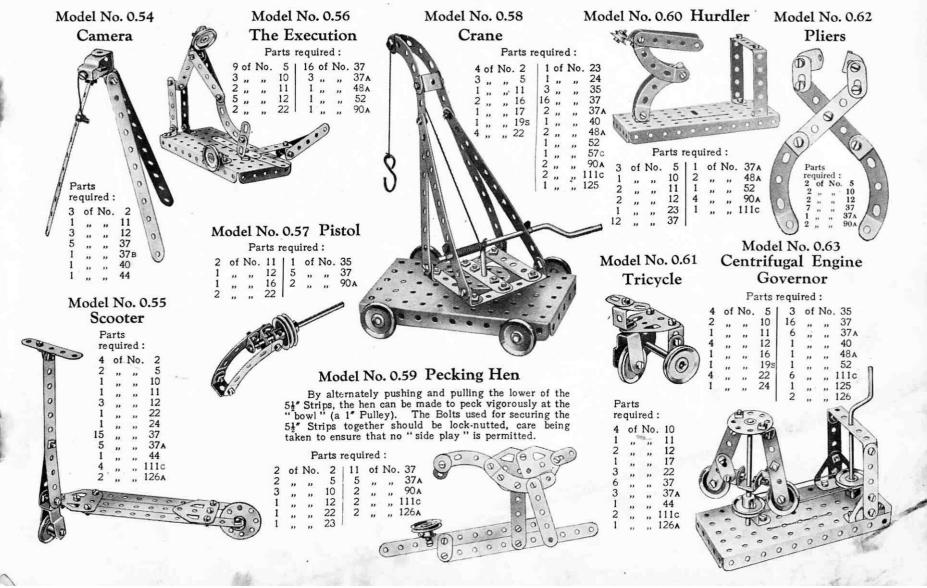
Parts required:

Parts required:

4 of No. 2 | 10 of No. 37 | 3 of No. 90A







Model No. 0.64 Wrestlers

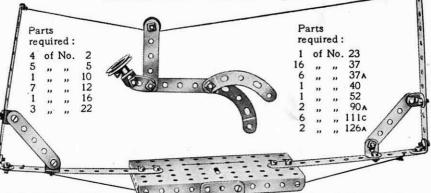


Model No. 0.65

A Chase

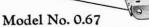
Parts required: of No. 5 | 16 of No. 37

Model No. 0.66 Aerial Flight



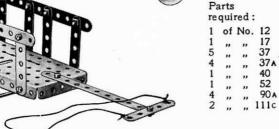
Model No. 0.70 The Missing Link

4	of	No.	5
4	,,	,,	10
8	,,	,,	12
1	,,	**	24
6	,,	,,	37
6	,,	,,	37A
1	,,	,,	52
4	,,	,,	90 A
6	,,	**	111c



Bullock Cart

Model No. 0.68 Galvanometer



				- 6	1 R	
ed:				10	P	3
No.	12			6		
,,	17 37 37 40 52 90 A			0	1	
,,	37				1	14
,,	37A			0	1	13/0
,,	40			0	10	/-
,,	52		-4	70	000	2
,,	90 A			0	0	- 0
,,	111c		90	0 0	0	0
		60	0	20	0	,0/
		1	0 5	-	10	

Model No. 0.71 Steeple-chaser

	Pa	rts	re	qu	ired	1:	
of	No.	5	1	1	of	No.	3

7	of	No.	5	1 1	of	No.	37 A
4	,,	,,	10	1	,,	,,	48A
1	,,	,,	12	1	,,	,,	52
1	**	,,	23	4	,,	,,	90A
13	,,		37	1	**	,,	111c
		0		1	,,	,,	126a
	50.0	10000			100		

Parts required:

3	of	No.	2	12	of	No.	37A 40
9	,,	,,	5	1	,,	,,	40
1	,,	,,	16 22 37	1	,,	,,	52
2	,,	,,	22	2	,,		111c
16			37	2	,,	,,	126A

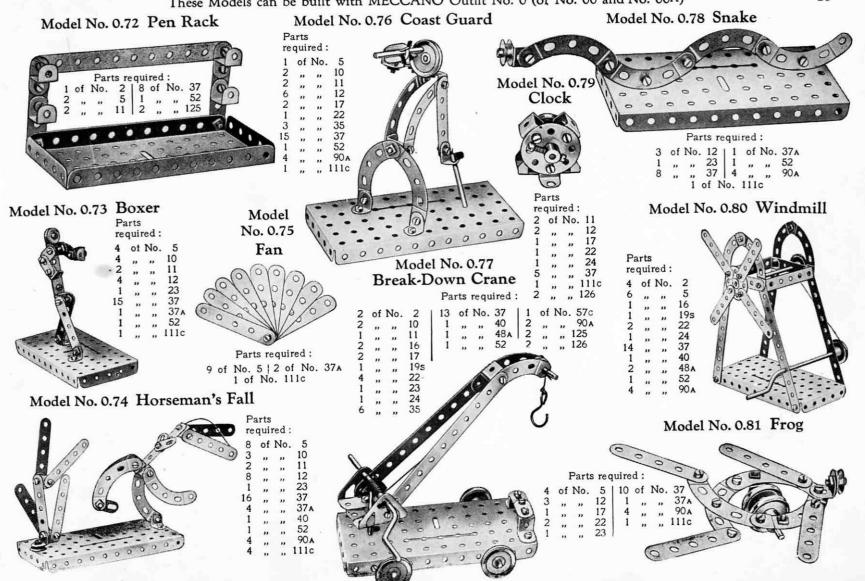
Model No. 0.69 Coster's Barrow



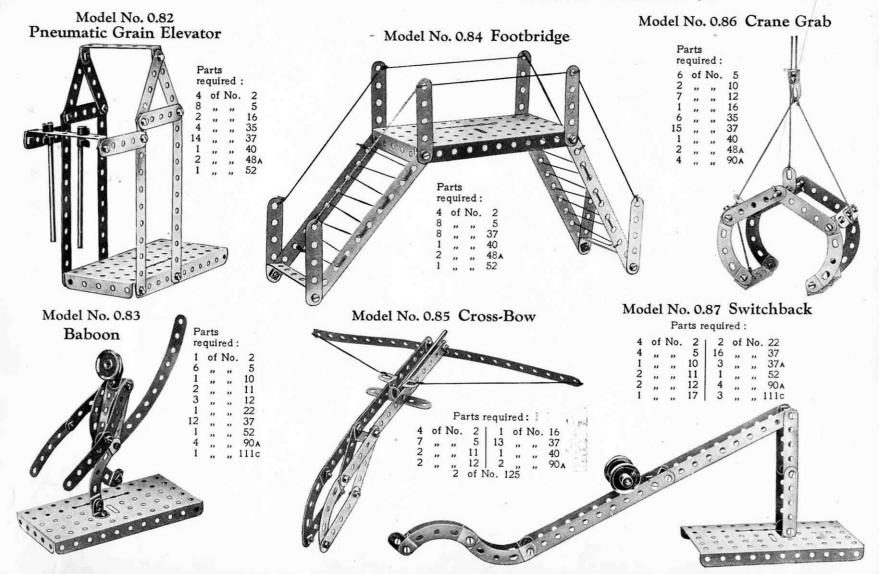
Parts required:

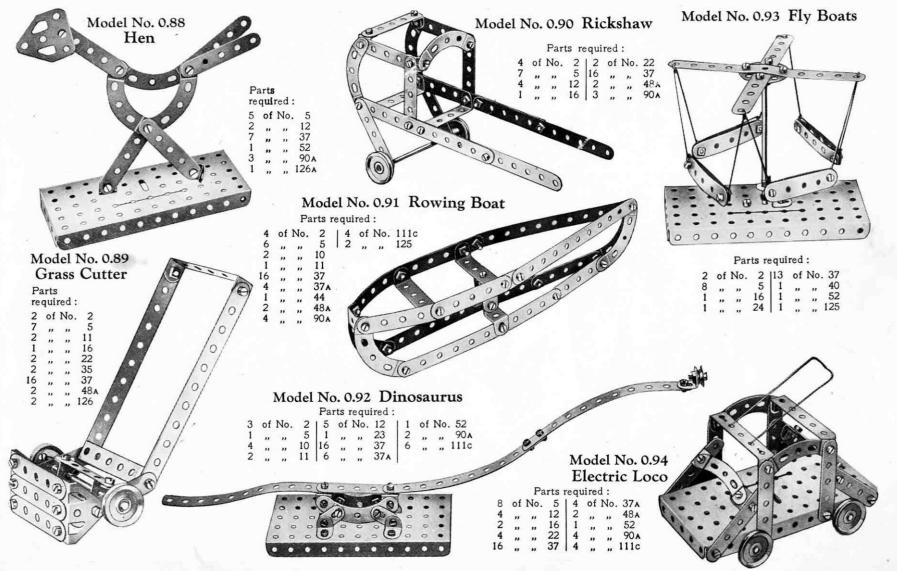
2	of	No.	5	113	of	No.	37
1		,,,	11	1	,,	,,	52
1	,,	,,	17	4	,,	,,	37 52 90 A
1	,,	,,	24	2	,,	,,	126A



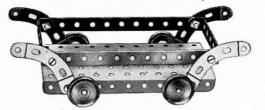


These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)





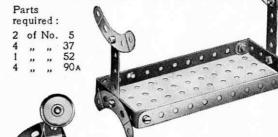
Model No. 0.95 Trolley



Parts required:

2	of	No.	2	8 2 1	of !	No.	37
2	,,	,,	16	2	,,	,,	48A
4	,,	,,	22	1	,,	,,	52
		4	of	No.	901	١.	

Model No. 0.96 Pen Rack

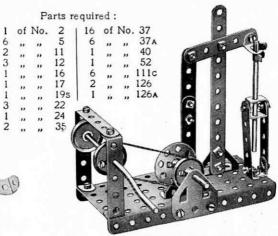


Model No. 0.97 Walking Man

Parts required: 5 of No.

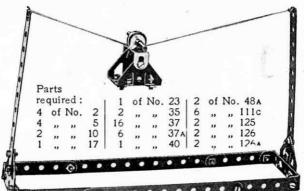
2 " " 10 2 " " 12 1 " " 22 7 " " 37 3 " " 90

Model No. 0.98 Pump

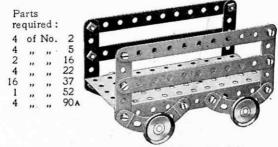


The connecting Strip is pivoted by Bolts and Nuts at one end to the Bush Wheel and at the other end to the cross beam. The latter is pivoted by the same means to the upright.

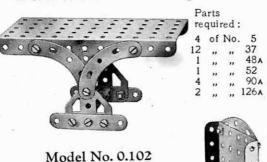
Model No. 0.99 Aerial Ropeway



Model No. 0.100 Luggage Truck



Model No. 0.101 Drafting Table

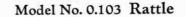


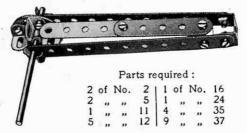
Arm Chair

required:
2 of No. 2
4 " " 5
12 " " 37

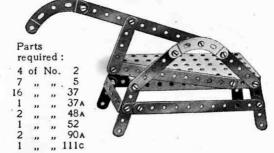
Parts

1 ,, ,, 46A 1 ,, ,, 52 3 ,, ,, 90A





Model No. 0.104 Shearing Machine



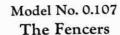
Model No. 0.105 Anchor

Parts required:

2 of No. 2 | 1 of No. 11
1 ,, ,, 5 | 10 ,, ,, 37
1 ,, ,, 570
2 ,, ,, 90a
2 ,, ,, 126A

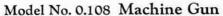


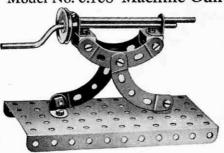
	arts		
re	qui	red	
	of	No.	2
2	,,	,,	11
8	,,	,,	12
1	,,	,,	22
16	,,	,,	37
6	,,	,,	37 A
2	,,	,,	48A
1	,,	,,	52
4	,,	,,	90A
6	,,	,,	111c



Parts required:

8	of	No.	5	116	of	No.	37
2			10	4	,,	,,	37A
6		,,	12	1	,,,	,,	52
6	,,	,,	16	4	,,	,,	111c
2		,,	22 35	2	,,		125
4		,,,	35	12	"	,,,	126A





Parts required:

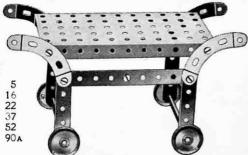
2	of	No.	11	1	of	No.	22
			12			,,	
1		,,,	16	1		,,	52
1	,,	,,	19s	4	,,	,,	90A

Model No. 0.109 Single Sheave Pulley Block



Parts required:
2 of No. 5 | 7 of No. 37A
1 ,, 23 | 1 ,, 57c
3 of No. 111c

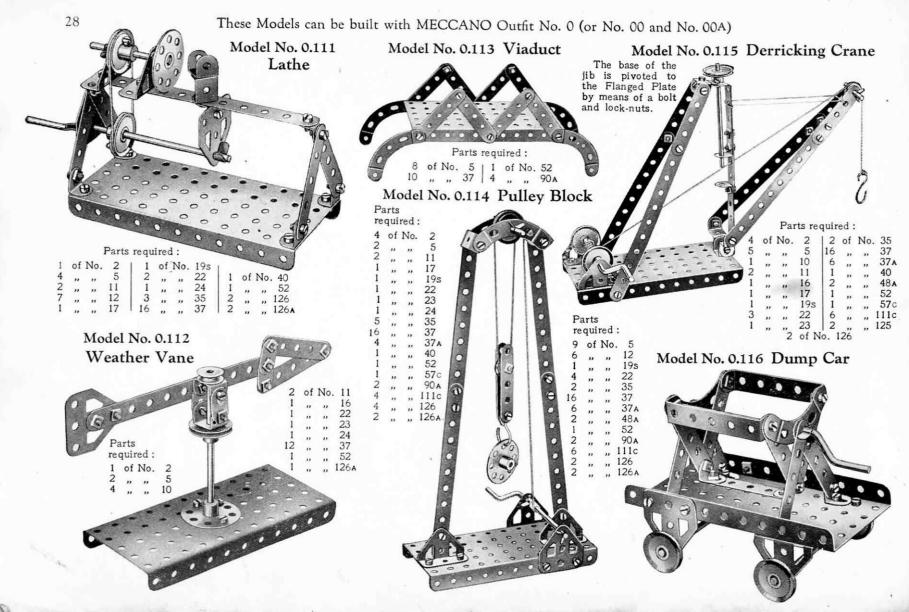
Model No. 0.110 Tea Wagon

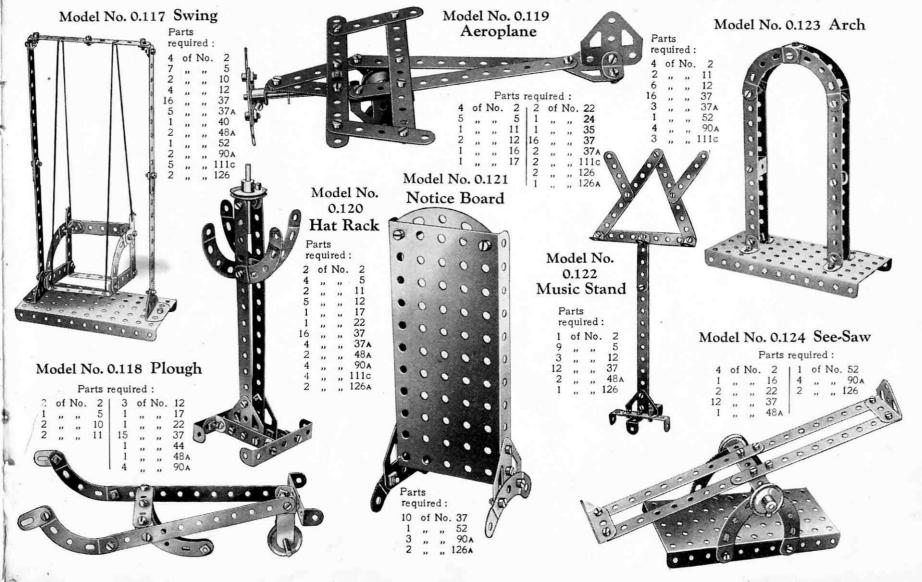




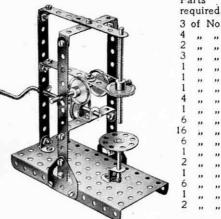






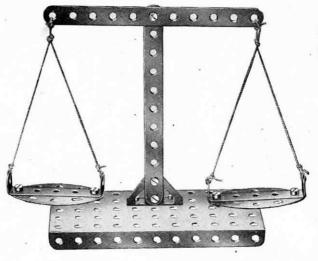


Model No. 0.125 Drilling Machine

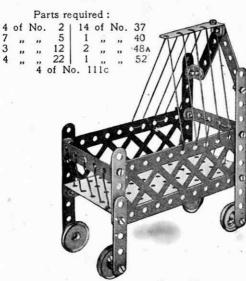


	arts	red :	
3		No.	2
4	,,	,,	5
2	,,	,,	11
3	"	"	12
1	,,	,,	16
1	,,		17
1	,,	,,	19s
4	**	,,	22
1	,,	"	24
6	"	"	35 37
16		"	
6	**		37A
	,,		40
2		,,	48 A 52
6	,,	,,	111c
1		,,	125
2	"	"	126 A
2	"	"	120A

Model No. 0.127 Scales



Model No. 0.129 Cot



Model No. 0.126 Counter Scales

Value of the same		
Parte	required	

		F	arts								
	1 of 2 ,, 2 ,, 1 ,,	No.	2 10 12 17	7 1 1 2	of	No. "	37 44 52 126	0	0 0	9	
600			16	0	000	0	•		0		
		0 0	00) 。	0	000	0 0		000	
00	0					C	·				

Parts required:

2	of	No.	2	2	of	No.	48A
		,,	37	1			52
1	,,	,,	37 A	4	,,	,,	90A
- 1			40	1	12.0		126

Model No. 0.128 Single Sheave Pulley Block



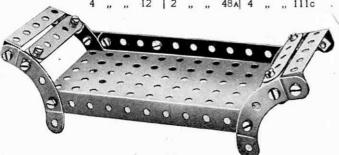
Parts required:

1 of No. 23 12 ,, ,, 37A 1 ,, ,, 57c 4 ,, ,, 111c

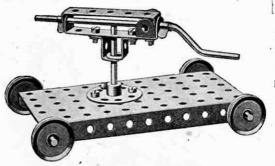
Model No. 0.130 Couch

Parts required:

|16 of No. 37 | 1 of No. 52



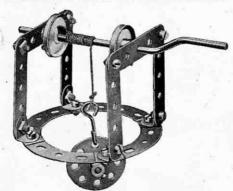
Model No. 0.131 Rock Drill



Parts required:

1	of	No.	11	4	of	No.	22	12	of	No	. 484
2	. ,,	,,,	11 16 17 19s	1	,,	,,	24	1	,,,	.,	52
1	,,	,,	17	2	**	,,	35	2	**	,,	125
1	-		19s	5	1500		37				

Model No. 0.132 Well Windlass



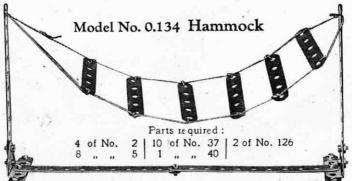
Parts required:

						000					
6	of	No.	5	1 12	of	No.	22	1	of	No.	40
4	,,	.,	12	1	,,	,,	24	1/	,,	,,	57c
1			19s	12	,,	,,	37	4	,,	,,	90 A

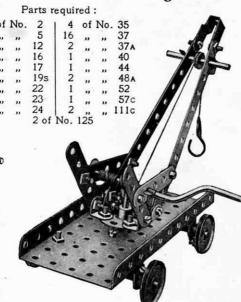
Model No. 0.133 Prancing Horse

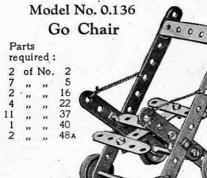
	Pa re c	rts	red:			B	A			_				
	6	of	No.	5			500			A0)	1.00		. 4	of
	4		110.	12						10			4	,,
	4	**	"	12		111/1			-/4				4	,,
	1	,,	"	17		No.	1700	00	2	7	^		2	,,
•	1	,,	,,	.19s		74	AL	100			2	-	1	
-	4	,,	,,	22				10					1	"
	1	,,		24			48				4		À	"
1	6	,,	1.55	37			1	YO K	AU.		1	natura di Amerika	1	**
	4		"	37A		7-	46	1	1	-	of)	20	1	"
	1	"	"	40		2		CS	0	THE OWNER OF THE OWNER,	1		1	"
		"					10/		-	A A	3			
	1	**	"	44			1			PA ii				
	1	,,	,,	52		1	18/	12	A STATE	2	0 0	- 1		
	1	**	**	90 A	_ //	0	1			0 (8	7	,	-	
- 13	4			111c		40	0/6		0.	0	4			
	4 2 1	,,		125		1	1 E	- C	10	0	v			
	1		**	126	40	1/2	101	0	, 0	4	•			
	î	"	"	126A			0/0		.01	w		-	100	
		**	"	120A	4		50	2	-			1		
				1			0	0	A W			,		V.
				Alle		0	0	0				9		,
			4		C	, _	0	ATT				/	100	
			10		0	0	01		Fre	0.133		2	OF	1
						0	40	1	1 10.	0.100	,,	-		A
						7						¥ .	AA	y.
			119			- 1							A 12.	

The Strip 1 forming part of the body is free to move about the Bolt 2, but two Nuts on the latter secure the rear legs and tail rigidly together. The arrangement of the various Strips about this Bolt 2 is shown more clearly in Fig. 0.133A. The Strip 3 is free to move at each end about pivots formed from Bolts and Nuts.

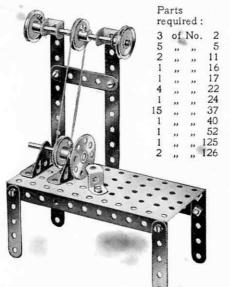


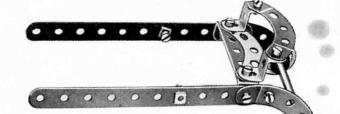
Model No. 0.135 Swivelling Crane





Model No. 0.143 Bench Lathe



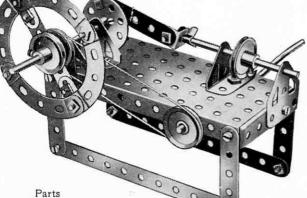


Model No. 0.145 Sulkey

Parts required:

2	of	No.	2	1.1	of	No	48
2	,,	No.	22	4	,,		90
10	,,	,,	37	2	,,	,,	125

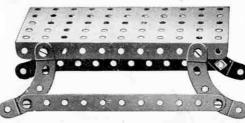
Model No. 0.146 Horizontal Engine



Model No. 0.144 Bench

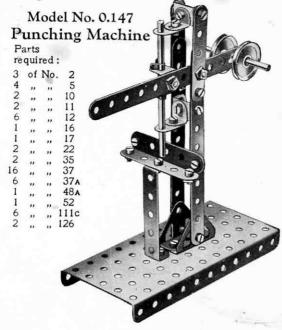
Parts required:

2	of	No.	2	1	of	No.	52
0			22				00



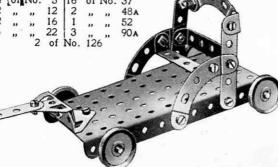
required:

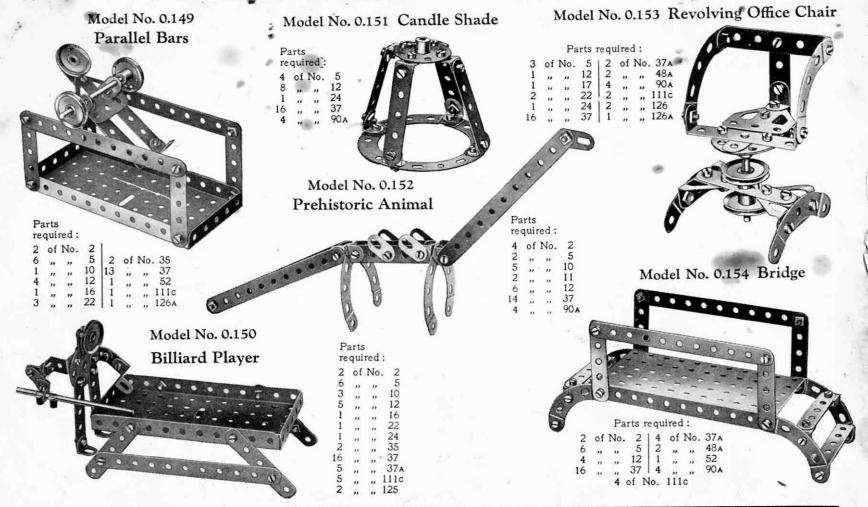
2	of	No.	2	4	of	No.	22		O	V		
6	,,	,,	5	1	,,	,,	24	1	of	No	. 52	
2	,,	,,	10	3		,,	35	4	,,	,,	90 A	
1	,,	"	12	16	"	,,	37	5	,,	,,	111c	
2	,,	,,	16	5	"	"	37A	2	,,	,,	126	
1	"	,,	19s	1	"	**	40	2	,,	,,	126A	



Model No. 0.148 Bath Chair

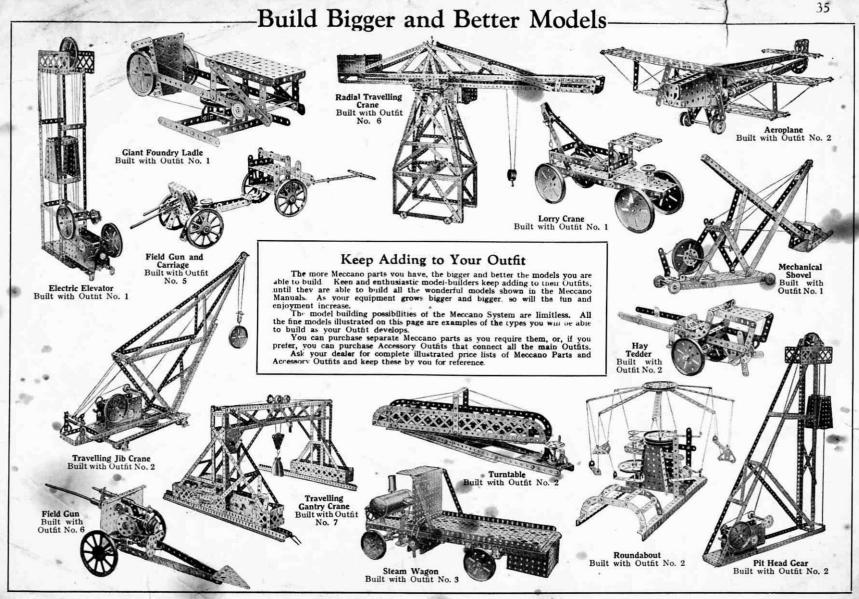
Parts required: 4 [ot]No. 5 16 of No. 37 2 ,, 12 2 ,, 48A





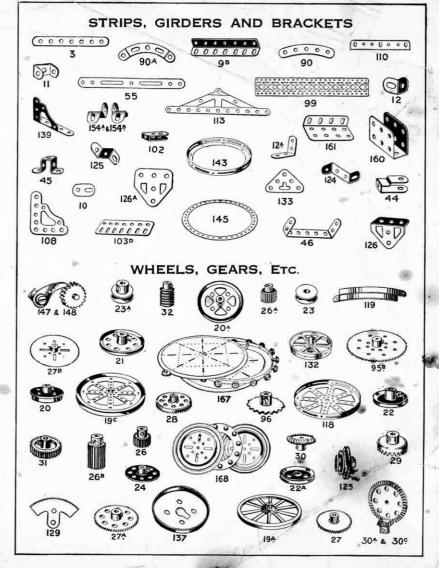
HOW TO CONTINUE

This completes our examples of models that may be made with MECCANO Outfit No. 0 (or No. 00 and No. 00A). The next models are a little more advanced, requiring extra parts to construct them. The necessary parts are all contained in a No. 0A Accessory Outfit, the price of which may be obtained from any Meccano dealer.



Particulars of Meccano Parts

	rarticulars of	Meccano Parts
	Perforated Strips	l No.
No.	No.	40. Hanks of Cord
1.	12½" 3. 3½"	41. Propeller Blades
· la.	91" 4. 3"	49 Carinas
1b.	71, 5. 21,	tt C1-1 D- t Ct f-
2. 2a.	5½" 6. 2" 4½" 6a. 1½"	15 Double
Zd.	Angle Girders	
7.	241" 9a. 41"	46. " Angle Strips, 2½"×1" 47. " 2½"×1½"
7a.	18¼" 9b. 3¼"	47. " " 2½"×1½" 47a. " " 3" ×1½"
8.	12½" 9c. 3"	47a. " " " " " " " " " " " " " " " " " " "
8a.	9½" 9d. 2½"	40a. " " 25 X
8b.	7½" 9e. 2"	48b, 31"×1"
9.	5½" 9f. 1½"	48c. ", ", ", 4½"×½"
11.	Flat Brackets	48d. ", " 5½"×½"
12.	Double Brackets	50a. Eye Pieces, with boss 52. Perforated Flanged Plates. 54" × 24"
12a.	Angle Brackets, 4"×4"	52. Perforated Flanged Plates, 5½"×2½" 52a. Flat Plates, 5½"×3½"
12b.	" " 1"×1"	52a. Flat Plates, $5\frac{1}{2} \times 3\frac{1}{2} \times \dots \times \frac{1}{2}$ 53. Perforated Flanged Plates, $3\frac{1}{2} \times 2\frac{1}{2} \times \frac{1}{2}$
	Axle Rods	53a. Flat Plates, 4½"×2½"
13.	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	54. Perforated Flanged Sector Plates
13a.	8" 16b. 3"	55. " Strips, slotted, 5½" long
14.	6½" 17. 2"	55a. " " " 2" "
15.	5" 18a. 1½"	56. Instruction Manual, No. 4-7
15a.	4½" 18b. 1"	56a. " " No. 00-3
16. 19.	Sign	56b. " " No. 0
19s.	Crank Handles, Large	56c. Meccano Standard Mechanisms Manua
19a.	Wheels, 3" diam., with set screws	56d. "Book of New Models
20.	Flanged Wheels, 11" diam	56f. Bound Manual
20b.	Flanged Wheels, 1k" diam	57. Hooks
	Pulley Wheels	57a. Scientific
19b.	3" dia, with centre boss and set screw	57b. " Loaded, Large
19c.	6" " " " " " " " " " " " " " " " " " "	
20a. 21.	117 " " " "	58. Spring Cord
22.	1 2 2	58a. Coupling Screws for Spring Cord 58b. Hook for Spring Cord
23a.	1"	58b. " Hook for Spring Cord 59. Collars with Set Screws
22a.	1 WILDON'S	61. Windmill Sails
23.	1"	62. Cranks
24.	Bush Wheels	62a. Threaded Cranks
25.	Pinion Wheels, 3" diam., 1" wide	62b. Double Arm Cranks
25a. 25b.	Pinion Wheels, ** diam., ** wide	63. Couplings
26.		63a. Octagonal Couplings
26a.	1" 1"	63b. Strip Couplings 63c. Threaded Couplings
26b.	1" 3"	C4 Decision
	Gear Wheels	65. Centre Forks
27.	50 teeth to gear with 1" pinion	
27a.	57	67. " 25. "
27b.	133 " " " " "(3½" diam.)	68. Woodscrews, 1,"
27c. 28.	95 ", "," ",(2½" diam.)	69. Set Screws
29.	Contrate wheels, 14 diam	69a. Grub Screws, 5/32"
30.	Bevel Gears 7" 26 teeth	70. Flat Plates, 51"×21"
30a.	Bevel Gears, 2", 26 teeth " " 12", 16 " Can only be " " 12", 48 " used together Gear Wheels, 1", 38 teeth	69b. ", 7/32"
30c.	" " 1½", 48 " Sused together	73. ", ", 3" × 11"
31.	Gear Wheels, 1", 38 teeth	76. Triangular Plates, 21"
		77. " " " " "
34.	Spanners	Screwed Rods
34b. 35.	Box Spanners	78. 11½" 80a. 3½" 79. 8" 80b. 4½" 2.
36.	Spring Clips Screw Drivers	70. 6 800. 44 W.
36a.		
36b.	" " Extra Long Special	80. 5" 82. 1" 89. 5½" Curved Strips, 10" radius
37.	Nuts and Bolts, 7/32"	200 20
37a.	Nuts	radius, 4 to circle
37Ь.	Bolts, 7/32"	89h 4" cranbed 41" radius
38.	Washers	90. 2½" " " Cranked, 4½ radius



76 000000000000000000000000000000000000	PLATES 53	146	77
134 64 166 194	ANKS AND C	COUPLINGS	155
63 63 63 63 63 MIS	171 140 80A	63B 63C 63C 63C	
(a) (b) (b) (c) (c) (d) (d) (d) (d) (d) (d) (d) (d) (d) (d	162 43	138A 66267	O I42A
106 169 169 169 169 169 169 169 169 169 16	3 0 8 57 122 578	157 157 15 R 65 59	56 49
159 57^ 200 94 163 341	120 120 120 1	158A G 50A	65 15

Particulars of Meccano Parts (continued)

No.			No.		
90a.	21" Curved Strips, cranked, 18" radius, 4 to circle		133a. (Corner Brackets, 1" Crank Shafts, 1" stroke	.(1
94.	Sprocket Chain		135.	Theodolite Protractors	
95.	Wheels 90 touth of the		136.	Handrail Supports	
95a.	, wheels, 36 teeth, 2 diam.		137.	Wheel Flanges Ships' Funnels	
95b.	The state of the s		138. 5	Ships Funnels	
96.	0 0 (0000000000000000000000000000000000		138az.	" Raked	R
96a.			139.	Flanged Brackets (right)	
97.	Braced Girders, 31 long		139a. 140.	(left)	•
97a.	, , 3" ,			Universal Couplings	
98.	21*		141.	Wire Line (for suspending clock	
99.	, , 121 ,		149 1	weights)	
99a.	91"			Rubber Rings, 3" rim Dunlop Tyre to fit 2" diam, rim	
99b.	71.	_	142b.	9"	
100.	5 " " " " m	6	142c.	, , , 3 , , , , , , , , , , , , , , , ,	
100a.	" " 44" "		142d.	11"	
101.	Healds, for looms		143. (Circular Girders, 51 diam	
102.	Single Bent Strips	-2	144. 1	Dog Clutches	
103.	Flat Girders, 51 long	-	145(Circular Strips, 71" diam. over-all	
103a.		- 1	146.	" Plates, 6" "	
103b.	, , 121, ,		146a.	. 4"	
103c. 103d.	" " 41. "		147. 1	Pawls, with pivot bolt and nuts	
103d.	3 3		147a. I	Pawls	
103f.	" " o1" "			Pivot Bolt with 2 nuts	
103g.	" " 2½" "			Ratchet Wheels	
103h.	" " 11" "			Collecting Shoes, for Electric Loco	
103k.	" " 1½" " " 7½" "			rane Grabs	
104.	Shuttles, for looms		151. I	Pulley Blocks, Single Sheave	
105.	Reed Hooks, for looms		152.	" Two "	
106.	Wood Rollers		153.	" " Three "	
106a.	Sand Rollers		154a. C	Corner Angle Brackets, 1, right	
107.	Tables for Designing Machines		154b. C	hand	
108.	Architraves Face Plates, 24" diam			Corner Angle Brackets, 1, left hand	
109.	Face Plates, 21" diam	- 1	156 I	Rubber Rings, §" Pointers, 2\frac{1}{2}" over all, with boss	
110.	Rack Strips, 31"		157. I	Zone Of diam	
110a.	64"			I am al A amora TT-ama-	
111.	Bolts, ?	- 1	158b.	" " Distant	
111a.	n 12			Circular Saws	
111c.	Cilla manager and		160. C	Channel Bearings, 11"×1"×1"	
113.	Girder Frames		161. C	irder Brackets, 2"×1"×1"	
114. 115	Hinges Threaded Pins		162. E	Boiler, complete with ends	
116.			162a.	" ends	
116a.	Fork Pieces, Large Small	- 1	162b.	" without ends	
117.	Cteel Della 8" diam			Sleeve Pieces	
118.	Hub Discs, 51"			himney Adaptors	
119.	Channel Segments (8 to circle,		165. S	wivel Bearings	
	11½" diam.)			and	a
120.	Buffers		167. C	eared Roller Bearings	-
120a.	Spring Buffers	10	167a. F	Roller Races, geared, 192 teeth	
120b.	Compression Springs		167b. F	Ring Frames for Rollers	9
121.	Train Couplings			Pinions for Roller Bearings, 16 teeth	
122.	Miniature Loaded Sacks	177	160-	Ball Bearings, 4" diam	
123	Cone Pullevs	- 1	1685	" Races, flanged disc	
124.	Reversed Angle Brackets, 1"		168c.	" " toothed "	
125.				" Casings, complete with balls Digger Buckets	
126.	Trunnions				
126a.	Flat Trunnions	- 1			
127.	Simple Bell Cranks				
128.	Boss Bell Cranks				
129.	Rack Segments, 3" diam			The state of the s	
130.	Triple Throw Eccentrics			lexible Coupling Unit	
131.	Dredger Buckets		176. A	nchoring Spring for Meccano Cord	
132.	Flywheels, 21" diam		177. S	hafting Standard, Large	
133.	Corner Brackets		1/0.	n small	
* 7	he series includes 26 funnels in the correct desi	ion a		of leading shipping companies	
	details and twices of all Mass	B ** **/		of teasing snipping companies.	
	dataile and buises of all Mass				

ARCCANO Hornby's Original System, First Patented 1901

PATENTS AND DESIGNS

reat Britain	Great Britain	Great Britain	Great] Britain	Australia
250,378	671,534	683.011	740,413	14388/14
253,236	671,790	698,054	740,723	15136/14
319,160	680,416	718,404	767,865	13460/19
323,234	682,208	718,731	LI ITTO ELLEVATO	
671,484	682,209	733,541		
671,485	682,934	733,542		

No Outfit is Genuine unless it bears the Trade Mark MECCANO

CONTENTS OF No O OUTEL

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	No.		-	mty.	No.			Quantity.	No.	Quantity.
	2.	51" Perforated Strips	100	4	23.	1" Pulley Wheel (with	nout Set	-screw) i	48A. 21" × 1" Double Angle Strips	2
	Falls.	2½" , , ,		A.	24.	Bush Wheel			52. Perforated Flanged Plate, 51	
1	10.	Flat Brackets		4	34.	Spanner		1	57. Hook 2.	1
	11.	Double ;		2	35.	Spring Clips		6		
	12.	Angle ,, ½"×½"		8	36.	Screwdriver	No. Ton	1	90A. Curved Strips, 2½" Small Rad	ius 4
	16.	3½" Axle Rods		2	37.	Nuts and Bolts, 32"		16	111c. Bolts, 🖁	6
	17.	2" ,, ",		2	37A.	Nuts		6	125. ½" Reversed Angle Brackets	2
	19s.	Crank Handle, Small 31" Sl	naft	1	40.	Hank of Cord		1	126. Trunnions 1	2
	22.	1" Pulley Wheels (with Set-s	screw)	4	44.	Cranked Bent Strip		1	126a. Flat Trunnions	2
							The second second	With the same of t		