

MECCANO

 $\begin{array}{l} \text{TRADE MARKS 296321, 501113, 76, 12633, 10274, 55/13476, 569/13, 884/25, 2913, 80, 124, 336, 4174, 91637, 83171, 157149, 32822, 200639, 209733, 214061, 214062, 12892, 29094, 33316, 1818, 16737, 383/13, 5848, 50204, 10/12258, 22826, 18982, 20063/925, 9048, 5549, 2189, 16900, 72286, 2389, 41812, 5403, 7315, 18066, 139420, 494933-4-5-6, 29041, 26877, 6595, 404718, 410379, 55096, 12240, 128922, 128922, 12892, 12892, 12892, 12892, 12892, 12892, 12892, 12892, 12892, 12892, 12892, 12892$

HORNBY'S ORIGINAL SYSTEM-FIRST PATENTED 1901

INSTRUCTIONS

FOR OUTFITS

Price 6d.

00-0

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No. 31.0

ENGLISH 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.

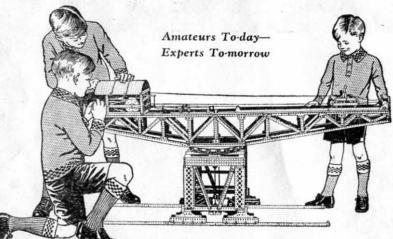
There is no limit to the number of models that can be built with Meccano-Cranes, Clocks, Motor Cars, Ship-Coalers. Machine Tools, Locomotives-in fact

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



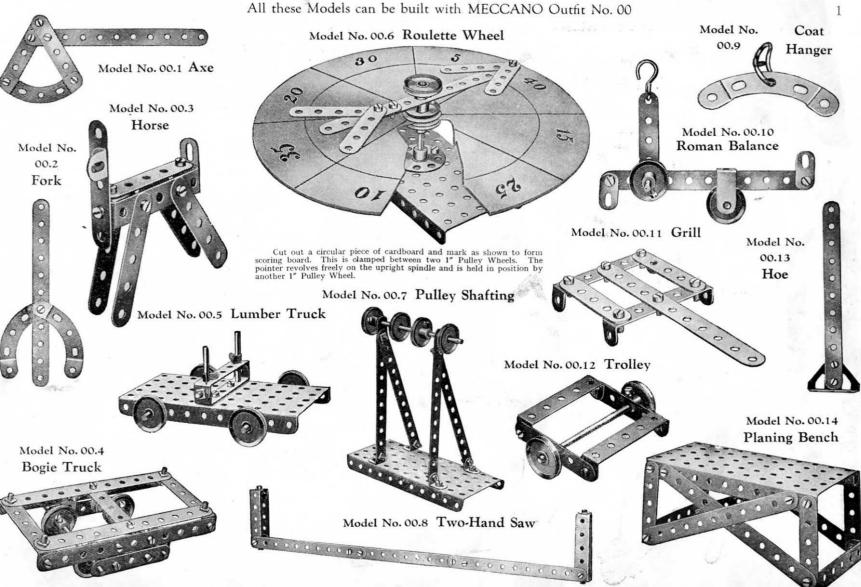
the one next higher by the purchase of an Accessory Outfit. Thus, a No. 00 may be converted into a No. 0 by adding to it a No. 00A. A No. 0A would then convert it into a No. 1, and so on. In this way, no matter with which Outfit you commence, you may build it up by degrees until you possess a No. 7 Outfit.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

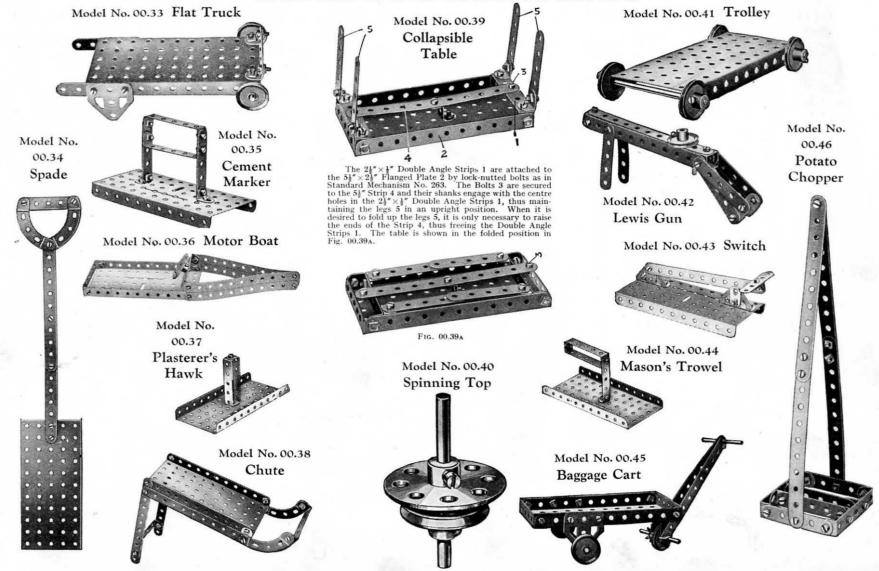
The "Meccano Magazine"

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.

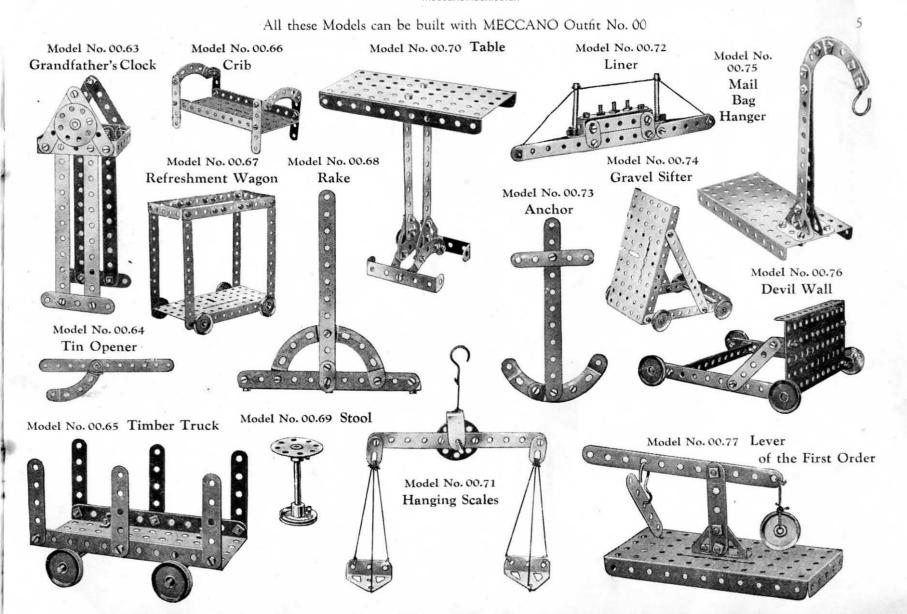
Meccano Service

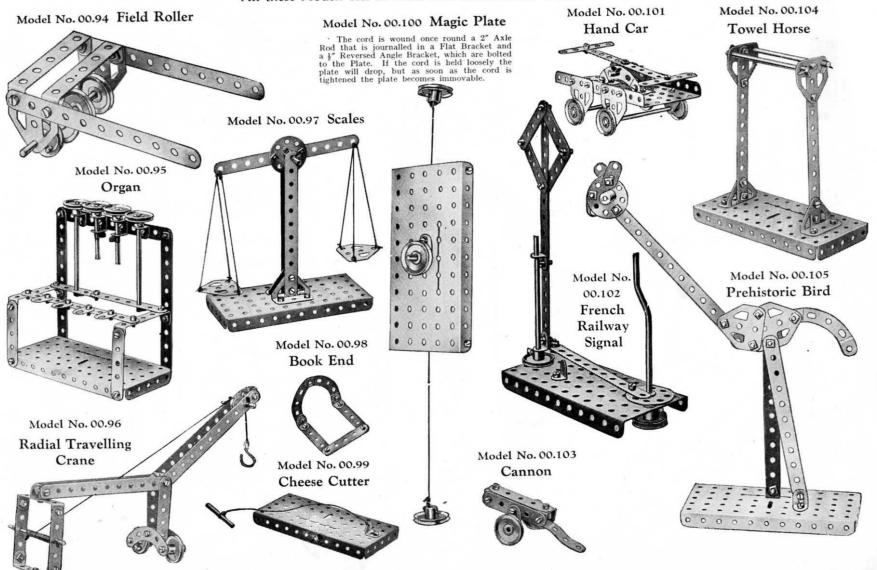
The service of Meccano does not end with selling an Outfit and an Instruction Manual. When you want to know something more about engineering than is now shown in our books, or when you strike a tough problem of any kind, write to us. We receive over 200 letters from boys every day all the year round. 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.



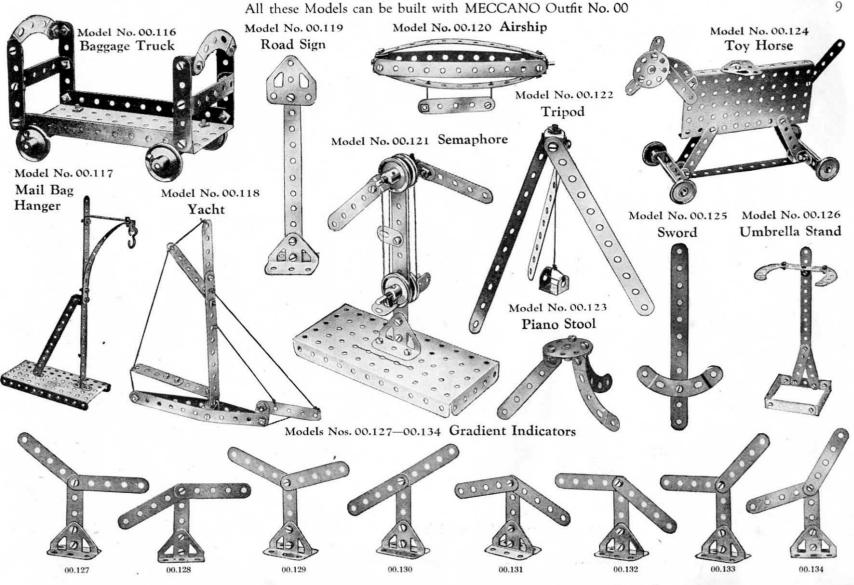


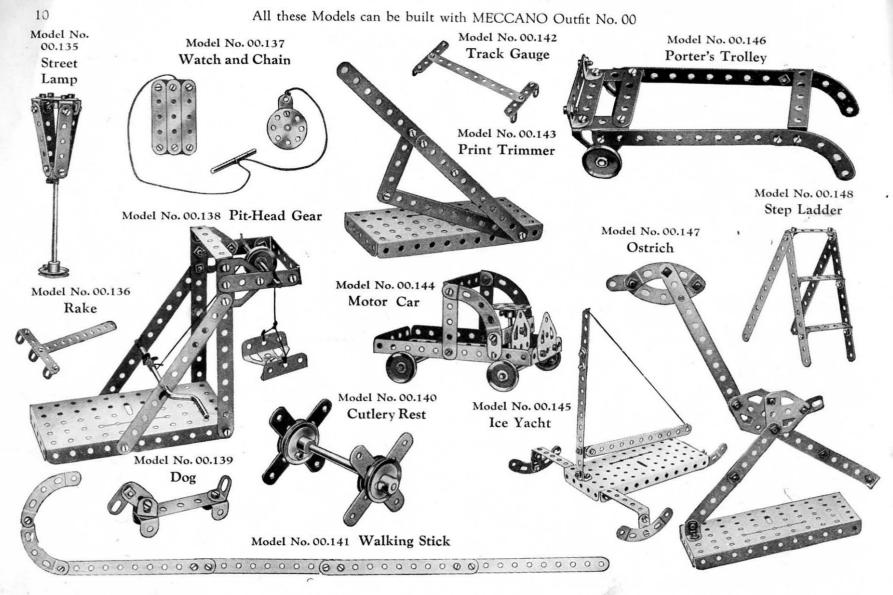
All these Models can be built with MECCANO Outfit No. 00 Model No. 00.47 Model No. 00.50 Model No. 00.54 Model No. 00.58 Tweezers Model No. 00.60 Road Sign Razor Buffing Spindle Battle Axe 0 0 0 0 Model No. 00.59 3-way Road Sign Model No. 00.52 2-way Sign Post Model No. (0000(50000) 00.51 Model No. 00.56 1-way 4-way Road Sign Model No. Model No. 00.53 Sign Post 00.55 Frame Aerial 00000000 Dividers Model No. 00.61 Ceiling Fan Model No. 00.48 Glider Model No. 00.62 Roundabout Model No. 00.49 Cart Model No. 00.57 Drinking Trough 00.0000000

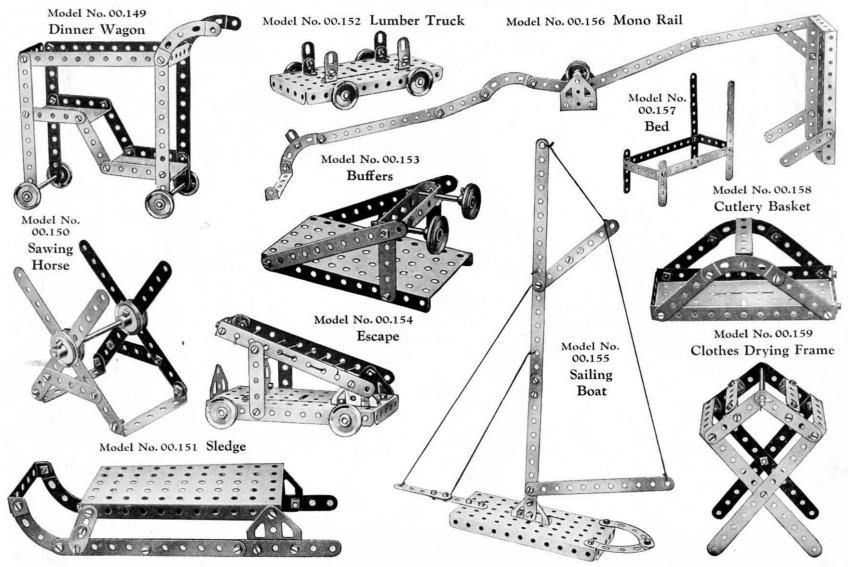


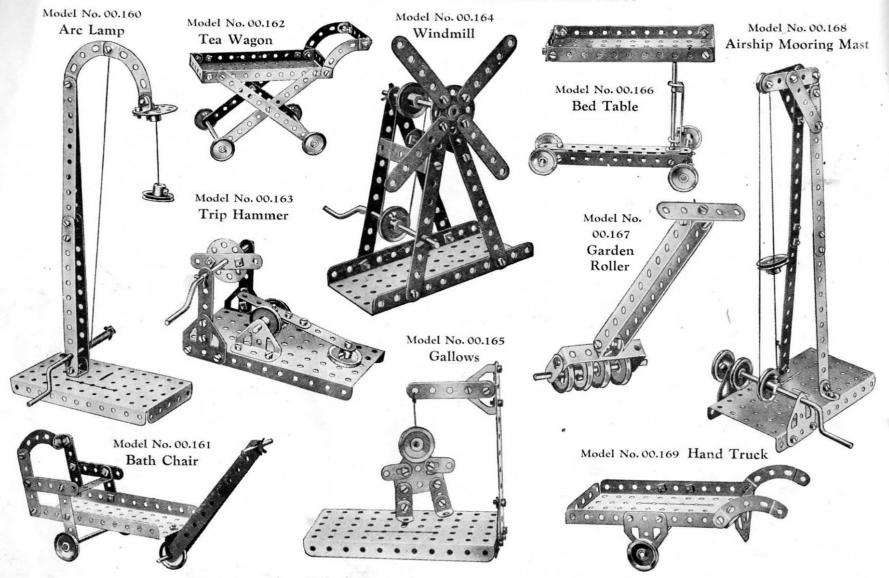


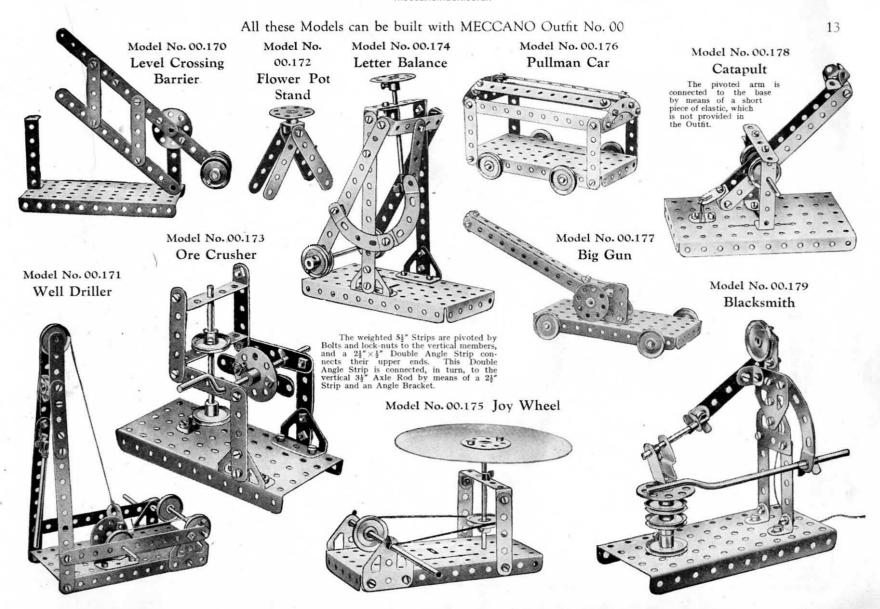


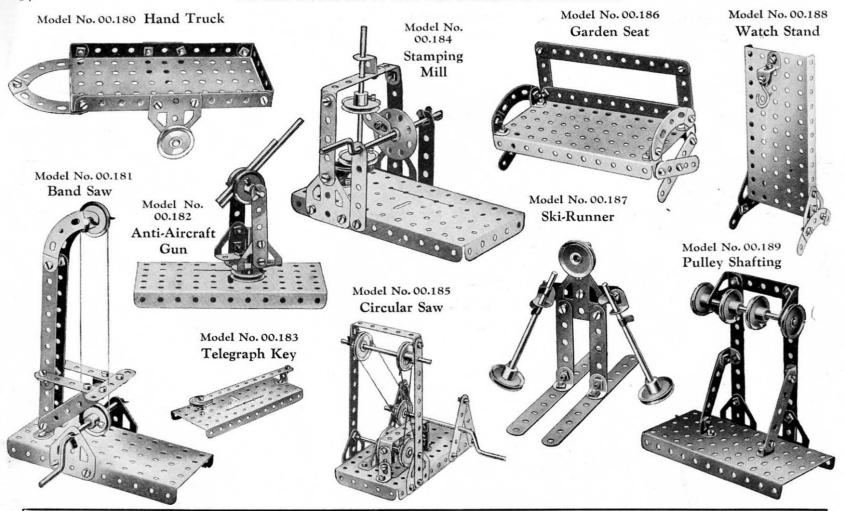






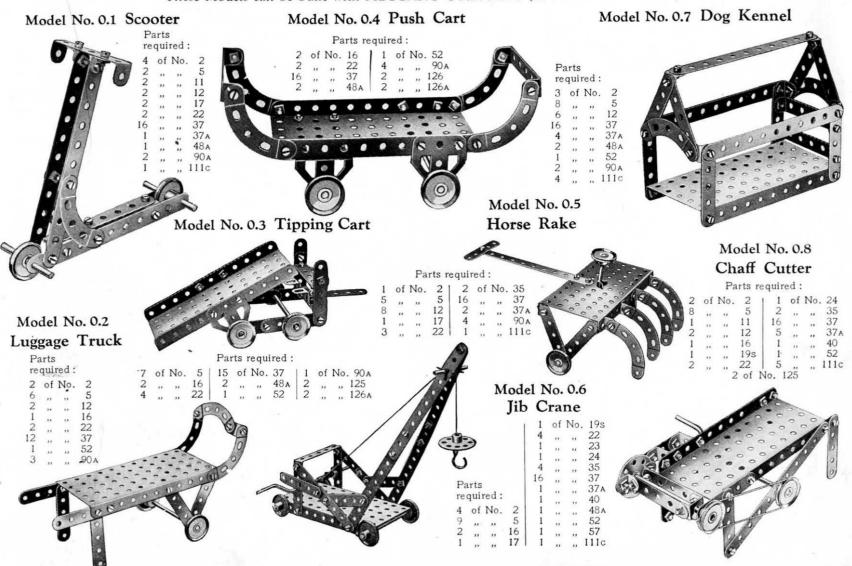


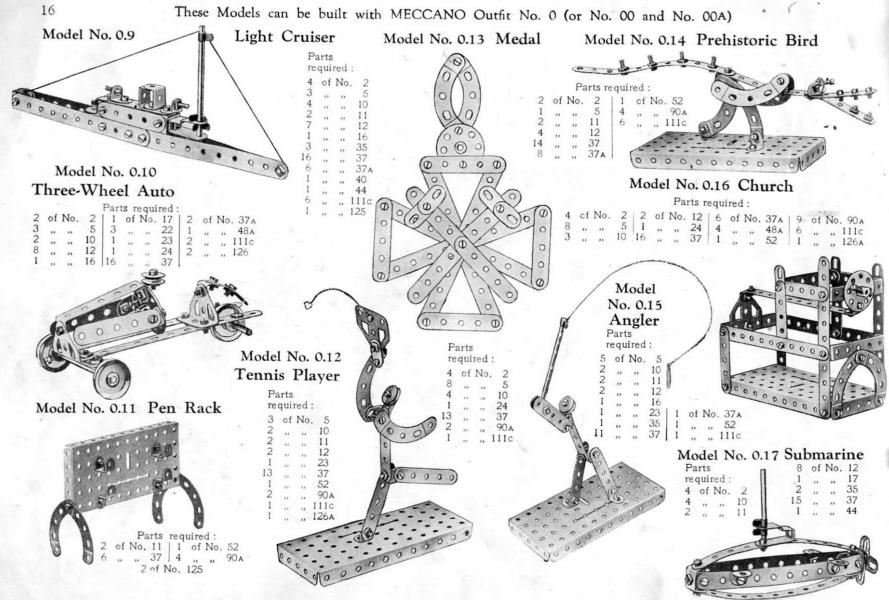


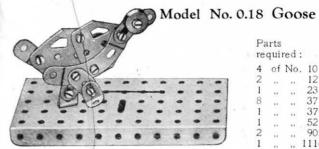


HOW TO CONTINUE

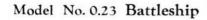
This completes our examples of models that may be made with MECCANO Outfit No. 00. The next models are a little more advanced, requiring a number of extra parts to construct them. The necessary parts are all contained in a No. 00A Accessory Outfit, the price of which may be obtained from any Meccano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

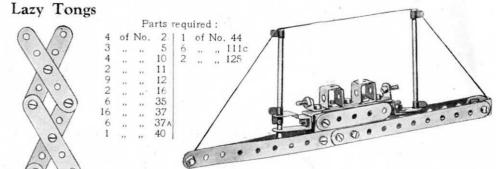




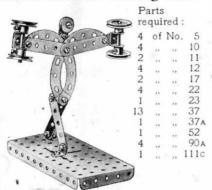


Model No. 0.22





Model No. 0.19 Strong Man



Model No. 0.20 Aeroplane

Parts

required:

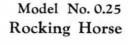
4 of No. 10

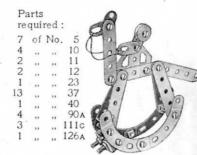


Parts required:

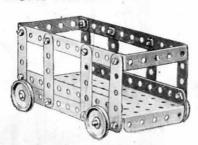
4	of	No.	2	8	of	No	. 37
3	,,	.,	5	1	,,*	,,	111c
2	,,	,,	12		,,	,,	125
1	**	2.2	24	1	,,	,,,	126a

Model No. 0.24 Gymnast





Model No. 0.21 Cattle Truck



Parts

re	qui	red:	
4	of	No.	2
8	3.1	· ·	5
2	22	11	16
4	**	,,,	22
16	.,,	١,,	37
2		**	37A
2		**	48A
1	**	.,	52

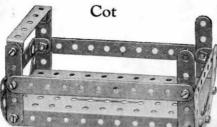


2 of No. 2

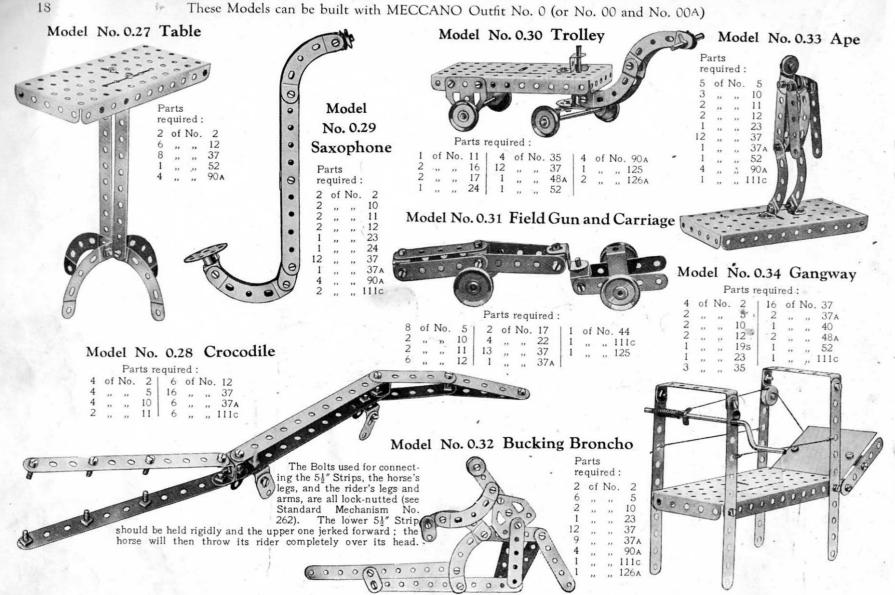
		. P	arts	requ	ure	a :	
2	of	No.	2	1 1	of	No.	24
4	,,	,,	5	12	,,	**	37
4	,,	,,	10	1	"	,,,	37 A
1	**	11	12	1	,,	,,	52
1	,,	**	16	1	,,	2.7	90 A
2	,,	**	22	: 1	,,	,,,	1110
1	,,	,,	23	L.			/

52

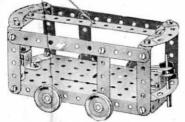
Parts required: Model No. 0.26







Model No. 0.35 Tramway Car



		Par	ts re	quir	ed :		
3	of	No.	2	16	of	No.	37
6	,,	**	5	6	,,	,,	37A
2		27	10	2	,,,	22	48A
2	**	,,	16	1	,,	"	52
2	**	,,	17	4	,,	**	90 A
4	,, '	,,	22	6	**	**	111c
6			35	2			125

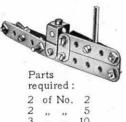
Model No. 0.36 Motor Boat



Model No. 0.37 Arm Chair

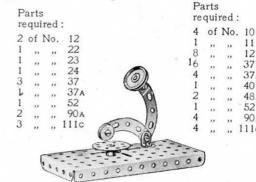


Model No. 0.38 Torpedo Boat

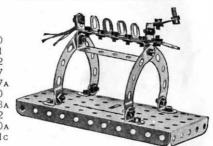


-	0.1	1.0.	-
2	,,	,,	5
.3	,,	,,	10
2	,,	,,,	11
2	,,	**	12
1	22	,,	17
11	,,	**	37
4	**	**	37A
5	**	,,	111c

Model No. 0.40 Gramophone

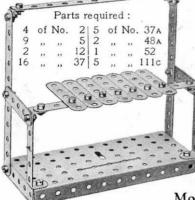


Model No. 0.43 Prehistoric Armadillo

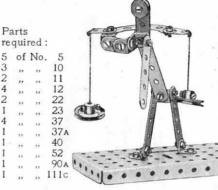


Model No. 0.44 Motor Cycle and Side Car

Model No. 0.39 Piano



Model No. 0.41 Milk Maid



Parts required:

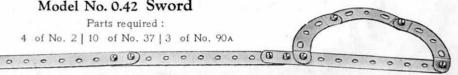
						100	
1	of	No.	5	10	of	No.	37
4	,,	,,	10	1	,,	,,	37A
2	,,	,,	11	1	,,	,,	44
3	**	**	12	3	**	,,	90 A
1	**	"	16	1	,,	,,,	111c
3	"	"	22	1	**	"	125
1	**	,,	23	1	,,	,,	126A

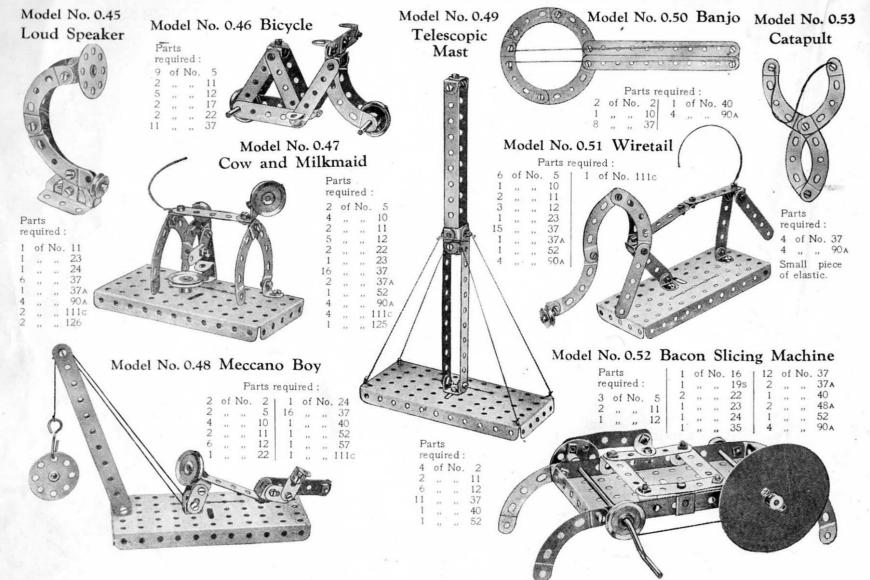
Model No. 0.42 Sword

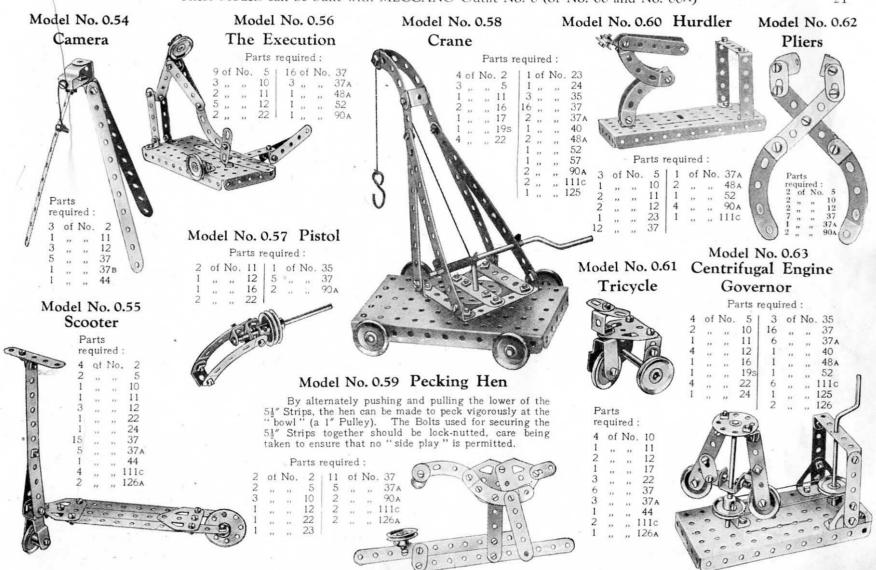
Parts

Parts required:

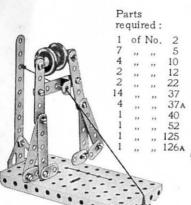
4 of No. 2 | 10 of No. 37 | 3 of No. 90A



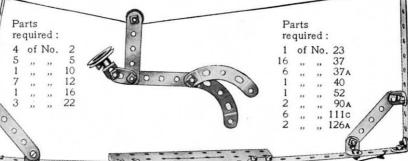




Model No. 0.64 Wrestlers



Model	No.	0.66	Aerial	Flight



Model No. 0.70 The Missing Link

	rts			
re	qui	red:		
4	o'f	No.	5	
4	,,	,,	10	
8	,,	,,	12	
1	,,	,,	24	
16	,,	,,	37	
6	,,	**	37a	
1	,,	"	52	1
4	"	,,	90 A	1
6	,,	"	111c	10
				-

Model No. 0.65 A Chase

Parts required:

1	of	No.	5	16	of	No.	37
1	,,		10	1	,,	"	37A
2	"	,,	11	1	"	11	52
1	"	**	12	4	"	**	90 A
1	"	"	22	2	"	"	111c
	"	"	23	1 2	"	11	126a

Model No. 0.68 Galvanometer

Parts required:

1	of	No.	12
1	,,	,,	17
5	,,	,,	37
4	,,	**	37A
1	"	,,	40
1	,,	"	52
4	"	,,	90 A
2	,,	33	111c
			- 6



Model No. 0.71

Steeple-chaser Parts required:

			1	cqu.				
7	of	No.	5	1	of	No.	37A	
4	,,	,,	10	1	,,	,,	48A	
1	,,	,,	12	1	,,	,,	52	
1	,,	"	23	4	.,	,,	90 A	
13	22	"	37	1	,,	>>	111c	
		1		1	,,	,,	126a	
		100			-			



Bullock Cart

Model No. 0.67

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

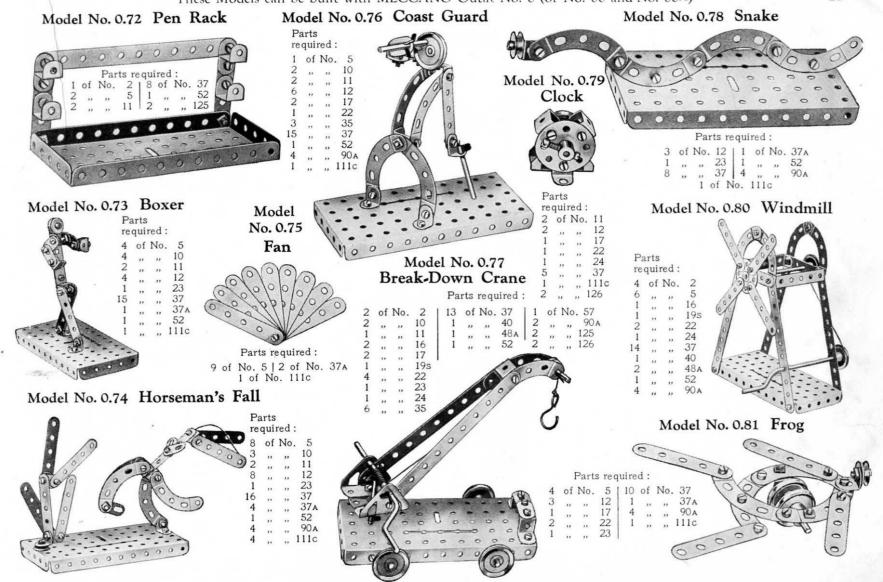


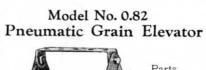


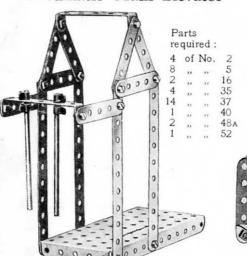
Parts required:

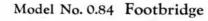
. 2	of	No.	5	113	of	No.	37
1	,,	***	11	1	,,	,,	52
1	,,	,,	17	4	,,	,,	37 52 90 A
1	,,	,,	24	2	11	"	126A

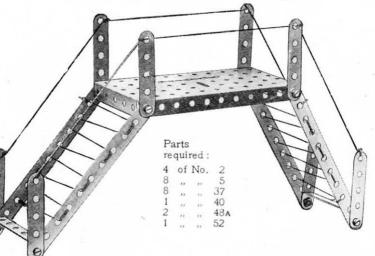






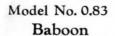






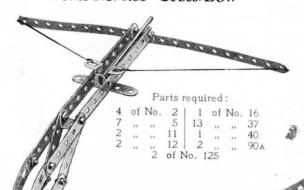
Model No. 0.86 Crane Grab







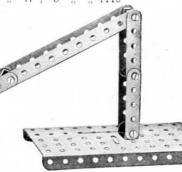
Model No. 0.85 Cross-Bow

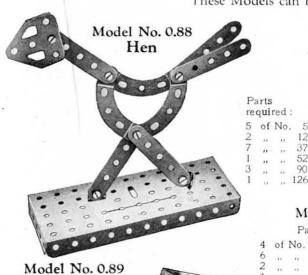


Model No. 0.87 Switchback

Parts required:

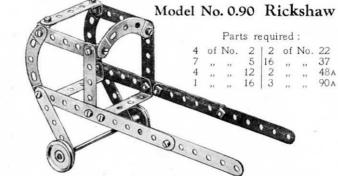
4	of	No.	2	2	of	No	22
4	,,	**	5	16	,,	**	37
1	22		10	3	12	12	37A
2	17	11	11	1	0.	-9	52
2	33	**	12	4	15	ir	90 A
1			17	.3			111c



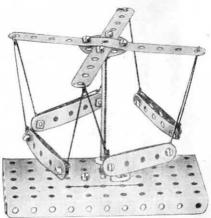


Grass Cutter

Parts required:



Model No. 0.93 Fly Boats



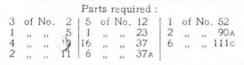
Model	No.	0.91	Rowing	Boat
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2	of	No.	2	113	of	No.	37
8	,,	22	5	1	,,	. ,,	40
1	**	11	16	1	**	,,	52
1			24	1			125

Model No. 0.92 Dinosaurus

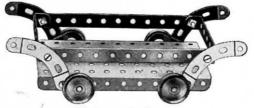




		1 6	11 (2	cqu	HIC	4 .		
8	of	No.	5	4	of	No.	37A	
4	**	115	12	2	,,	,,	48A	
2	22.	23	16	1	11:	"	52	
4	11	17	22	4	77	27	90 A	
6	11		37	4			111c	



Model No. 0.95 Trolley



Parts required:

2	of	No.	2	18	of	No.	37
2	,,	,,	16	8 2 1	,,	,,	484
4	"	",	22	No.	00	"	52
		4	OI	INO.	90	A	

Model No. 0.96 Pen Rack

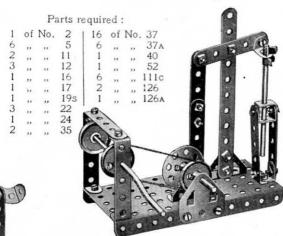


Model No. 0.97 Walking Man

Parts required:

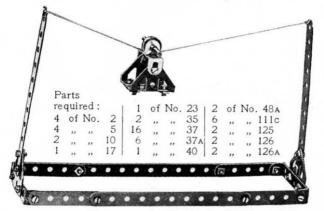
5	of	No.	
3	,,	,,,	10
2	,,	,,	12
1	,,	,,	22
7	**	**	37
.5			90

Model No. 0.98 Pump

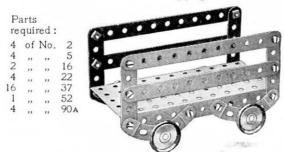


The connecting Strip is pivoted by Bolts and Nuts at one end to the Bush Wheel and at the other end to the cross beam. The latter is pivoted by the same means to the upright.

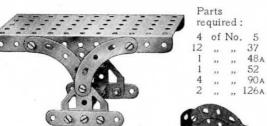
Model No. 0.99 Aerial Ropeway



Model No. 0.100 Luggage Truck



Model No. 0.101 Drafting Table



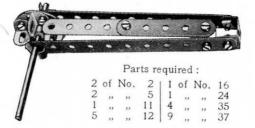
Model No. 0.102 Arm Chair

Parts
required:

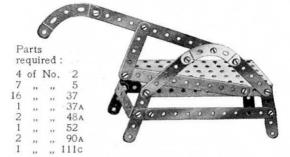
2 of No. 2
4 " " 5
12 " " 37
1 " " 48
1 " " 52
3 " " 90
A



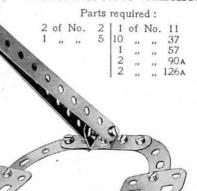
Model No. 0.103 Rattle



Model No. 0.104 Shearing Machine



Model No. 0.105 Anchor



Model No. 0.106 Portal

4	of	No.	2
2	"	21	11
8	22	**	12
1	**	,,	22
16	**	**	37
6	**	**	37 A
2	,,	**	48 A
1	,,	,,	52
4	,,	,,	90A
6	,,	,,	111c

Parte

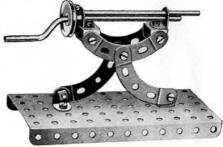
Modei No. 0.107 The Fencers

Parts required:

	8 2 6 2 2 4	33	12	10	4	"	"	37				
	0	"	22	12 16	1	"	,,	52 111				
	2	"	"		2 2	"	"	125	-	-	A	
	1	"	,,,	22 35	1 2	"		126		. 6	AD.	
300	4	21	22	35	1 2	**	22	120	A	1/87		
1								Ma	NE PE	1/4	1	
C.							5	200		SE's		
DOL.							10	SECTION 1	September 115	100.00	200000	
THE CO.										1000	12	
							Service Control			(2)		×
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	A	72								(F)		が変
		7	2 8				_			(F)	3	が変
1		7			-			2		(F)		が
		7			_			,		1	36.	The state of the s
		7			_					1		が変
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		3		•	ò							が
		3		•	ò			1000		(F)		直通

Parts

Model No. 0.108 Machine Gun



Parts required:

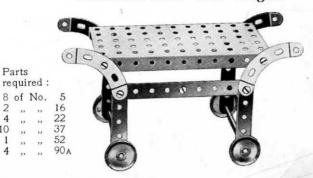
2	of	No.	11	1	of	No.	22
4	"	"	12	12	,,	,,	37
1	,,	,,	16	1	,,	,,,	52
1	,,	,,	19s	4	,,	,,	90A

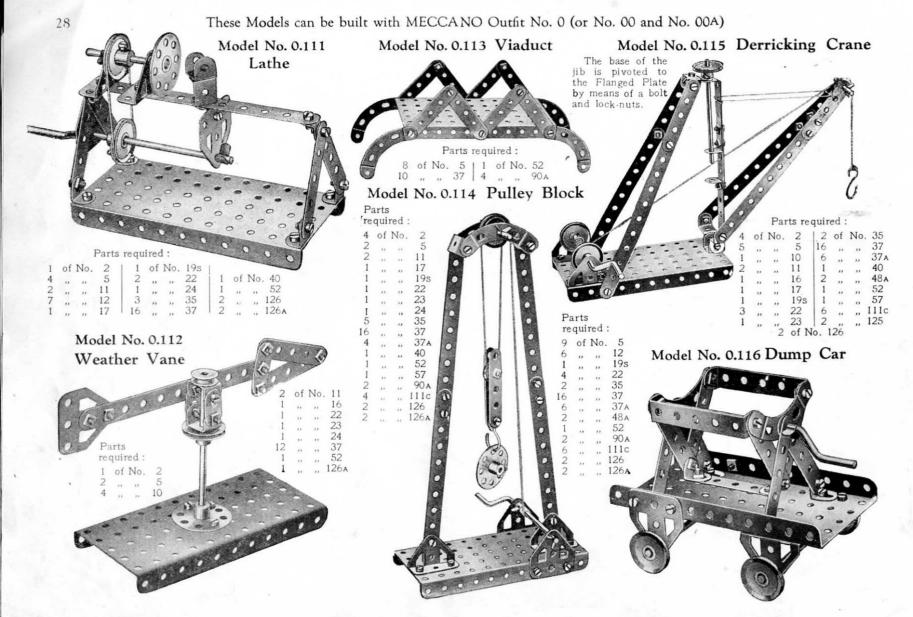
Model No. 0.109 Single Sheave Pulley Block

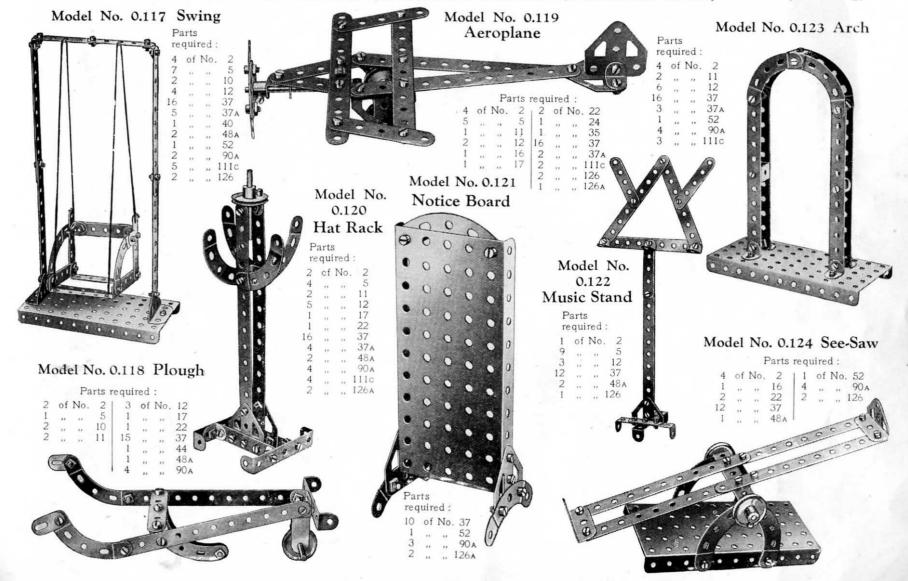


Parts required: 2 of No. 5 | 7 of No. 37A 1 ,, 23 | 1 ,, 57 3 of No. 111c

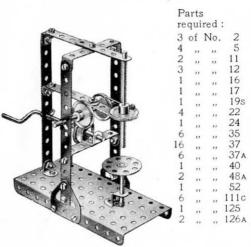
Model No. 0.110 Tea Wagon



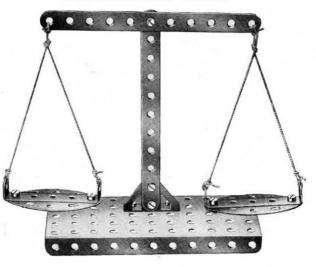




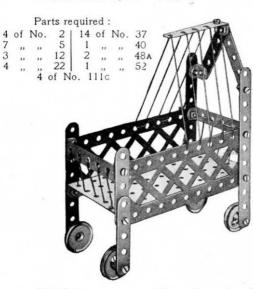
Model No. 0.125 Drilling Machine



Model No. 0.127 Scales

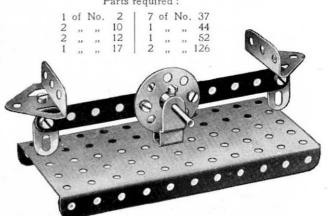


Model No. 0,129 Cot



Model No. 0.126 Counter Scales

Parts required:



Parts required:

2	of	No.	2	2	of	No.	48A
9	,,	,,	37	1	,,	,,	52
1	,,	,,	37A	4	,,	,,	90 A
1	72.0	1940	40	1	100	100	126

Model No. 0.128 Single Sheave Pulley Block

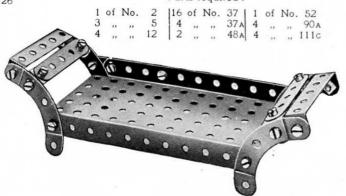


Parts required:

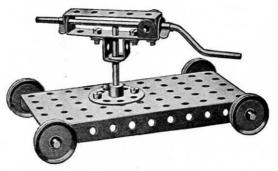
1	of	No.	23
12	,,	,,	37A
1	,,	,,	57
4	,,	,,	111c
2			1264

Model No. 0.130 Couch

Parts required:



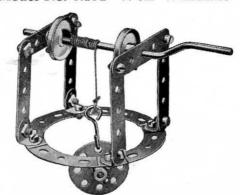
Model No. 0.131 Rock Drill



Parts required:

1	of	No.	11	4	of	No.	22	2	o f	No.	48A
2	,,	**	16 17	1	,,	,,	24	1	**	,,	52
1	,,	,,	17	2	,,	,,	35	2	,,	,,	125
1	,,	,,	19s	5	,,	,,	37				

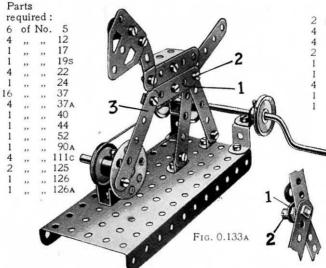
Model No. 0.132 Well Windlass



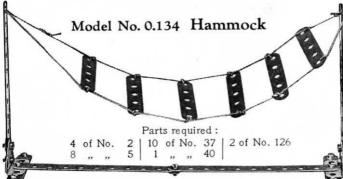
Parts required:

6	of	No.	5	2	of	No.	22	1	of	No.	40
4	.,	**	12	1	,,	,,	24	1	,,	,,	57
1	**		12 19s	12	,,	**	37	4	**	**	90 A

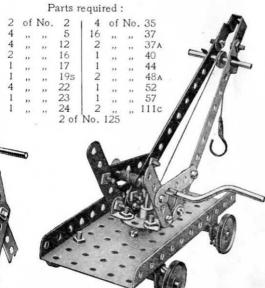
Model No. 0.133 Prancing Horse

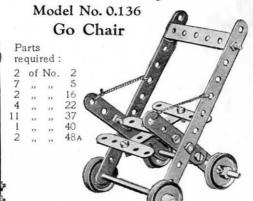


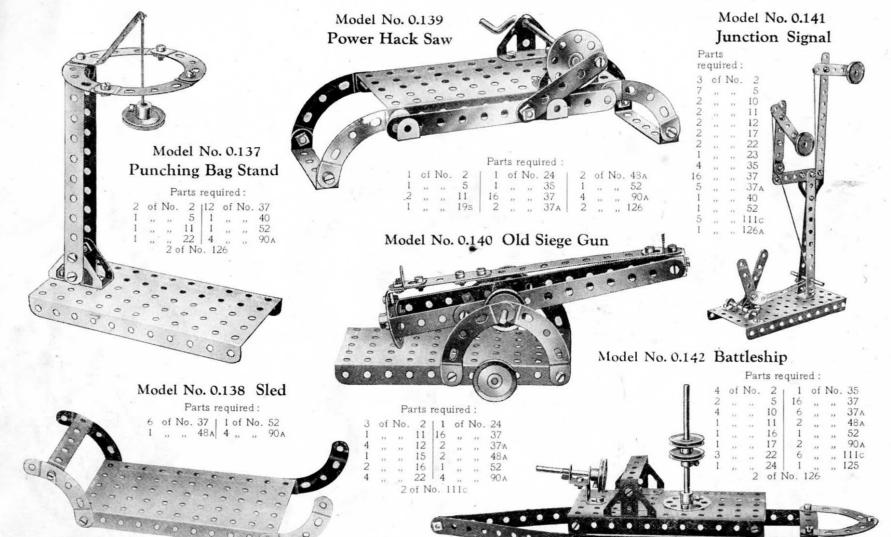
The Strip 1 forming part of the body is free to move about the Bolt 2, but two Nuts on the latter secure the rear legs and tail rigidly together. The arrangement of the various Strips about this Bolt 2 is shown more clearly in Fig. 0.133A. The Strip 3 is free to move at each end about pivots formed from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



Model No. 0.135 Swivelling Crane

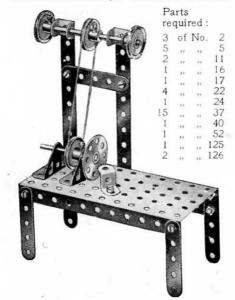


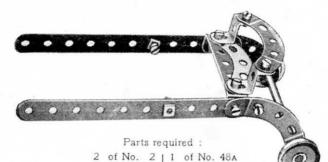




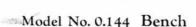
Model No. 0.145 Sulkey

Model No. 0.143 Bench Lathe



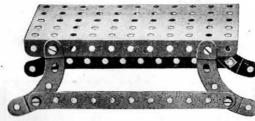


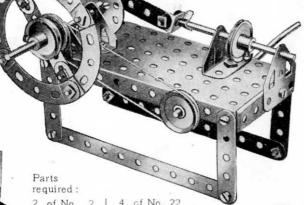
Model No. 0.146 Horizontal Engine

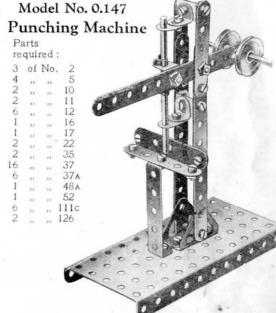


Parts required:

2 of No. 2 | 1 of No. 52 8 " " 37 4 " " 90A



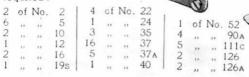


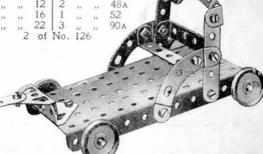


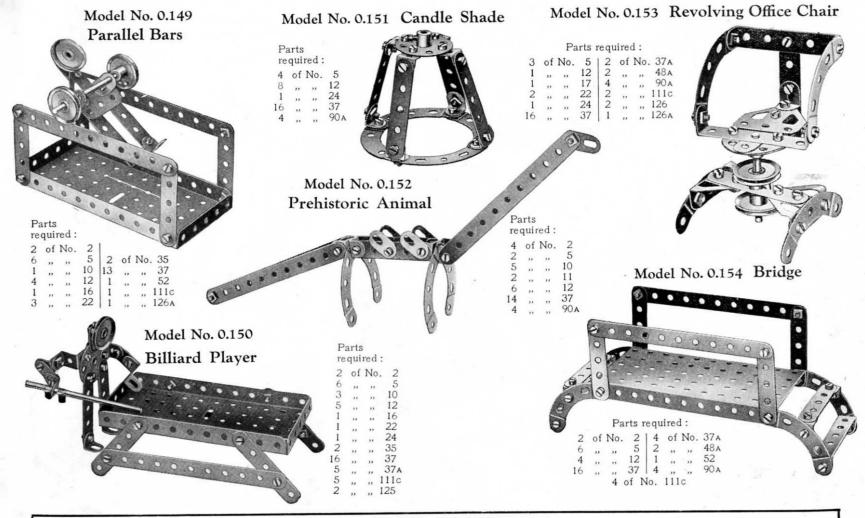
Model No. 0.148 Bath Chair

Parts required:

4	of	No.	5	116	of	No.	37
2	23	53	12			23.	48A
2	2.7	23	16		15	**	52
4	11	"	22		"	**	90A
		2	01	No.	12	6	B
							Ar I



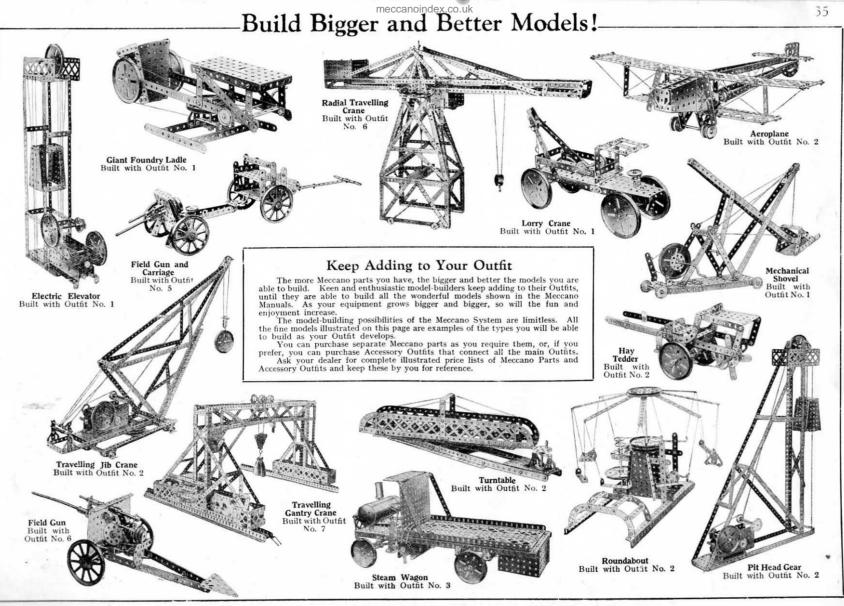




HOW TO CONTINUE

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.

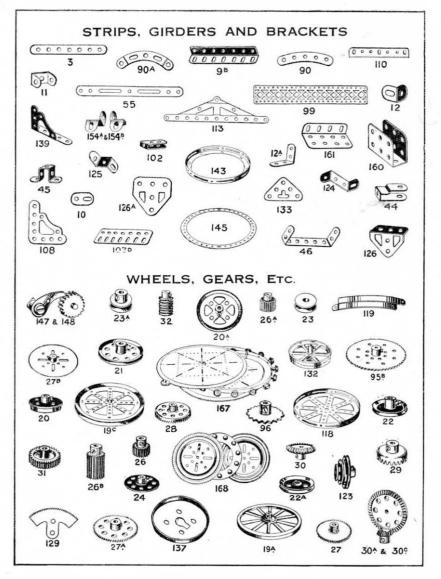


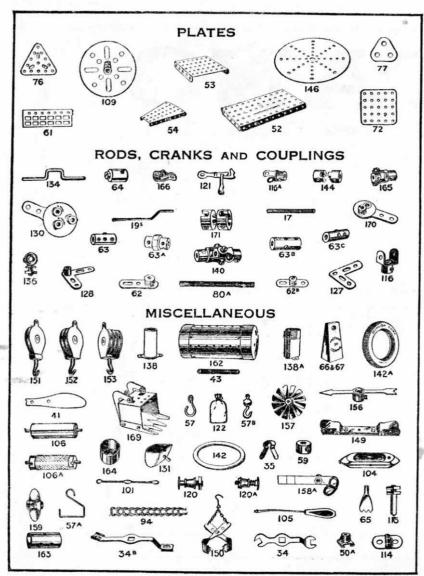
Particulars of Meccano Parts

	Lar	icuio	113
	Perfe	orated Strips	
No.		No.	
1.	121"	3. 3½ 4. 3 [#]	
1a.	91,"	4. 3"	
1b.	7.1"	5. 2½ 6. 2 ³	*
2.	51."		
2a.	$4\frac{7}{2}''$	6a. 1½	*
		gle Girders	
7.	24½" 18½" 12½" 9½"	9a. 4½	
7a.	181"	9b. 31 9c. 3	"
8.	121"	9c. 3 [#]	
8a	91"	9d. 2½ 9e. 2° 9f. 1½"	"
Sh	71"	90 25	
0	71" 51" Flat Prockets	9f 11"	
10	7½" 5½" Flat Brackets Double Brackets Angle Brackets, """		***
11	Double Preshets		
10.	A to Dro-t-ste	1// 1//	***
12.	Angie Brackets,	1,01,	***
12a.	21 11	1 × 1	***
12b.		1" × ½"	***
		Axle Rods	
13.	11½" 8"	16a. 2½ 16b. 3	***
13a.	8"	16b. 3"	***
14.	63."	17. 9"	
15.	6½" 5"	18a. 14	"
15a.	41"	18b. 1"	***
16.	31/2"	2375.000.007	
19.	Crank Handles.	Large	
195	3½" Crank Handles, Wheels 3" diam	Small	
19a	Wheels 3" diam	with set to	rews
20.	Wheels, 3" diam Flanged Wheels, "Pu	11" diam.	* 10.10.00
201	A Mingred Transcent	3"	
2217670	3" dia. with centr	Hey Wheels	
105	3" dia with cents	re boss and set	screw
100.	e"	e boss and set	SCICW
20a.	0" " "	**	**
201.	71" " "	**	**
21.	1½" " " " " " " " " " " " " " " " " " "	**	**
22.	1		**
23a.	± " "	12	9.7
22a.	i" ", without	**	36
23.	1	**	9+
24.	Bush Wheels		***
23.	Pinion Wheels,	diam., 4"	wide
25a.	., .,	1" ,, 1"	**
25b.		1" 1"	**
26.		1" 1"	**
26a.		1" " 1"	**
261		1 1	**
	" Go 50 teeth to gear v 57 " " 133 " " 95 " "	ear Wheels	
27.	50 teeth to gear v	with \" pinion	***
27a.	57	i"	
27b.	133	1"(31/	diam.)
27c	95	1" (2)	" diam.)
28.	95 ". ". Contrate Wheels	11" diam	
29.		9.00	
30.	Boyel Coars 7"	26 teeth	
30a.	Devel Gears, 8,	16 7 6	in only ha
200	" " "	19 "	ed together
30c.	Bevel Gears, "2", 12", Gear Wheels, 1", Worms	38 tooth	eu wegeiner
31.	Gear wheels, 1	, so teeth	
32.	Worms Spanners	*** *** ***	***

34b.			***
35.	Spring Clips	*** *** ***	***
36.	Screw Drivers		***
36a.	Spring Clips Screw Drivers	xtra Long	***
36D.	" " 5	pecial	***
37.	Nuts and Bolts,	7/32"	***
37a.	Nuts		
37b.			
	1975 - 1976 - 19		

No.	***					
38.	Washers				***	***
40.	Hanks o			***	***	***
41.	Propelle				***	***
43.	Springs	F		***	***	***
44.	Cranked	Bent St	rips	***		***
45.	Double	Angle St	**	***	***	
46.	**	Angle St	rips,	$24'' \times$.1"	* * *
47.	**	**	**	$21'' \times$	11"	***
47a.	**	**	**	3" ×	11"	
48.	**	**	**	11" >	1."	
48a.		**	**	21'' >	1"	
48b.	**	**	**	31">	1"	
48c.		**		45">	1"	
48d.	**	**		51">	1"	***
50a.	Eye Pie Perforat Flat Pla	ces, with	bos	5		25.55
52.	Perforat	ed Flans	red F	lates.	51"	× 21"
520	Flat Pla Perforat	tes 51"	× 31		20.2	
53	Perforat	ed Flans	red P	lates	31"	× 21"
532	Flat Pla	tes 41"	91	, in the s	02	~==
54	Flat Pla Perforat	ed Flan	rod	Santo	- DI	atos
55.	renorat	Strin	e ele	ttod	51"1	ong
55a.	,,,	Strip	5, 510	otted,	07 1	ong
ze.	Tourstand !!	ion Man	1.	No 1	7	**
56.	Instruct	ion Man	uai,	NO. 4	10	***
56a.	37	. 33		AU. U	1-13	
56b.	***	22		No. 0 No. 0	***	***
56e.	"			No. 0)	
56C.	мессанс	Standar	rd M	echan	isms	Manual
56d.		Book o	Ne	w Mod	lels	***
56f.	Bound M	lanual		***		***
57a.	" S	cientific		***		***
57b.	L	oaded				***
58.	Spring C	ord				
58a.	" Spring Coupling	Screws	for S	pring	Core	1
58b.	* *	Hook f	or S	pring	Core	1
59.						***
61.	Windmi	Il Sails	***			
62.	Cranks					00000
62a.	Cranks Threade Double	d Crank	\$			
62h	Double	Arm Cra	nke		***	
63	Coupling	re	шкэ		***	
620	Double Coupling Octagon Strip Co	al Count	iner		***	***
691	Ctrin Co	ar Coupi	mgs		***	
030.	Strip Co	uprings	***			
63c.	Threade	d Coupli	nigs	***	***	***
64.	C " -	Bosses		***	***	***
05.	Centre I Weights	OTKS	***	***	***	***
66.	Weights	, 50 grai	nme	8	***	***
67.	Woodser Set Scre	25 ,	,	***		***
68.	Woodser	rews, ½"	***	11.0	***	***
69.	Set Scre	ws		***	* * *	1.7.5
69a.	Grub Sc	rews, 5/3	32"	* + *		
69b.	27	. 7/3	32"	* + +	***	***
70.	Set Scre Grub Sc Flat Pla	tes, 51"	$\times 24'$		***	***
72.		21"	$\times 21'$			***
73.		3" >	11"			
76.	Triangul	ar Plate	s. 21	"		
77.			1"			
	**	Son	ewe	4 Rod	4	7.17
78.	111"	130.1	- met	800	31"	
79.	8"			80b.	41"	555
79a.	6"			81	9"	
	5"			81. 82.	1"	* * *
80.	51" ("	wood Stell	ne 1	0" ===	line	***
89.		ved Stri	ps, I	o rae	Tar	***
89a.	3",	, ,,	cra	nked,	14	
oot.	4"		radi	us, 4	to cr	reie
	4	, ,,	CLS	шкеа	. 44	radius
89b. 90.	21"	, ,,	0."	radi	-	





Particulars of Meccano Parts (continued)

No.		the state (continued)
		No.
90a.	2½" Curved Strips, cranked, 1%"	133. Corner Brackets
	radius, 4 to circle	133a. " 1"
94.	Sprocket Chain	
95.	" Wheels, 36 teeth, 2" diam.	136 Handrail Comments
95a.	,, 28 ,, 11"	197 Wheel Element
95b.	, 56 , 3*	120 CLI-11
96. 96a.	, , 18 , 17	1138az Polest
97.	Braced Girders, 3½" long	139. Flanged Brackets (right)
97a.		139a. " (left)
98.	21" "	140. Universal Couplings
99.	" " 121" " " " 91" "	141. Wire Line (for suspending clock
99a.	, , , , , , , , , , , , , , , , , , , ,	weights)
99b.	71-	142. Rubber Rings, 3" rim
100.	51"	142a. Dunlop Tyre to fit 2" diam. rim
100a.	41"	142b. " " " 3" " "
101.	Healds, for looms	142c. " " " " " " " " " 142d. " " " " " " " " " " " " " " " " " " "
102.	Single Bent Strips	143 Circular Circlere 51" diam " "
103. 103a.	Flat Girders, 51 long	144. Dog Clutches
103b.	" " 94 "	145. Circular String 71" diam over-all
103c.	" " 12½" " " " 4½" "	1 146. Plates 6"
103d.		11104. " " 1 " " "
103e.	" " 3½ "	147. Pawls, with pivot bolt and nuts
103f.	21"	147a. Pawis
103g.	2*	147b. Pivot Bolt with 2 nuts
103h.	117	148. Ratchet Wheels
103k.	" 7½" "	149. Collecting Shoes, for Electric Locos
104.	Shuttles, for looms	150. Crane Grabs
105.	Reed Hooks, for looms	159 Two
106. 106a.	Wood Rollers	153 Three
107.	Sand Rollers	154a. Corner Angle Brackets, 1", right
108.	Tables for Designing Machines	hand
109.	Architraves Face Plates, 2½" diam.	154b. Corner Angle Brackets, 1" left hand
110.	Rack Strips, 31"	155. Rubber Rings, §"
110a.	, , 6½"	156. Pointers 21" over all with bose
111.	Bolts, 1""	157. Fans, 2" diam.
111a.	" * ··· ··· ··· ··· ···	136a. Signal Arms, Home
111c.		150 Circular Come
113.	Girder Frames	160. Channel Bearings, 11" × 1" × 1"
114. 115.	Threaded Pins	101 Circles Develope Off 18 18
116.		162. Boiler, complete with ends
116a.	Fork Pieces, Large	162a. " ends
117.	Steel Balls, and diam.	162b. " without ends
118.	Hub Discs, 54" ,,	163. Sleeve Pieces
119.	Channel Segments (8 to circle,	164. Chimney Adaptors
	11½" diam.)	165. Swivel Bearings
120.	Buffers	166. End
120a.	Spring Buffers	167. Geared Roller Bearings
120b.	Compression Springs	167a. Roller Races, geared, 192 teeth 167b. Ring Frames for Rollers
121.	Train Couplings	167b. Ring Frames for Rollers
122. 123.	Miniature Loaded Sacks	100 P-II P
124.	Cone Pulleys	
125.	m. ". " " " "	168b. " toothed "
126.	Truncions " " 2	168c. , Casings, complete with balls
126a.	Flat Trunciana	169. Digger Buckets
127.	Simple Pell Creeks	170. Eccentrics, 4" throw
128.	Boss Bell Cranks	171. Socket Couplings
129.	Pagis Commonta 2" diam	172. Pendulum Connection
130.	T-1-1-Th- P	173. Rail Adaptor
131.	David David Control of the Control o	
132.	Flywheels, 2% diam	
	se series includes 26 funnels in the correct design	176. Anchoring Spring for Meccano Cord
	· · ·	and colours of leading shipping companies

MECCANO

Hornby's Original System, First Patented 1901

PATENTS AND DESIGNS

Great Britain	Great Britain	Great Britain	Great Britain	Australia
250,378	671,484	682,209	718.731	14388/14
253,236	671,485	682,934	733,541	15136/14
290,121	671,534	683,011	733,542	13460/19
319,160	671,790	686,112	740,413	
323,234	680,416	698,054	740,723	The state of the state of
648.958	682 208	718 404	THE WASHINGTON	

No Outfit is genuine unless it bears the Trade Mark MECCANO

CONTENTS OF No. O OUTFIT

		· CANADA TO THE PARTY OF THE PA					
7	No.	Quai	tity. No.		Quantity.	No. Qua	intity.
	2.	5½" Perforated Strips	4 23.	1 Pulley Wheel (without	out Set-screw) 1	48A. 2½"×½" Double Angle Strips	
	5.	21	9 24.	Bush Wheel		52. Perforated Flanged Plate, 51" × 21	
	10.	Flat Brackets	4 34.	Spanner	4 1		
	11.	Double ,,	2 35.	Spring Clips	6	57. Hook	r
		Angle " 1"×1"	8 36.	Screwdriver .	1	90a. Curved Strips, 2½" Small Radius	4
	100		1,14-11	Nuts and Bolts, 7"		111c. Bolts, §"	6
		2" ,,	The second second	. Nuts	6	125. 1 Reversed Angle Brackets	2
		Crank Handle, Small 31" Shaft		THE REAL PROPERTY AND ADDRESS OF THE PARTY AND	March Committee	126. Trunnions	2 .
		1" Pulley Wheels (with Set-screw)	The state of the s		THE RESERVE OF THE PERSON NAMED IN	126A. Flat Trunnions	2
		. I die wices (with Set-selew)	4 1 44.	Cranked Bent Strip	The state of the state of	120A. Flat Trummons	4