

# 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, 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, 41234, 8223, 1855

HORNBY'S ORIGINAL SYSTEM—FIRST PATENTED 1901

## INSTRUCTIONS

FOR OUTFITS

00 and 0



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Canadian Branch: Meccano Limited, 34, St. Patrick Street, Toronto

No. 32.0

Canada

## 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.

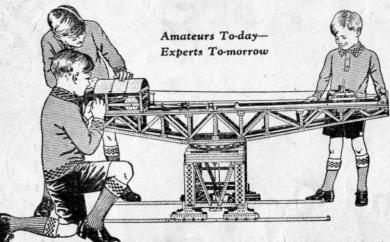
There is no limit to the number of models that can be built with Meccano-Cranes, Clocks, Motor Cars, Ship-Coalers, Machine Tools, Locomotives-in fact

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.

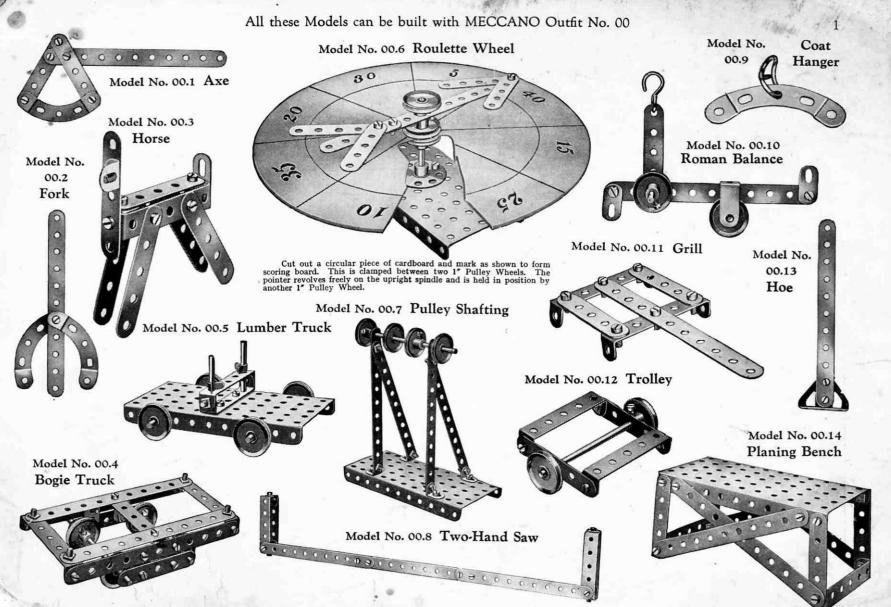
## The "Meccano Magazine"

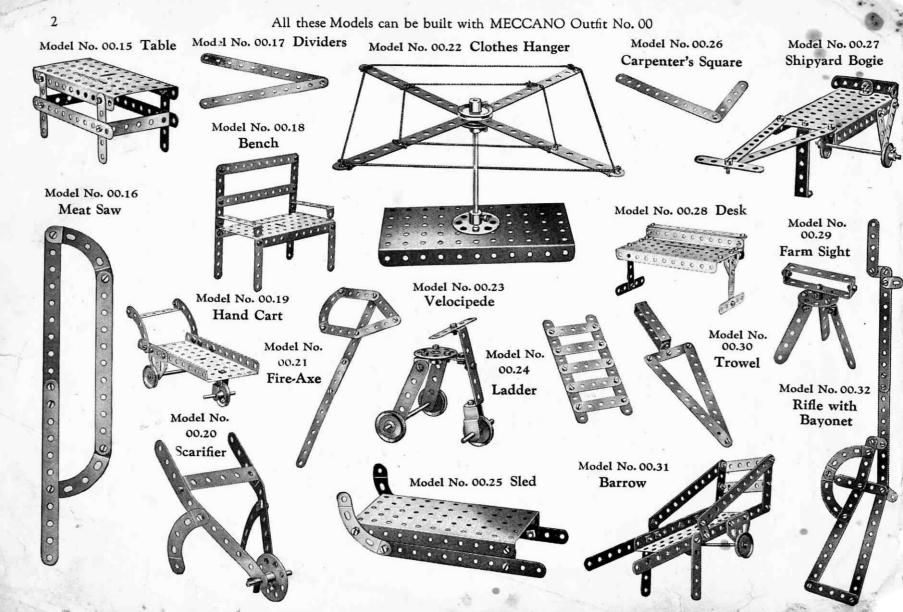
The "Meccano Magazine" is essential to the full enjoyment of the Meccano hobby. A section of it is devoted to the Editor's replies to his readers' enquiries; the progress of Meccano clubs throughout the world is reported; and full details are given of the latest model-building achievements. In addition, 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.

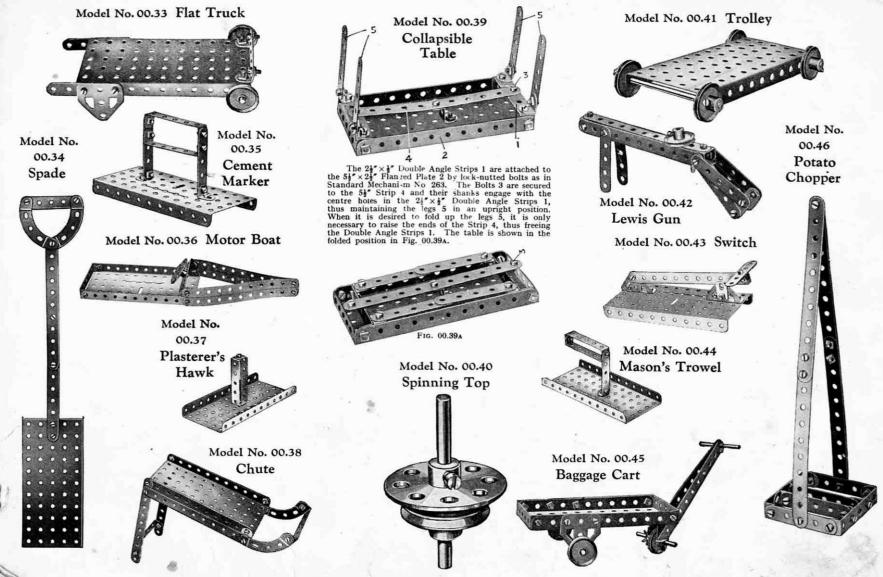
## Meccano Service

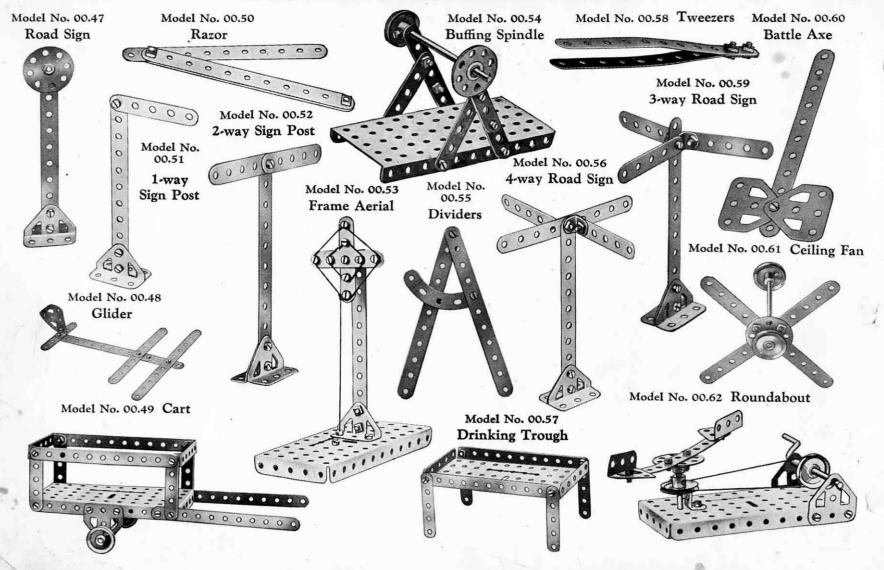
The service of Meccano does not end with selling an Outfit and an Instruction Manual. When you want to know something more about engineering than is now shown in our books, or when you strike a tough problem of any

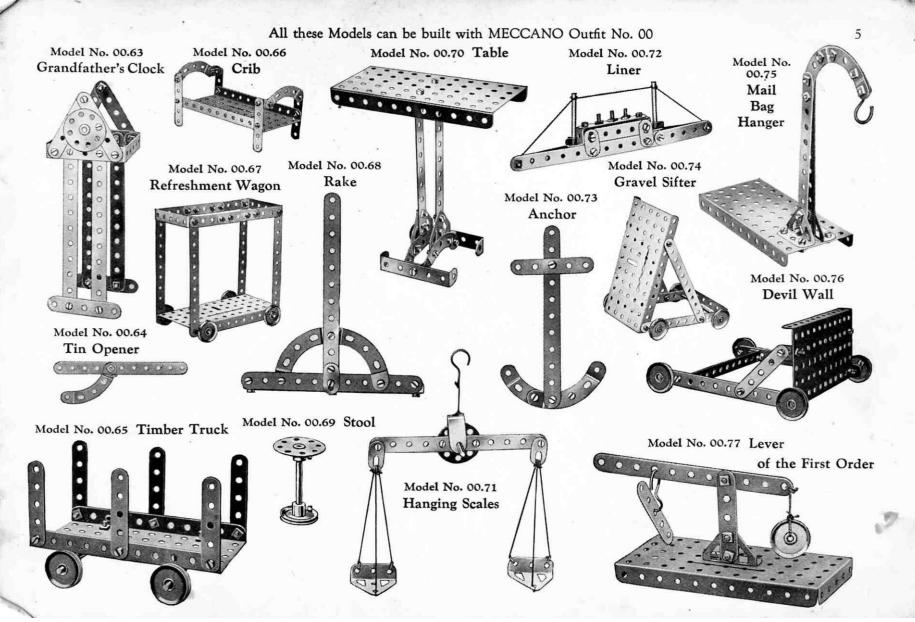
kind, write to us. We receive over 200 letters from boys every day all the year round. Although all kinds of queries are put to us on all manner of subjects, the main interest is, of course, engineering. No one has such a wonderful knowledge of engineering matters as that possessed by our staff of experts. 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.

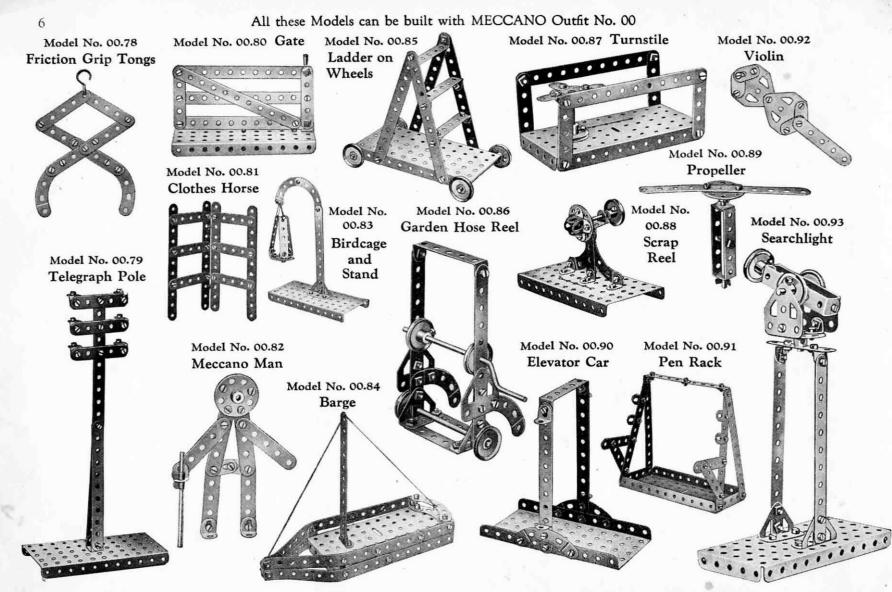


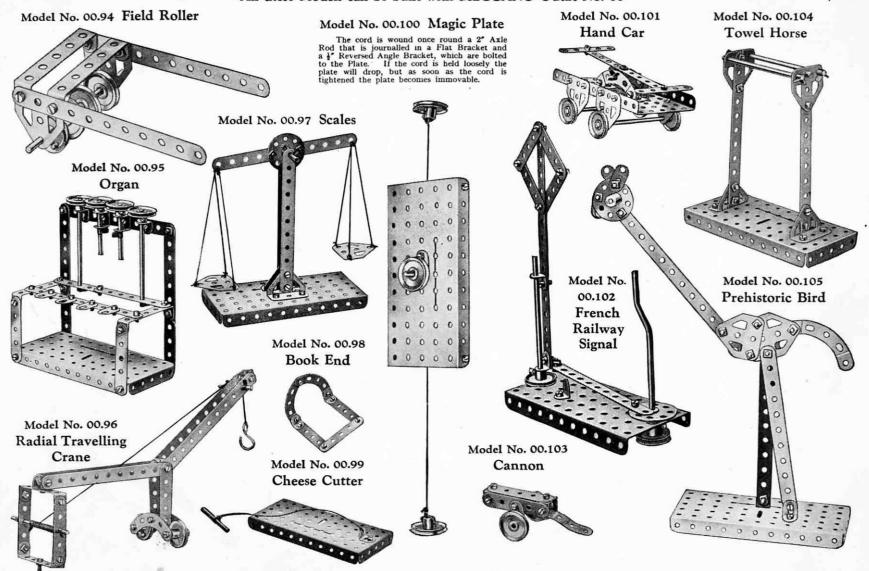


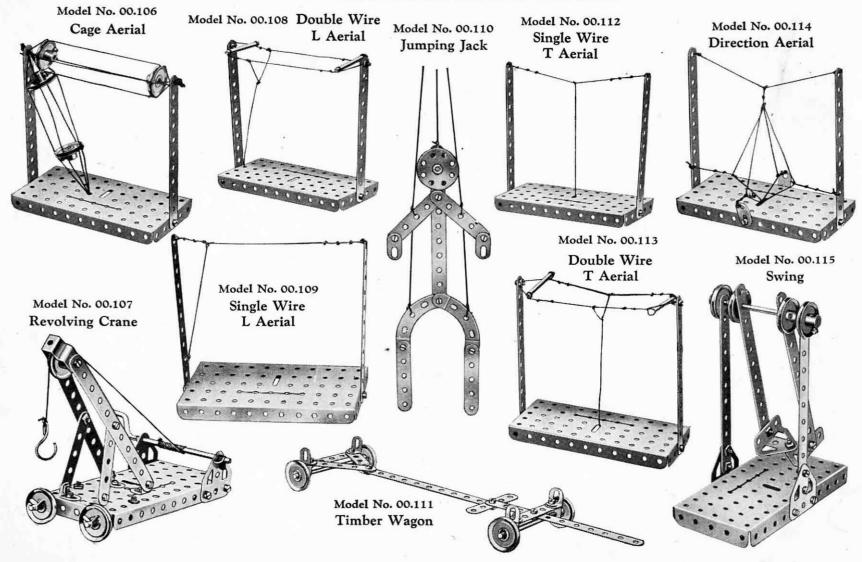


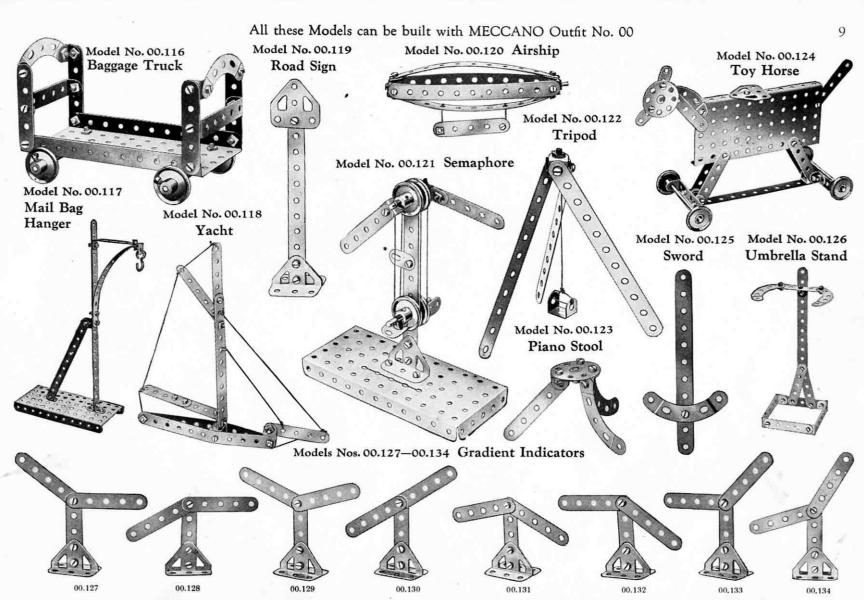


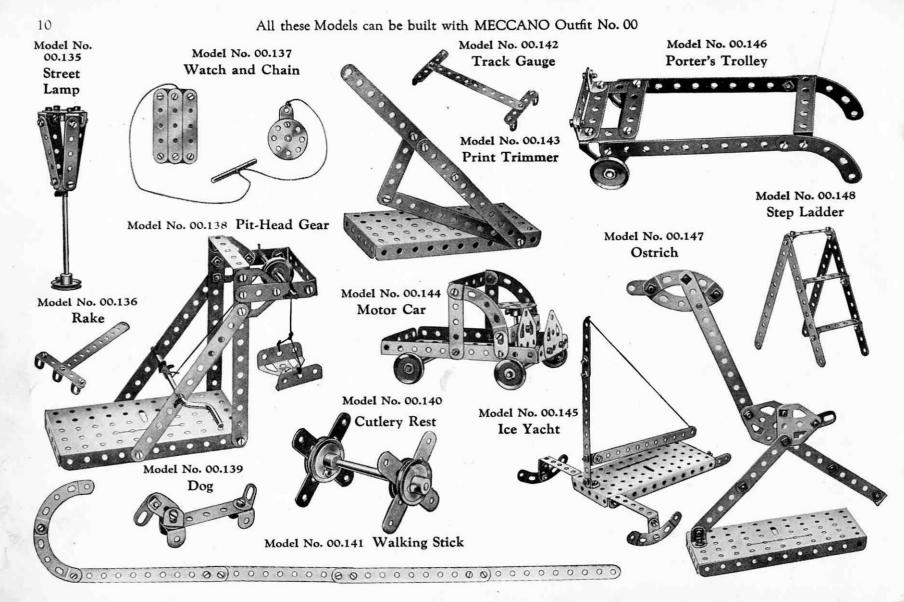


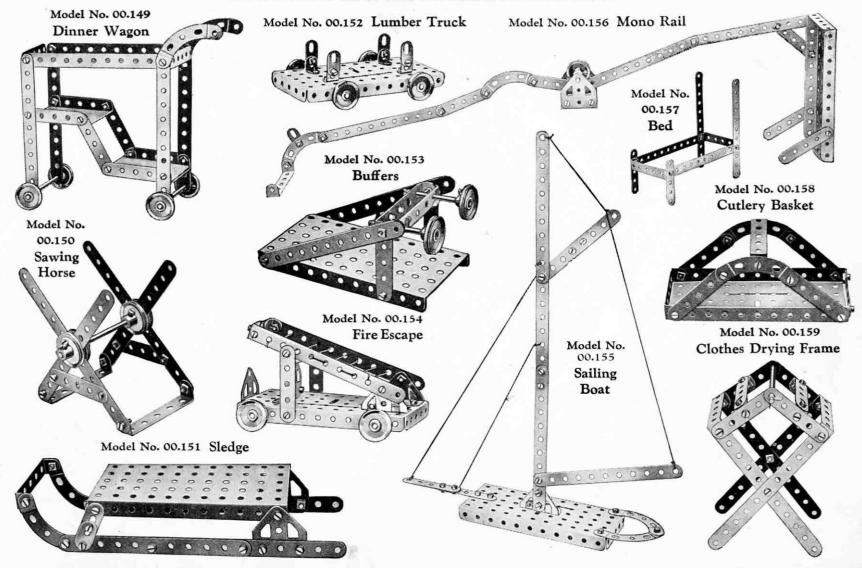


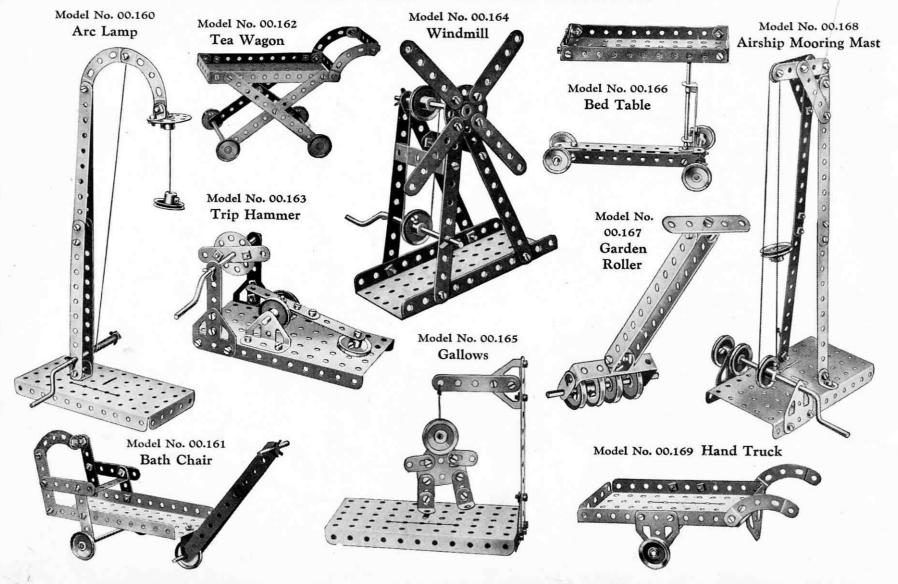


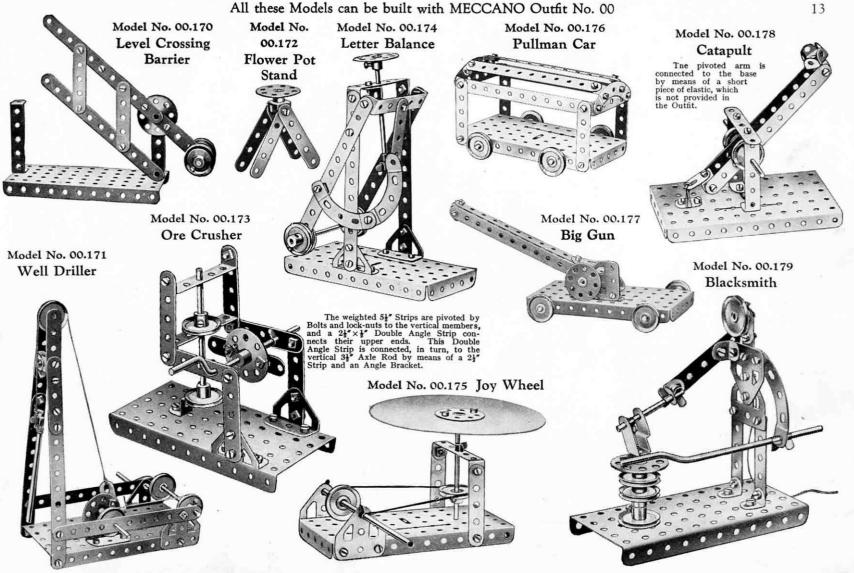


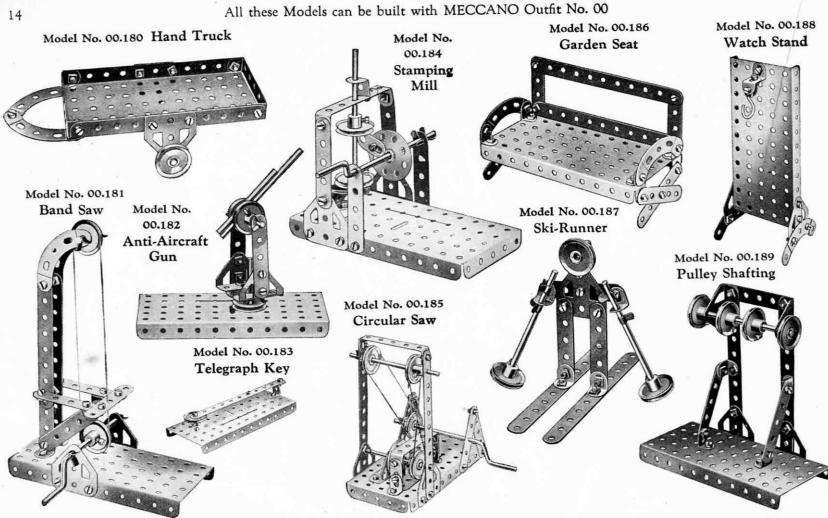






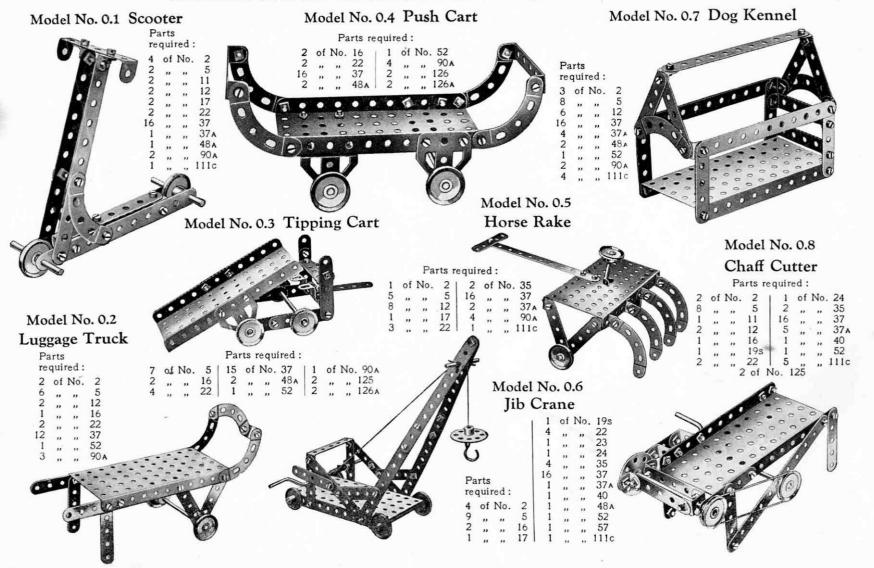






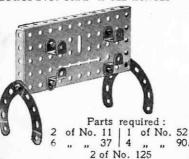
#### HOW TO CONTINUE

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.

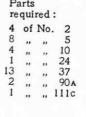




Model No. 0.11 Pen Rack

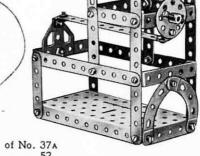




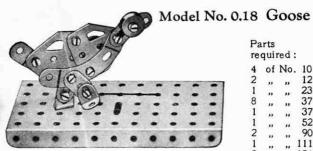




of No. 5



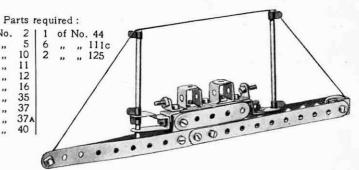
						No.	
uire	ed:		11	1	,,	,,	17
of N	Vo.	2	11		**	**	35
,,	,,	10	11	15	,,	,, -	37
,,	,,	11		1	**	"	44
	of N	of No.	10	of No. 2	of No. 2	of No. 2 2 ,,	of No. 2 2 ,, ,,



#### Model No. 0.22

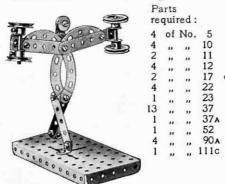
Lazy	longs
0	10
/	0/0/
	/e/
F	2/09
10	100 M
	/eX

## Model No. 0.23 Battleship



Parts required: of No. 5

## Model No. 0.19 Strong Man



## Model No. 0.20 Aeroplane

Parts

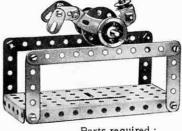
required:



Parts required:

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

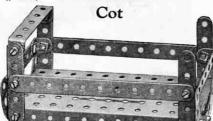
Model No. 0.24 Gymnast



	Parts required.							
2	of	No.	2	1 1	of	No.	24	
4	,,		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



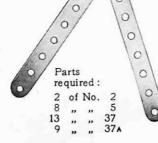
#### Parts required:

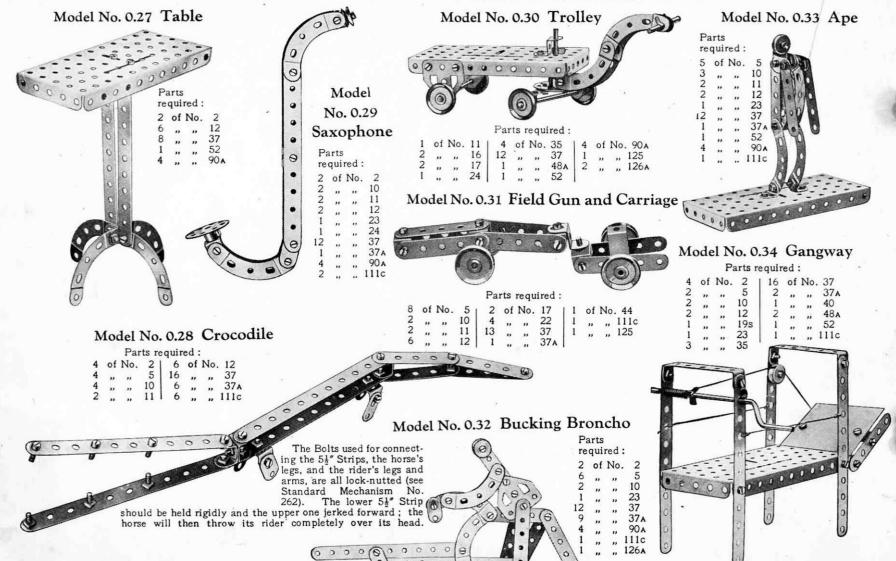


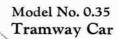
## Model No. 0.21 Cattle Truck Parts

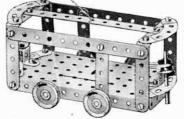


re	qui	red:	
4	of	No.	2
8	"	,,	5
2	,,	**	16
4	,,	**	22
6	,,	"	37
2	,,	"	37A
2	"	22	48A
1	,,	,,	52









		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



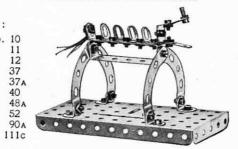
Pa	arts		
re	qui	red:	
2	of	No.	
2	,,	,,	

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

## Model No. 0.40 Gramophone

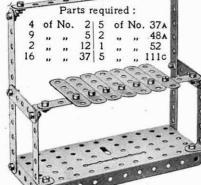
	art	s ired	•						qui	red	:
								4	of	No.	. 10
4	01	No.	12					1	,,	,,	11
1	,,	,,	22					8	,>	,,	12
- 1	"	"	22 23 24 37		1			16	,,	,,	12 37
1	,,,		24		((	0/1		4	,,	"	37A
3	"	,,	37		0			1	,,	"	
1	,,	"	37A			10		2	,,	,,	40 48 A
2 3	,,	**	52			0		1	,,	,,	52
2	"	,,,	90A	1	00	Va	1	4	,,		90 A
3	,,,	n	111c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

## Model No. 0.43 Prehistoric Armadillo

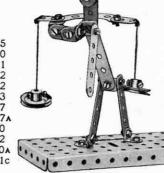


Model No. 0.44 Motor Cycle and Side Car

## Model No. 0.39 Piano



#### Model No. 0.41 Milk Maid



Parts

~				
	Parts	rea	uired	

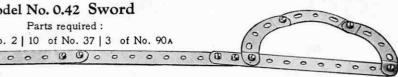
					57.5	2.00	
1	of	No.	5	10	of	No.	37
4	,,	"	10	1	,,	,,	37A
2	,,	,,	11	1	,,	,,	44
3	,,	,,	12	3	,,	"	90 A
1	**	,,	16	1	,,	,,	111c
3	,,	,,	22	1	,,	,,	125
1	**	,,	23	1	,,	,,	126A

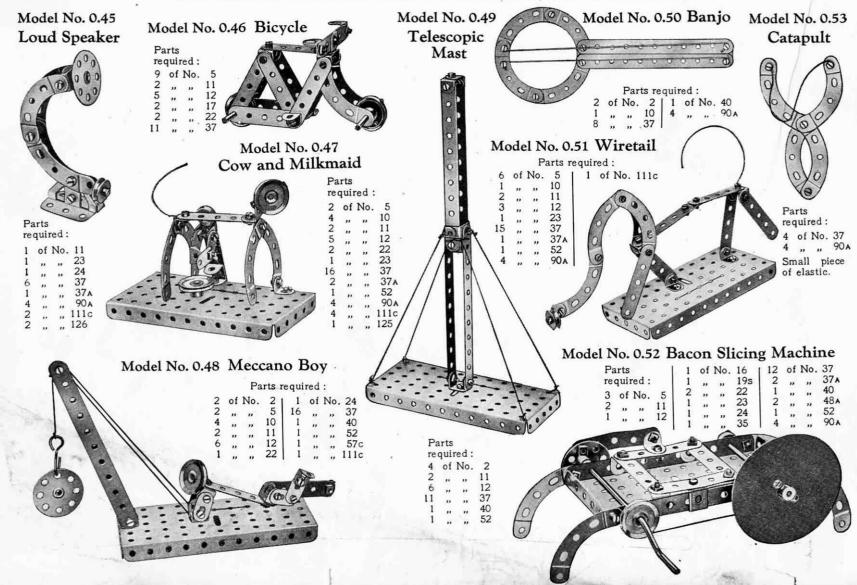
#### Model No. 0.42 Sword

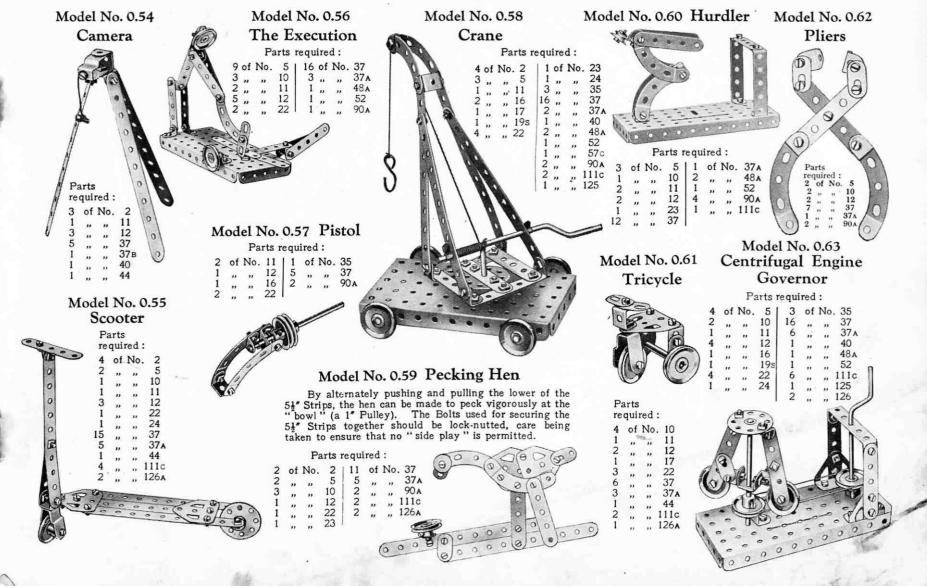
Parts required:

Parts required:

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







## Model No. 0.64 Wrestlers

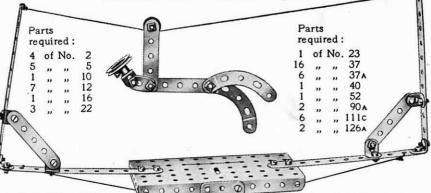


Model No. 0.65

A Chase

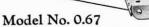
Parts required: of No. 5 | 16 of No. 37

## Model No. 0.66 Aerial Flight



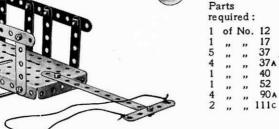
## Model No. 0.70 The Missing Link

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	A 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

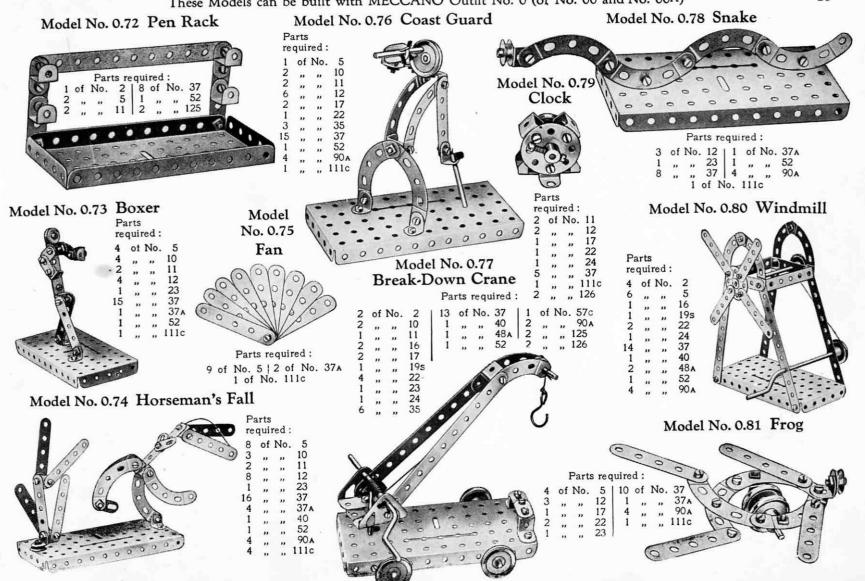
## Model No. 0.69 Coster's Barrow



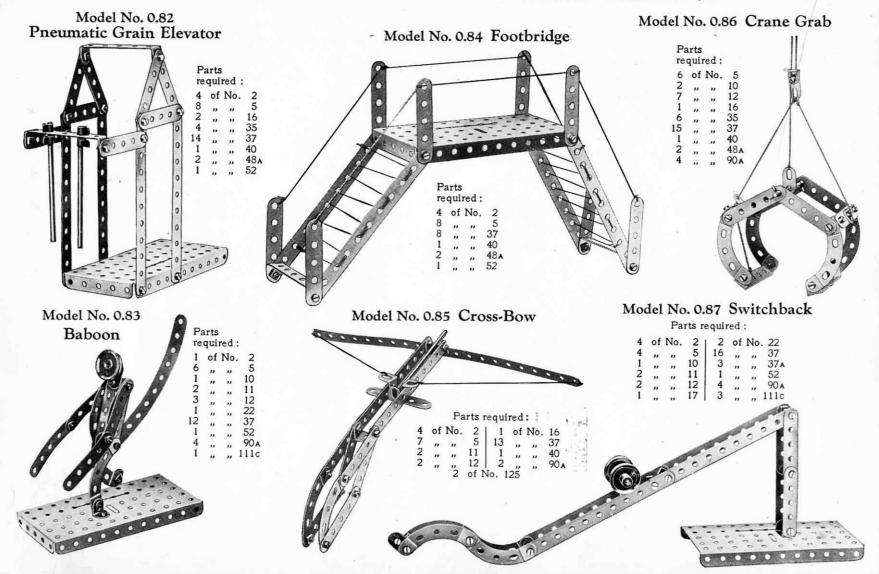
#### Parts required:

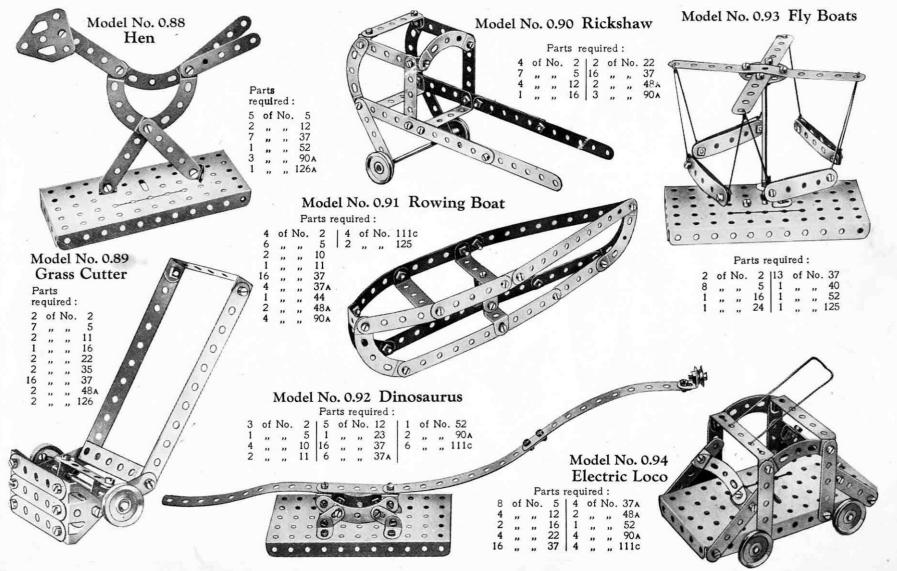
2	of	No.	5	113	of	No.	37
1		,,,	11	1	,,	,,	52
1	,,	,,	17	4	,,	,,	37 52 90 A
1	,,	,,	24	2	,,	,,	126A



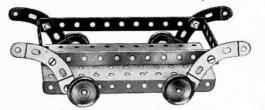


These Models can be built with MECCANO Outfit No. 0 (or No. 00 and No. 00A)





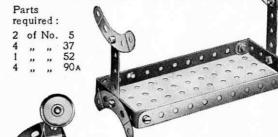
#### Model No. 0.95 Trolley



#### Parts required:

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

## Model No. 0.96 Pen Rack

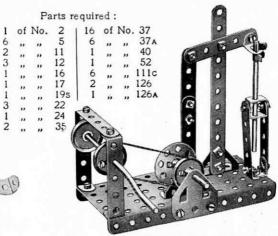


## Model No. 0.97 Walking Man

Parts required: 5 of No.

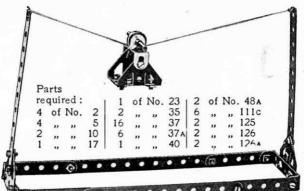
2 " " 10 2 " " 12 1 " " 22 7 " " 37 3 " " 90

## Model No. 0.98 Pump

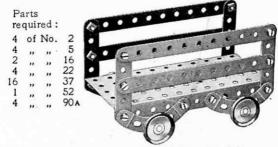


The connecting Strip is pivoted by Bolts and Nuts at one end to the Bush Wheel and at the other end to the cross beam. The latter is pivoted by the same means to the upright.

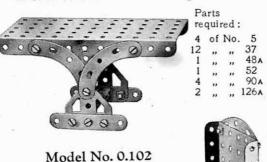
## Model No. 0.99 Aerial Ropeway



## Model No. 0.100 Luggage Truck



## Model No. 0.101 Drafting Table

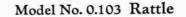


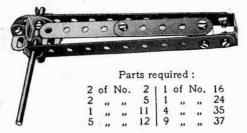
Arm Chair

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

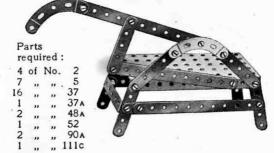
Parts

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





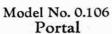
## Model No. 0.104 Shearing Machine



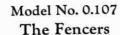
## Model No. 0.105 Anchor

Parts required:

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

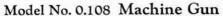


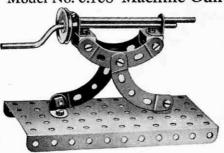
	arts		
re	qui	red	
	of	No.	2
2	,,	,,	11
8	,,	,,	12
1	,,	,,	22
16	,,	,,	37
6	,,	,,	37 A
2	,,	,,	48A
1	,,	,,	52
4	,,	,,	90A
6	,,	,,	111c



#### 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:

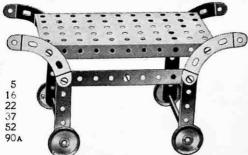
2	of	No.	11	1	of	No.	22
			12			,,	
1		,,,	16	1		,,	52
1	,,	,,	19s	4	,,	,,	90A

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

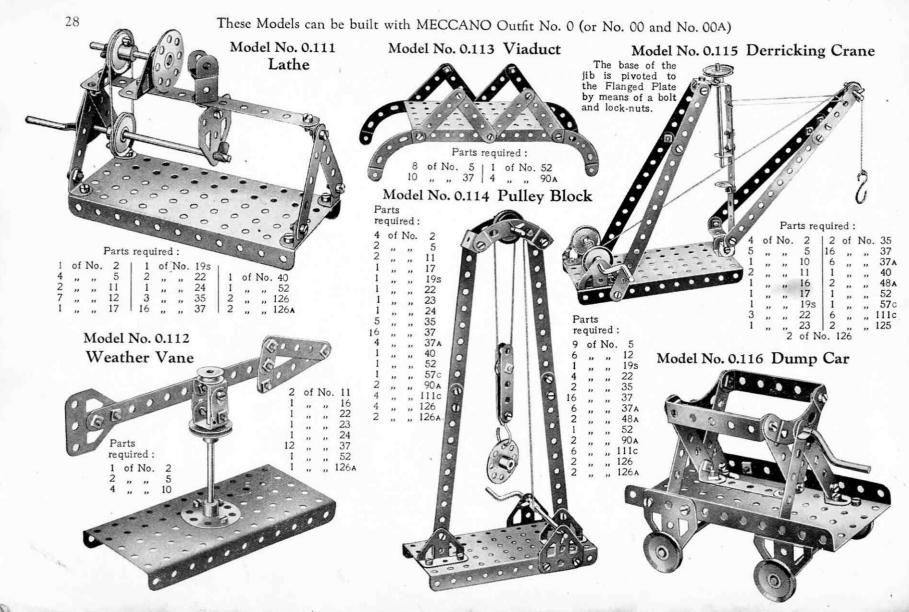
## Model No. 0.110 Tea Wagon

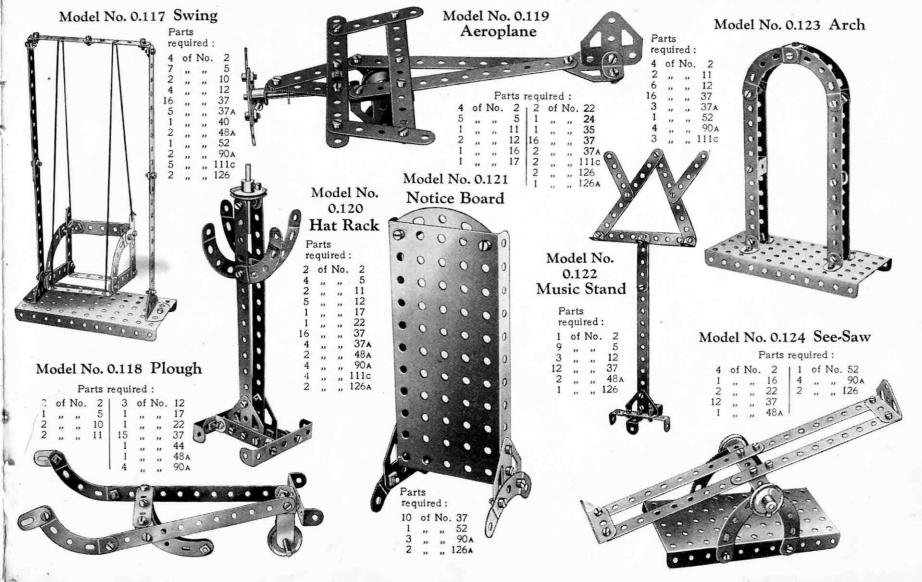




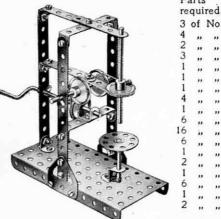






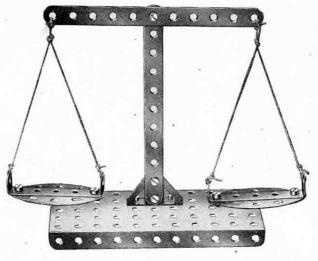


## Model No. 0.125 Drilling Machine

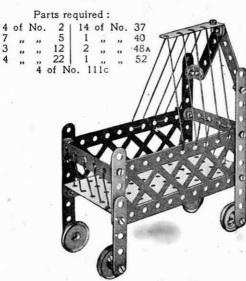


	arts	red :	
3		No.	2
4	,,	,,	5
2	,,	,,	11
3	"	"	12
1	,,	,,	16
1	,,		17
1	,,	,,	19s
4	**	,,	22
1	,,	"	24
6	"	"	35 37
16	•••	"	
6			37A
	,,		40
2		,,	48 A 52
6	,,	,,	111c
1		,,	125
2	"	"	126 A
2	"	"	120A

#### 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



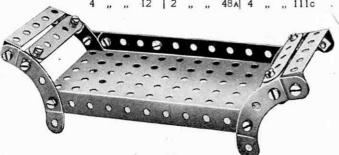
#### Parts required:

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

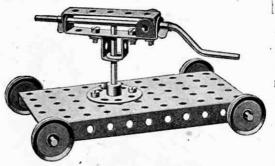
#### Model No. 0.130 Couch

#### Parts required:

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



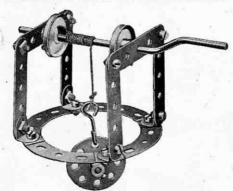
## Model No. 0.131 Rock Drill



#### 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



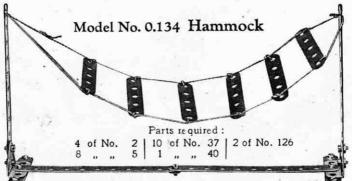
#### Parts required:

						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

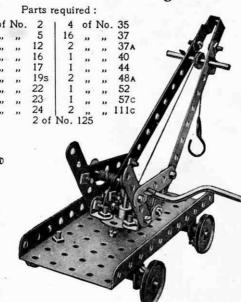
## Model No. 0.133 Prancing Horse

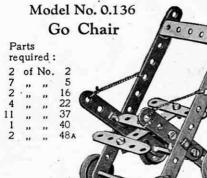
	Pa re c	rts	red:			B	A			_				- 6
	6	of	No.	5			500			A0)	1.00		. 4	of
	4		110.	12						10			4	,,
	4	**	"	12		111/1			-/4				4	,,
	1	,,	"	17		No.	1700	00	2	7	^		2	,,
•	1	,,	,,	.19s		74	AL	100			2	-	1	
-	4	,,	,,	22				10					1	"
	1	,,		24			48				4		À	"
1	6	,,	1.55	37			1	YO K	AU.		1	natura di	1	**
	4		"	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		<b>50</b>	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.

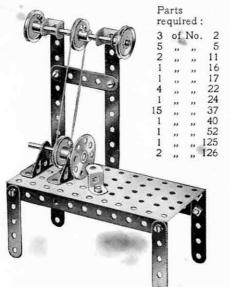


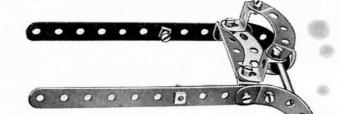
## Model No. 0.135 Swivelling Crane





## Model No. 0.143 Bench Lathe



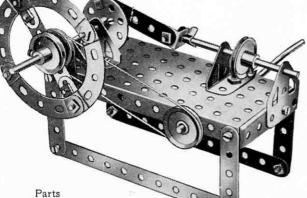


Model No. 0.145 Sulkey

#### Parts required:

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

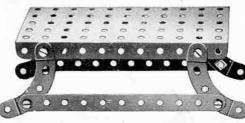
## Model No. 0.146 Horizontal Engine



## Model No. 0.144 Bench

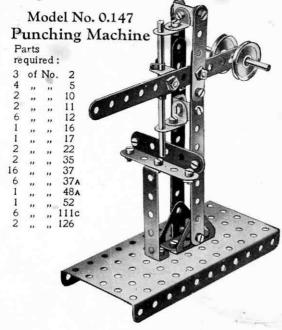
#### Parts required:

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



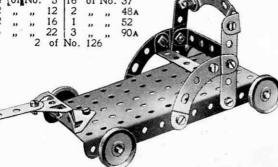
## required:

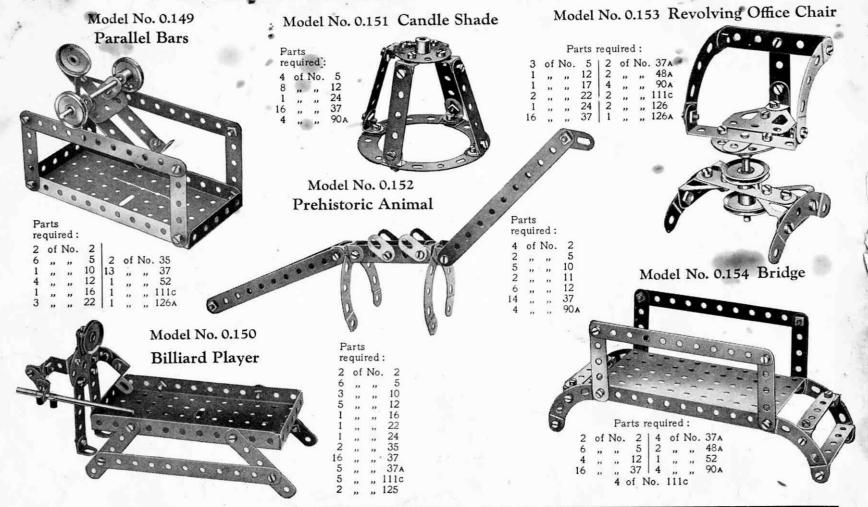
2	of	No.	2	4	of	No.	22		O	V		
6	,,	,,	5	1	,,	,,	24	1	of	No	. 52	
2	,,	,,	10	3		,,	35	4	,,	,,	90 A	
1	,,	"	12	16	"	,,	37	5	,,	,,	111c	
2	,,	,,	16	5	"	"	37A	2	,,	,,	126	
1	"	,,	19s	1	"	**	40	2	,,	,,	126A	



## Model No. 0.148 Bath Chair

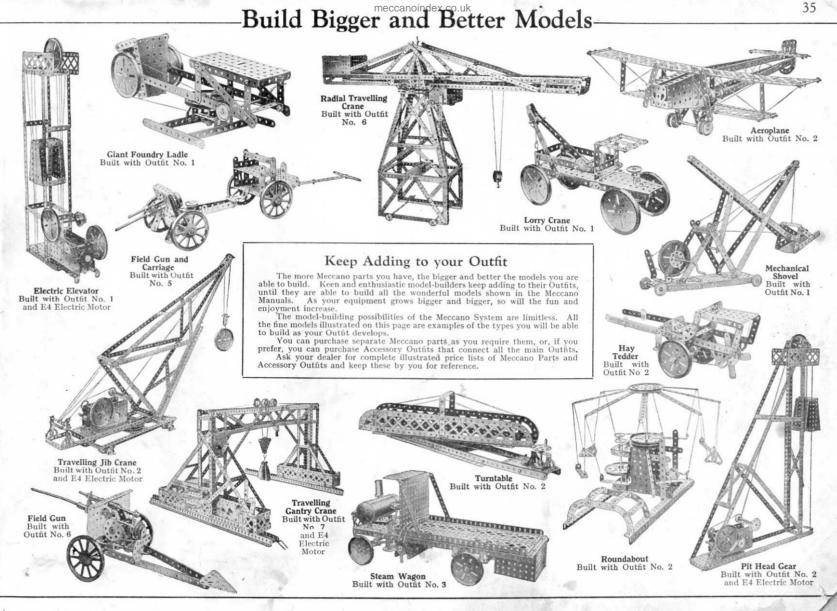
Parts required: 4 [of No. 5 | 16 of No. 37 2 ,, 12 | 2 ,, 48A





#### HOW TO CONTINUE

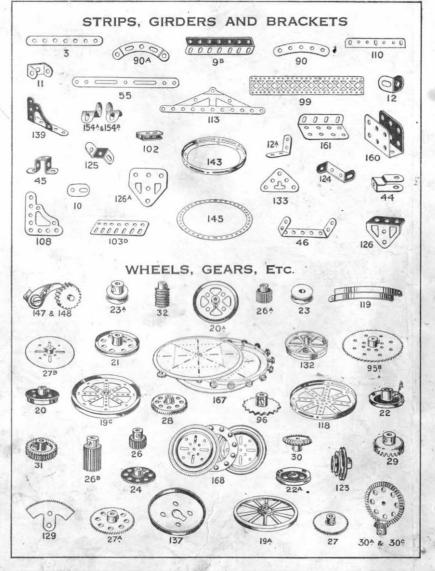
This completes our examples of models that may be made with MECCANO Outfit No. 0 (or No. 00 and No. 00A). The next models are a little more advanced, requiring extra parts to construct them. The necessary parts are all contained in a No. 0A Accessory Outfit, the price of which may be obtained from any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

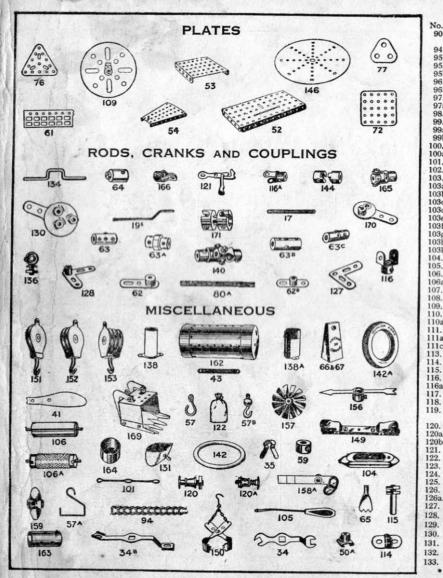


## Particulars of Meccano Parts

	p ( , , m )	
	Perforated Strips	
No.	No.	
1.	121" 3. 31"	
la.	91" 4. 3"	
1b.	$7\frac{1}{2}$ , $5$ , $2\frac{1}{2}$ , $6$ , $2^{\frac{1}{2}}$ ,	
2.		
2a.	4a   ba. 1a	
	Angle Girders	
7.	241"   9a. 41"	
7a.	181" 9b. 31"	
8.	121" 9c. 3"	
82	91"	
8h	71" 9e. 2"	
9.	ci# Of 11"	
10	Flat Brackets	
11	5½ 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
19 -	Angle Brackets 1" v1"	
100	Angle Diachets, 2 ^2	
12b.		
120.	" Axle Rods	
-	Axie Rous	
13.	111"   16a. 2½" ···	
13a.	11½"   16a, 2½" 8"   16b, 3" 6½"   17, 2"	
14.	61" 17. 2"	
15.	5 10a. 1g	
16.	31"	
19s.	Wheels, 3" diam., with set acrews Flanged Wheels, 11" diam	
19a.	Wheels, 3" diam., with set acrews	
20.	Flanged Wheels, 11" diam	
20b.		
	" Pulley Wheels	
19b.	3" dia with centre boss and set screw	
19c.	6" " " " " " " " " " " " " " " " " " "	
20a.	2" " " " "	
21. 22.	11," " " " "	
22	1 , , , , , , , , , , , , , , , , , , ,	
232	1 " " " " " " " " " " " " " " " " " " "	
220	1" ", without ", ", ", ", ", ", ", ", ", ", ", ", ",	
23. 24.	1"	
24	Bush Wheels	
24. 25.	Duck Whole II	
950	Pinion Wheels, 4" diam., 4 wide """"""""""""""""""""""""""""""""""""	
25b.	" " " " " " "	
26.	n n 1 n 1 n 1 n 1 n	
26a.	n n i" i" i"	
26b.	1" 8"	
200.	" Gear Wheels "	
07	Gear Wheels 50 teeth to gear with \( \frac{1}{2} \) minon \( \ldots \) 57 \( \text{n} \) \( \frac{1}{2} \) \( \frac{1}{2	
070	50 teeth to gear with 4 philoti	
27a.	199 " " " (31" diam )	
270.	95 " " " 1" "(2½" diam.)	
2/0.	Contrate Wheels 11" diam	
28.	Contrate wheels, by tham.	
29.	Bevel Gears, "2", 26 teeth	
30.	Bever Gears, #, 26 teeth	
30a.	" " to " Can only of	
30c.	" " " J usea together	
31.	Gear Wheels, 1", 38 teeth	
32.	Worms	
34.		
34b.		
35. 36.	Spring Clips Screw Drivers	
36.	Screw Drivers	
36a.	" Extra Long	
36b.		
37a.	Nuts	
3 b.	Nuts Bolts, 7/32"	
38.	Washers	

-	ATC	ccano	L U	LL	LD	
	No.					
	40.	Hanks of Cord	***	***	***	
	41.	Propeller Blades				
	43.	Springs				
	44.	Cranked Bent Strips		537	1000	
	45.	Th 1.1				
		Double " "	01//	10	***	
	46.	" Angle Strips,	21 /	11."	***	
	47.	11 11 11	24 ×	11/	***	
	47a.	" " "	11//	1.0	***	
	48. 48a.	" " "	01"	1"	***	
	48b.	n n n	2½"× 2½"× 3" × 2½"× 2½"× 4½"×	4"	***	
	48c.	11 11 11	41"	1"	***	
	48d.	11 11 11	51"×	1"		
	50a.	Eye Pieces, with bos	2	12	***	
	52.	Perforated Flanged F	lates	51"	× 21"	
	52a.	Flat Plates, 5½"×3½"	ece warray	-2		
	53.	Perforated Flanged P	lates.	31"	× 21"	
	53a.	Flat Plates 41" y 21"	Tayous .			
	54.	Perforated Flanged	Sector	· Pl	ates	
	55.		tted.	51"1	ong	
	55a.					
	56.	Instruction Manual,	No. 4-	7	,,,,	
	56a.		No. 00	)-3		
	56b.	n n	No. 0			
	56e.	" "	No. 00	)		
		Meccano Standard Me	echan	isms	Manu	a1
	56d.	" Book of New				
	56f.		***			
	57.	Hooks				
	57a.	" Scientific			+++	
	57b.	., Loaded, Larg	e			
	57c.	" " Smal	I			
	58.	Spring Cord	***		***	
	58a.	Spring Cord Coupling Screws for S Hook for Sp	pring	Core	1	
	58b.	" Hook for Sp	oring	Cor	1	
	59.			***		
	61.	Windmill Sails Cranks		1.12		
	62.	Cranks Threaded Cranks Double Arm Cranks	***			
	62a.	Threaded Cranks	***		***	
	62b.	Double Arm Cranks	***	***	***	
	63.	Couplings		***	***	
	63a.	Octagonal Couplings	***		***	
	63b.	Strip Couplings	***	5.55	***	
	63c.				***	
	64.	" Bosses Centre Forks Weights, 50 grammes  25  Woodscrews 1"	***	***	1.53	
	65.	Centre Forks	***	+++	***	
	66.	Weights, 50 grammes				1
	67.	Woodscrews, ½" Set Screws	***			
	68.				***	
	69.	Set Screws			***	
	69a. 69b.	Set Screws	***		***	
		Flat Distor 51" > 214		***	***	
	70. 72.	riat Plates, 54 × 24	***	***	***	
	73.	" " 2½"×2½" " " 3"×1½"		***	***	
	76.	Triongular Plates 21	***			
	77.	Triangular Plates, 21	***	***	***	
	11.	"Screwed	1 Rod			
	78.	11½"	80a.	31"		
	79.	8	SOL	41"	1.22	
	79a.	6"	81.	2#		
	80	5"	81. 82.	1"		
	89.	51" Curved Strips, 1	0" rac	lius		
	89a.	3" cra	nked,	19"		
	200	radi	us, 4	to ci	rcle	
	89b.	4" , , cra	nked	, 41	radiu	S
	00	21" " 23/	radio	10		





## Particulars of Meccano Parts (continued)

). 0a.	2½" Curved Strips, cranked, 1¾"	No. 133a. Corner Brackets 1"
	radius, 4 to circle	133a. Corner Brackets, 1" 134. Crank Shafts, 1" stroke
4.	Sprocket Chain	135. Theodolite Protractors
5. 5a.	" Wheels, 36 teeth, 2" diam.	136. Handrail Supports
5b.	" " 28 " 11" " " 56 " 3" "	137. Wheel Flanges
3		137. Wheel Flanges
3a.	14 3"	
7.	Braced Girders, 31" long	139a. " (left)
7a.	, , 3" ,	140. Universal Couplings
3.	Braced Girders, 31" long	141. Wire Line (for suspending clock
).	" " " " " " "	weights)
da.	n n 94 n	142. Rubber Rings, 3" rim
0.	" " 51" "	
)a.	" " 5½" " ··· ···	142a. Duniop Tyre to nt 2" diam. rim 142b. " " 3" " " 142c. " " 1" " " " 142d. " " " 1½" " " " 143. Circular Girders, 5½" diam
	Healds, for looms	142c. " " " " " " " " "
	Healds, for looms	143. Circular Girders, 5½" diam. "
3.	Flat Girders, 5½ long 9½ "	1 144. Dog Clutches
la.	" " 91" "	
b.	n n 12½" n	146. " Plates, 6" "
d.	" " 4g "	146a. " 4" "
le.	" " 3" "	147. Pawls, with pivot bolt and nuts
f.	" " 2½" "	147a. Pawls
g.	" " 2 <sup>#</sup> "	148. Ratchet Wheels
h.	, , 1½" ,	149. Collecting Shoes, for Electric Loco
k.	-" ··· " · <sup>7</sup> ½" " ··· ···	
	" " 12\frac{y}{x}" " \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	150. Crane Grabs 151. Pulley Blocks, Single Sheave
		152. " Two "
a.	Wood Rollers	153. " Three "
1000	CT 11 f The last 1 Mr. 11	154a. Corner Angle Brackets, ½", right
	Tables for Designing Machines Architraves	154h Corner Angle Brackets 1# 1-ft t 3
	Face Plates, 2½" diam	155. Rubber Rings, §
	Rack Strips, 3¼"	156. Pointers, 21" over all, with boss
a.	p."	157. Fans, 2" diam
	Bolts, *	158a. Signal Arms, Home
a.		158b. " " Distant
	Girder Frames	160. Channel Bearings, 1½"×1"×½"  161. Girder Brackets, 2"×1"×½"  162. Boiler, complete with ends
	Hinges	161. Girder Brackets, 2"×1"×1"
	Threaded Pins	
	Fork Pieces, Large	162a. " ends
a.	Ct. 1 Delle 3" diese	162b. " without ends
	" " Small Steel Balls, \( \frac{1}{2}'' \) diam Hub Discs, \( 5\frac{1}{2}'' \) " ,	163. Sieeve Fieces
	Channel Segments (8 to circle,	164. Chimney Adaptors
	11½" diam.)	100
	Buffers	166. End
a.	Buffers Spring Buffers	167a. Roller Races, geared, 192 teeth
D	Compression Springs	167b. Ring Frames for Rollers
	Train Couplings	167c. Pinions for Roller Bearings, 16 teeth
28	Miniature Loaded Sacks Cone Pulleys	
	Reversed Angle Brackets 1"	168a. "Races, flanged disc
	" " " " " "	168c. " Casings, complete with balls
	Trunnions "" " Flat Trunnions	109. Digger Duckets
1.	Flat Trunnions	170. Eccentrics 4" throw
	The state of the s	171. Socket Couplings
	Boss Bell Cranks	1/2. Pendulum Connection
	Rack Segments, 3" diam	171. Socket Couplings
	Triple Throw Eccentrics	173. Rail Adaptor
	Dredger Buckets	176. Anchoring Spring for Meccano Cord
	Flywheels, 24" diam	176. Anchoring Spring for Meccano Cord 177. Shafting Standard, Large
	Corner Brackets	178. Small
T	he series includes 26 funnels in the correct desig	n and colours of leading shipping companies
NAC.		, o II o I minutes

Ask your dealer for a free illustrated list giving details and prices of all Meccano parts.

# MECCANO

Hornby's Original System, First Patented 1901

## PATENTS AND DESIGNS

250,378	671,484	680,416	683,011	733,541
253,236	671,485	682,208	698,054	733,542
319,160	671,534	682,209	718,404	740,413
323,234	671,790	682,934	718,731	740,723 767,865

No Outfit is Genuine unless it bears the Trade Mark MECCANO

#### CONTENTS OF No. O OUTFIT

No		uantity.	No.	Quantity.	No.	Quantity.
2	5½" Perforated Strips	4	23.	½" Pulley Wheel (without Set-screw) 1	48A.	2½"×½" Double Angle Strips 2
5	. 2½" ,,	9	24.	Bush Wheel 1	52.	Perforated Flanged Plate, 5½" × 2½" 1
10	Flat Brackets	4	34.	Spanner 1	57c.	Hook, loaded (small) 1
-11	Double ,,	2	35.	Spring Clips 6	90A.	Curved Strips, 21" Small Radius 4
12	Angle $\frac{1}{2}$ $\times \frac{1}{2}$	8	4 3 70	Screwdriver 1	The same of	Bolts, §" 6
16	3½" Axle Rods	2	37.	Nuts and Bolts, 7 16	BUREL SE	
17	. 2" ,, ,,	2	37A.	Nuts 6	1000000000	E Keversed Aligie Brackets
19	s. Crank Handle, Small 31 Shaft	1	40.	Hank of Cord 1		Trunnions 2
22	1" Pulley Wheels (with Set-screen	w) 4	44.	Cranked Bent Strip 1	126A.	Flat Trunnions 2
		26/9028011 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		COLATION CONTROL TO SEVEN AND RESPONDED TO THE SECOND SERVICE		