

**SUPPLEMENTARY  
INSTRUCTION  
MANUAL**

NUMBER

**5**

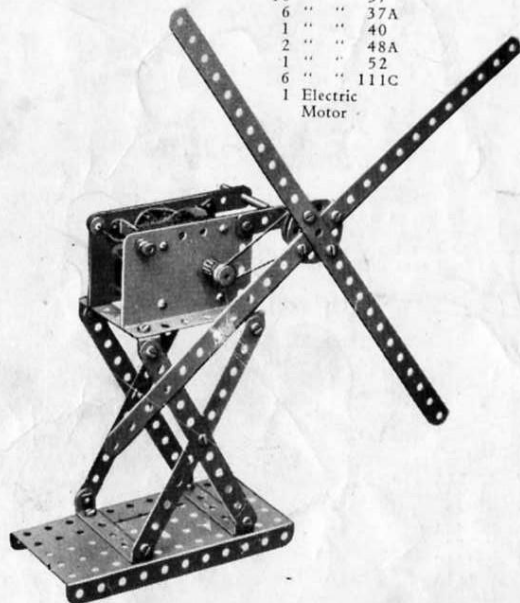
SPECIAL

**MECCANO  
OUTFIT  
MODELS**

Model  
No. 00.474

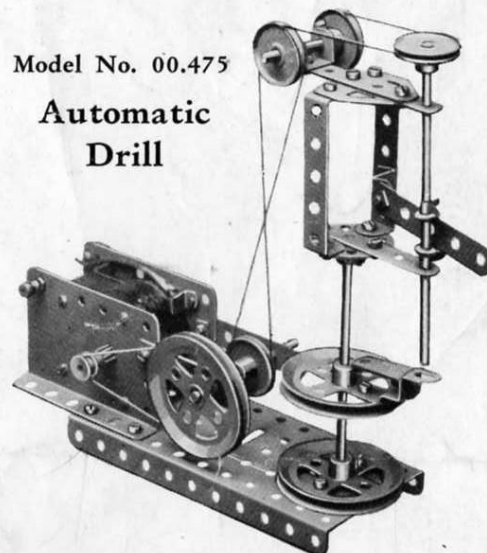
**Electric  
Fan**

Parts Required	
2 of No.	1
4 " "	2
6 " "	5
4 " "	12
1 " "	15A
1 " "	22
1 " "	24
2 " "	35
16 " "	37
6 " "	37A
1 " "	40
2 " "	48A
1 " "	52
6 " "	111C
1 Electric Motor	



Model No. 00.475

**Automatic  
Drill**

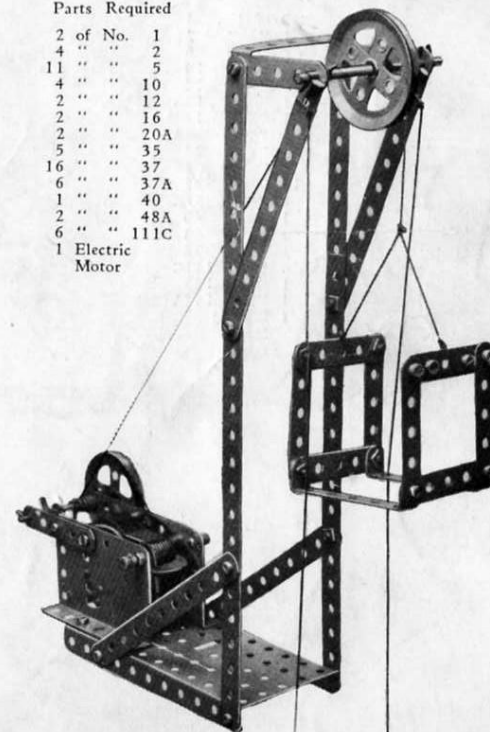


Parts Required

6 of No.	5	1 of No.	24	1 of No.	52
1 " "	11	5 " "	35	4 " "	111C
1 " "	12	16 " "	37	1 " "	125
1 " "	15A	4 " "	37A	1 " "	126A
2 " "	17	1 " "	40	1 4-volt	
3 " "	20A	1 " "	44	Motor	
4 " "	22	2 " "	48A		

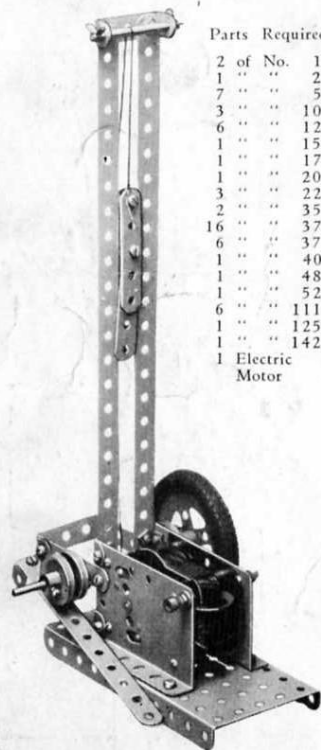
Model No. 00.476 **Pit-Head  
Gear**

Parts Required	
2 of No.	1
4 " "	2
11 " "	5
4 " "	10
2 " "	12
2 " "	16
2 " "	20A
5 " "	35
16 " "	37
6 " "	37A
1 " "	40
2 " "	48A
6 " "	111C
1 Electric Motor	



## Model No. 00.477 Drop Hammer

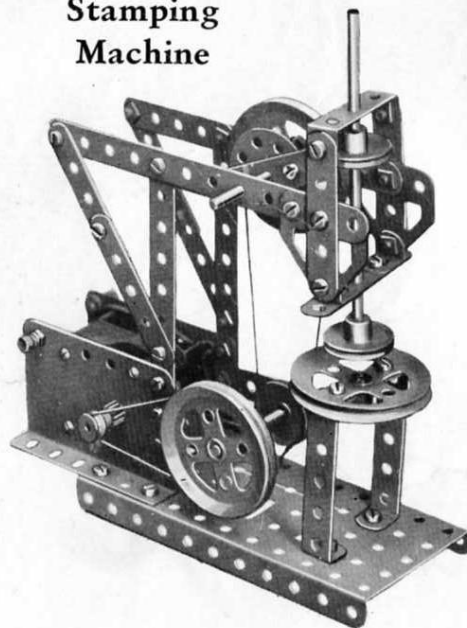
A  $\frac{3}{8}$ " Bolt on the  $5\frac{1}{2}$ " Strip is inserted between two 1" Pulleys that are fixed to one end of the hoisting shaft, and operates the "clutch." The clutch is in engagement when the Pulley on the armature shaft touches the 2" Dunlop Tire, but on moving the clutch handle to the right it is disengaged, thus letting the weight drop.



### Parts Required

2 of No.	1
1 " "	2
7 " "	5
3 " "	10
6 " "	12
1 " "	15A
1 " "	17
1 " "	20A
3 " "	22
2 " "	35
16 " "	37
6 " "	37A
1 " "	40
1 " "	48
1 " "	52
6 " "	111C
1 " "	125
1 " "	142A
1 Electric Motor	

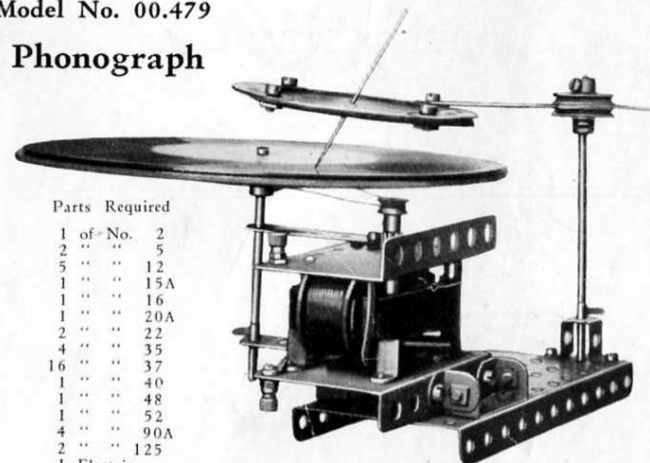
## Model No. 00.478 Stamping Machine



### Parts Required

4 of No.	2	6 of No.	37A
9 " "	5	1 " "	40
2 " "	12	1 " "	48
1 " "	15A	2 " "	48A
2 " "	17	1 " "	52
3 " "	20A	6 " "	111C
1 " "	22	2 " "	126A
2 " "	24		
1 " "	35		
16 " "	37		
		1 4-volt Motor	

## Model No. 00.479 Phonograph



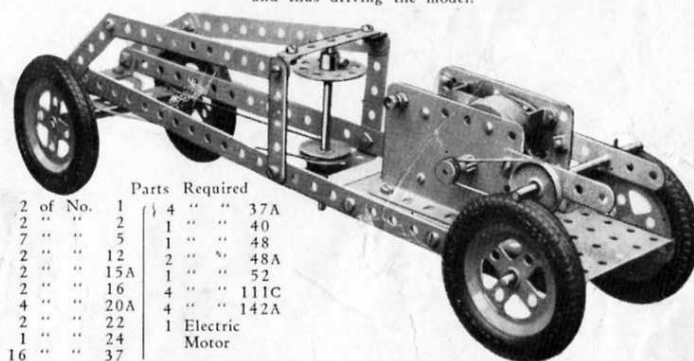
### Parts Required

1 of No.	2
2 " "	5
5 " "	12
1 " "	15A
1 " "	16
1 " "	20A
2 " "	22
4 " "	35
16 " "	37
1 " "	40
1 " "	48
1 " "	52
4 " "	90A
2 " "	125
1 Electric Motor	

## Racing Car

The armature pulley is coupled to a 1" fast Pulley on a  $3\frac{1}{2}$ " Axle Rod journalled in the side plates of the Motor, the Axle pressing against the tire on one of the rear road wheels and thus driving the model.

### Model No. 00.480

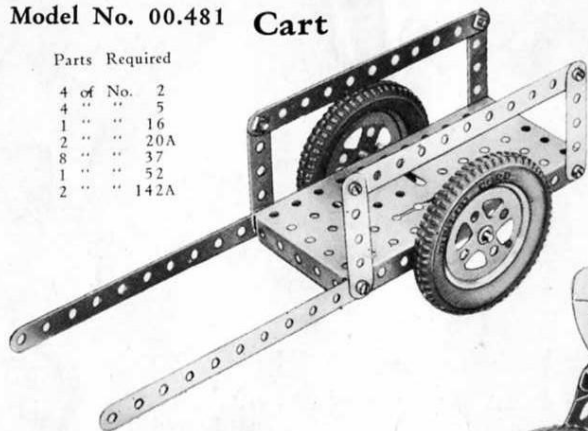


### Parts Required

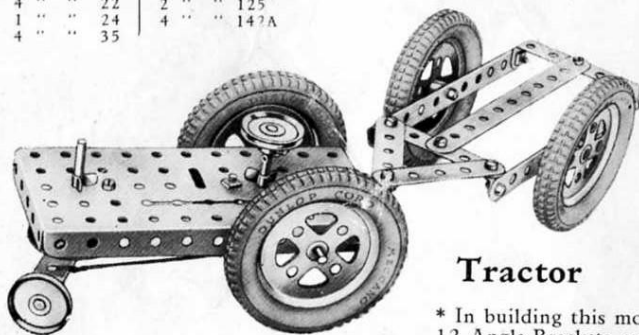
2 of No.	1	4 " "	37A
2 " "	2	1 " "	40
7 " "	5	1 " "	48
2 " "	12	2 " "	48A
2 " "	15A	1 " "	52
2 " "	16	4 " "	111C
4 " "	20A	4 " "	142A
2 " "	22		
1 " "	24	1 Electric Motor	
16 " "	37		

**Model No. 00.481 Cart****Parts Required**

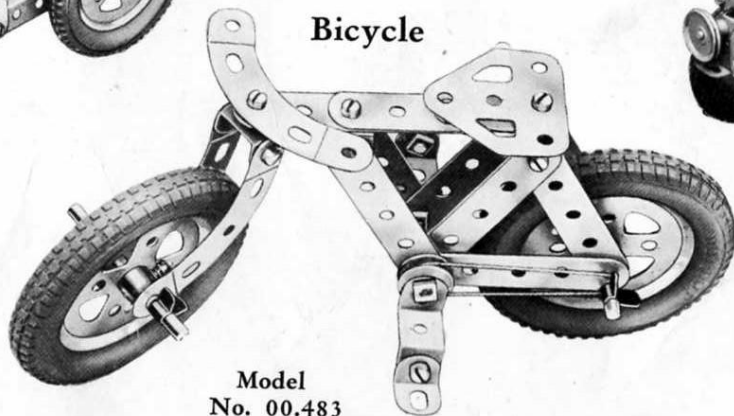
4 of No.	2
1 " "	5
1 " "	16
2 " "	20A
8 " "	37
1 " "	52
2 " "	142A

**Model No. 00.482****Parts Required**

3 of No.	2	16 of No.	37
3 " "	5	1 " "	37A
3 " "	12	1 " "	40
2 " "	16	2 " "	48A
2 " "	17	1 " "	52
4 " "	20A	2 " "	111C
4 " "	22	2 " "	125
1 " "	24	4 " "	147A
4 " "	35		

**Tractor**

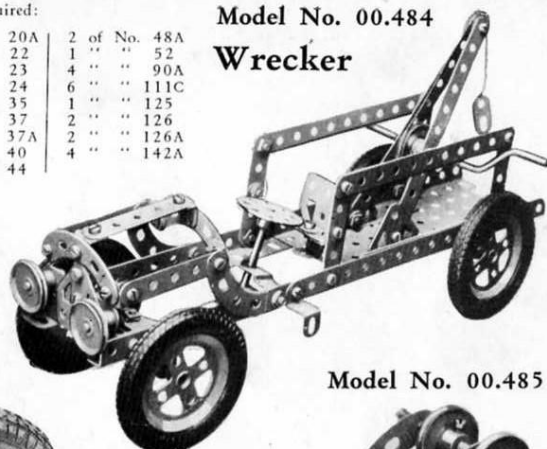
\* In building this model with No. 5 Special Outfit No. 1 Strips with No. 12 Angle Brackets may be substituted for No. 8 Angle Girders shown.

**Bicycle****Model No. 00.483****Parts Required:**

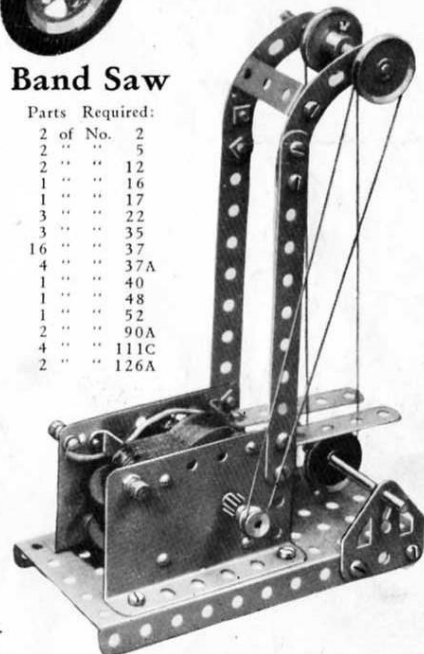
9 of No.	5	11 of No.	37
2 " "	11	5 " "	37A
4 " "	12	1 " "	40
2 " "	17	3 " "	90A
2 " "	20A	2 " "	125
1 " "	23	1 " "	126A
4 " "	35	2 " "	142A

**Parts Required:**

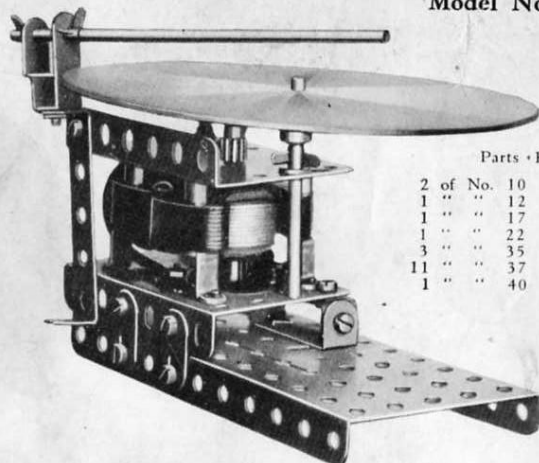
2 of No.	1*	4 of No.	20A	2 of No.	48A
4 " "	2	4 " "	22	1 " "	52
9 " "	"	1 " "	23	4 " "	90A
3 " "	"	1 " "	24	6 " "	111C
2 " "	10	6 " "	35	1 " "	125
8 " "	11	16 " "	37	2 " "	126
2 " "	12	6 " "	37A	2 " "	126A
1 " "	16	1 " "	40	4 " "	142A
1 " "	17	1 " "	40		
1 " "	19	1 " "	44		

**Model No. 00.484****Wrecker****Model No. 00.485****Band Saw****Parts Required:**

2 of No.	2
2 " "	5
2 " "	12
1 " "	16
1 " "	17
3 " "	22
3 " "	35
16 " "	37
4 " "	37A
1 " "	40
1 " "	48
1 " "	52
2 " "	90A
4 " "	111C
2 " "	126A



Model No. 00.486

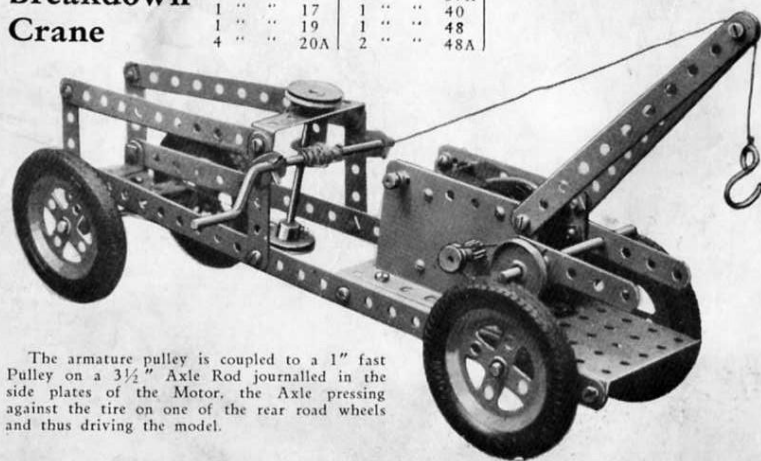
Potter's  
Wheel

## Parts Required:

2 of No. 10	1 of No. 44
1 " " 12	1 " " 48
1 " " 17	1 " " 48A
1 " " 22	1 " " 52
3 " " 35	1 4-volt Electric Motor
11 " " 37	
1 " " 40	

Model  
No. 00.487  
Breakdown  
Crane

2 of No. 1	3 of No. 22	1 of No. 52	1 of No. 126A
4 " " 2	1 " " 23	1 " " 57	4 " " 142A
6 " " 5	7 " " 35	6 " " 111C	1 Electric Motor
2 " " 15A	16 " " 37	1 " " 125	
1 " " 16	6 " " 37A		
1 " " 17	1 " " 40		
1 " " 19	1 " " 48		
4 " " 20A	2 " " 48A		

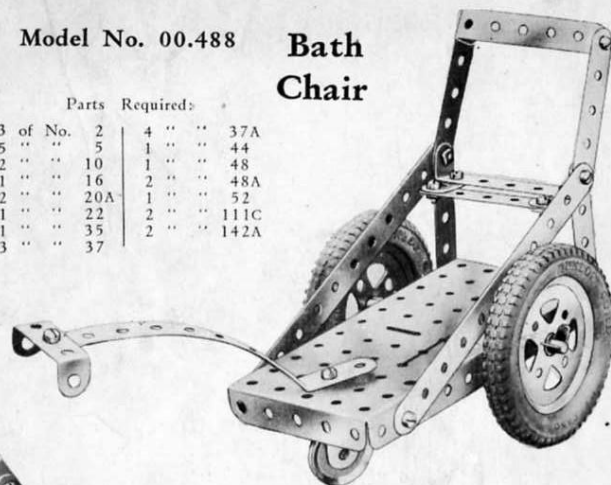


The armature pulley is coupled to a 1" fast Pulley on a  $3\frac{1}{2}$ " Axle Rod journalled in the side plates of the Motor, the Axle pressing against the tire on one of the rear road wheels and thus driving the model.

Model No. 00.488

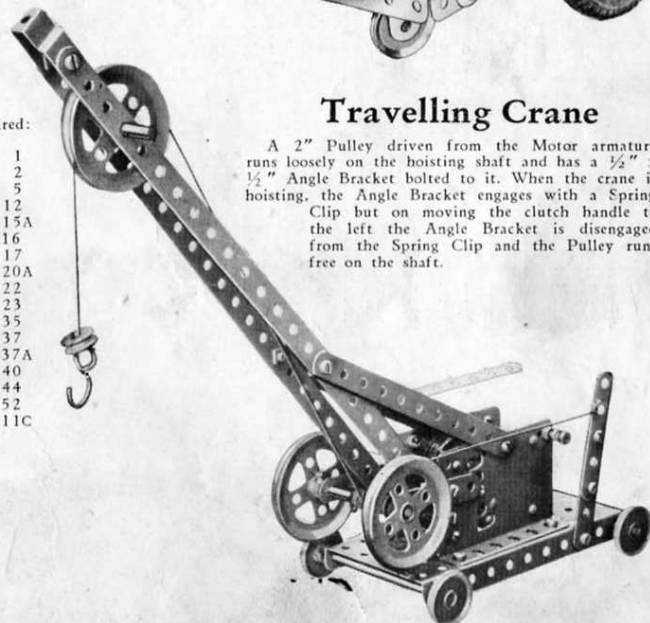
Bath  
Chair

Parts Required:			
3 of No. 2	4 " " 37A		
5 " " 5	1 " " 44		
2 " " 10	1 " " 48		
1 " " 16	2 " " 48A		
2 " " 20A	1 " " 52		
1 " " 22	2 " " 111C		
1 " " 35	2 " " 142A		
13 " " 37			

Model  
No.  
00.489

## Parts Required:

2 of No. 1	
3 " " 2	
1 " " 5	
2 " " 12	
1 " " 15A	
2 " " 16	
1 " " 17	
3 " " 20A	
4 " " 22	
1 " " 23	
3 " " 35	
16 " " 37	
5 " " 37A	
1 " " 40	
1 " " 44	
1 " " 52	
3 " " 111C	
1 Electric Motor	



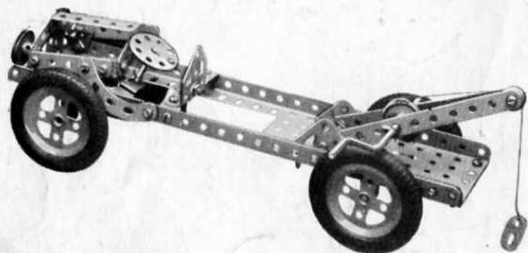
## Travelling Crane

A 2" Pulley driven from the Motor armature runs loosely on the hoisting shaft and has a  $\frac{1}{2}$ " x  $\frac{1}{2}$ " Angle Bracket bolted to it. When the crane is hoisting, the Angle Bracket engages with a Spring Clip but on moving the clutch handle to the left the Angle Bracket is disengaged from the Spring Clip and the Pulley runs free on the shaft.

Maddux Boy



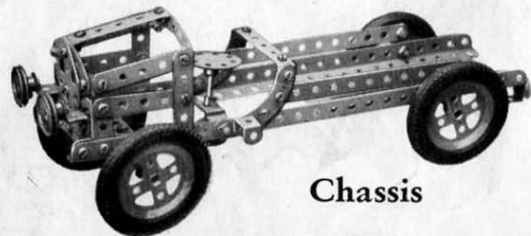
### Model No. 00.490 Trouble Wagon



Parts Required:			
2 of No.	1*	4 of No.	20A
2 "	2	4 "	22
4 "	5	1 "	23
3 "	10	1 "	24
2 "	11	6 "	35
6 "	12	16 "	37
2 "	16	6 "	37A
1 "	17	1 "	40
1 "	19	1 "	44
2 of No.	48A	2 of No.	52
1 "	52	4 "	90A
1 "	90A	6 "	111C
2 "	126	2 "	125
2 "	126A	2 "	126
4 "	142A	1 "	126A

### Model No. 00.491

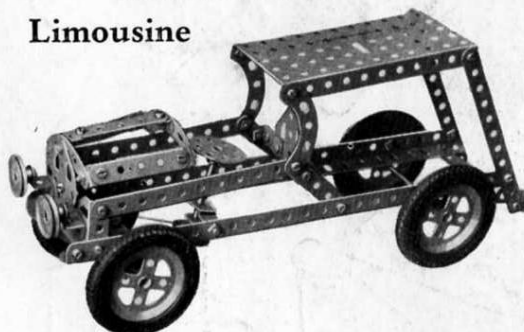
Parts Required:			
2 of No.	1*	3 of No.	22
2 "	2	1 "	23
9 "	5	1 "	24
2 "	10	4 "	35
2 "	11	16 "	37
8 "	12	6 "	37A
2 "	16	1 "	40
1 "	17	1 "	44
4 "	20A	2 "	48A
1 of No.	52	4 "	90A
6 "	111C	2 "	125
2 "	126	2 "	126A
1 "	126	4 "	142A



Chassis

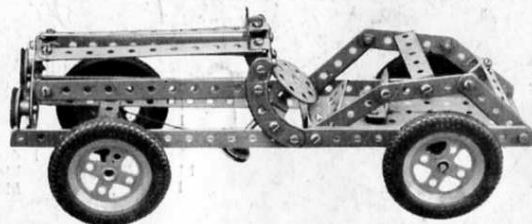
### Model No. 00.492

#### Limousine



Parts Required:			
2 of No.	1*	3 of No.	22
4 "	2	1 "	23
9 "	5	1 "	24
2 "	10	4 "	35
1 "	11	16 "	37
8 "	12	6 "	37A
2 "	16	1 "	40
1 "	17	1 "	44
4 "	20A	2 "	48A
1 of No.	52	4 "	90A
6 "	111C	2 "	125
2 "	126	2 "	126A
4 "	142A		

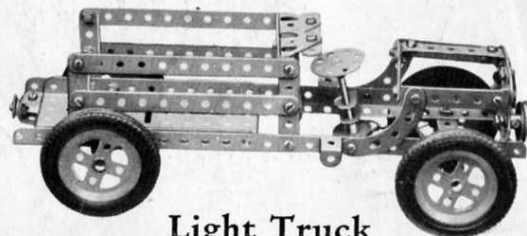
### Model No. 00.493 Roadster



Parts Required:			
2 of No.	1*	3 of No.	22
4 "	2	1 "	24
8 "	5	4 "	35
3 "	10	16 "	37
2 "	11	6 "	37A
8 "	12	1 "	40
2 "	15A	1 "	44
4 "	20A	2 "	48A
1 "	52	4 "	90A
6 "	111C	2 "	125
2 "	126	2 "	126A
4 "	142A		

### Model No. 00.494

Parts Required:			
2 of No.	1*	4 of No.	20A
4 "	2	3 "	22
9 "	5	1 "	24
4 "	10	4 "	35
2 "	11	16 "	37
8 "	12	6 "	37A
2 "	16	1 "	40
1 "	17	1 "	44
2 of No.	48A	2 of No.	52
4 "	90A	1 "	52
6 "	111C	4 "	90A
2 "	125	6 "	111C
2 "	126	2 "	125
2 "	126A	2 "	126
4 "	142A	2 "	126A

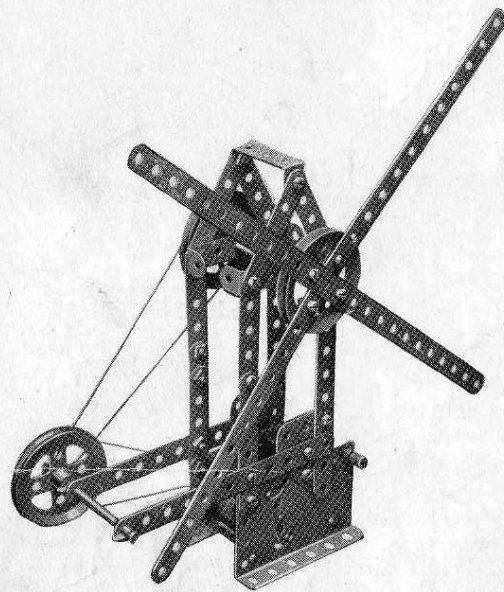


Light Truck

\* In building this model with No. 5 Special Outfit No. 1 Strips with No. 12 Angle Brackets may be substituted for No. 8 Angle Girders shown.

Model No. 00.495

## Windmill

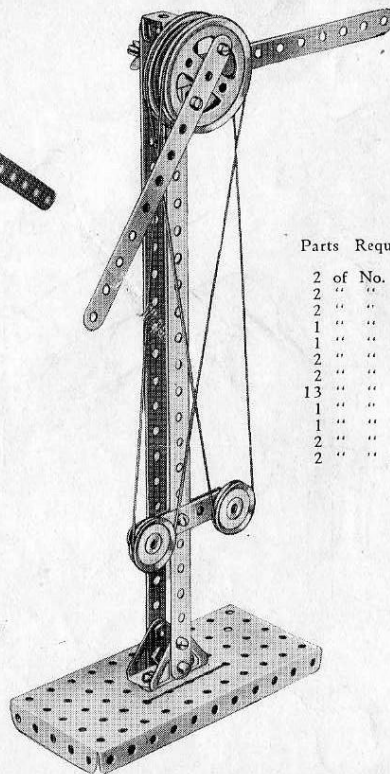


## Parts Required:

2 of No. 1	4 of No. 35	6 of No. 111C
4 " " 2	16 " " 37	2 " " 126A
6 " " 5	6 " " 37A	1 4-volt Electric Motor
2 " " 15A	1 " " 40	
1 " " 16	1 " " 48	
3 " " 20A	2 " " 48A	
1 " " 23	1 " " 52	

Model No. 00.496

## Semaphore



## Parts Required:

2 of No. 1
2 " " 2
2 " " 5
1 " " 11
1 " " 17
2 " " 20A
2 " " 22
13 " " 37
1 " " 40
1 " " 52
2 " " 111C
2 " " 126



## Do You Know The World You Live In?

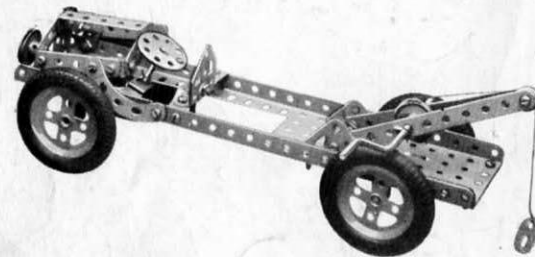
This is truly a wonderful world we live in and it seems as if a new wonder is brought forth every minute! Every boy wants to know real true thrilling facts about the great inventions the marvelous works and accomplishments of this fascinating modern world.

Wouldn't you like to receive every month the full, interesting details of the great doings of the world published in a beautifully printed magazine which is written and illustrated just the way you like best? Well, that is just what the new "Meccano Magazine" is—a monthly "Book of Knowledge." Once you have seen one copy you will not be able to wait until you receive the next. 15 cents a copy, \$1.75 for a year's 12 wonderful issues. Write now to the Meccano Company, Inc., Elizabeth, N. J., enclosing the proper amount in stamps or money order and you will promptly receive your first copy.





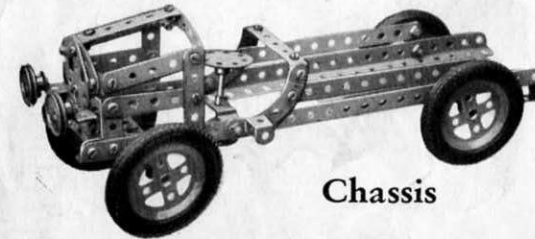
Model No. 00.490  
Trouble Wagon



Parts Required:		
2 of No. 1*	4 of No. 20A	2 of No. 48A
2 " " 2	1 " " 22	1 " " 52
4 " " 5	1 " " 23	4 " " 90A
3 " " 10	1 " " 24	6 " " 111C
2 " " 11	6 " " 35	2 " " 126
6 " " 12	16 " " 37	2 " " 126A
2 " " 16	6 " " 37A	4 " " 142A
1 " " 17	1 " " 40	
1 " " 19	1 " " 44	

Model No. 00.491

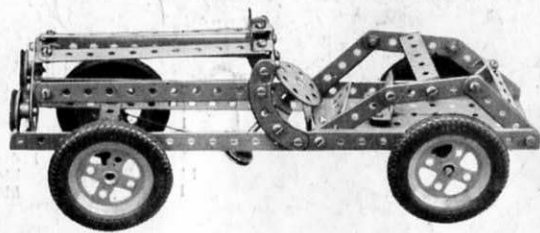
Parts Required:		
2 of No. 1*	3 of No. 22	1 of No. 52
2 " " 2	1 " " 23	4 " " 90A
9 " " 5	1 " " 24	6 " " 111C
2 " " 10	4 " " 35	2 " " 125
2 " " 11	16 " " 37	2 " " 126A
8 " " 12	6 " " 37A	1 " " 126
2 " " 16	1 " " 40	4 " " 142A
1 " " 17	1 " " 44	
4 " " 20A	2 " " 48A	



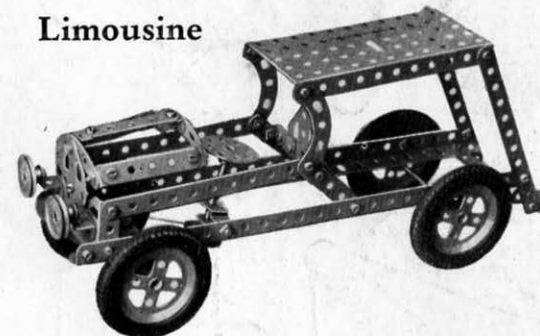
Chassis

\* In building this model with No. 5 Special Outfit No. 1 Strips with No. 12 Angle Brackets may be substituted for No. 8 Angle Girders shown.

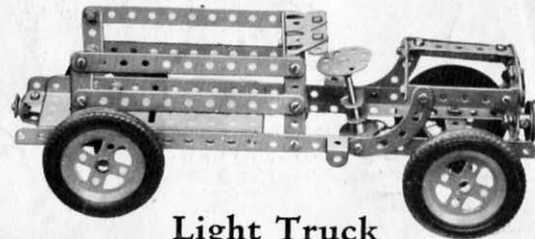
Model No. 00.493  
Roadster



Model No. 00.492  
Limousine



Parts Required:		
2 of No. 1*	3 of No. 22	1 of No. 52
4 " " 2	1 " " 23	4 " " 90A
9 " " 5	1 " " 24	6 " " 111C
2 " " 10	4 " " 35	2 " " 125
2 " " 11	16 " " 37	2 " " 126A
8 " " 12	6 " " 37A	1 " " 126
2 " " 16	1 " " 40	4 " " 142A
1 " " 17	1 " " 44	
4 " " 20A	2 " " 48A	

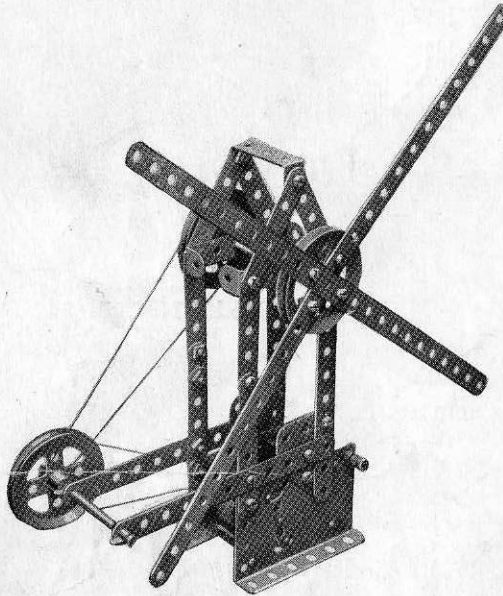


Light Truck

Model No. 00.494

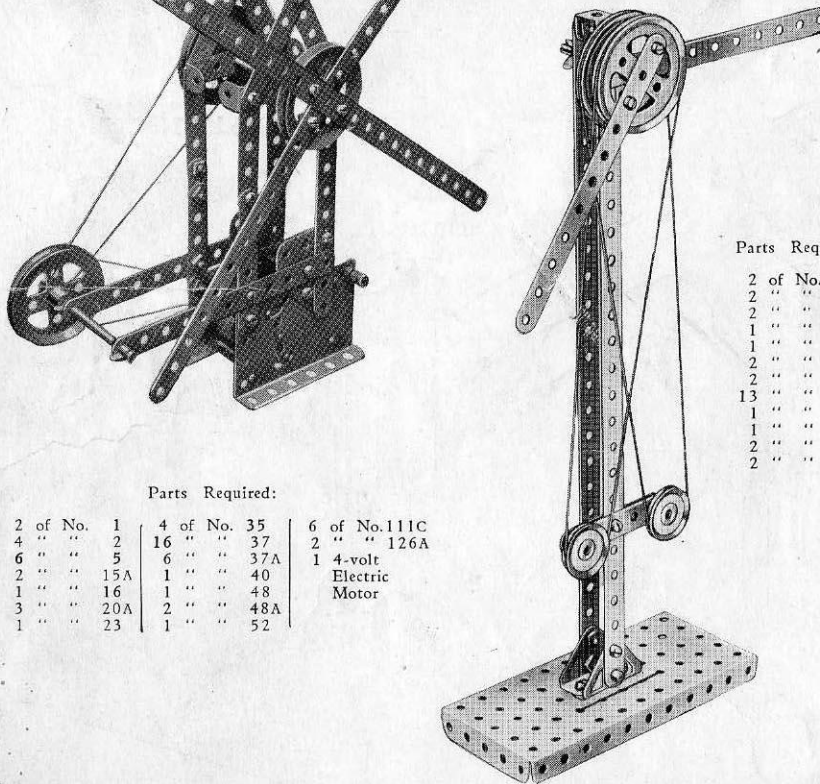
Parts Required:		
2 of No. 1*	4 of No. 20A	2 of No. 48A
4 " " 2	3 " " 22	1 " " 52
9 " " 5	1 " " 24	4 " " 90A
4 " " 10	4 " " 35	6 " " 111C
2 " " 11	16 " " 37	2 " " 125
8 " " 12	6 " " 37A	2 " " 126
2 " " 16	1 " " 40	2 " " 126A
1 " " 17	1 " " 44	4 " " 142A

Model No. 00.495  
Windmill



Parts Required:		
2 of No. 1	4 of No. 35	6 of No. 111C
4 " " 2	16 " " 37	2 " " 126A
6 " " 5	6 " " 37A	1 4-volt Electric Motor
2 " " 15A	1 " " 40	
1 " " 16	1 " " 48	
3 " " 20A	2 " " 48A	
1 " " 23	1 " " 52	

Model No. 00.496  
Semaphore



Parts Required:	
2 of No. 1	2
2 " " 2	5
1 " " 11	17
1 " " 17	20A
2 " " 22	22
13 " " 37	40
1 " " 40	52
2 " " 52	111C
2 " " 126	



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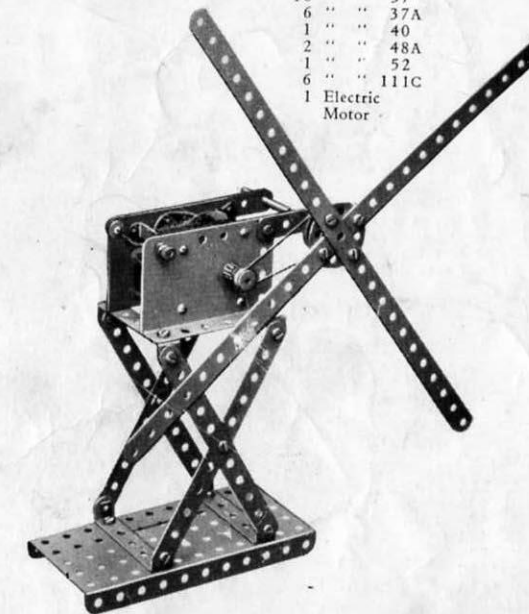


## SUPPLEMENTARY INSTRUCTION MANUAL

NUMBER 5 SPECIAL

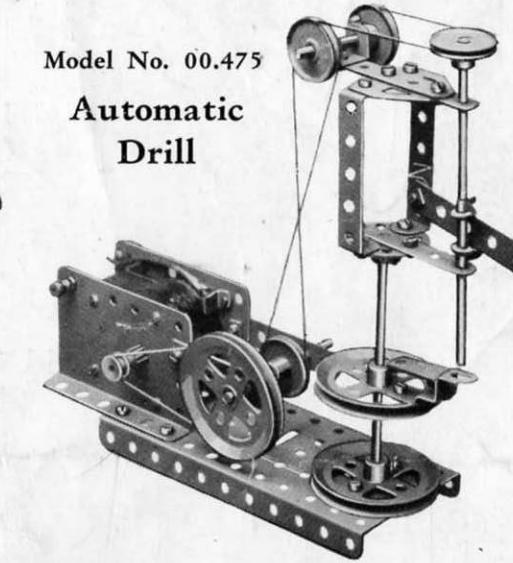
## MECCANO OUTFIT MODELS

Model  
No. 00.474  
Electric  
Fan



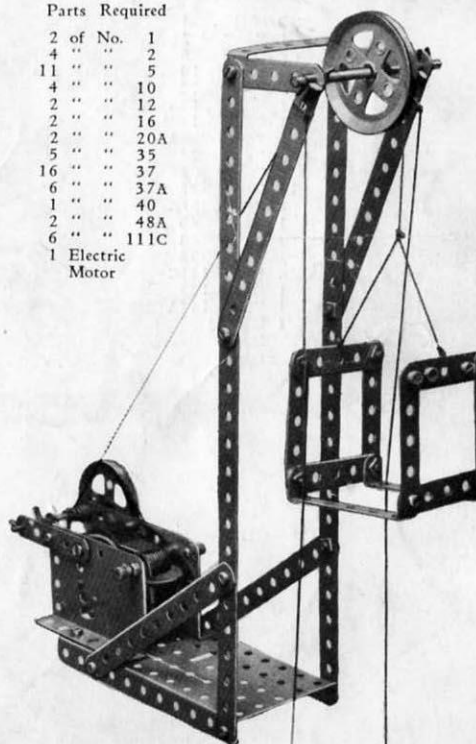
Parts Required	
2 of No. 1	1
4 " " 2	2
6 " " 5	5
4 " " 12	12
1 " " 15A	15A
1 " " 22	22
1 " " 24	24
2 " " 35	35
16 " " 37	37
6 " " 37A	37A
1 " " 40	40
2 " " 48A	48A
1 " " 52	52
6 " " 111C	111C
1 Electric Motor	

Model No. 00.475  
Automatic  
Drill



Parts Required		
6 of No. 5	1 of No. 24	1 of No. 52
1 " " 11	5 " " 35	4 " " 111C
1 " " 12	16 " " 37	1 " " 125
1 " " 15A	4 " " 37A	1 " " 126A
2 " " 17	1 " " 40	1 4-volt Motor
3 " " 20A	1 " " 44	
4 " " 22	2 " " 48A	

Model No. 00.476  
Pit-Head  
Gear

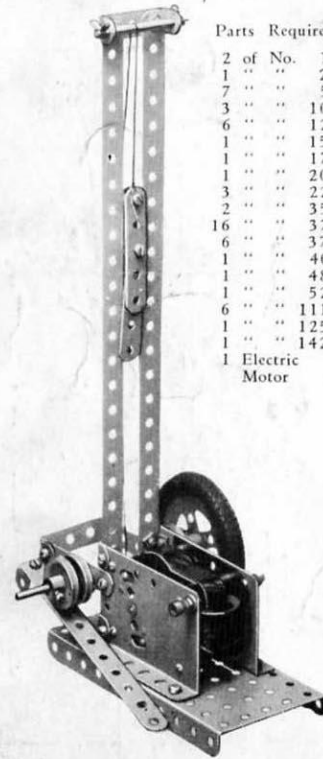


Parts Required	
2 of No. 1	1
4 " " 2	2
11 " " 5	5
4 " " 10	10
2 " " 12	12
2 " " 16	16
2 " " 20A	20A
5 " " 35	35
16 " " 37	37
6 " " 37A	37A
1 " " 40	40
2 " " 48A	48A
6 " " 111C	111C
1 Electric Motor	



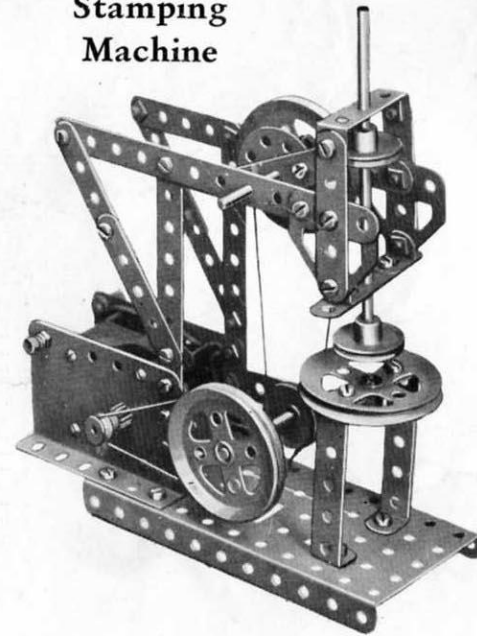
Model No. 00.477  
Drop Hammer

A  $\frac{3}{8}$ " Bolt on the  $5\frac{1}{2}$ " Strip is inserted between two 1" Pulleys that are fixed to one end of the hoisting shaft, and operates the "clutch." The clutch is in engagement when the Pulley on the armature shaft touches the 2" Dunlop Tire, but on moving the clutch handle to the right it is disengaged, thus letting the weight drop.



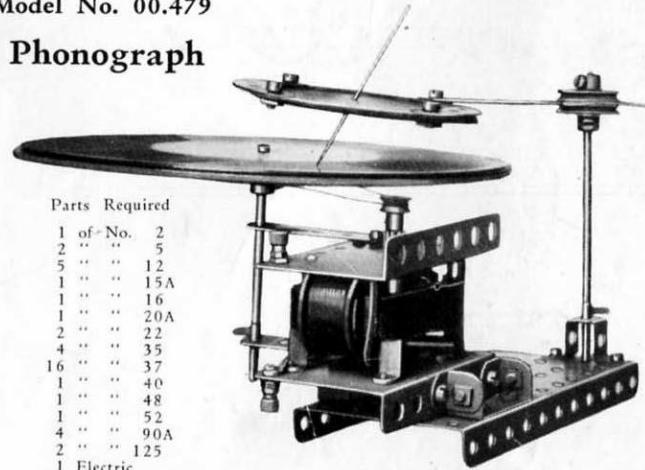
Parts Required	
2 of No.	1
1 "	2
1 "	5
3 "	10
6 "	12
1 "	15A
1 "	17
1 "	20A
3 "	22
2 "	35
16 "	37
6 "	37A
1 "	40
1 "	48
1 "	52
6 "	111C
1 "	125
1 "	142A
1 "	Electric Motor

Model No. 00.478  
Stamping Machine



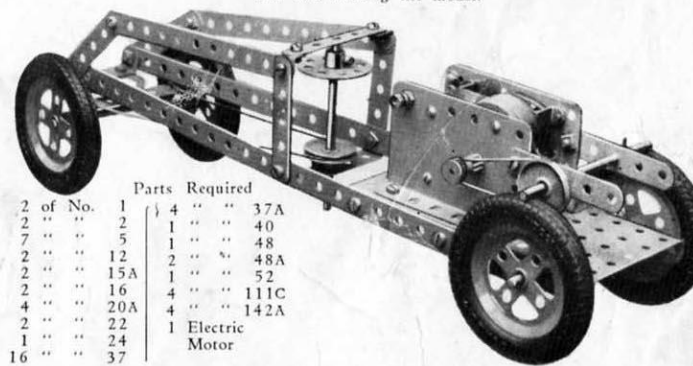
Parts Required	
4 of No.	2
9 "	5
2 "	12
1 "	15A
2 "	17
3 "	20A
3 "	22
1 "	24
2 "	35
16 "	37
6 of No.	37A
1 "	40
1 "	48
2 "	52
6 "	111C
2 "	126A
1 "	4-volt Motor

Model No. 00.479  
Phonograph



Parts Required	
1 of No.	2
2 "	5
5 "	12
1 "	15A
1 "	16
1 "	20A
2 "	22
4 "	35
1 "	37
1 "	40
1 "	48
1 "	52
4 "	90A
2 "	125
1 "	Electric Motor

Model No. 00.480



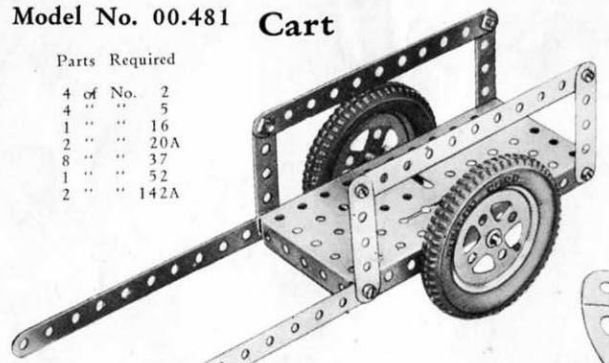
Parts Required	
2 of No.	1
2 "	2
7 "	5
2 "	12
2 "	15A
2 "	16
4 "	20A
2 "	22
1 "	24
16 "	37
4 "	37A
1 "	40
1 "	48
2 "	52
1 "	111C
4 "	142A
1 "	Electric Motor

Racing Car

The armature pulley is coupled to a 1" fast Pulley on a  $3\frac{1}{2}$ " Axle Rod journalled in the side plates of the Motor, the Axle pressing against the tire on one of the rear road wheels and thus driving the model.

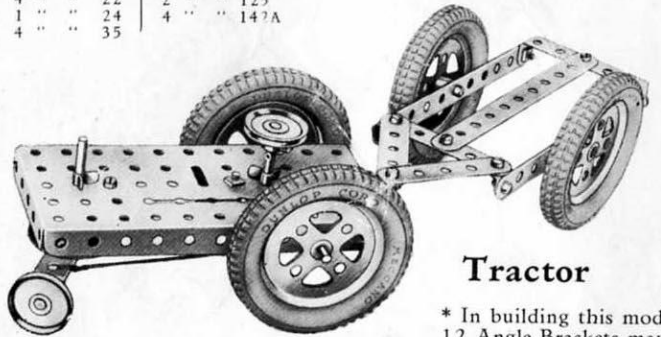
Model No. 00.481 Cart

Parts Required	
4 of No.	2
4 "	5
1 "	16
2 "	20A
8 "	37
1 "	52
2 "	142A



Model No. 00.482

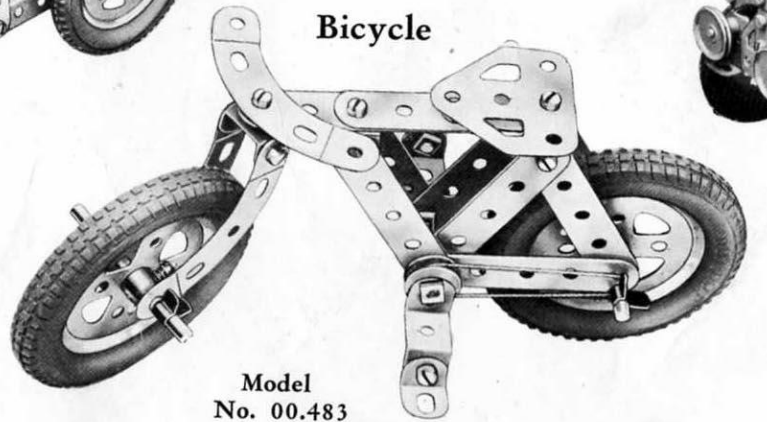
Parts Required	
3 of No.	2
3 "	5
2 "	12
2 "	16
4 "	20A
1 "	22
4 "	35
16 of No.	37
1 "	37A
1 "	40
2 "	48A
2 "	52
2 "	111C
2 "	125
4 "	142A



Tractor

\* In building this model with No. 5 Special Outfit No. 1 Strips with No. 12 Angle Brackets may be substituted for No. 8 Angle Girders shown.

Bicycle

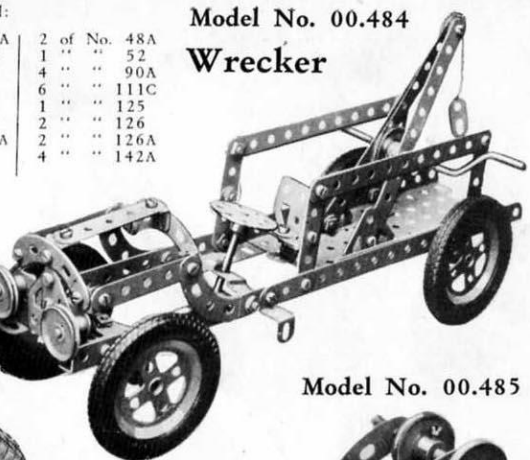


Model No. 00.483

Parts Required:	
9 of No.	5
2 "	11
4 "	12
2 "	17
2 "	20A
1 "	23
4 "	35
11 of No.	37
5 "	37A
1 "	40
3 "	90A
2 "	125
1 "	126A
2 "	142A

Parts Required:	
2 of No.	1
4 "	2
3 "	10
2 "	11
8 "	12
2 "	16
1 "	17
1 "	19
4 of No.	20A
1 "	22
1 "	23
1 "	24
6 "	35
16 "	37
6 "	37A
1 "	40
1 "	44

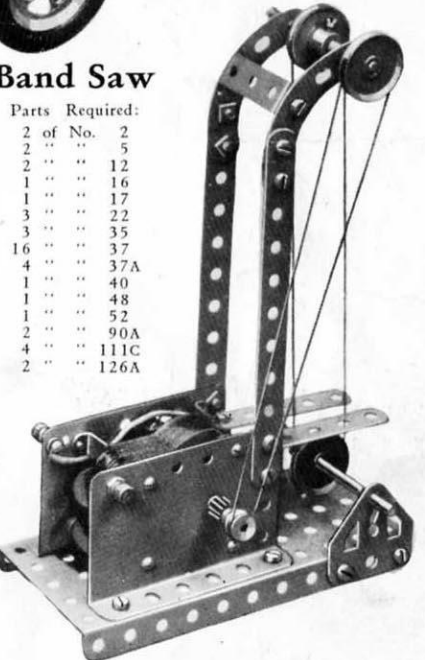
Model No. 00.484  
Wrecker



Model No. 00.485

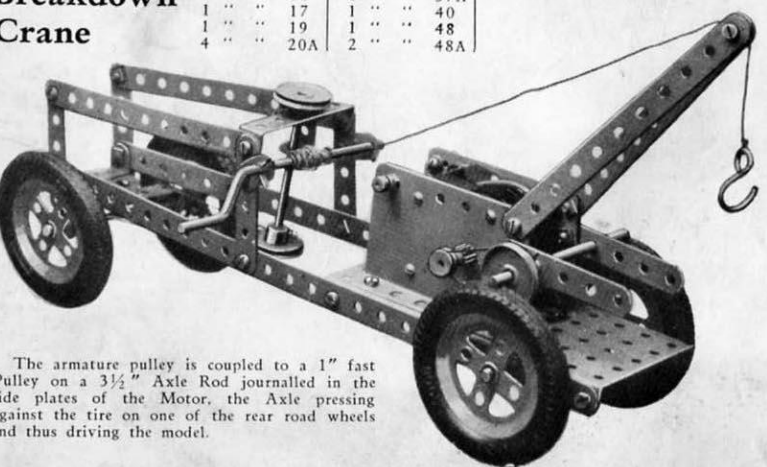
Band Saw

Parts Required:	
2 of No.	2
2 "	5
1 "	12
1 "	16
1 "	17
3 "	22
3 "	35
16 "	37
4 "	37A
1 "	40
1 "	48
1 "	52
2 "	90A
4 "	111C
2 "	126A



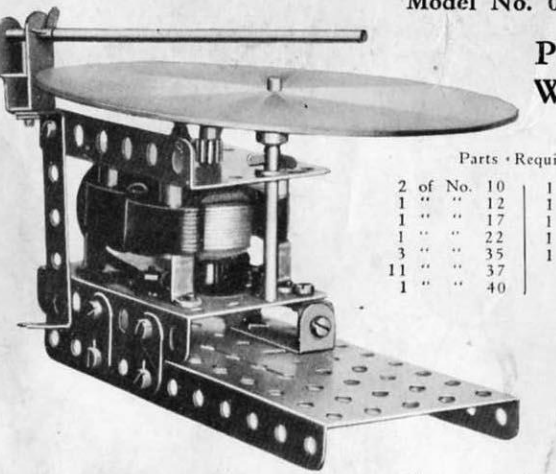
Model No. 00.487  
Breakdown Crane

Parts Required:	
2 of No.	1
4 "	2
6 "	5
2 "	15A
1 "	16
1 "	17
1 "	19
4 "	20A
3 of No.	22
1 "	23
7 "	35
16 "	37
6 "	37A
1 "	40
1 "	48
2 "	48A
1 of No.	52
1 "	57
6 "	111C
1 "	125
1 of No.	126A
4 "	142A
1 "	Electric Motor



The armature pulley is coupled to a 1" fast Pulley on a  $3\frac{1}{2}$ " Axle Rod journalled in the side plates of the Motor, the Axle pressing against the tire on one of the rear road wheels and thus driving the model.

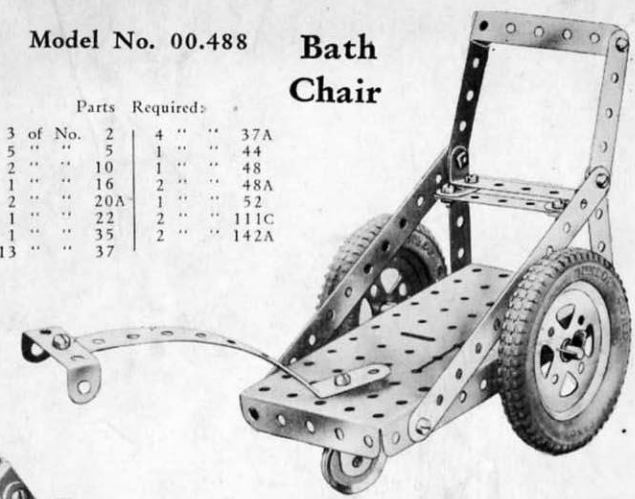
Model No. 00.486  
Potter's Wheel



Parts Required:	
2 of No.	10
1 "	12
1 "	17
1 "	22
3 "	35
11 "	37
1 "	40
1 of No.	44
1 "	48
1 "	48A
1 "	52
1 "	4-volt Electric Motor

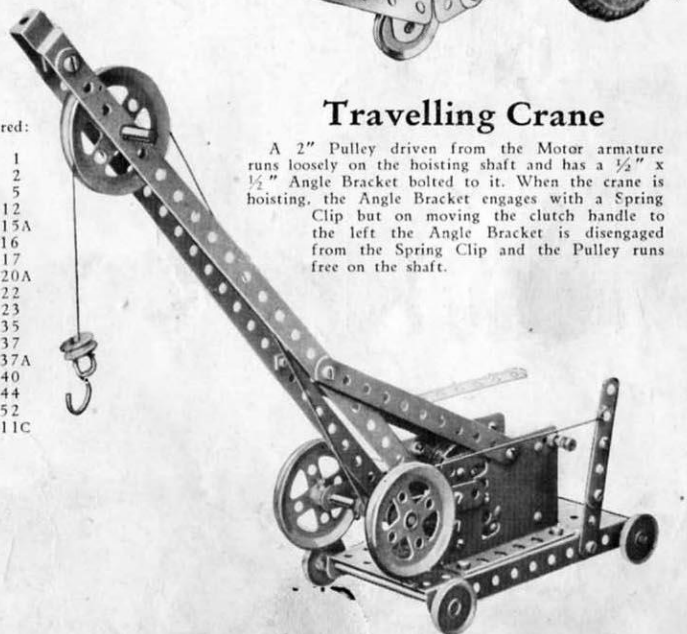
Model No. 00.488  
Bath Chair

Parts Required:	
3 of No.	2
5 "	5
2 "	10
1 "	16
2 "	20A
1 "	22
1 "	35
13 "	37
4 "	37A
1 "	44
1 "	48
2 "	48A
1 "	52
2 "	111C
2 "	142A



Model No. 00.489

Parts Required:	
2 of No.	1
3 "	2
1 "	5
2 "	12
1 "	15A
2 "	16
1 "	17
3 "	20A
4 "	22
1 "	23
3 "	35
16 "	37
5 "	37A
1 "	40
1 "	44
1 "	52
3 "	111C
1 "	Electric Motor



Travelling Crane

A 2" Pulley driven from the Motor armature runs loosely on the hoisting shaft and has a  $\frac{1}{2}$ " x  $\frac{1}{2}$ " Angle Bracket bolted to it. When the crane is hoisting, the Angle Bracket engages with a Spring Clip but on moving the clutch handle to the left the Angle Bracket is disengaged from the Spring Clip and the Pulley runs free on the shaft.

Maddux Roy