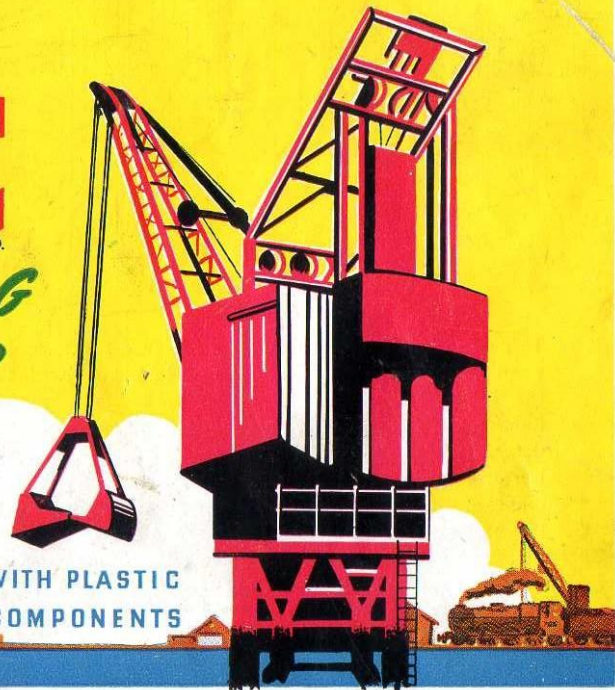
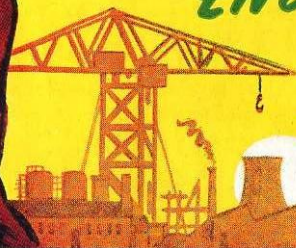


Palikit

REGD.

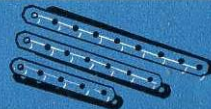
*FOR THE YOUNG
ENGINEER*



WITH PLASTIC
COMPONENTS



CONSTRUCTION SET



No. 2 SET INSTRUCTION BOOK

MADE IN ENGLAND

Palikit

CONSTRUCTION SET

This manual, even if it contained a hundred pages, could show only a small portion of the models it is possible to build with the contents of the Palikit Set. No attempt is therefore made to illustrate the hundreds of simple models upon which you can start to work without delay.

Porter's barrows, handcarts, swings, signals, scales, bridges, simple cranes and vehicles of all descriptions; these and a hundred others will immediately suggest themselves to the fortunate possessor of a Palikit Set. Start with simple models, and you will quickly master the idea of using the special span driver, and how the various standard parts can be built into quite complicated working models.

SIMPLE INSTRUCTIONS

All Palikit parts are standard, and any two pieces can be bolted together with the standard sized nuts and screws supplied.

Do not tighten the nuts more than necessary to hold the pieces firmly

and you will then avoid damage to screw threads, and lengthen the life of your Set.

BELT DRIVES ON WORKING MODELS

These can be made with string, and the grooved pulley wheels in the Set. A reef knot is the best to use, as this knot will not slip. If you wish to reverse the drive, loop the string over the wheels making sure it crosses in the middle.

ILLUSTRATIONS

The models are all simple and easy to start with. Designed by our engineers upon proved mechanical principles, **any of them can be built with the contents of the Set number shown on top of each page.** The illustrated models will doubtless give you other ideas for more complicated designs, and you will find that it is by overcoming the problems of construction that you will derive your keenest enjoyment. **A successful model "made out of your head" is worth a dozen made out of this book.**

PALIKIT CONSTRUCTION SETS ARE NOW AVAILABLE IN FOUR SIZES

No. 1 SET (Junior)

Part No.	Description	Quan.
3	9 hole Flat Strip	4
4	7 hole Flat Strip	2
5	5 hole Flat Strip	4
10	1 hole Angle	4
11	1-3-1 Bracket	2
15	Pulley	1
18	Axle Bracket	2
19	Span Driver	1
22	4" Axle	2
26	Wheels	4
27	Screws	30
28	Nuts	30
29	Spring Stops	6
34	10 hole Base Plate	1

No. 2 SET (Intermediate)

Part No.	Description	Quan.
1	25 hole Flat Strip	2
2	11 hole Flat Strip	4
3	9 hole Flat Strip	8
4	7 hole Flat Strip	4
5	5 hole Flat Strip	4
6	17 hole Angle Strip	2
7	11 hole Angle Strip	4
8	7 hole Angle Strip	2
9	5 hole Angle Strip	2
10	1 hole Angle	8
11	1-3-1 Bracket	2
12	1-2-1 Bracket	1
13	Gusset Plate	6
14	5x5 hole Plate	2
15	Pulley	4
16	Collar	2
17	Crank Wheel	1
18	Axle Bracket	4
19	Span Driver	2
20	Handle	1
21	Hook	1
22	4" Axle	2
23	3" Axle	2
24	2" Axle	1
25	5 1/4" Axle	2
26	Wheels	4
27	Screws	72
28	Nuts	72
29	Spring Stops	12
34	10 hole Base Plate	1

No. 3 SET (Senior)

Part No.	Description	Quan.
1	25 hole Flat Strip	2
2	11 hole Flat Strip	4
3	9 hole Flat Strip	8
4	7 hole Flat Strip	4
5	5 hole Flat Strip	4
6	17 hole Angle Strip	2
7	11 hole Angle Strip	4
8	7 hole Angle Strip	2
9	5 hole Angle Strip	2
10	1 hole Angle	8
11	1-3-1 Bracket	2
12	1-2-1 Bracket	2
13	Gusset Plate	6
14	5x5 hole Plate	2
15	Pulley	4
16	Collar	4
17	Crank Wheel	1
18	Axle Bracket	4
19	Span Driver	2
20	Handle	1
21	Hook	1
22	4" Axle	2
23	3" Axle	1
24	2" Axle	1
25	5 1/4" Axle	2
26R	Wheels	4
27	Screws	84
28	Nuts	84
29	Spring Stops	16
30	10x5 hole Thin Plate	2
31	10x3 hole Thin Plate	2
32	5x5 hole Thin Plate	2
33	8 hole Tapered Plate	1
34	10 hole Base Plate	1

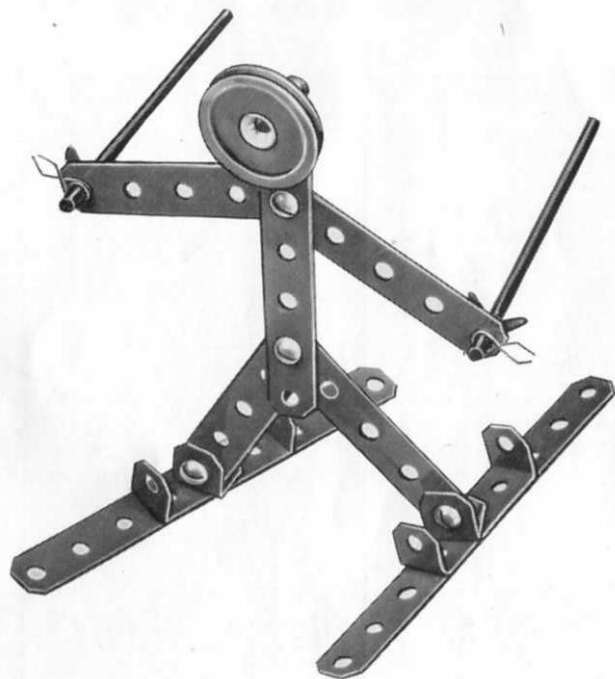
No. 5 SET (Super)

Part No.	Description	Quan.
1	25 hole Flat Strip	4
2	11 hole Flat Strip	4
3	9 hole Flat Strip	8
4	7 hole Flat Strip	4
5	5 hole Flat Strip	4
6	17 hole Angle Strip	4
7	11 hole Angle Strip	6
8	7 hole Angle Strip	4
9	5 hole Angle Strip	4
10	1 hole Angle	10
11	1-3-1 Bracket	2
12	1-2-1 Bracket	2
13	Gusset Plate	6
14	5x5 hole Plate	2
15	Pulley	6
16	Collar	4
17	Crank Wheel	1
18	Axle Bracket	4
19	Span Driver	2
20	Handle	1
21	Hook	1
22	4" Axle	2
23	3" Axle	1
24	2" Axle	1
25	5 1/4" Axle	2
26R	Wheels	4
27	Screws	168
28	Nuts	168
29	Spring Stops	32
30	10x5 hole Thin Plate	4
31	10x3 hole Thin Plate	4
32	5x5 hole Thin Plate	4
33	8 hole Tapered Plate	1
34	10 hole Base Plate	2

All sets are beautifully boxed, and the contents are of British manufacture and produced by skilled engineers on modern plant.

If any difficulty, write to the makers:

CASCELLOID, ABBEY LANE, LEICESTER

BUILT FROM**Palikit****No. 1 SET****MAN ON SKIS**

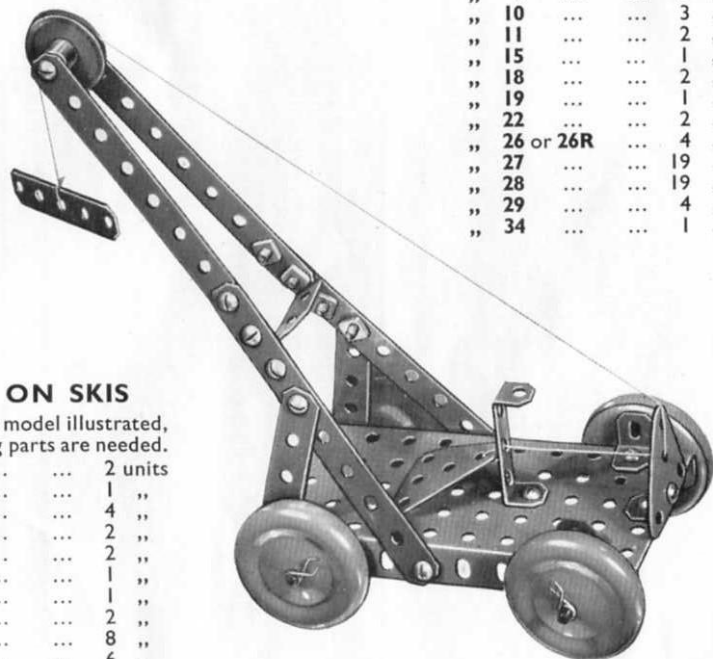
To make the model illustrated,
the following parts are needed.

No.	3	...	...	2 units
"	4	...	...	1 "
"	5	...	...	4 "
"	10	...	...	2 "
"	11	...	...	2 "
"	15	...	...	1 "
"	19	...	...	1 "
"	22	...	...	2 "
"	27	...	...	8 "
"	28	...	...	6 "
"	29	...	...	4 "

CRANE ON WHEELS

To make the model illustrated,
the following parts are needed.

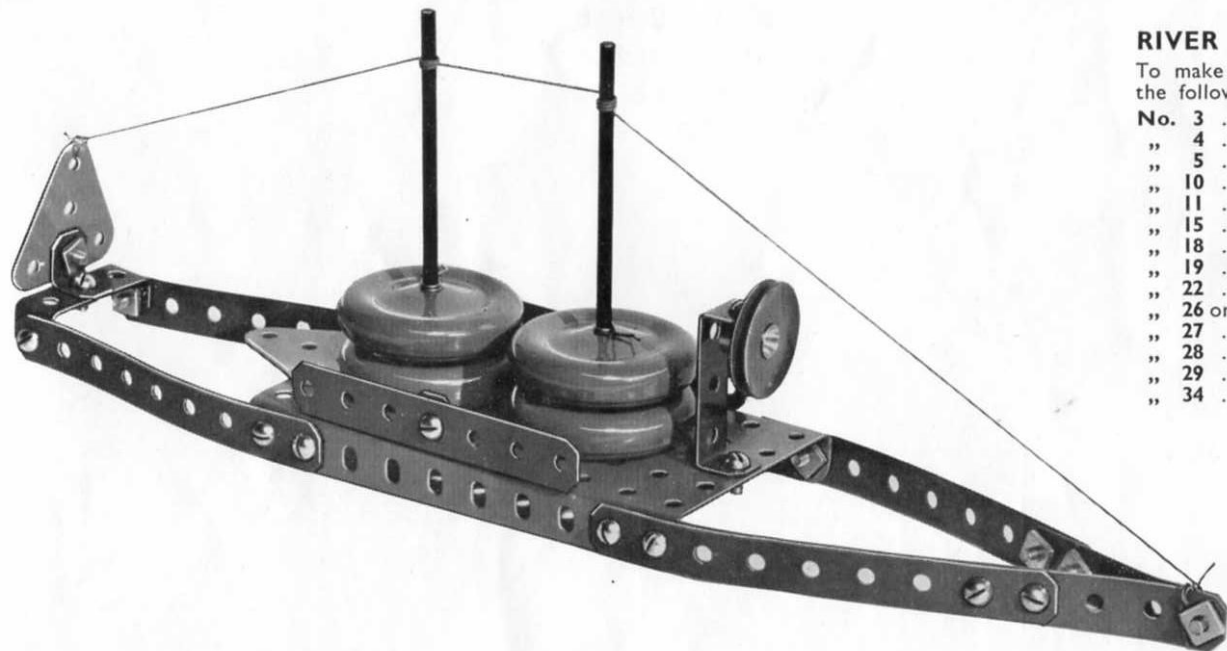
No.	3	...	...	4 units
"	5	...	...	3 "
"	10	...	...	3 "
"	11	...	...	2 "
"	15	...	...	1 "
"	18	...	...	2 "
"	19	...	...	1 "
"	22	...	...	2 "
"	26 or 26R	...	...	4 "
"	27	...	...	19 "
"	28	...	...	19 "
"	29	...	...	4 "
"	34	...	...	1 "



BUILD THIS RIVER PATROL BOAT WITH YOUR

Palikit

No. 1 SET



RIVER PATROL BOAT

To make the model illustrated, the following parts are needed.

No.	3	...	...	...	4 units
"	4	...	...	...	2 "
"	5	...	...	...	2 "
"	10	...	...	...	3 "
"	11	...	...	...	2 "
"	15	...	...	...	1 "
"	18	...	...	...	2 "
"	19	...	...	...	1 "
"	22	...	...	...	2 "
"	26 or 26R	...	...	...	4 "
"	27	...	...	...	24 "
"	28	...	...	...	23 "
"	29	...	...	...	4 "
"	34	...	...	...	1 "

SEE BACK COVER FOR KEY TO STANDARD PARTS

BUILT FROM

Palikit

No. 1 SET

**ROUNDABOUT**

To make the model illustrated, the following parts are needed.

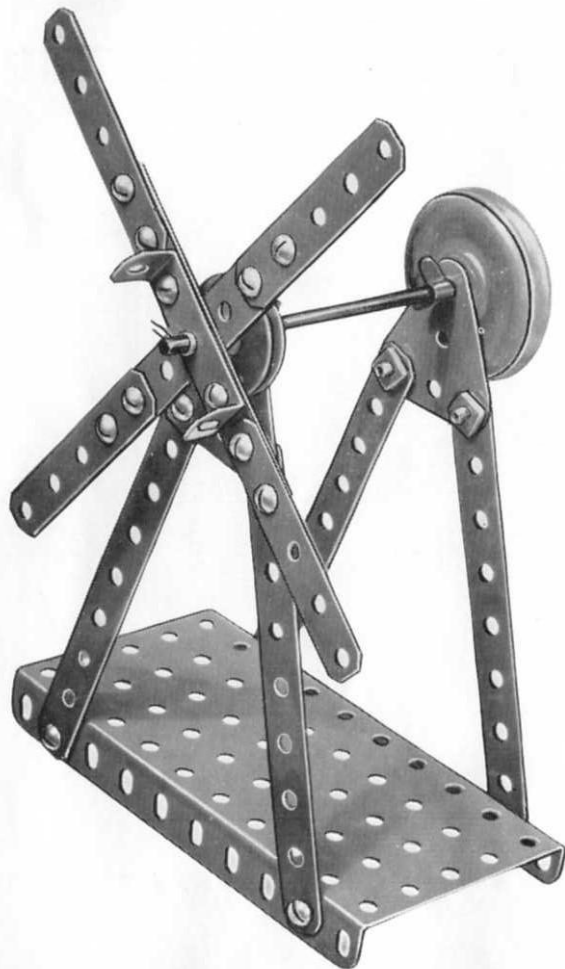
No.	3	...	...	...	4 units
"	4	...	...	...	2 "
"	5	...	...	...	4 "
"	10	...	...	...	4 "
"	11	...	...	...	2 "
"	15	...	...	...	1 "
"	18	...	...	...	2 "
"	19	...	...	...	1 "
"	22	...	...	...	1 "
"	27	...	...	...	22 "
"	28	...	...	...	22 "
"	29	...	...	...	2 "
"	34	...	...	...	1 "

TO MAKE THESE
SIMPLE MODELS
USE THE PARTS
AS LISTED

WINDMILL

To make the model illustrated, the following parts are needed.

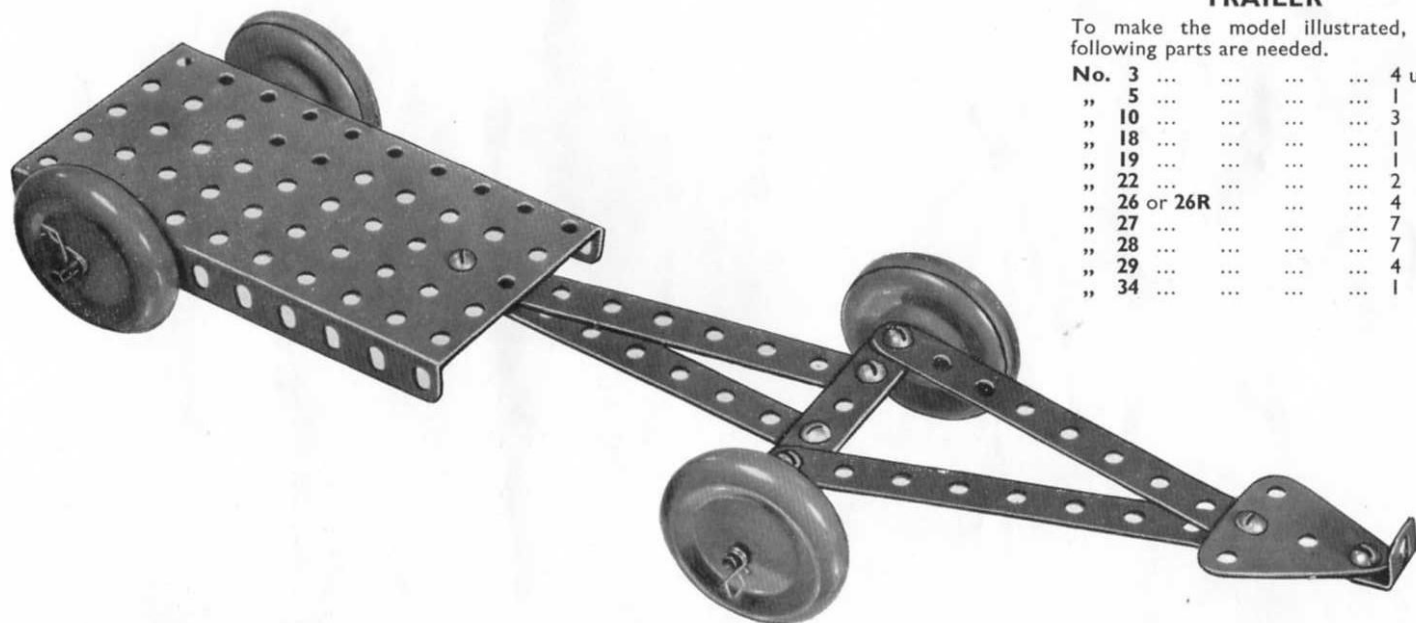
No.	3	...	...	...	4 units
"	4	...	...	...	2 "
"	5	...	...	...	4 "
"	11	...	...	...	1 "
"	15	...	...	...	1 "
"	18	...	...	...	2 "
"	19	...	...	...	1 "
"	22	...	...	...	1 "
"	26 or 26R	...	...	...	1 "
"	27	...	...	...	18 "
"	28	...	...	...	18 "
"	29	...	...	...	4 "
"	34	...	...	...	1 "



THIS TRAILER IS EASY TO MAKE FROM

Palikit

No. 1 SET



TRAILER

To make the model illustrated, the following parts are needed.

No.	3	...	...	...	...	4 units
"	5	...	...	...	...	1 "
"	10	...	...	...	...	3 "
"	18	...	...	...	...	1 "
"	19	...	...	...	...	1 "
"	22	...	...	...	...	2 "
"	26 or 26R	...	...	...	...	4 "
"	27	...	...	...	...	7 "
"	28	...	...	...	...	7 "
"	29	...	...	...	...	4 "
"	34	...	...	...	...	1 "

SEE BACK COVER FOR KEY TO STANDARD PARTS

BUILD THESE SIMPLE MODELS FROM

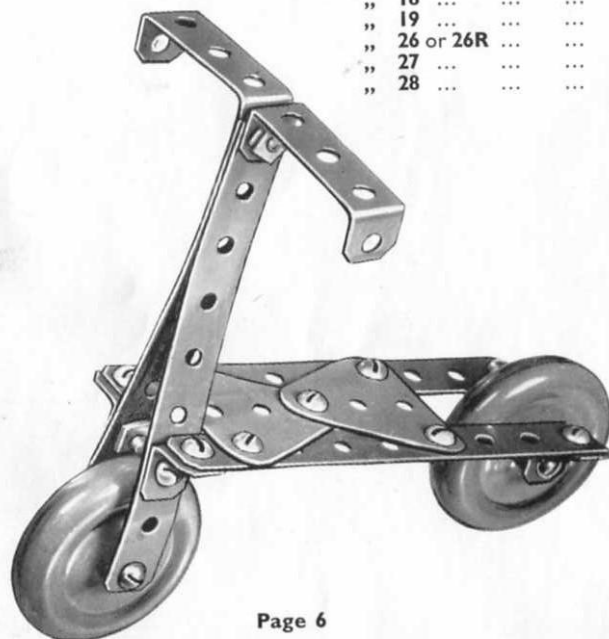
Palikit

No. 1 SET

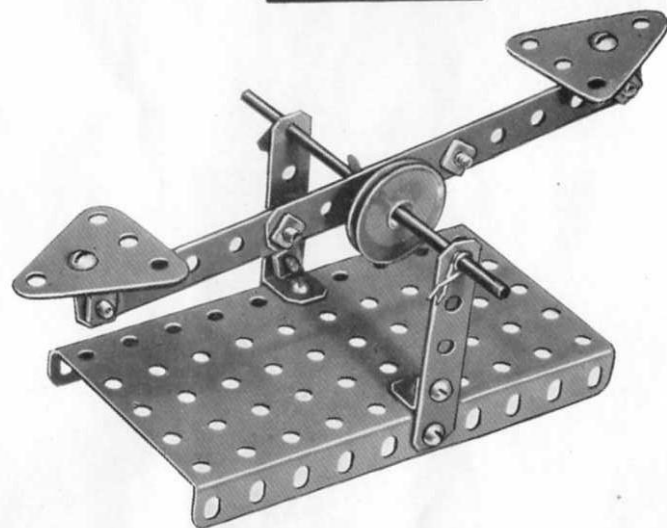
SCOOTER

To make the model illustrated, the following parts are needed.

No. 3	...	...	...	4 units
" 10	...	...	...	4 "
" 11	...	...	...	2 "
" 18	...	...	...	2 "
" 19	...	...	...	1 "
" 26 or 26R	...	...	...	2 "
" 27	...	...	...	16 "
" 28	...	...	...	16 "



Page 6

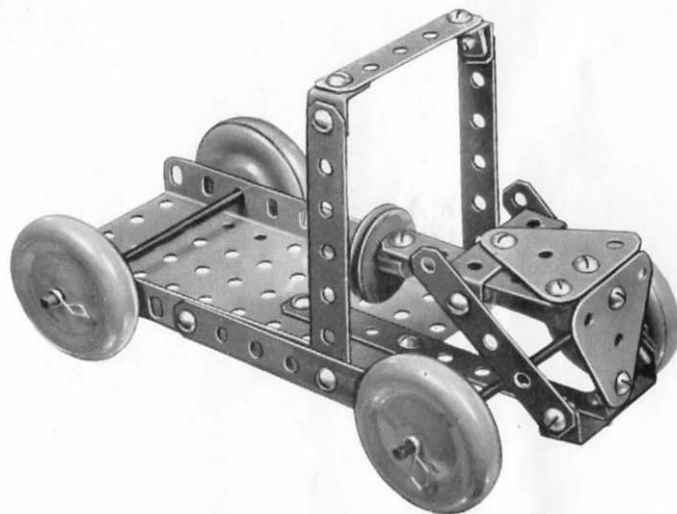


COUNTER SCALES

To make the model illustrated, the following parts are needed.

No. 3	...	...	...	2 units
" 5	...	...	...	2 "
" 10	...	...	...	4 "
" 15	...	...	...	1 "
" 18	...	...	...	2 "
" 19	...	...	...	1 "
" 22	...	...	...	1 "
" 27	...	...	...	13 "
" 28	...	...	...	12 "
" 29	...	...	...	3 "
" 34	...	...	...	1 "

TWO MORE ATTRACTIVE MODELS TO MAKE FROM

Palikit**No. 1 SET****LORRY**

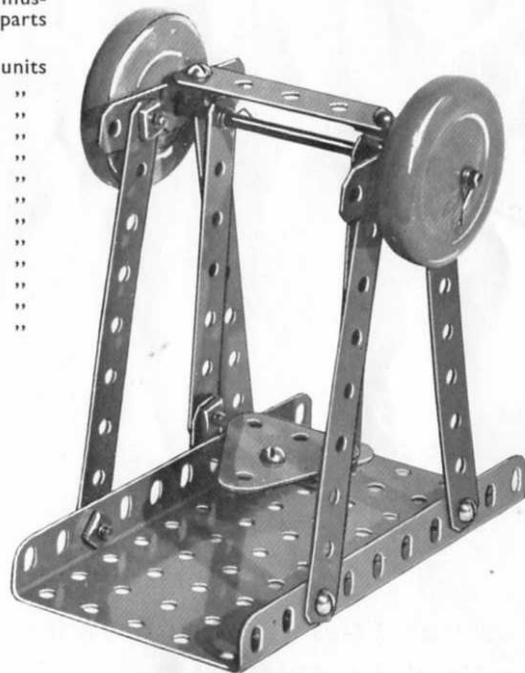
To make the model illustrated, the following parts are needed.

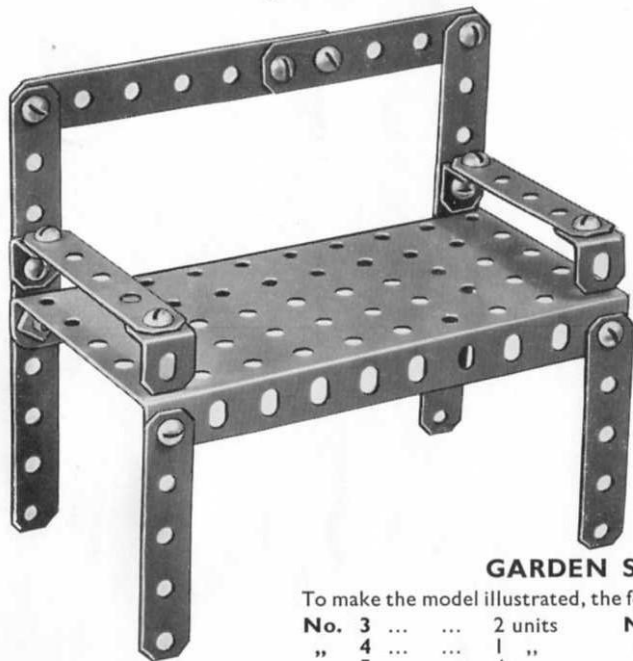
No. 3	3 units	No. 19	1 units
" 4	2 "	" 22	2 "
" 5	4 "	" 26 or 26R	4 "
" 10	4 "	" 27	21 "
" 11	2 "	" 28	20 "
" 15	1 "	" 29	4 "
" 18	2 "	" 34	1 "

SWING

To make the model illustrated, the following parts are needed.

No. 3	4 units
" 4	2 "
" 5	3 "
" 10	2 "
" 11	1 "
" 18	1 "
" 19	1 "
" 22	1 "
" 26 or 26R	2 "
" 27	12 "
" 28	12 "
" 29	4 "
" 34	1 "



BUILT FROM**Palikit****No. 1 SET****GARDEN SEAT**

To make the model illustrated, the following parts are needed.

No. 3	2 units	No. 19	1 units
" 4	1 "	" 27	14 "
" 5	4 "	" 28	14 "
" 10	4 "	" 34	1 "

**SACK BARROW**

To make the model illustrated, the following parts are needed.

No. 5	3 units
" 10	2 "
" 11	2 "
" 19	1 "
" 22	1 "
" 26 or 26R	2 "
" 27	6 "
" 28	6 "
" 29	2 "
" 34	1 "

MORE ADVANCED CONSTRUCTION SETS ARE AVAILABLE IN THE FOLLOWING SIZES:**No. 2 INTERMEDIATE**

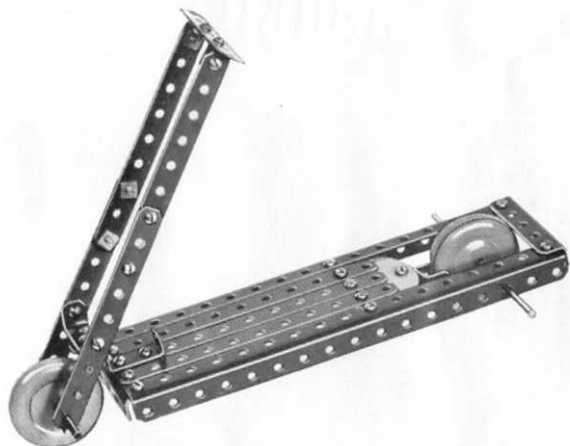
-

No. 3 SENIOR

-

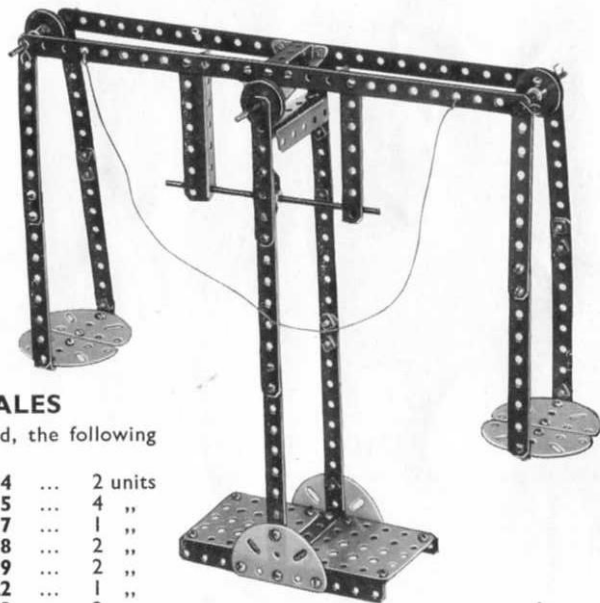
No. 5 SUPER

THESE MODELS BUILT FROM

Palikit**No. 2 SET****SCOOTER**

To make the model illustrated, the following parts are needed.

No.	2	...	3	units	No.	13	...	1	units
"	3	...	4	"	"	16	...	2	"
"	4	...	1	"	"	19	...	2	"
"	6	...	2	"	"	22	...	1	"
"	9	...	2	"	"	23	...	1	"
"	10	...	6	"	"	26 or 26R	...	2	"
"	11	...	1	"	"	27	...	29	"
"	12	...	1	"	"	28	...	31	"
					"	29	...	4	"

**BALANCE SCALES**

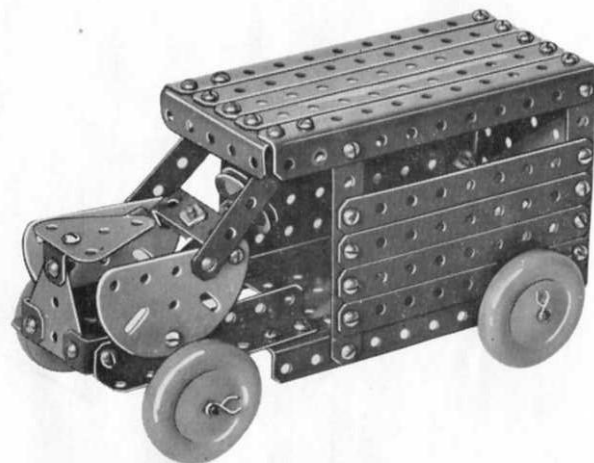
To make the model illustrated, the following parts are needed.

No.	1	...	2	units	No.	14	...	2	units
"	2	...	4	"	"	15	...	4	"
"	3	...	8	"	"	17	...	1	"
"	4	...	2	"	"	18	...	2	"
"	5	...	3	"	"	19	...	2	"
"	7	...	2	"	"	22	...	1	"
"	8	...	2	"	"	23	...	2	"
"	9	...	1	"	"	25	...	1	"
"	10	...	6	"	"	27	...	61	"
"	11	...	1	"	"	28	...	60	"
"	13	...	6	"	"	29	...	10	"

USE THE PARTS LISTED TO BUILD THESE ATTRACTIVE MODELS FROM

Palikit

No. 2 SET



MOTOR VAN

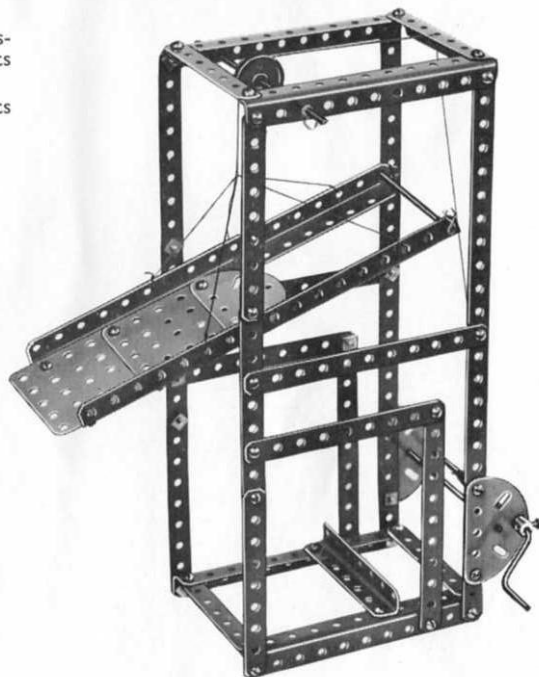
To make the model illustrated, the following parts are needed.

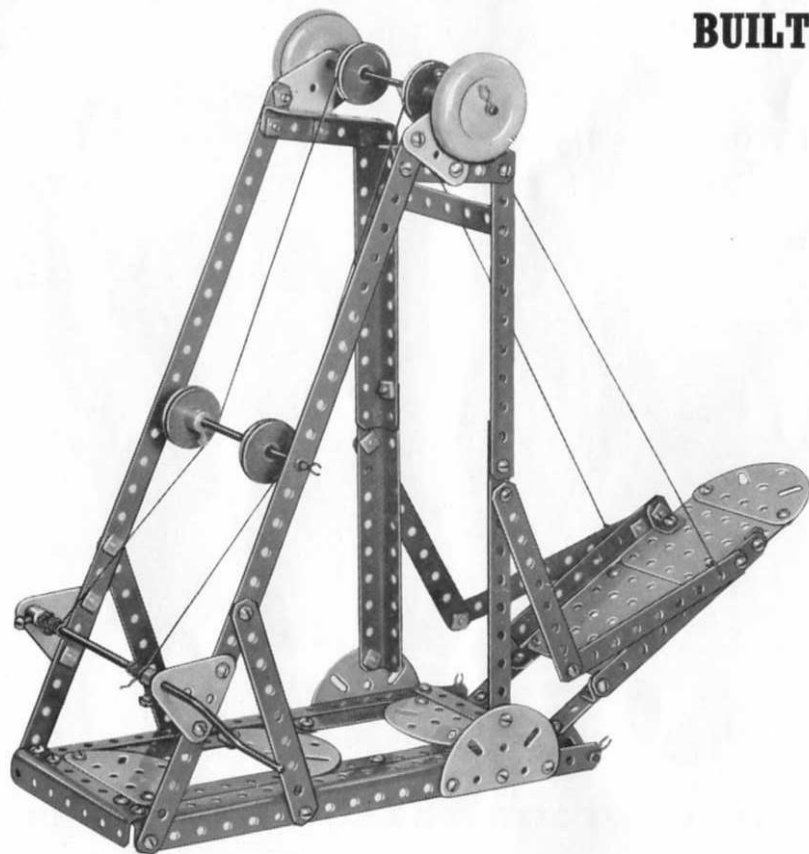
No.	2	...	3	units	No.	14	...	2	units
"	3	...	8	"	"	15	...	1	"
"	4	...	4	"	"	18	...	2	"
"	5	...	2	"	"	19	...	2	"
"	7	...	4	"	"	22	...	2	"
"	8	...	2	"	"	23	...	1	"
"	9	...	2	"	"	24	...	1	"
"	10	...	8	"	"	26 or 26R	...	4	"
"	11	...	1	"	"	27	...	62	"
"	13	...	4	"	"	28	...	61	"
					"	29	...	5	"

CAR LIFT

To make the model illustrated the following parts are needed.

No.	1	...	2	units
"	2	...	4	"
"	3	...	8	"
"	4	...	3	"
"	6	...	2	"
"	7	...	4	"
"	8	...	2	"
"	13	...	3	"
"	14	...	2	"
"	15	...	1	"
"	16	...	2	"
"	19	...	2	"
"	20	...	1	"
"	23	...	1	"
"	25	...	2	"
"	27	...	50	"
"	28	...	47	"
"	29	...	7	"



BUILT FROM**Palikit****No. 2 SET****DRAWBRIDGE**

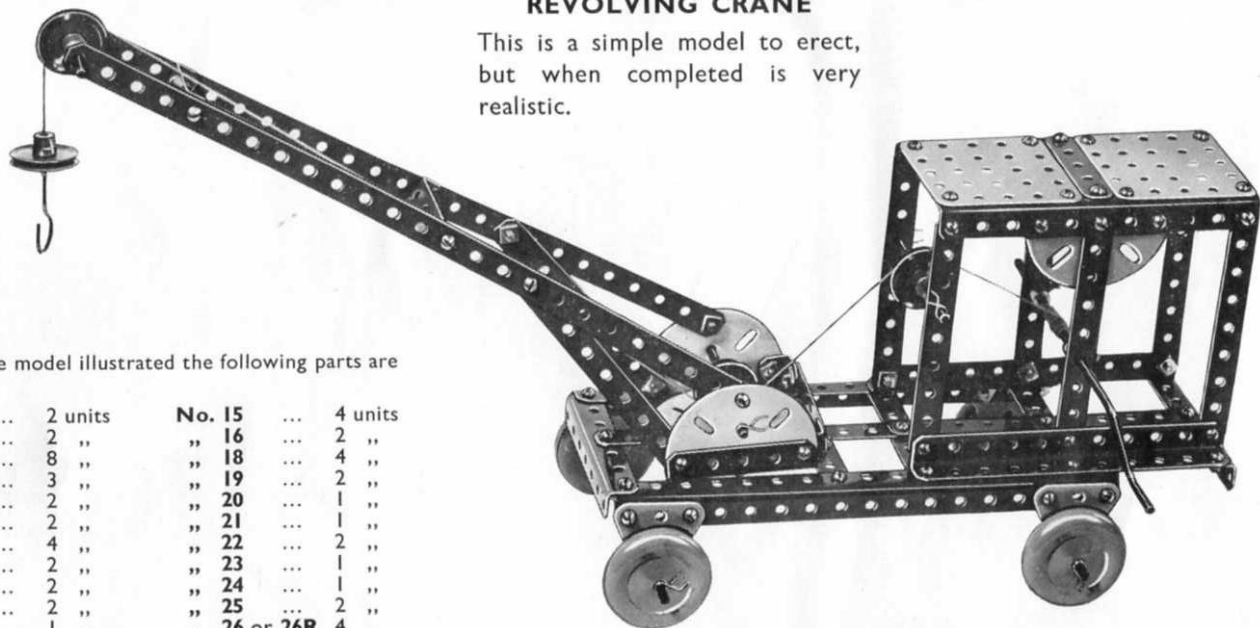
This working model can be varied in a number of ways, to provide extra enjoyment for the builder.

To make the model illustrated the following parts are needed.

No.	1	...	2 units	No.	14	...	2 units
"	2	...	4 "	"	15	...	4 "
"	3	...	8 "	"	16	...	2 "
"	4	...	4 "	"	18	...	4 "
"	5	...	2 "	"	19	...	2 "
"	6	...	2 "	"	20	...	1 "
"	7	...	4 "	"	22	...	2 "
"	8	...	1 "	"	25	...	1 "
"	9	...	2 "	"	26 or 26R	...	2 "
"	10	...	6 "	"	27	...	63 "
"	13	...	6 "	"	28	...	57 "
				"	29	...	6 "

BUILT FROM**Palikit****No. 2 SET****REVOLVING CRANE**

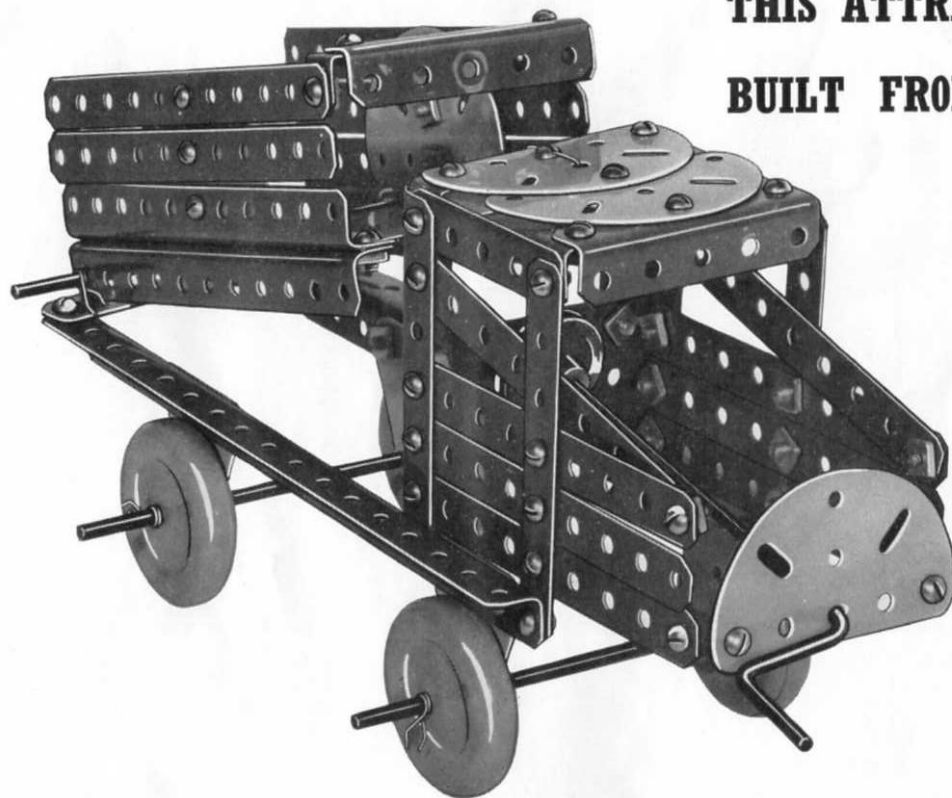
This is a simple model to erect,
but when completed is very
realistic.



To make the model illustrated the following parts are needed.

No.	1	...	2	units	No.	15	...	4	units
"	2	...	2	"	"	16	...	2	"
"	3	...	8	"	"	18	...	4	"
"	4	...	3	"	"	19	...	2	"
"	5	...	2	"	"	20	...	1	"
"	6	...	2	"	"	21	...	1	"
"	7	...	4	"	"	22	...	2	"
"	8	...	2	"	"	23	...	1	"
"	9	...	2	"	"	24	...	1	"
"	10	...	2	"	"	25	...	2	"
"	11	...	1	"	"	26 or 26R	...	4	"
"	12	...	1	"	"	27	...	65	"
"	13	...	6	"	"	28	...	60	"
"	14	...	2	"	"	29	...	10	"

SEE BACK COVER FOR KEY TO STANDARD PARTS



THIS ATTRACTIVE WORKING MODEL

BUILT FROM **Palikit** No. 2 SET

TIPPER TRUCK

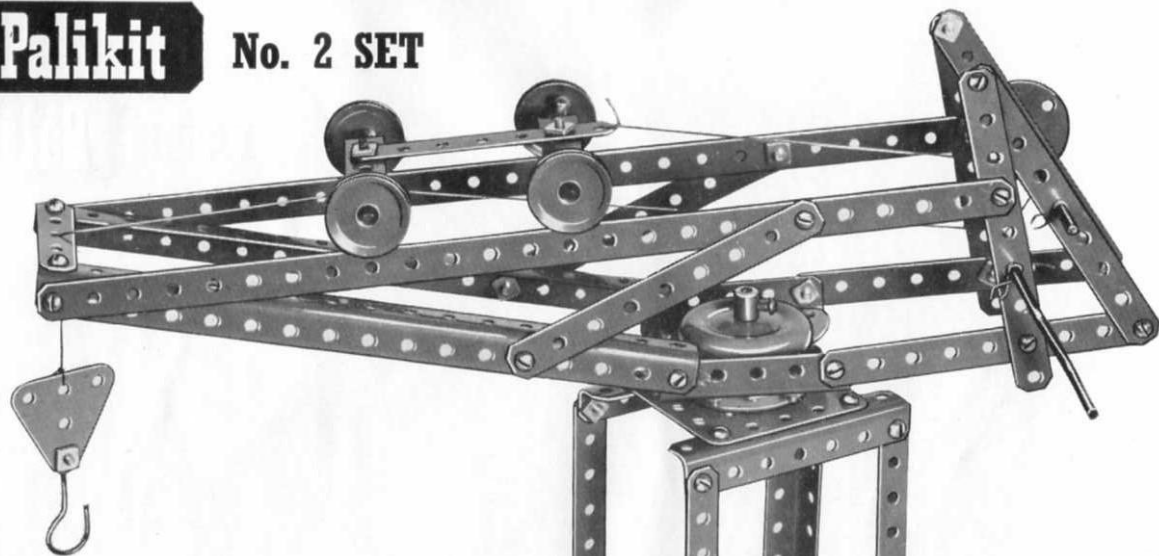
An easy model to make. By winding the front handle, the truck tips very efficiently.

To make the model illustrated, the following parts are needed.

No.	2	4 units	No.	14	2 units
"	3	8	"	15	1
"	4	3	"	18	4
"	5	4	"	19	2
"	6	2	"	20	1
"	7	4	"	22	1
"	8	2	"	25	2
"	9	2	"	26 or 26R	4
"	10	8	"	27	70
"	11	1	"	28	70
"	12	1	"	29	7
"	13	6	"		

BUILT FROM**Palikit****No. 2 SET****OVERHEAD
SWIVEL
GANTRY
CRANE**

An intricate model to make, with lots of play value when completed.



To make the model illustrated, the following parts are needed.

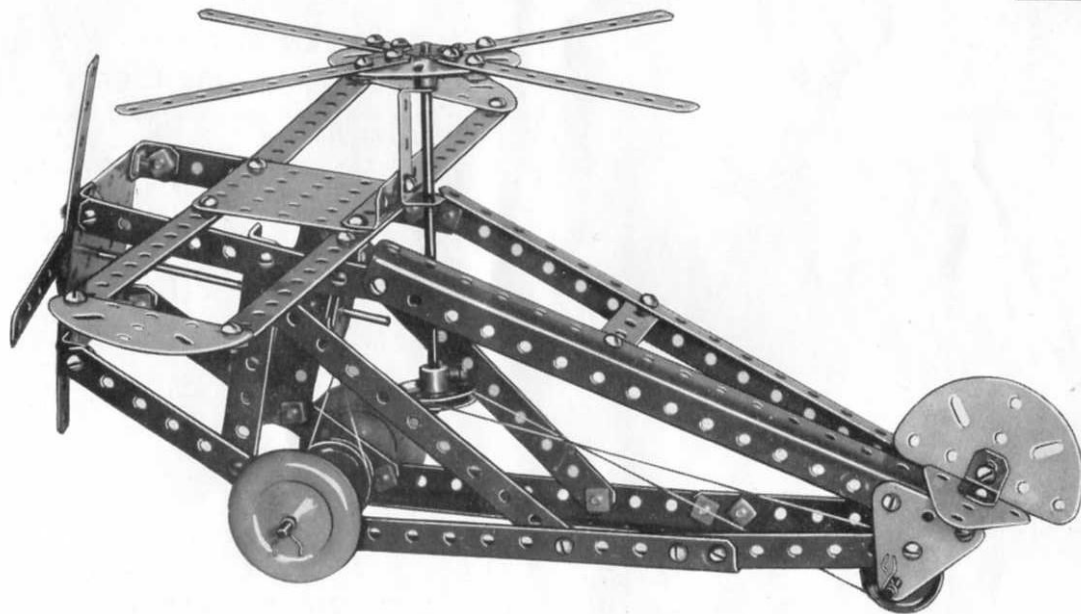
No. 1	...	2 units	No. 11	...	1 units	No. 20	...	1 units
" 2	...	2 "	" 12	...	1 "	" 21	...	1 "
" 3	...	8 "	" 13	...	3 "	" 22	...	1 "
" 4	...	1 "	" 14	...	2 "	" 23	...	2 "
" 5	...	1 "	" 15	...	4 "	" 24	...	1 "
" 6	...	2 "	" 16	...	2 "	" 26 or 26R	2 "	
" 7	...	4 "	" 17	...	1 "	" 27	...	48 "
" 8	...	2 "	" 18	...	1 "	" 28	...	41 "
" 9	...	2 "	" 19	...	2 "	" 29	...	3 "

THIS IS AN INTERESTING WORKING MODEL

BUILT FROM

Palikit

No. 2 SET



HELICOPTER PLANE

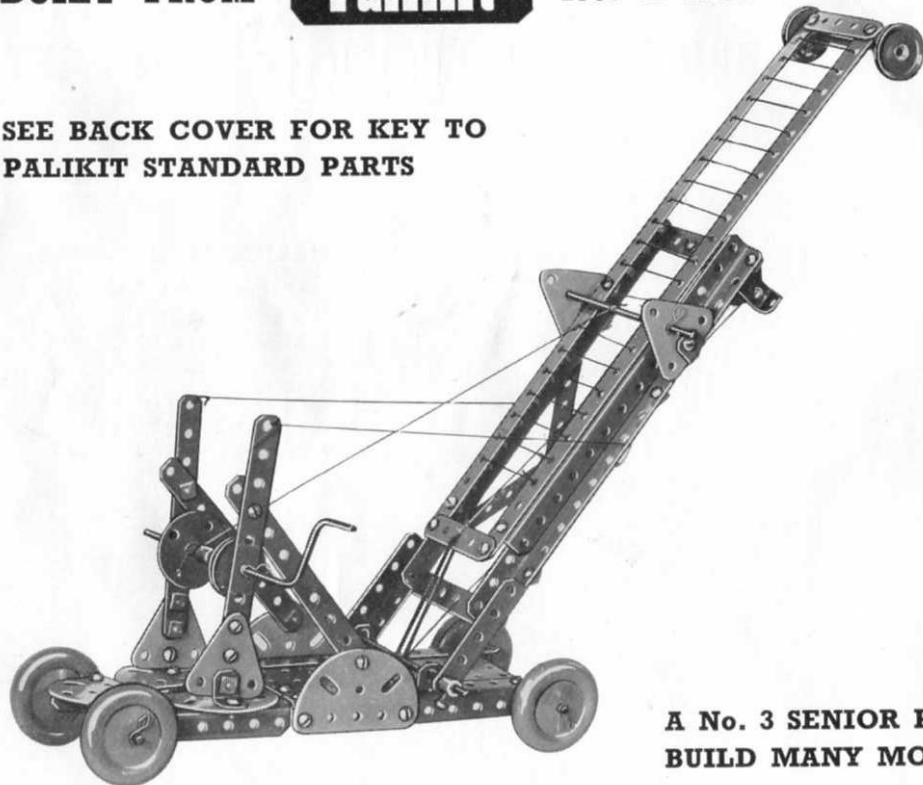
To make the model illustrated, the following parts are needed.

No.	1	2 units	No.	15	4 units
"	2	4 "	"	16	2 "
"	3	8 "	"	17	1 "
"	4	3 "	"	18	4 "
"	5	1 "	"	19	2 "
"	6	2 "	"	22	1 "
"	7	2 "	"	24	1 "
"	8	2 "	"	25	2 "
"	9	1 "	"	26 or 26R	2 "
"	10	8 "	"	27	65 "
"	11	1 "	"	28	62 "
"	13	5 "	"	29	5 "
"	14	2 "			

SEE BACK COVER FOR KEY TO PALIKIT STANDARD PARTS

BUILT FROM**Palikit****No. 2 SET**

**SEE BACK COVER FOR KEY TO
PALIKIT STANDARD PARTS**



EXTENDING AND ADJUSTABLE FIRE ESCAPE

To make the model illustrated, the following parts are needed.

No. 1 ...	2 units	No. 15 ...	4 units
" 2 ...	4 "	" 16 ...	2 "
" 3 ...	4 "	" 17 ...	1 "
" 4 ...	4 "	" 18 ...	4 "
" 5 ...	2 "	" 19 ...	2 "
" 6 ...	2 "	" 20 ...	1 "
" 7 ...	4 "	" 22 ...	2 "
" 8 ...	2 "	" 23 ...	1 "
" 9 ...	2 "	" 24 ...	1 "
" 10 ...	8 "	" 25 ...	2 "
" 11 ...	1 "	" 26 or 26R	4 "
" 12 ...	1 "	" 27 ...	72 "
" 13 ...	6 "	" 28 ...	67 "
" 14 ...	2 "	" 29 ...	8 "

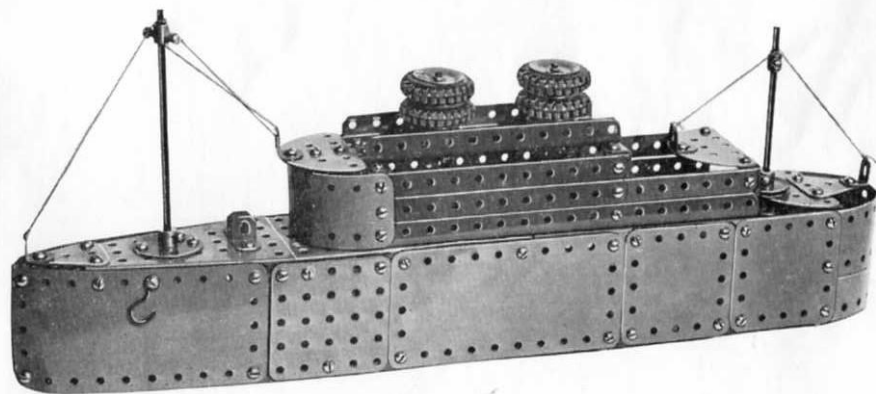
**A No. 3 SENIOR PALIKIT SET WILL ENABLE YOU TO
BUILD MANY MORE FINE MODELS**

THIS MODEL CAN ONLY BE BUILT FROM **Palikit** No. 5 SET

OCEAN LINER

To make the model illustrated the following parts are required.

No. 1	...	4 units	No. 18	...	4 units
" 2	...	4 "	" 19	...	2 "
" 4	...	2 "	" 21	...	1 "
" 5	...	4 "	" 22	...	2 "
" 6	...	2 "	" 25	...	2 "
" 7	...	4 "	" 26R	...	4 "
" 9	...	4 "	" 27	...	104 "
" 10	...	10 "	" 28	...	97 "
" 11	...	2 "	" 29	...	2 "
" 12	...	2 "	" 30	...	4 "
" 13	...	3 "	" 31	...	3 "
" 14	...	2 "	" 32	...	4 "
" 15	...	4 "	" 33	...	1 "
" 16	...	4 "	" 34	...	2 "
" 17	...	1 "			



If you have enjoyed making the models illustrated in this small booklet, plus the hundreds of others that can be made, tell your friends of the wonderful instructive play value which is provided by

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CONSTRUCTION SET

LIST OF PARTS

with key numbers

SEE PAGE I FOR CONTENTS OF EACH SET

