



# 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)

## No. 2 SET (Intermediate)

## No. 3 SET (Senior)

## No. 5 SET (Super)

Part No.	Description	Quan.	Part No.	Description	Quan.	Part No.	Description	Quan.	Part No.	Description	Quan.
3	9 hole Flat Strip	4	1	25 hole Flat Strip	2	1	25 hole Flat Strip	2	1	25 hole Flat Strip	4
4	7 hole Flat Strip	2	2	11 hole Flat Strip	4	2	11 hole Flat Strip	4	2	11 hole Flat Strip	4
5	5 hole Flat Strip	4	3	9 hole Flat Strip	8	3	9 hole Flat Strip	8	3	9 hole Flat Strip	8
10	1 hole Angle	4	4	7 hole Flat Strip	4	4	7 hole Flat Strip	4	4	7 hole Flat Strip	4
11	1-3-1 Bracket	2	5	5 hole Flat Strip	4	5	5 hole Flat Strip	4	5	5 hole Flat Strip	4
15	Pulley	1	6	17 hole Angle Strip	2	6	17 hole Angle Strip	2	6	17 hole Angle Strip	4
18	Axle Bracket	2	7	11 hole Angle Strip	4	7	11 hole Angle Strip	4	7	11 hole Angle Strip	6
19	Span Driver	1	8	7 hole Angle Strip	2	8	7 hole Angle Strip	2	8	7 hole Angle Strip	4
22	4" Axle	2	9	5 hole Angle Strip	2	9	5 hole Angle Strip	2	9	5 hole Angle Strip	4
26	Wheels	4	10	1 hole Angle	8	10	1 hole Angle	8	10	1 hole Angle	10
27	Screws	30	11	1-3-1 Bracket	2	11	1-3-1 Bracket	2	11	1-3-1 Bracket	2
28	Nuts	30	12	1-2-1 Bracket	1	12	1-2-1 Bracket	2	12	1-2-1 Bracket	2
29	Spring Stops	6	13	Gusset Plate	6	13	Gusset Plate	6	13	Gusset Plate	6
34	10 hole Base Plate	1	14	5x5 hole Plate	2	14	5x5 hole Plate	2	14	5x5 hole Plate	2
			15	Pulley	4	15	Pulley	4	15	Pulley	6
			16	Collar	2	16	Collar	4	16	Collar	4
			17	Crank Wheel	1	17	Crank Wheel	1	17	Crank Wheel	1
			18	Axle Bracket	4	18	Axle Bracket	4	18	Axle Bracket	4
			19	Span Driver	2	19	Span Driver	2	19	Span Driver	2
			20	Handle	1	20	Handle	1	20	Handle	1
			21	Hook	1	21	Hook	1	21	Hook	1
			22	4" Axle	2	22	4" Axle	2	22	4" Axle	2
			23	3" Axle	2	23	3" Axle	2	23	3" Axle	2
			24	2" Axle	1	24	2" Axle	1	24	2" Axle	1
			25	5½" Axle	2	25	5½" Axle	2	25	5½" Axle	2
			26	Wheels	4	26R	Wheels	4	26R	Wheels	4
			27	Screws	72	27	Screws	84	27	Screws	168
			28	Nuts	72	28	Nuts	84	28	Nuts	168
			29	Spring Stops	12	29	Spring Stops	16	29	Spring Stops	32
			34	10 hole Base Plate	1	30	10x5 hole Thin Plate	2	30	10x5 hole Thin Plate	4
						31	10x3 hole Thin Plate	2	31	10x3 hole Thin Plate	4
						32	5x5 hole Thin Plate	2	32	5x5 hole Thin Plate	4
						33	8 hole Tapered Plate	1	33	8 hole Tapered Plate	1
						34	10 hole Base 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**

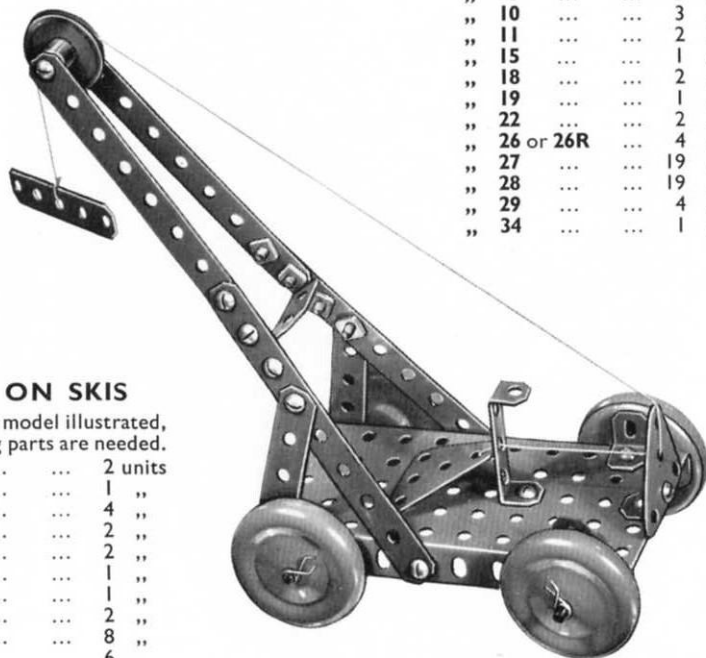
To make the model illustrated,  
the following parts are needed.

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.

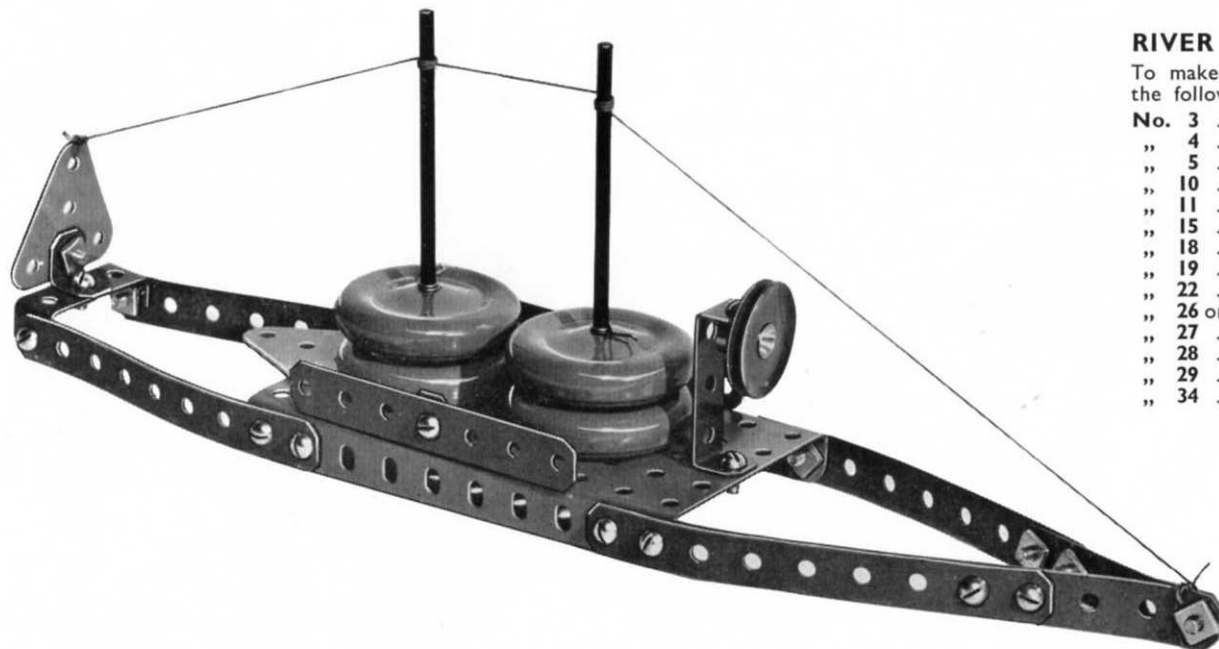
No.	3	...	...	4 units
"	5	...	...	3 "
"	10	...	...	3 "
"	11	...	...	2 "
"	15	...	...	1 "
"	18	...	...	2 "
"	19	...	...	1 "
"	22	...	...	2 "
"	26 or 26R	...	...	4 "
"	27	...	...	19 "
"	28	...	...	19 "
"	29	...	...	4 "
"	34	...	...	1 "



# 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****ROUNABOUT**

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

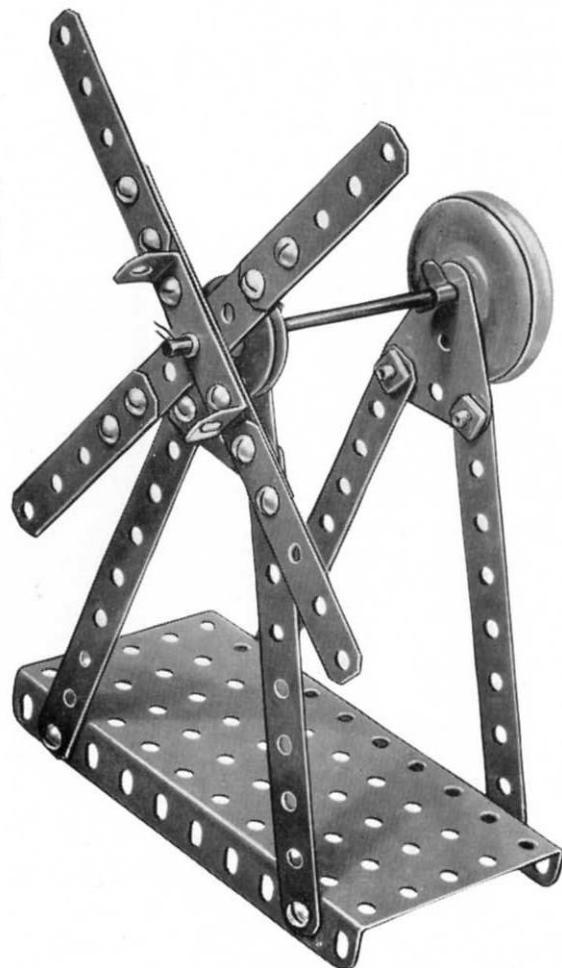
No.	3	...	...	...	4 units
"	4	...	...	...	2 "
"	5	...	...	...	4 "
"	10	...	...	...	4 "
"	11	...	...	...	2 "
"	15	...	...	...	1 "
"	18	...	...	...	2 "
"	19	...	...	...	1 "
"	22	...	...	...	1 "
"	27	...	...	...	22 "
"	28	...	...	...	22 "
"	29	...	...	...	2 "
"	34	...	...	...	1 "

**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 "

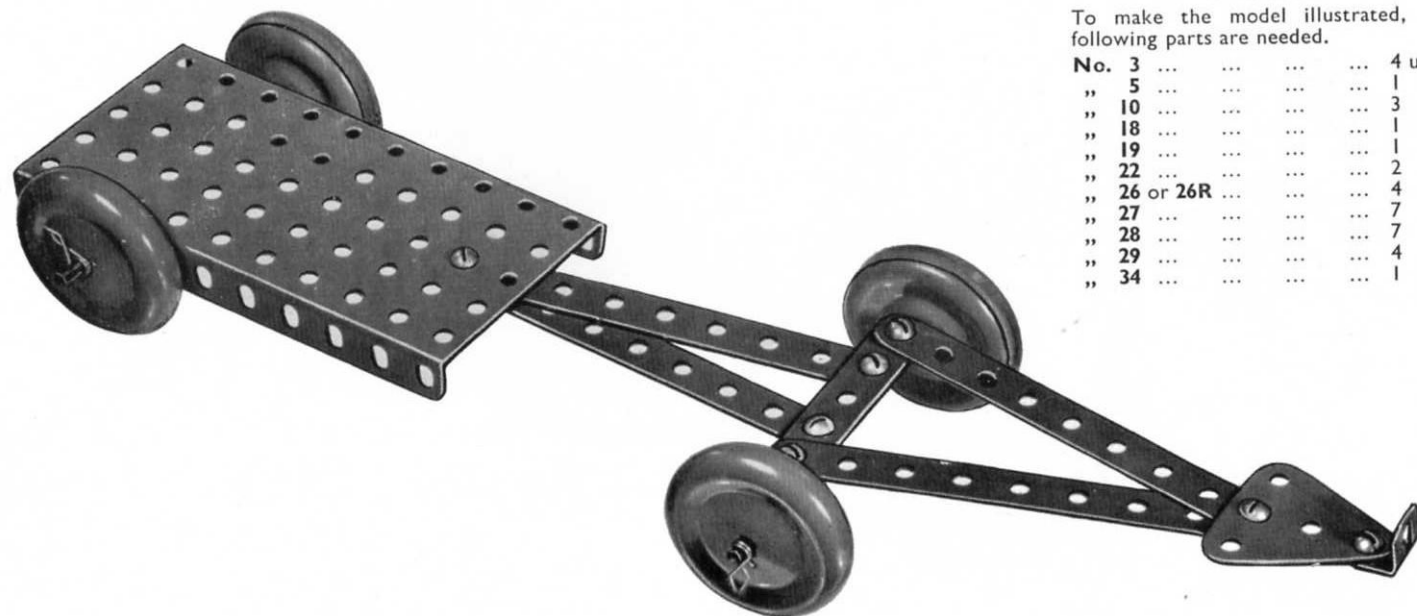




# THIS TRAILER IS EASY TO MAKE FROM

# 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 "

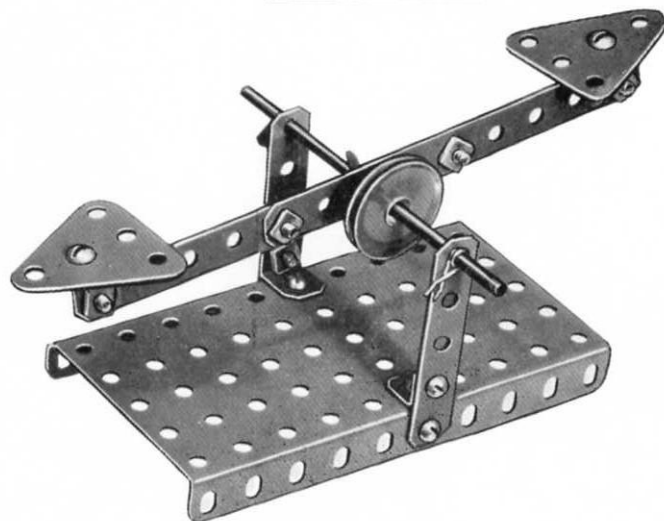
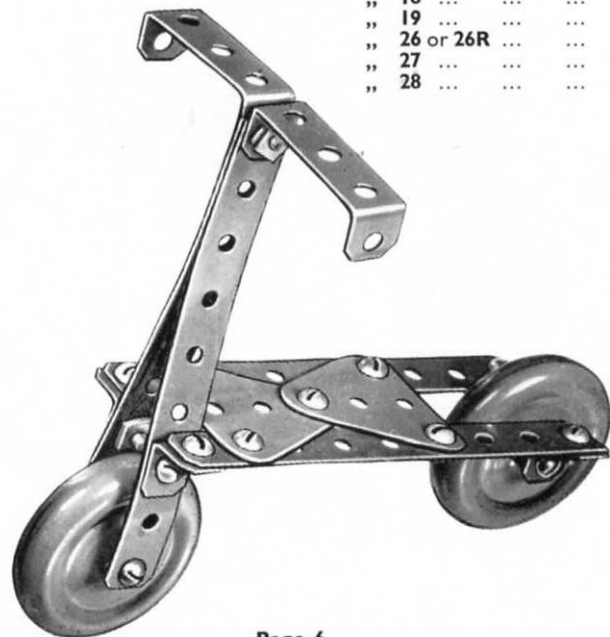
SEE BACK COVER FOR KEY TO STANDARD PARTS

# 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 "



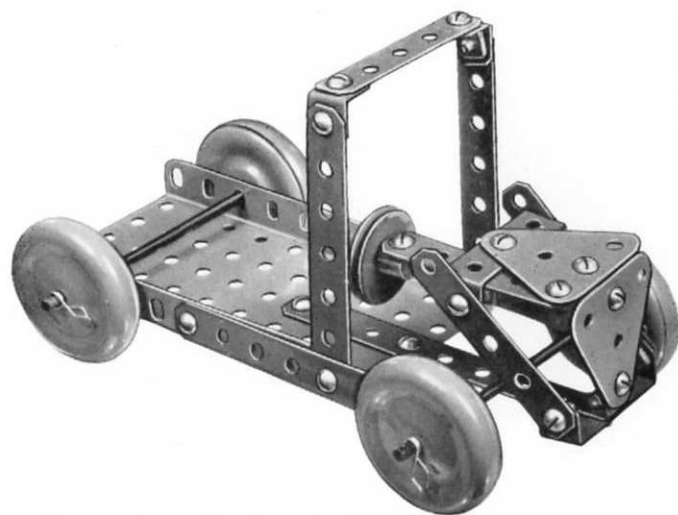
## COUNTER SCALES

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.

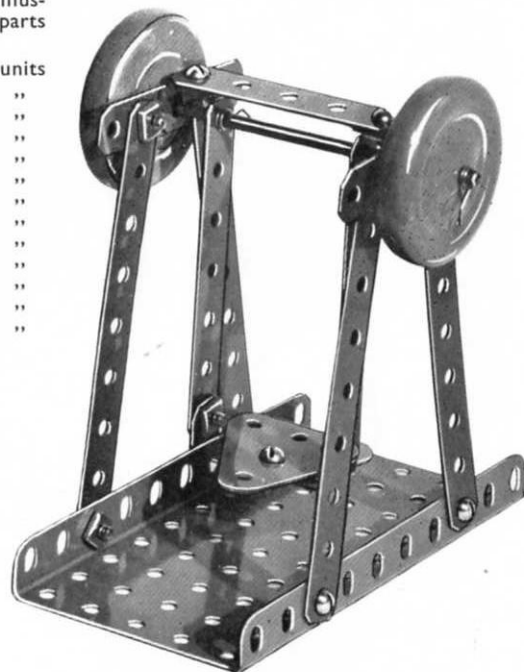
<b>No.</b>	<b>3</b>	...	...	3 units
"	4	...	...	2 "
"	5	...	...	4 "
"	10	...	...	4 "
"	11	...	...	2 "
"	15	...	...	1 "
"	18	...	...	2 "

<b>No.</b>	<b>19</b>	...	...	1 units
"	22	...	...	2 "
"	26 or 26R	...	...	4 "
"	27	...	...	21 "
"	28	...	...	20 "
"	29	...	...	4 "
"	34	...	...	1 "

**SWING**

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

<b>No.</b>	<b>3</b>	...	...	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.

<b>No. 3</b> ... ..	2 units	<b>No. 19</b> ... ..	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.

<b>No. 5</b> ... ..	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**

-

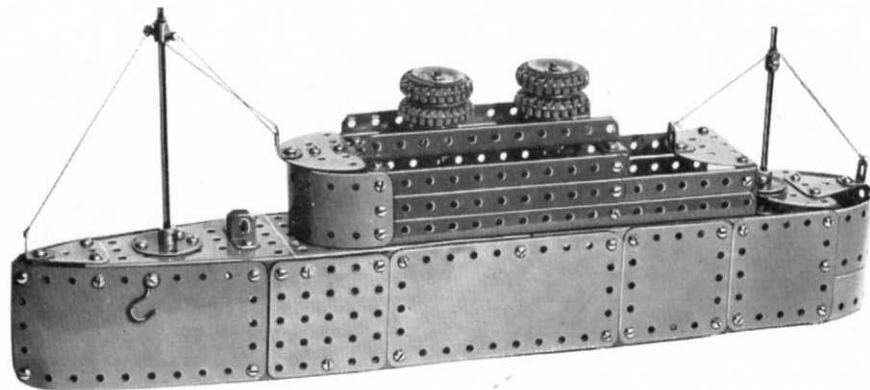
**No. 5 SUPER**

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

## OCEAN LINER

To make the model illustrated the following parts are required.

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



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

**PALIKIT CONSTRUCTION SETS**

Made in England by **CASCELLOID . ABBEY LANE . LEICESTER**

# Palikit

REGD.

## CONSTRUCTION SET

## LIST OF PARTS

with key numbers

SEE PAGE I FOR CONTENTS OF EACH SET

