

MODELIT

A High-Class Educational
Toy for Boys
Fascinating and Instructive

Made by
THE WATROUS MFG. CO.
EAST HAMPTON, CONN., U. S. A.

Modelit

“**M**ODELIT” teaches a boy the first principles of mechanics—and interests him in them. The machine parts making up the outfit are of nickel-plated steel and polished brass, and every part is mechanically accurate. The models illustrated in this book can all be built with “MODELIT” and not only these, but many others that the youthful mechanist can think out for himself. “MODELIT” is an EDUCATOR in the form of an attractive toy.

It will be best for the builder thoroughly to know the parts of “MODELIT” by sight and name before he begins work on any model; he is referred, therefore, to pages 28 and 29 for full descriptions and illustrations.

Each model made with “MODELIT” can be taken apart and other models made with the same parts. Additional parts can be purchased at any time from your dealer or from us direct.

“MODELIT” comes in 5 different sets. A book of instruction is included with sets numbered from 2 to 5 describing models to be built with all the outfits.

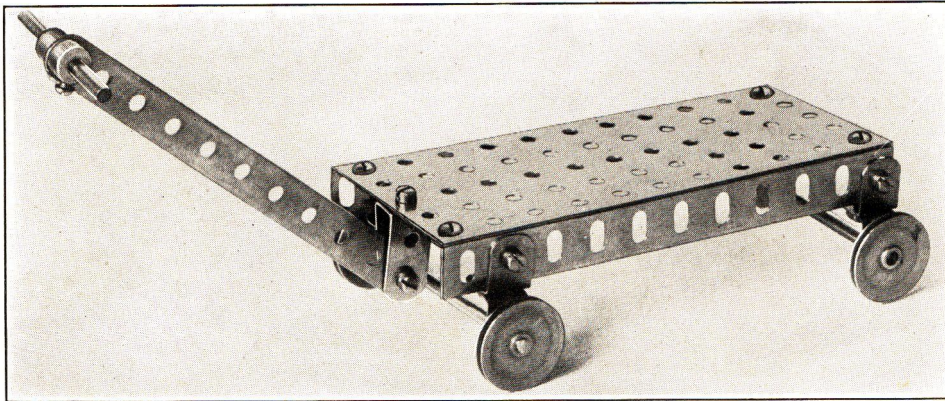
The parts in the No. 1 set of “MODELIT” are interchangeable with those in the larger and more complete sets, and extra parts may be purchased separately or in Accessory Outfits. A No. 1-A Accessory Outfit will convert a No. 1 set into a regular No. 2. The No. 2-A Accessory Outfit contains parts sufficient to make the No. 2 into a No. 3 set, and so on. Each outfit can thus be made more complete at minimum expense as the skill of the user demands larger means of expression.

Every user of “MODELIT” is entitled to FREE CONSULTATION with our experts as to his mechanical problems. A special department is maintained to help “MODELIT” builders in their work. Suggestions and drawings will be sent to anyone desiring aid in constructing new models.

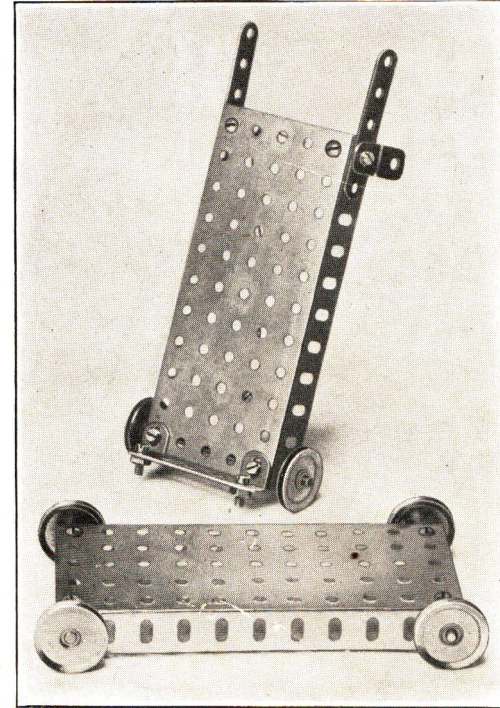
To encourage the building of ingenious and original models we are conducting a prize contest. Send us your full name and address on postal card found in this outfit and we will mail you full particulars regarding prizes, etc., and will also send you from time to time cuts of new models and other valuable information.

The Watrous Mfg. Co.

East Hampton, Conn., U. S. A.

FACTORY TRUCK**Model No. 1****PARTS REQUIRED**

- | | |
|--|---------------------------------|
| 1 — Large Perforated Plate. | 2 — $4\frac{1}{2}$ " Axle Rods. |
| 2 — $5\frac{1}{2}$ " Angle Girders. | 1 — 2" Axle Rod. |
| 8 — Angle Brackets. | 2 — Collars. |
| 1 — $5\frac{1}{2}$ " Perforated Strip. | 1 — Single Bent Strip. |
| 4 — 1" Pulley Wheels. | 14 — Screws and Nuts. |

FREIGHT TRUCK**Model No. 2****FLAT TRUCK****Model No. 3****PARTS REQUIRED**

- | |
|---|
| 1 — Large Perforated Plate. |
| 2 — $5\frac{1}{2}$ " Angle Girders. |
| 3 — $2\frac{1}{2}$ " Perforated Strips. |
| 6 — Angle Brackets. |
| 2 — 1" Pulley Wheels. |
| 1 — $4\frac{1}{2}$ " Axle Rod. |
| 10 — Screws and Nuts. |

PARTS REQUIRED

- | |
|-------------------------------------|
| 1 — Large Perforated Plate. |
| 2 — $5\frac{1}{2}$ " Angle Girders. |
| 2 — $4\frac{1}{2}$ " Axle Rods. |
| 4 — 1" Pulley Wheels. |
| 4 — Screws and Nuts. |

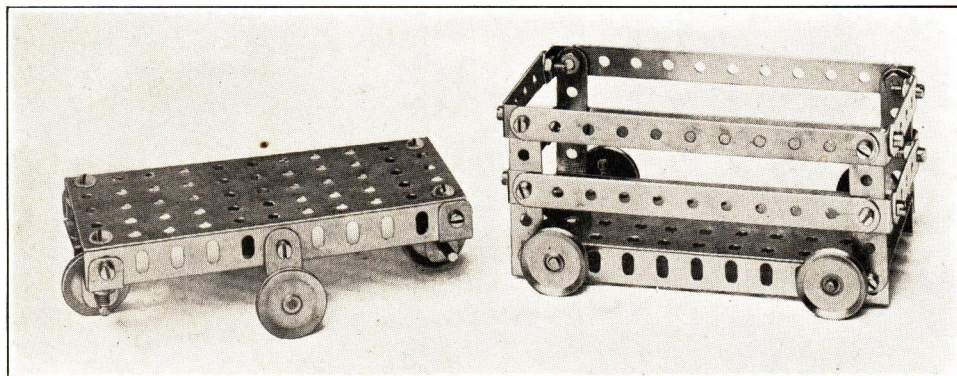
All of the above Models can be made with Modelit Outfit No. 1.

REVOLVING TRUCK

Model No. 4

BOX TRUCK

Model No. 5

**PARTS REQUIRED**

- 1 — Large Perforated Plate
- 2 — $5\frac{1}{2}$ " Angle Girders.
- 1 — $4\frac{1}{2}$ " Axle Rod.
- 2 — 2" Axle Rods.
- 12 — Angle Brackets.
- 4 — 1" Pulley Wheels.
- 16 — Screws and Nuts.

PARTS REQUIRED

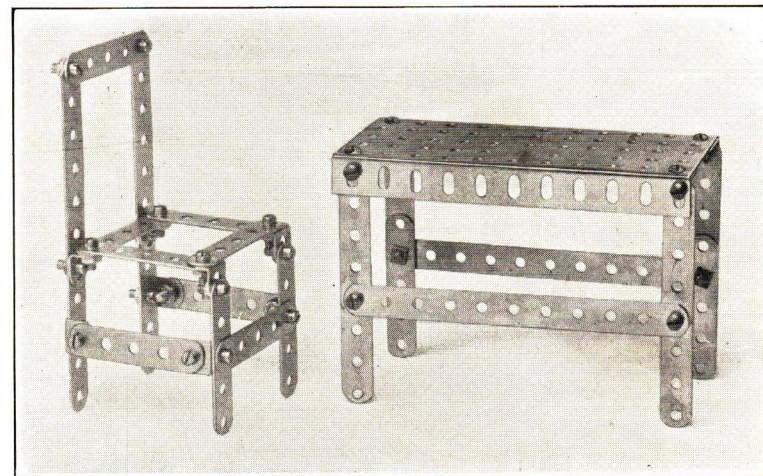
- 1 — Large Perforated Plate.
- 2 — $5\frac{1}{2}$ " Angle Girders.
- 4 — 1" Pulley Wheels.
- 8 — $2\frac{1}{2}$ " Perforated Strips.
- 4 — $5\frac{1}{2}$ " Perforated Strips.
- 2 — $4\frac{1}{2}$ " Axle Rods.
- 8 — Angle Brackets.
- 24 — Screws and Nuts.

CHAIR

Model No. 6

TABLE

Model No. 7

**PARTS REQUIRED**

- 2 — $5\frac{1}{2}$ " Perforated Strips.
- 10 — $2\frac{1}{2}$ " Perforated Strips.
- 8 — Angle Brackets.
- 18 — Screws and Nuts.

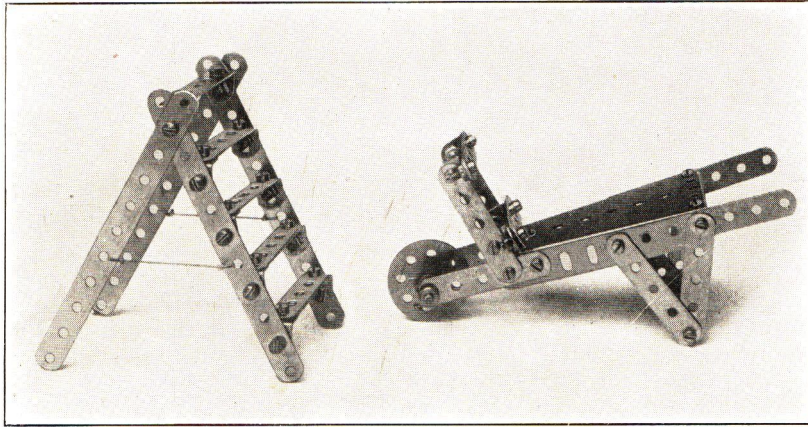
PARTS REQUIRED

- 1 — Large Perforated Plate.
- 2 — $5\frac{1}{2}$ " Angle Girders.
- 2 — $5\frac{1}{2}$ " Perforated Strips.
- 8 — $2\frac{1}{2}$ " Perforated Strips.
- 12 — Screws and Nuts.

All of the above Models can be made with Modelit Outfit No. 1.

STEP LADDER

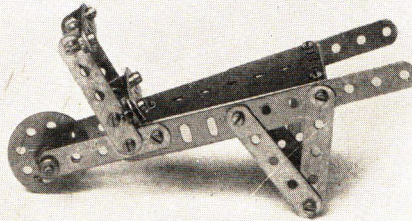
Model No. 8

**PARTS REQUIRED**

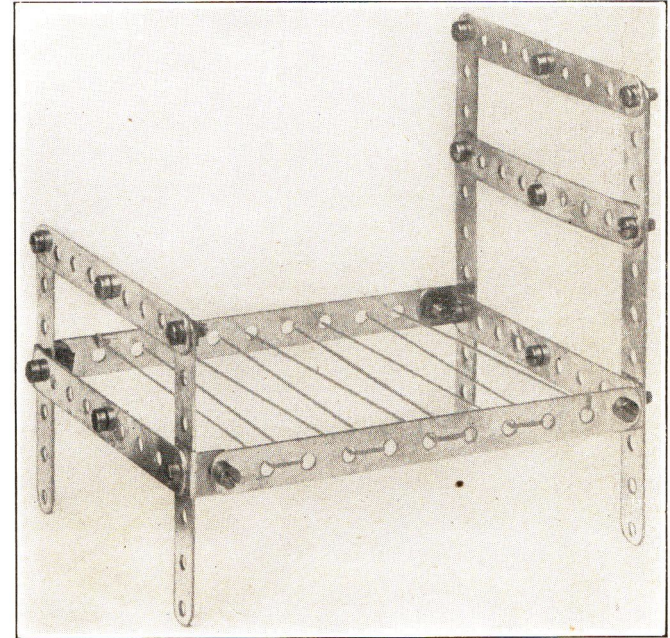
- 4 — $5\frac{1}{2}$ " Perforated Strips.
- 5 — $2\frac{1}{2}$ " Perforated Strips.
- 10 — Angle Brackets.
- 20 — Screws and Nuts.

WHEELBARROW

Model No. 9

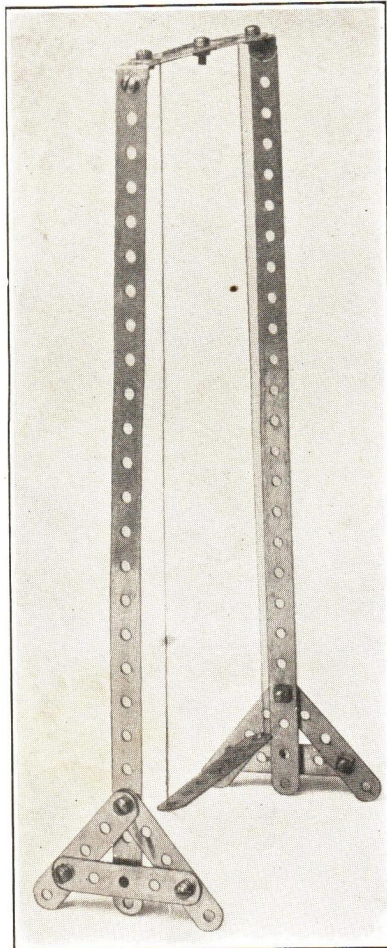
**PARTS REQUIRED**

- 1 — Sector Plate.
- 2 — 4" Angle Girders.
- 2 — $3\frac{1}{2}$ " Perforated Strips.
- 10 — $2\frac{1}{2}$ " Perforated Strips.
- 4 — Angle Brackets.
- 22 — Screws and Nuts.
- 1 — Bush Wheel.
- 1 — 2" Axle Rod.
- 2 — Collars.

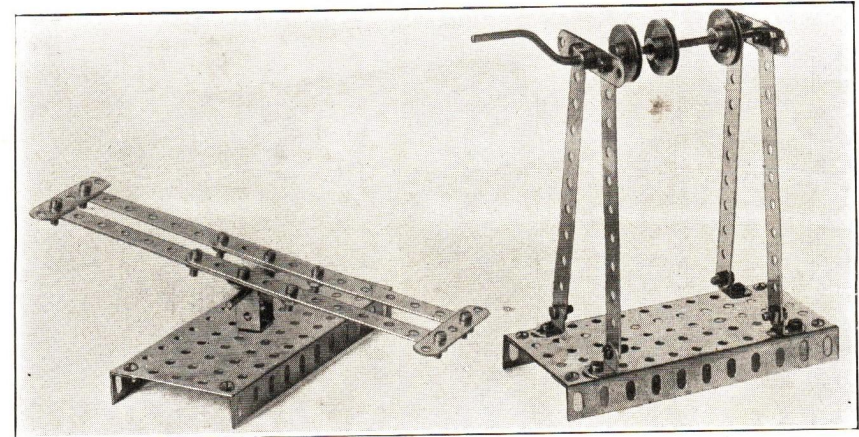
BED
Model No. 10**PARTS REQUIRED**

- 4 — $5\frac{1}{2}$ " Perforated Strips.
- 2 — $3\frac{1}{2}$ " Perforated Strips.
- 10 — $2\frac{1}{2}$ " Perforated Strips.
- 4 — Angle Brackets.
- 19 — Screws and Nuts.

All of the above Models can be made with Modelit Outfit No. 1.

**SWING****Model No. 11****PARTS REQUIRED**

- 2 — $12\frac{1}{2}$ " Perforated Strips.
- 1 — $3\frac{1}{2}$ " Perforated Strip.
- 8 — $2\frac{1}{2}$ " Perforated Strips.
- 11 — Screws and Nuts.

SEE SAW**Model No. 12****COUNTERSHAFT****Model No. 13****PARTS REQUIRED**

- 1 — Large Perforated Plate.
- 2 — $5\frac{1}{2}$ " Angle Girders.
- 1 — Single Bent Strip.
- 4 — $5\frac{1}{2}$ " Perforated Strips.
- 2 — $2\frac{1}{2}$ " Perforated Strips.
- 2 — Angle Brackets.
- 1 — 2" Axle Rod.
- 2 — Collars.
- 15 — Screws and Nuts.

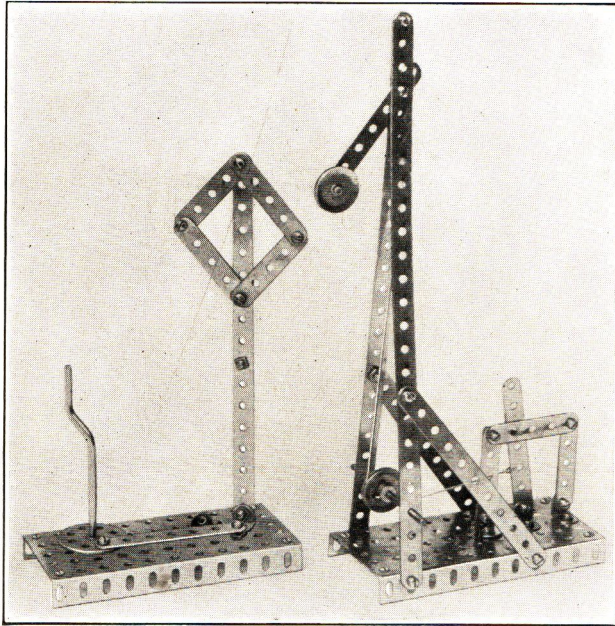
PARTS REQUIRED

- 1 — Large Perforated Plate.
- 2 — $5\frac{1}{2}$ " Angle Girders.
- 4 — $5\frac{1}{2}$ " Perforated Strips.
- 2 — $2\frac{1}{2}$ " Perforated Strips.
- 4 — Angle Brackets.
- 3 — 1" Pulley Wheels.
- 2 — Collars.
- 1 — Crank.
- 16 — Screws and Nuts.

All of the above Models can be made with Modelit Outfit No. 1.

RAILWAY SIGNALS

Models Nos. 14 and 15

**PARTS REQUIRED**

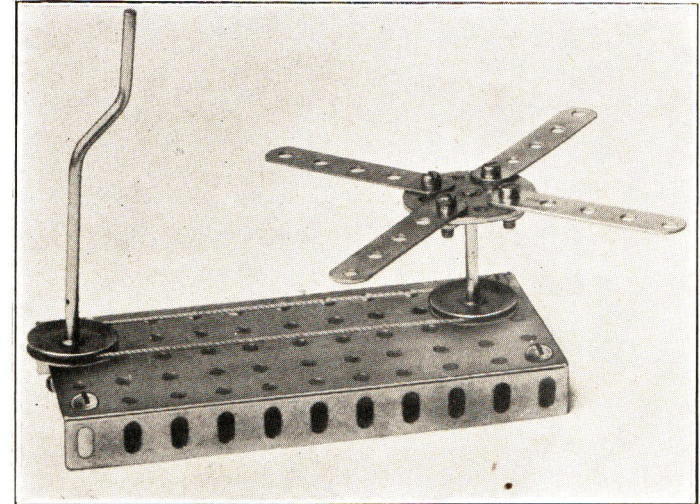
- 1 — Large Perforated Plate.
- 2 — $5\frac{1}{2}$ " Angle Girders.
- 2 — $5\frac{1}{2}$ " Perforated Strips.
- 1 — $3\frac{1}{2}$ " Perforated Strip.
- 4 — $2\frac{1}{2}$ " Perforated Strips.
- 4 — Angle Brackets.
- 1 — $4\frac{1}{2}$ " Axle Rod.
- 1 — Crank.
- 1 — Bush Wheel.
- 3 — Collars.
- 13 — Screws and Nuts.

PARTS REQUIRED

- 1 — Large Perforated Plate.
- 2 — $5\frac{1}{2}$ " Angle Girders.
- 2 — $12\frac{1}{2}$ " Perforated Strips.
- 2 — $5\frac{1}{2}$ " Perforated Strips.
- 2 — $3\frac{1}{2}$ " Perforated Strips.
- 3 — $2\frac{1}{2}$ " Perforated Strips.
- 2 — 1" Pulley Wheels.
- 3 — Angle Brackets.
- 1 — $4\frac{1}{2}$ " Axle Rod.
- 2 — Collars.
- 20 — Screws and Nuts.

REVOLVING SWING

Model No. 16

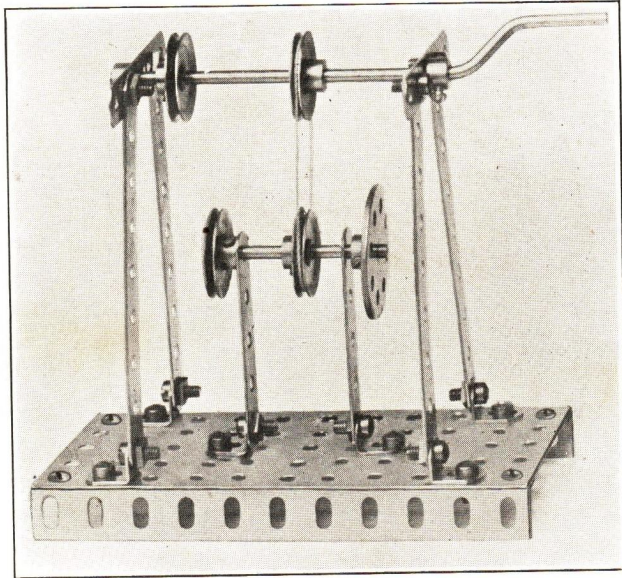
**PARTS REQUIRED**

- 1 — Large Perforated Plate.
- 2 — $5\frac{1}{2}$ " Angle Girders.
- 4 — $2\frac{1}{2}$ " Perforated Strips.
- 2 — 1" Pulley Wheels.
- 1 — Bush Wheel.
- 2 — Collars.
- 1 — Crank.
- 1 — $4\frac{1}{2}$ " Axle Rod.
- 8 — Screws and Nuts.

All of the above Models can be made with Modelit Outfit No. 1.

POLISHING WHEEL

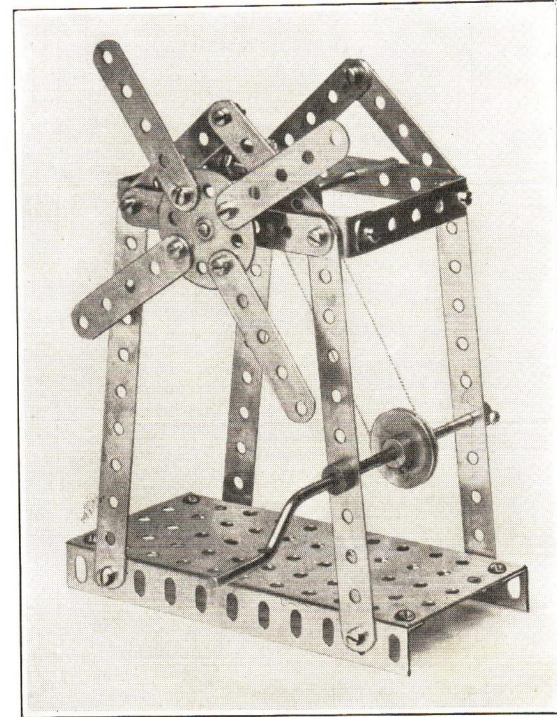
Model No. 17

**PARTS REQUIRED**

- 1 — Large Perforated Plate.
- 2 — $5\frac{1}{2}$ " Angle Girders.
- 4 — $5\frac{1}{2}$ " Perforated Strips.
- 4 — $2\frac{1}{2}$ " Perforated Strips.
- 4 — 1" Pulley Wheels.
- 1 — Bush Wheel.
- 6 — Angle Brackets.
- 1 — 2" Axle Rod.
- 1 — Crank.
- 2 — Collars.
- 20 — Screws and Nuts.

SMALL WINDMILL

Model No. 18

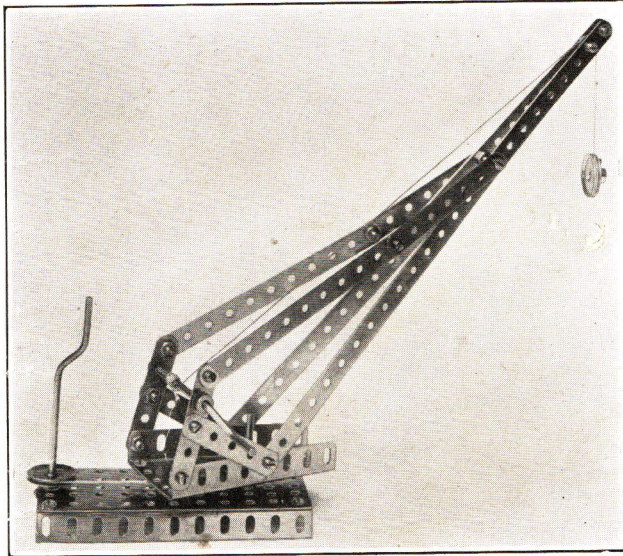
**PARTS REQUIRED**

- | | |
|--|--------------------------------|
| 1 — Large Perforated Plate. | 1 — $4\frac{1}{2}$ " Axle Rod. |
| 2 — $5\frac{1}{2}$ " Angle Girders. | 1 — Crank. |
| 4 — $5\frac{1}{2}$ " Perforated Strips. | 1 — Bush Wheel. |
| 2 — $3\frac{1}{2}$ " Perforated Strips. | 2 — 1" Pulley Wheels. |
| 10 — $2\frac{1}{2}$ " Perforated Strips. | 3 — Collars. |
| 4 — Angle Brackets | 22 — Screws and Nuts. |

All of the above Models can be made with Modelit Outfit No. 1.

REVOLVING CRANE

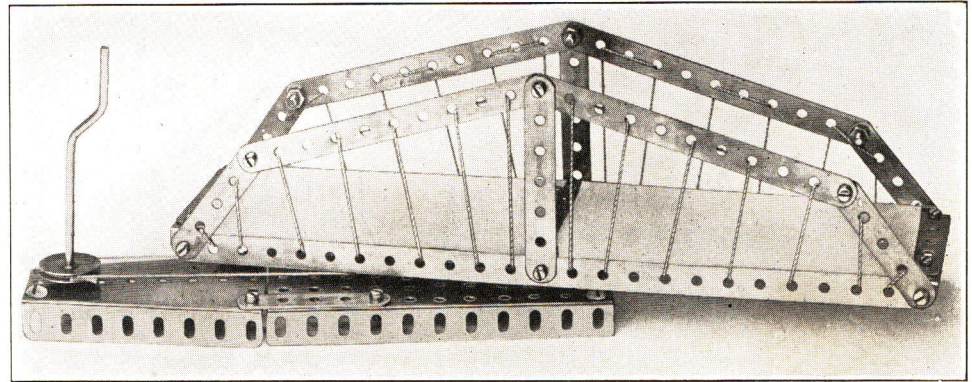
Model No. 19

**PARTS REQUIRED**

- | | |
|-----------------------------|-----------------------|
| 1 — Large Perforated Plate. | 1 — 2" Axle Rod. |
| 2 — 5½" Angle Girders. | 1 — 5½" Crank. |
| 1 — Sector Plate. | 1 — 4½" Crank. |
| 2 — 4" Angle Girders. | 3 — 1" Pulley Wheels. |
| 2 — 12½" Perforated Strips. | 4 — Collars. |
| 2 — 5½" Perforated Strips. | 1 — ½" Pulley Wheel. |
| 2 — 3½" Perforated Strips. | 18 — Screws and Nuts. |
| 4 — 2½" Perforated Strips. | |

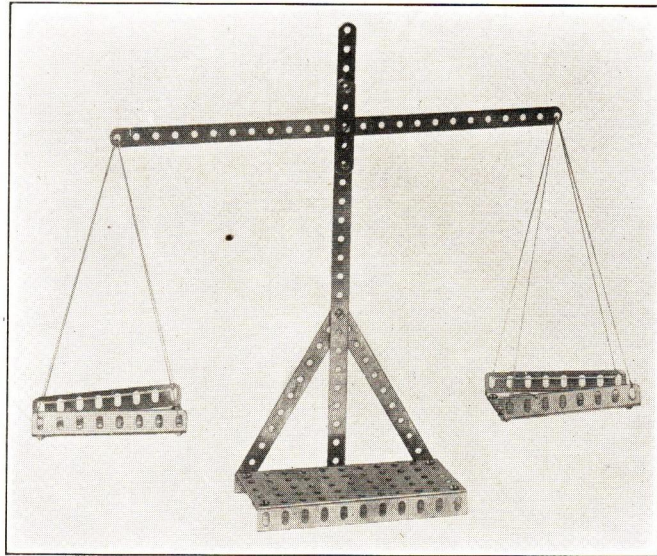
REVOLVING FOOT BRIDGE

Model No. 20

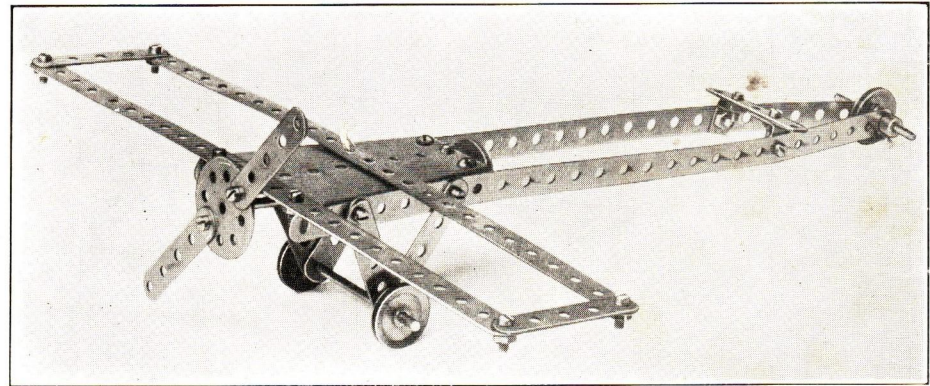
**PARTS REQUIRED**

- | | |
|-----------------------------|-----------------------|
| 1 — Large Perforated Plate. | 1 — Bush Wheel. |
| 2 — 5½" Angle Girders. | 2 — 1" Pulley Wheels. |
| 1 — Sector Plate. | 2 — Collars. |
| 2 — 4" Angle Girders. | 1 — 2" Axle Rod. |
| 2 — 12½" Perforated Strips. | 1 — Crank. |
| 4 — 5½" Perforated Strips. | 6 — Angle Brackets. |
| 2 — 3½" Perforated Strips. | 26 — Screws and Nuts. |
| 9 — 2½" Perforated Strips. | |

All of the above Models can be made with Modelit Outfit No. 1.

SCALES**Model No. 21****PARTS REQUIRED**

- 2 — $5\frac{1}{2}$ " Angle Girders.
- 2 — 4" Angle Girders.
- 1 — Large Perforated Plate.
- 2 — Sector Plates.
- 2 — $12\frac{1}{2}$ " Perforated Strips.
- 2 — $5\frac{1}{2}$ " Perforated Strips.
- 1 — $2\frac{1}{2}$ " Perforated Strip.
- 19 — Screws and Nuts.

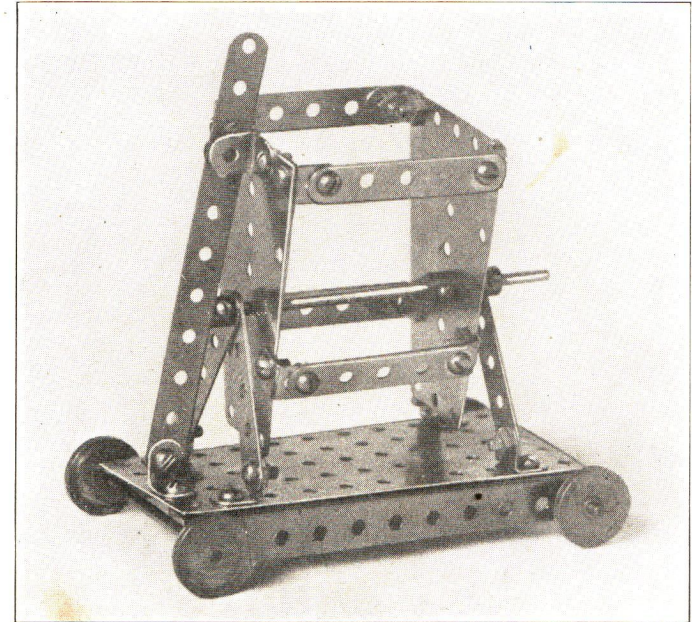
MONOPLANE**Model No. 22****PARTS REQUIRED**

- 2 — 4" Angle Girders.
- 4 — $12\frac{1}{2}$ " Perforated Strips.
- 9 — $2\frac{1}{2}$ " Perforated Strips.
- 4 — Angle Brackets.
- 4 — 1" Pulley Wheels.
- 1 — Bush Wheel.
- 2 — Collars.
- 1 — $4\frac{1}{2}$ " Axle Rod.
- 1 — 2" Axle Rod.
- 20 — Screws and Nuts.

The above Models can be made with Modelit Outfit No. 2.

RAILROAD DUMP CAR

Model No. 24



PARTS REQUIRED

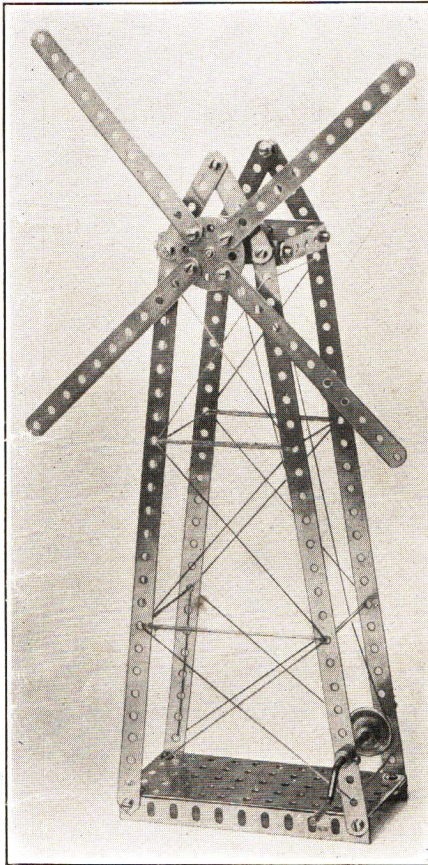
- | | |
|-----------------------------|-----------------------|
| 2 — 5½" Angle Girders. | 15 — Angle Brackets. |
| 1 — Large Perforated Plate. | 2 — 4½" Axle Rods. |
| 2 — Sector Plates. | 4 — 1" Pulley Wheels. |
| 1 — 5½" Perforated Strip. | 4 — Collars. |
| 8 — 2½" Perforated Strips. | 28 — Screws and Nuts. |

WINDMILL

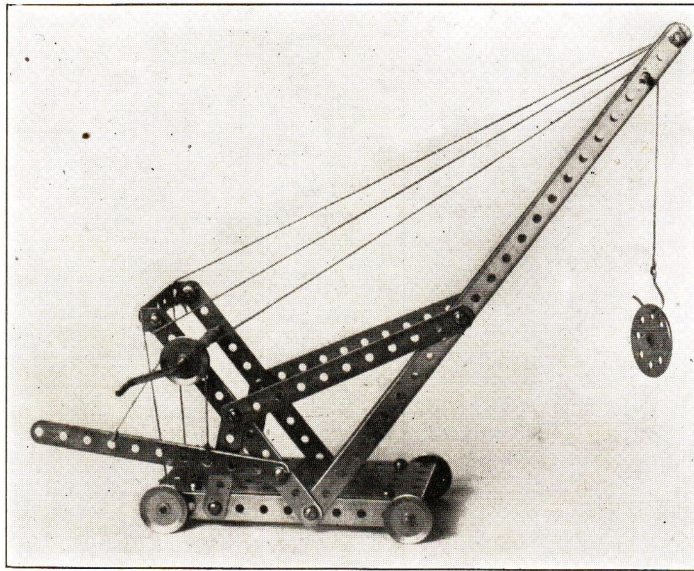
Model No. 23

PARTS REQUIRED

- 2 — 5½" Angle Girders.
- 1 — Large Perforated Plate.
- 4 — 12½" Perforated Strips.
- 4 — 5½" Perforated Strips.
- 8 — 2½" Perforated Strips.
- 4 — Angle Brackets.
- 1 — Bush Wheel.
- 2 — 1" Pulley Wheels.
- 1 — 4½" Axle Rod.
- 1 — 4½" Crank.
- 3 — Collars.
- 22 — Screws and Nuts.



The above Models can be made with Modelit Outfit No. 2.



TRAVELING JIB CRANE

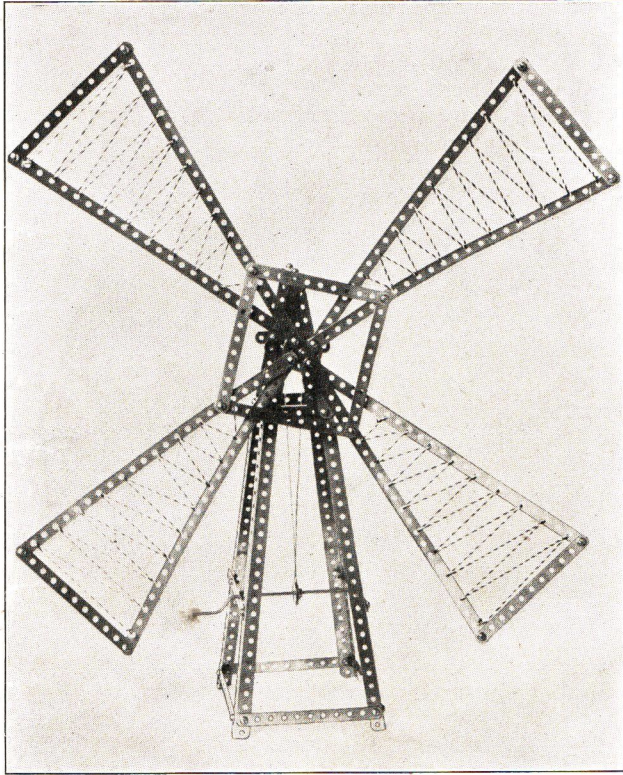
Model No. 25

PARTS REQUIRED

- 2 — $5\frac{1}{2}$ " Angle Girders.
- 1 — Large Perforated Plate.
- 2 — $12\frac{1}{2}$ " Perforated Strips.
- 5 — $5\frac{1}{2}$ " Perforated Strips.
- 3 — $2\frac{1}{2}$ " Perforated Strips.
- 2 — $4\frac{1}{2}$ " Axle Rods.
- 2 — Angle Brackets.
- 1 — Hook.
- 1 — $4\frac{1}{2}$ " Crank.
- 1 — Collar.
- 5 — 1" Pulley Wheels.
- 1 — $\frac{1}{2}$ " Pulley Wheel.
- 1 — 2" Axle Rod.
- 17 — Screws and Nuts.

The above Model can be built with Modelit Outfit No. 2.

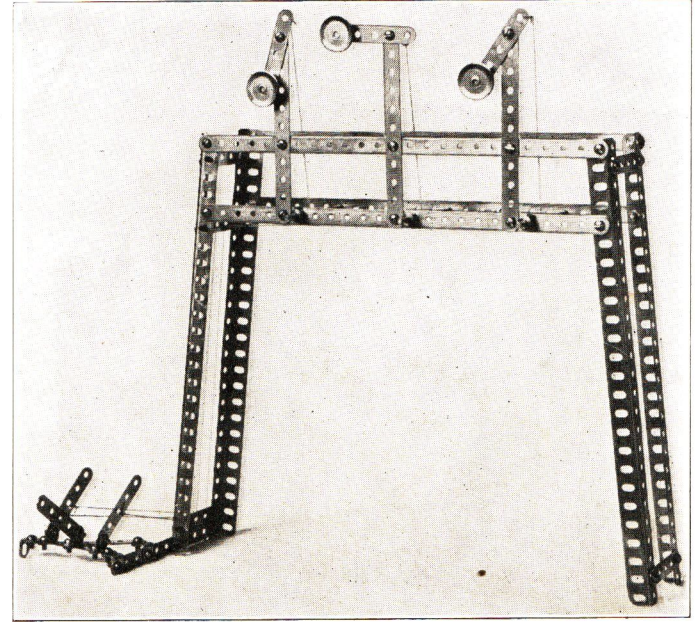
WINDMILL—Model No. 26



PARTS REQUIRED

- | | |
|-----------------------------|-----------------------|
| 4 — 12½" Angle Girders. | 1 — 6½" Crank. |
| 8 — 12½" Perforated Strips. | 4 — Collars. |
| 18 — 5½" Perforated Strips. | 2 — 1" Pulley Wheels. |
| 7 — 2½" Perforated Strips. | 1 — Bush Wheel. |
| 2 — Angle Brackets. | 44 — Screws and Nuts. |
| 1 — 4½" Axle Rod. | |

RAILROAD SIGNAL—Model No. 27



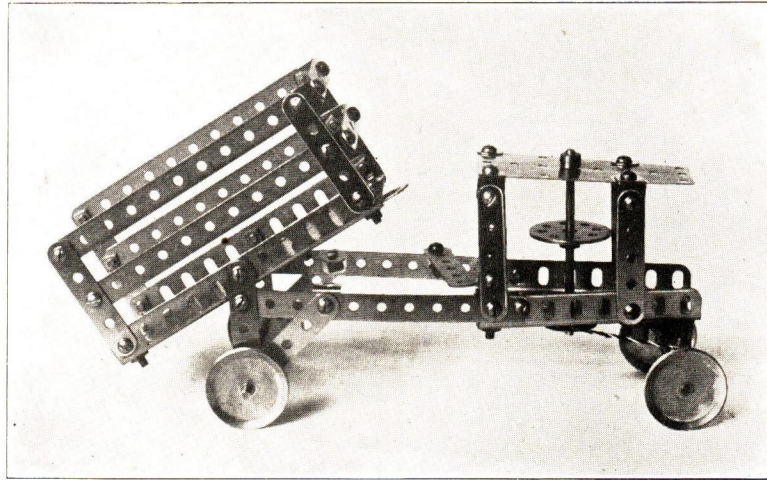
PARTS REQUIRED

- | |
|-----------------------------|
| 4 — 12½" Angle Girders. |
| 4 — 12½" Perforated Strips. |
| 3 — 5½" Perforated Strips. |
| 2 — 3½" Perforated Strips. |
| 11 — 2½" Perforated Strips. |
| 6 — Angle Brackets. |
| 3 — 3½" Axle Rods. |
| 6 — Collars. |
| 3 — 1" Pulley Wheels. |
| 40 — Screws. |
| 37 — Nuts. |

The above Models can be made with Modelit Outfit No. 3.

MOTOR DUMP TRUCK

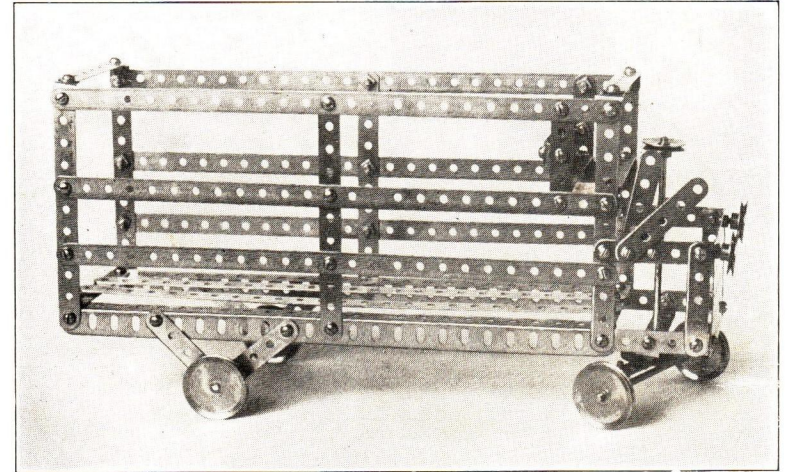
Model No. 28

**PARTS REQUIRED**

- 2 — $5\frac{1}{2}$ " Angle Girders.
- 2 — 4" Angle Girders.
- 6 — $5\frac{1}{2}$ " Perforated Strips.
- 1 — $3\frac{1}{2}$ " Perforated Strip.
- 15 — $2\frac{1}{2}$ " Perforated Strips.
- 15 — Angle Brackets.
- 1 — Large Perforated Plate.
- 2 — Sector Plates.
- 1 — Double Bent Strip.
- 1 — $3\frac{1}{2}$ " Axle Rod.
- 2 — $4\frac{1}{2}$ " Axle Rods.
- 4 — $1\frac{1}{2}$ " Pulley Wheels.
- 1 — 1" Pulley Wheel.
- 1 — Bush Wheel.
- 1 — Collar.
- 54 — Screws and Nuts.

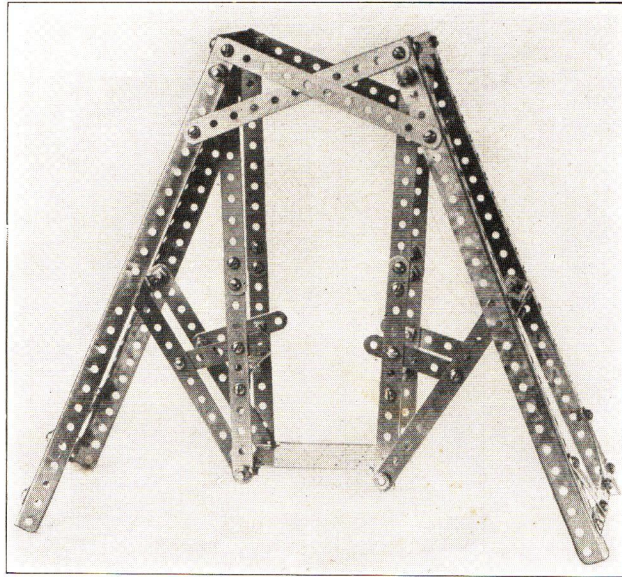
MOTOR VAN

Model No. 29

**PARTS REQUIRED**

- 2 — $12\frac{1}{2}$ " Angle Girders.
- 8 — $12\frac{1}{2}$ " Perforated Strips.
- 9 — $3\frac{1}{2}$ " Perforated Strips.
- 14 — $2\frac{1}{2}$ " Perforated Strips.
- 1 — Medium Perforated Plate.
- 20 — Angle Brackets.
- 1 — Collar.
- 4 — $1\frac{1}{2}$ " Pulley Wheels.
- 3 — 1" Pulley Wheels.
- 1 — Bush Wheel.
- 2 — $4\frac{1}{2}$ " Axle Rods.
- 1 — $5\frac{1}{2}$ " Axle Rod.
- 64 — Screws and Nuts.

The above Models can be made with Modelit Outfit No. 3.



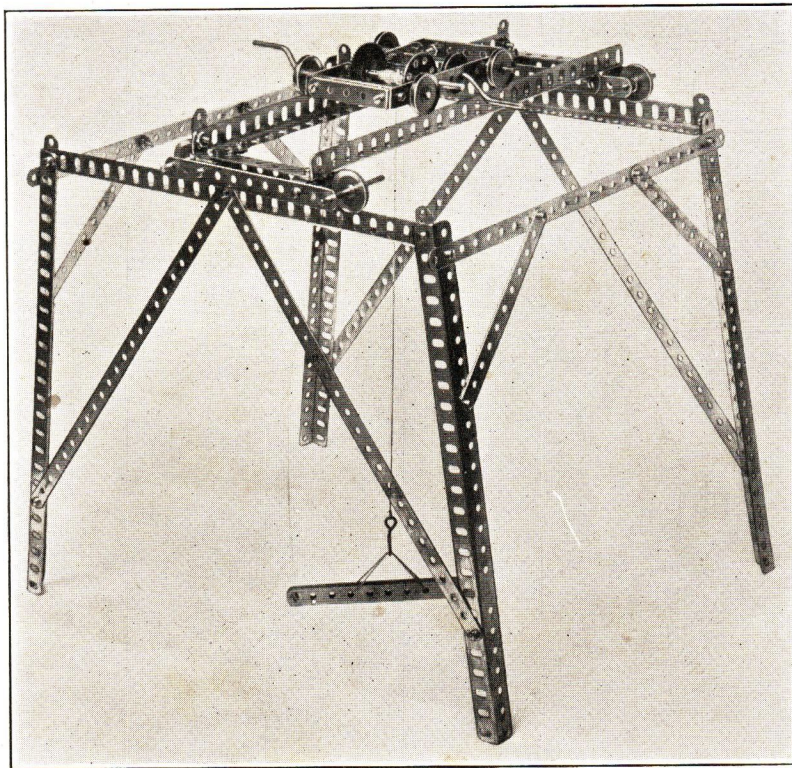
LAWN SWING

Model No. 30

PARTS REQUIRED

- 4 — $12\frac{1}{2}$ " Angle Girders.
- 18 — $5\frac{1}{2}$ " Perforated Strips.
- 2 — $3\frac{1}{2}$ " Perforated Strips.
- 10 — $2\frac{1}{2}$ " Perforated Strips.
- 1 — Medium Perforated Plate.
- 12 — Angle Brackets.
- 8 — Collars.
- 2 — 5" Axle Rods.
- 2 — $3\frac{1}{2}$ " Axle Rods.
- 64 — Screws and Nuts.

The above Model can be made with Modelit Outfit No. 3.



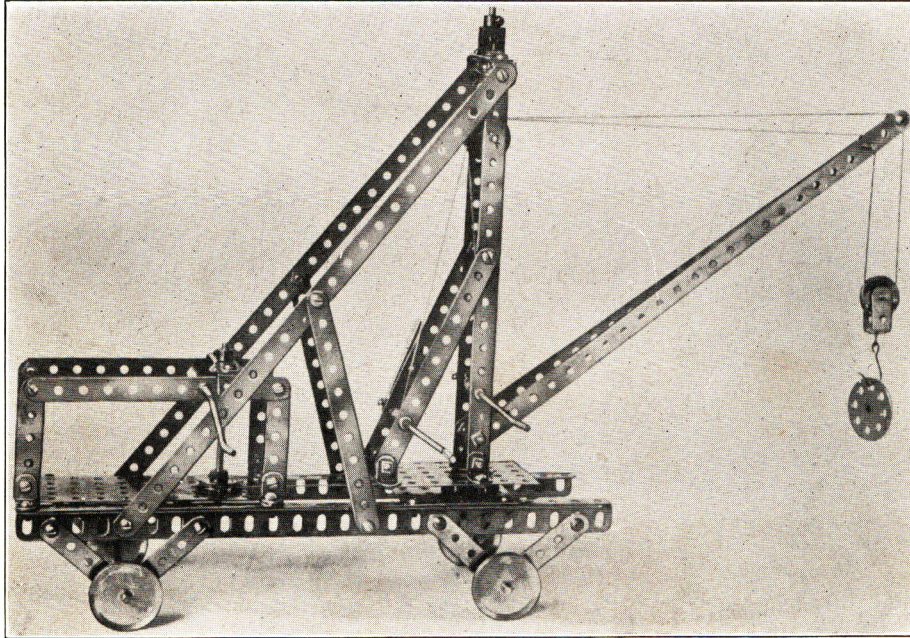
TRAVELING OVER- HEAD CRANE

Model No. 31

PARTS REQUIRED

- 8— $12\frac{1}{2}$ " Angle Girders.
- 8— $12\frac{1}{2}$ " Perforated Strips.
- 10— $5\frac{1}{2}$ " Perforated Strips.
- 2— $3\frac{1}{2}$ " Perforated Strips.
- 2— $2\frac{1}{2}$ " Perforated Strips.
- 6— 1" Perforated Strips.
- 4— Flange Wheels.
- 4— 1" Pulley Wheels.
- 1— $1\frac{1}{2}$ " Gear Wheel.
- 1— $\frac{3}{4}$ " Pinion.
- 4— 2" Axle Rods.
- 2— $3\frac{1}{2}$ " Axle Rods.
- 2— $4\frac{1}{2}$ " Cranks.
- 10— Collars.
- 16— Angle Brackets.
- 1— Hook.
- 56— Screws and Nuts.

The above Model can be made with Modelit Outfit No. 4.



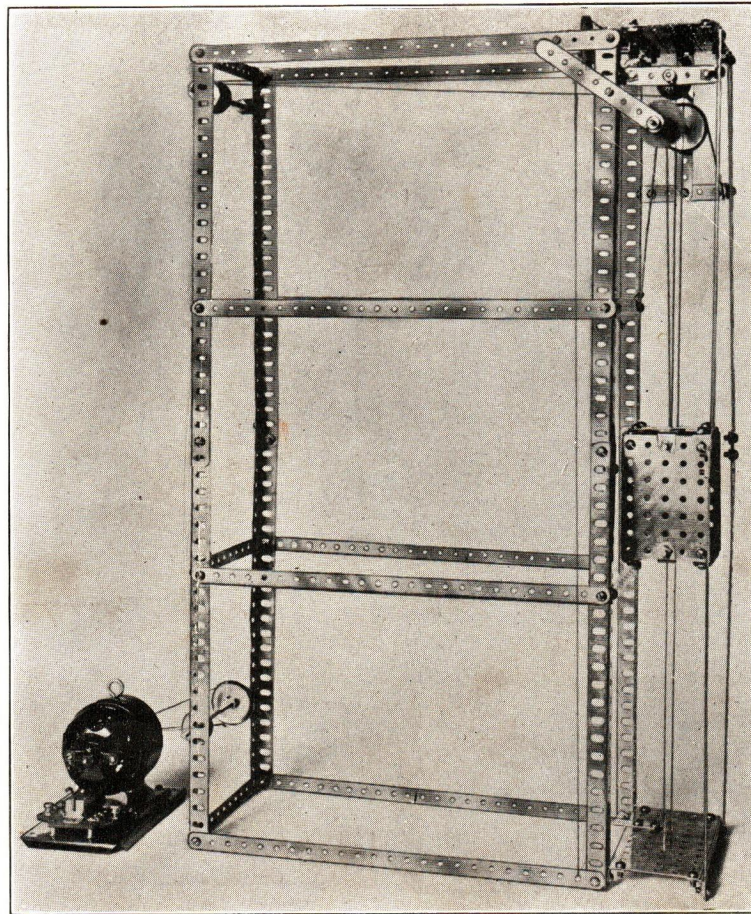
ROTARY TRAVELING CRANE

Model No. 32

PARTS REQUIRED

- 2 — $12\frac{1}{2}$ " Angle Girders.
- 4 — $12\frac{1}{2}$ " Perforated Strips.
- 2 — $8\frac{1}{2}$ " Perforated Strips.
- 6 — $5\frac{1}{2}$ " Perforated Strips.
- 3 — $3\frac{1}{2}$ " Perforated Strips.
- 13 — $2\frac{1}{2}$ " Perforated Strips.
- 2 — Double Bent Strips.
- 10 — Angle Brackets.
- 1 — Single Bent Strip.
- 4 — 1" Pulley Wheels.
- 4 — $1\frac{1}{2}$ " Pulley Wheels.
- 2 — $\frac{1}{2}$ " Pulley Wheels.
- 1 — Pawl.
- 3 — $4\frac{1}{2}$ " Axle Rods.
- 5 — 2" Axle Rods.
- 2 — $\frac{1}{2}$ " Pinions.
- 1 — Worm Wheel.
- 3 — $4\frac{1}{2}$ " Cranks.
- 2 — Medium Perforated Plates.
- 1 — Large Perforated Plate.
- 10 — Collars.
- 1 — Hook.
- 53 — Screws and Nuts.

The above Model can be made with Modelit Outfit No. 4.



WAREHOUSE AND ELEVATOR

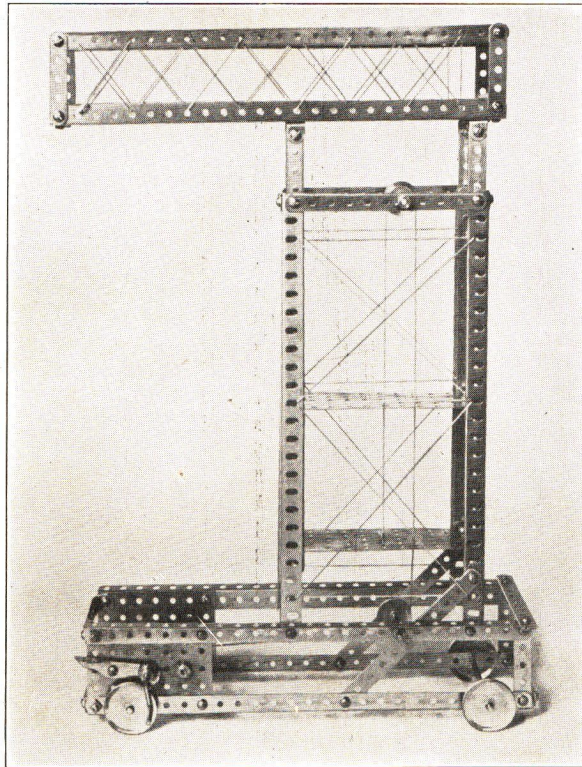
Model No. 33

PARTS REQUIRED

- 8 — $12\frac{1}{2}$ " Angle Girders.
- 12 — $12\frac{1}{2}$ " Perforated Strips.
- 10 — $5\frac{1}{2}$ " Perforated Strips.
- 2 — $5\frac{1}{2}$ " Angle Girders.
- 9 — $2\frac{1}{2}$ " Perforated Strips.
- 4 — $1\frac{1}{2}$ " Pulley Wheels.
- 4 — 1" Pulley Wheels.
- 1 — $1\frac{1}{2}$ " Gear Wheel.
- 1 — $\frac{3}{4}$ " Pinion.
- 28 — Angle Brackets.
- 2 — Large Perforated Plates.
- 2 — Medium Perforated Plates.
- 2 — $4\frac{1}{2}$ " Axle Rods.
- 2 — 6" Axle Rods.
- 10 — Collars.
- 90 — Screws and Nuts.

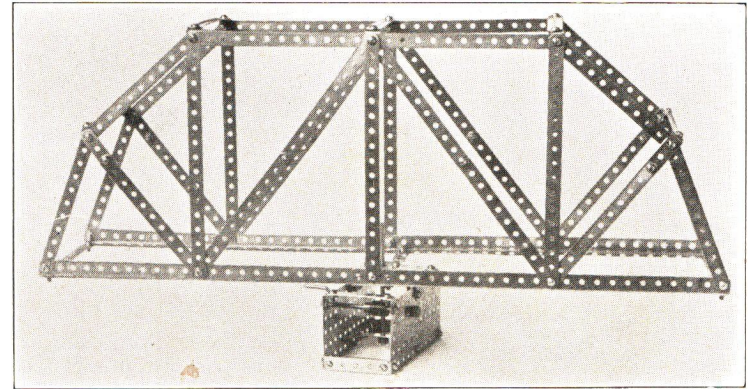
The above Model can be made with Modelit Outfit No. 4.

TOWER TRUCK—Model No. 34



PARTS REQUIRED

- | | |
|-------------------------------|-----------------------|
| 8 — 12½" Angle Girders. | 2 — 1" Pulley Wheels. |
| 8 — 12½" Perforated Strips. | 5 — 4½" Axle Rods. |
| 5 — 5½" Perforated Strips. | 1 — 5½" Crank. |
| 5 — 3½" Perforated Strips. | 1 — ½" Pinion. |
| 8 — 2½" Perforated Strips. | 1 — ¾" Pinion. |
| 18 — Angle Brackets. | 1 — 1½" Gear Wheel. |
| 2 — Large Perforated Plates. | 1 — Pawl. |
| 2 — Medium Perforated Plates. | 7 — Collars. |
| 4 — 1½" Pulley Wheels. | 72 — Screws and Nuts. |



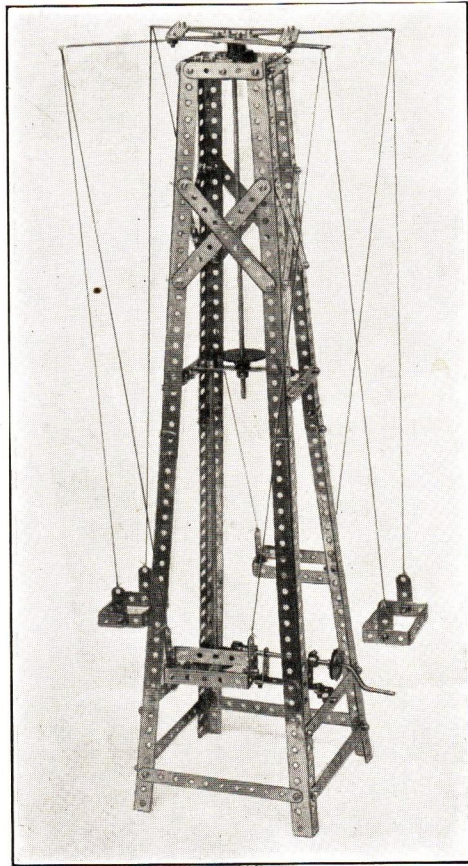
DRAW BRIDGE

Model No. 35

PARTS REQUIRED

- 4 — 12½" Angle Girders.
- 2 — 12½" Perforated Strips.
- 6 — 8½" Perforated Strips.
- 21 — 5½" Perforated Strips.
- 10 — 2½" Perforated Strips.
- 22 — Angle Brackets.
- 2 — Large Perforated Plates.
- 1 — ½" Pinion.
- 1 — Worm Wheel.
- 1 — Bush Wheel.
- 1 — 3½" Axle Rod.
- 1 — 4½" Crank.
- 4 — Collars.
- 70 — Screws and Nuts.

The above Models can be made with Modelit Outfit No. 4.



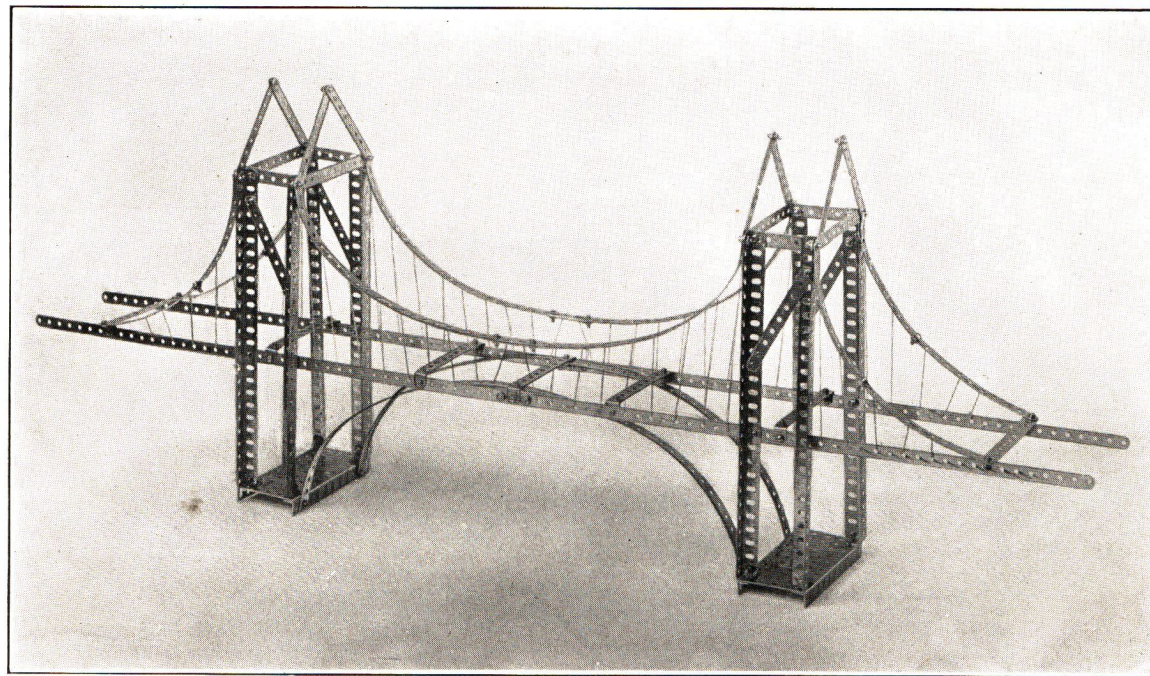
AERIAL SWING

Model No. 36

PARTS REQUIRED

- 8— $12\frac{1}{2}$ " Angle Girders.
- 2— $12\frac{1}{2}$ " Perforated Strips.
- 11— $5\frac{1}{2}$ " Perforated Strips.
- 8— $4\frac{1}{2}$ " Perforated Strips.
- 3— $3\frac{1}{2}$ " Perforated Strips.
- 5— $2\frac{1}{2}$ " Perforated Strips.
- 8— $1\frac{1}{2}$ " Perforated Strips.
- 8— Large Bent Strips.
- 2— Single Bent Strips.
- 6— Angle Brackets.
- 1— Bush Wheel.
- 1— $1\frac{1}{2}$ " Gear Wheel.
- 1— $\frac{3}{4}$ " Pinion.
- 1— $\frac{1}{2}$ " Pinion.
- 1— $1\frac{1}{2}$ " Crown Gear.
- 1— 1" Pulley Wheel.
- 6— Collars.
- 2— $11\frac{1}{2}$ " Axle Rods.
- 1— $5\frac{1}{2}$ " Crank.
- 78— Screws and Nuts.

The above Model can be made with Modelit Outfit No. 5.



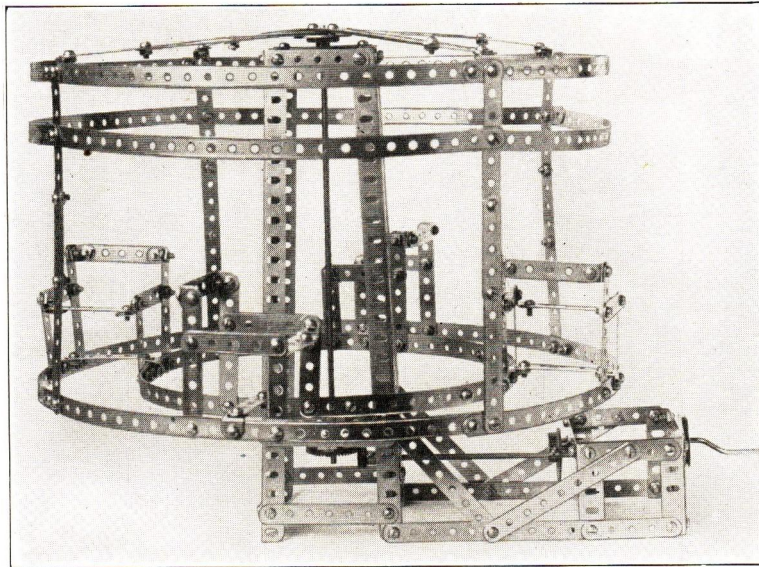
SUSPENSION BRIDGE

Model No. 37

PARTS REQUIRED

- 8 — $12\frac{1}{2}$ " Angle Girders.
- 4 — $5\frac{1}{2}$ " Angle Girders.
- 16 — $12\frac{1}{2}$ " Perforated Strips.
- 24 — $5\frac{1}{2}$ " Perforated Strips.
- 4 — $2\frac{1}{2}$ " Perforated Strips.
- 22 — Angle Brackets.
- 2 — Large Perforated Plates.
- 86 — Screws and Nuts.

The above Model can be made with Modelit Outfit No. 5.



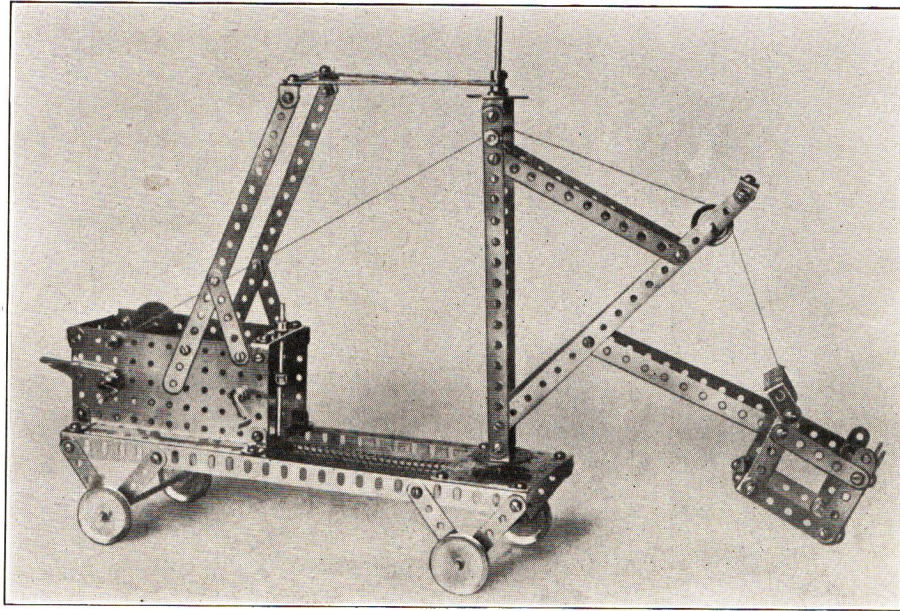
MERRY-GO-ROUND

Model No. 38

PARTS REQUIRED

- 4 — $12\frac{1}{2}$ " Angle Girders.
- 4 — $2\frac{1}{2}$ " Angle Girders.
- 16 — $12\frac{1}{2}$ " Perforated Strips.
- 14 — $5\frac{1}{2}$ " Perforated Strips.
- 12 — $3\frac{1}{2}$ " Perforated Strips.
- 30 — $2\frac{1}{2}$ " Perforated Strips.
- 28 — Angle Brackets.
- 1 — Bush Wheel.
- 1 — $1\frac{1}{2}$ " Crown Gear.
- 1 — $1\frac{1}{2}$ " Gear Wheel.
- 1 — $\frac{1}{2}$ " Pinion.
- 1 — $\frac{3}{4}$ " Pinion.
- 1 — $1\frac{1}{2}$ " Pulley Wheel.
- 1 — $11\frac{1}{2}$ " Axle Rod.
- 1 — 8" Axle Rod.
- 1 — $5\frac{1}{2}$ " Crank.
- 4 — Collars.
- 142 — Screws and Nuts

The above Model can be made with Modelit Outfit No. 5.



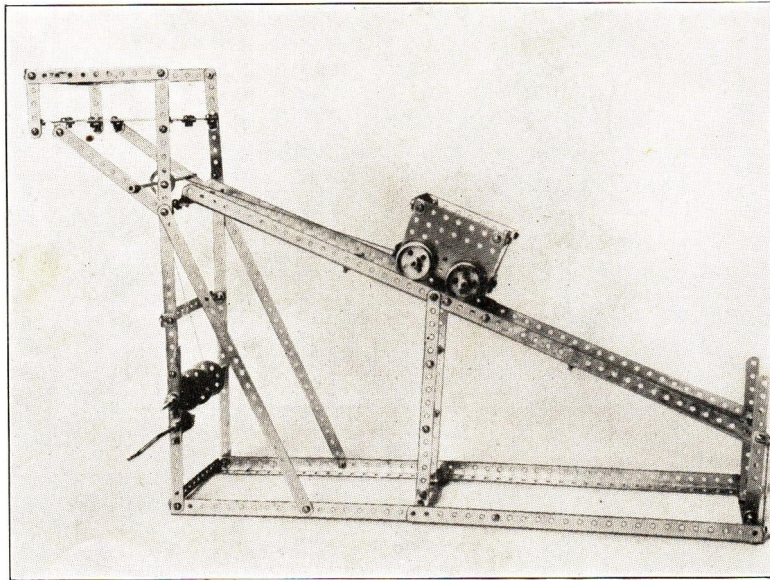
SAND SHOVEL

Model No. 39

PARTS REQUIRED

- 2 — $12\frac{1}{2}$ " Angle Girders.
- 6 — $8\frac{1}{2}$ " Perforated Strips.
- 6 — $5\frac{1}{2}$ " Perforated Strips.
- 2 — $3\frac{1}{2}$ " Perforated Strips.
- 23 — $2\frac{1}{2}$ " Perforated Strips.
- 24 — Angle Brackets.
- 1 — Double Bent Strip.
- 1 — Large Bent Strip.
- 2 — Bush Wheels.
- 1 — $1\frac{1}{2}$ " Gear Wheel.
- 2 — $\frac{1}{2}$ " Pinions.
- 1 — $\frac{3}{4}$ " Pinion.
- 1 — Worm Wheel.
- 1 — $1\frac{1}{2}$ " Sprocket.
- 1 — 1" Sprocket.
- 1 — Piece Chain.
- 3 — 2" Axle Rods.
- 2 — $4\frac{1}{2}$ " Axle Rods.
- 2 — $3\frac{1}{2}$ " Axle Rods.
- 2 — $4\frac{1}{2}$ " Cranks.
- 4 — $1\frac{1}{2}$ " Pulley Wheels.
- 1 — Pawl.
- 10 — Collars.
- 2 — Large Perforated Plates.
- 1 — Medium Perforated Plate.
- 1 — 1" Pulley Wheel.
- 86 — Screws and Nuts.

The above Model can be made with Modelit Outfit No. 5.



INCLINED DELIVERY CHUTE

Model No. 40

PARTS REQUIRED

- 8— $12\frac{1}{2}$ " Angle Girders.
- 4— $12\frac{1}{2}$ " Perforated Strips.
- 20— $5\frac{1}{2}$ " Perforated Strips.
- 5— $3\frac{1}{2}$ " Perforated Strips.
- 12— $2\frac{1}{2}$ " Perforated Strips.
- 2— Large Perforated Plates.
- 2— Medium Perforated Plates.
- 4— Flange Wheels.
- 1— 1" Pulley Wheel.
- 1— $1\frac{1}{2}$ " Gear Wheel.
- 1— $\frac{3}{4}$ " Pinion.
- 2— Bush Wheels.
- 18— Angle Brackets.
- 9— Collars.
- 1— Pawl.
- 2— $3\frac{1}{2}$ " Axle Rods.
- 2— 6" Axle Rods.
- 1— $4\frac{1}{2}$ " Crank.
- 1— $\frac{1}{2}$ " Pinion.
- 1— Double Bent Strip.
- 90— Screws and Nuts.

The above Model can be made with Modelit Outfit No. 5.

MODELIT

The Models we show in this book do not, by any means, complete the number that can be built with "MODELIT." It is only the beginning. Our experimental department is constantly bringing out new and instructive models that can be built with this ingenious building material.

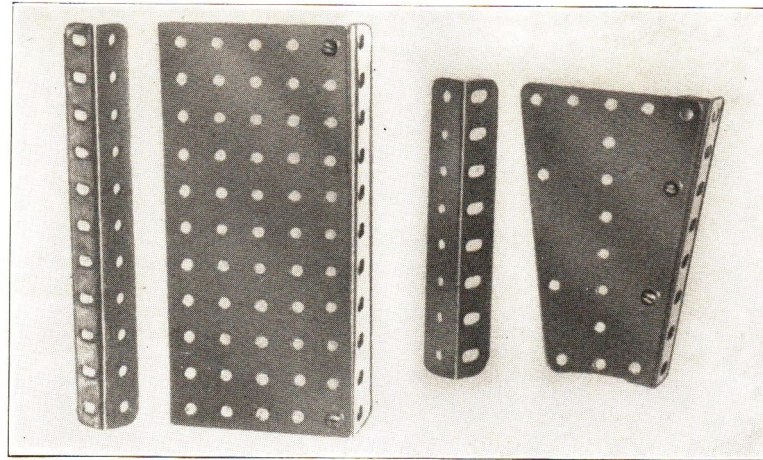
Do not fail to sign and mail the post card packed in each set so we can keep you posted on the new models and designs when published.

The number of models that can be built with this building material can not be stated. Any wide-awake boy will think of any number of things that can be made. There is no limit to its possibilities.

The illustrations in this book are all clear and distinct and we do not think it is necessary to explain how the different models are put together. It is better for the boy to study them out for himself than to have them explained.

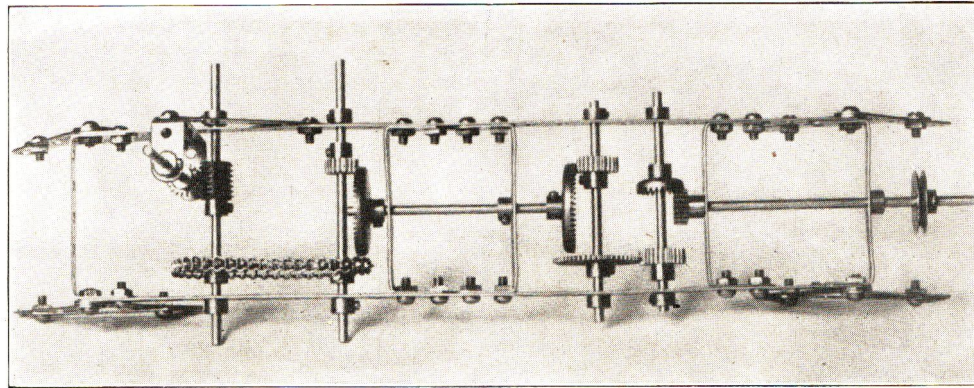
The parts that make up these building outfits are all standardized and made accurately. The holes are all the same distance

apart and will register with holes in other parts. All axles will fit any of the holes.



The above illustration shows the way an angle girder may be bolted to the rectangular or sector plate. In some models it may be

found more convenient to use the plates without the angle girders. Angle girders of different lengths can be used when desired.



Here we illustrate a model made up of the different gears that go with "MODELIT" outfits to show how they can be used in constructing models.

The crown gears are used when two shafts are wanted to run at right angles.

The $1\frac{1}{2}$ inch gear wheel and $\frac{3}{4}$ inch pinion can be used either to increase or decrease the

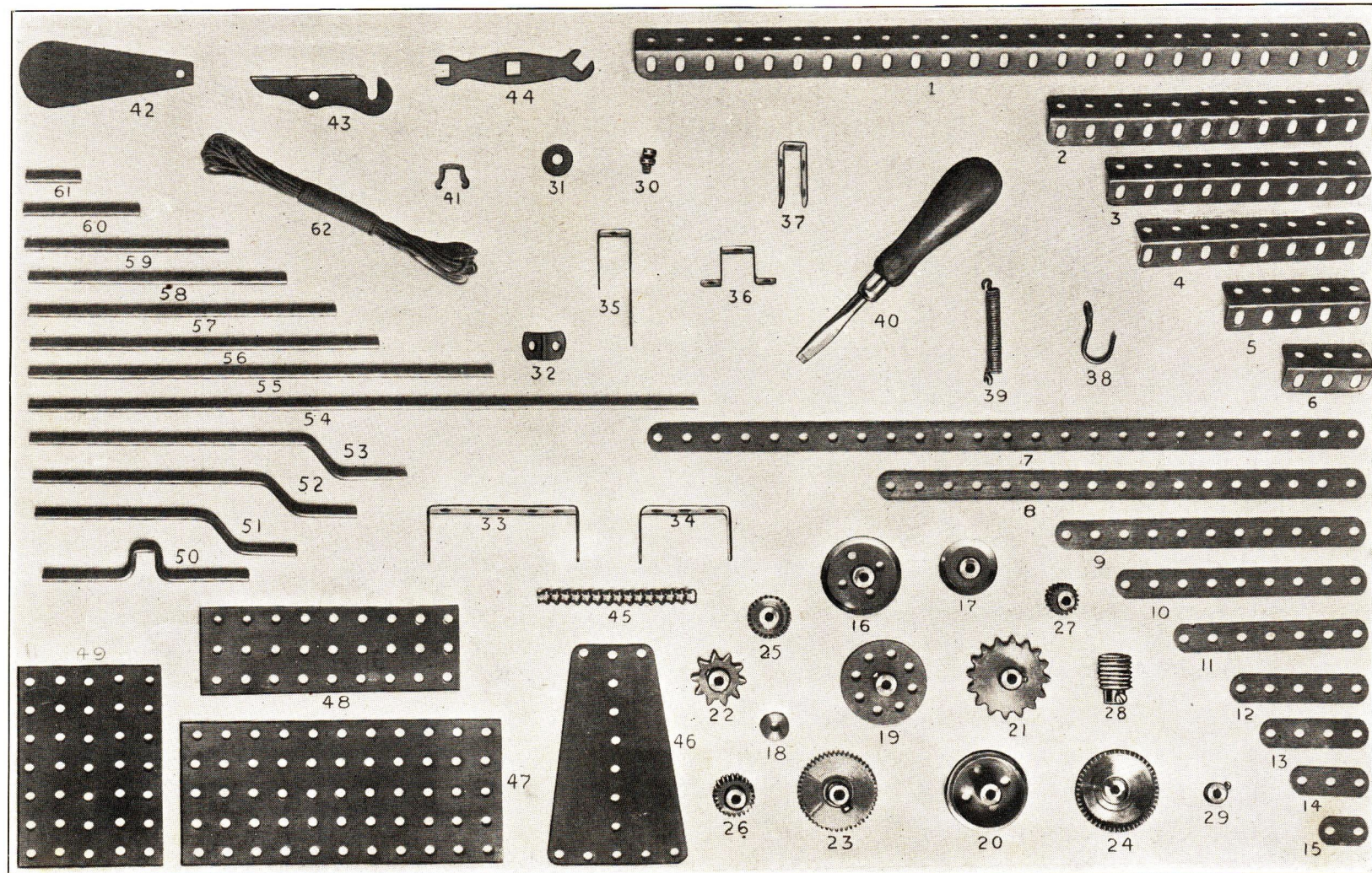
speed. If increased speed is wanted, use the $1\frac{1}{2}$ inch gear wheel as the driver. If you wish power, use the $\frac{3}{4}$ inch pinion as the driver.

When great power is wanted, use the worm wheel with the $\frac{1}{2}$ inch pinion, remembering that the worm must always be the driver.

The sprocket wheels and chain can be used in place of belts.

N O T E

"MODELIT" gears are all machine cut. We guarantee them to be mechanically correct, and when used in connection with the motor the models will run.



P R I C E L I S T O F S E P A R A T E P A R T S

No. 1	12 $\frac{1}{2}$ "	Angle Girder.....	60c	Doz.	No. 34	Small Bent Strip.....	05c	Each
No. 2	5 $\frac{1}{2}$ "	" " ".....	40c	"	No. 35	Hanger Strip.....	05c	"
No. 3	4 $\frac{1}{2}$ "	" " ".....	30c	"	No. 36	Double Bent Strip.....	05c	"
No. 4	4"	" " ".....	30c	"	No. 37	Single Bent Strip.....	05c	"
No. 5	2 $\frac{1}{2}$ "	" " ".....	20c	"	No. 38	Hook.....	05c	"
No. 6	1 $\frac{1}{2}$ "	" " ".....	15c	"	No. 39	1 $\frac{1}{2}$ " Spring.....	05c	"
No. 7	12 $\frac{1}{2}$ "	Perforated Strip.....	50c	"	No. 40	Screw Driver.....	10c	"
No. 8	8 $\frac{1}{2}$ "	" " ".....	40c	"	No. 41	Eye Piece.....	05c	"
No. 9	5 $\frac{1}{2}$ "	" " ".....	30c	"	No. 42	Propeller Blade.....	15c	Pair
No. 10	4 $\frac{1}{2}$ "	" " ".....	20c	"	No. 43	Pawl.....	10c	Each
No. 11	3 $\frac{1}{2}$ "	" " ".....	20c	"	No. 44	Spanner.....	10c	"
No. 12	2 $\frac{1}{2}$ "	" " ".....	20c	"	No. 45	Chain, 4 ft. length.....	10c	"
No. 13	2"	" " ".....	20c	"	No. 46	Sector Plate.....	05c	"
No. 14	1 $\frac{1}{2}$ "	" " ".....	15c	"	No. 47	Large Perforated Plate.....	05c	"
No. 15	1"	" " ".....	15c	"	No. 48	Small Perforated Plate.....	05c	"
No. 16	1 $\frac{1}{2}$ "	Groove Pulley.....	10c	Each	No. 49	Medium Perforated Plate.....	05c	"
No. 17	1"	" " ".....	10c	"	No. 50	Crank Axle.....	05c	"
No. 18	$\frac{1}{2}$ "	" " ".....	05c	"	No. 51	4 $\frac{1}{2}$ " Crank.....	10c	"
No. 19		Bush Wheel.....	15c	"	No. 52	5 $\frac{1}{2}$ " ".....	10c	"
No. 20		Flange Wheel.....	15c	"	No. 53	6 $\frac{1}{2}$ " ".....	10c	"
No. 21	1 $\frac{1}{2}$ "	Sprocket Wheel.....	20c	"	No. 54	11 $\frac{1}{2}$ " Axle Rods.....	10c	"
No. 22	1"	" " ".....	20c	"	No. 55	8" " ".....	10c	"
No. 23	1 $\frac{1}{2}$ "	Gear Wheel.....	25c	"	No. 56	6" " ".....	05c	"
No. 24	1 $\frac{1}{2}$ "	Crown Gear.....	30c	"	No. 57	5" " ".....	05c	"
No. 25	$\frac{3}{4}$ "	" " ".....	25c	"	No. 58	4 $\frac{1}{2}$ " " ".....	05c	"
No. 26	$\frac{3}{4}$ "	Pinion.....	20c	"	No. 59	3 $\frac{1}{2}$ " " ".....	2 $\frac{1}{2}$ c	"
No. 27	$\frac{1}{2}$ "	" " ".....	15c	"	No. 60	2" " ".....	2 $\frac{1}{2}$ c	"
No. 28		Worm Wheel.....	20c	"	No. 61	1" " ".....	2 $\frac{1}{2}$ c	"
No. 29		Collar and Set Screw.....	05c	"	No. 62	Cord, Heavy Blue.....	2 $\frac{1}{2}$ c	"
No. 30		Screw and Nut.....	10c	Doz.	No. 63	Cord, Green, 80 ft.....	05c	"
No. 31		Washers.....	10c	"	No. 64	Wood Screws.....	10c	Doz.
No. 32		Angle Brackets.....	10c	"	No. 65	Instruction Book for Outfit No. 1.....	15c	Each
No. 33		Large Bent Strip.....	05c	Each	No. 66	Complete Instruction Book.....	25c	"

Separate parts can be secured from dealers handling Modelit Outfits at the above prices.

If you order of us direct, five per cent. should be added to the amount of order for postage, except in cases where the order amounts to \$2.00 or more, in which case we will prepay all transportation charges. We make a special effort to fill all orders promptly and carefully.

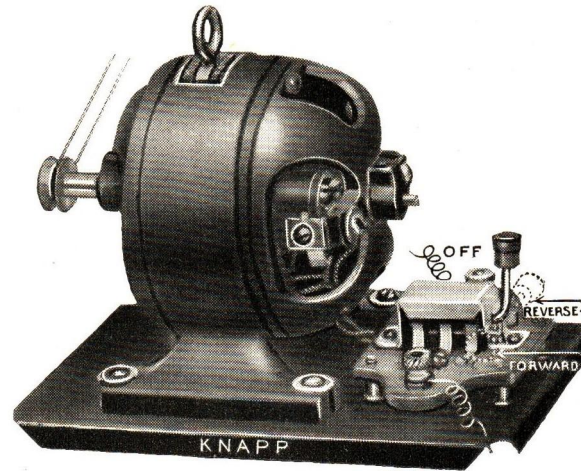
THE WATROUS MFG. CO.,

East Hampton, Conn., U. S. A.

ELECTRIC MOTORS

We furnish electric motors to be used in connection with Modelit Outfits. This motor is well made, strong and durable, a first-class machine — we guarantee it. Has reversing switch to start, stop or run in either direction.

It can be operated on one dry cell, but when more power is required two cells are more efficient and economical. Dry cells can be purchased from any garage or sporting goods store. We do not furnish them.



Motor No. 100, complete as shown in cut, \$2.50.

Motor No. 200, which is exactly like No. 100 except it has more power and a reducing gear, transforming the high speed at shaft to greater power and slower speed, \$3.00.

Shipping weight, $3\frac{1}{4}$ lbs.

	1	1-A	2	2-A	3	3-A	4	4-A	5
1	12 1/2" Angle Girder...								8
2	5 1/2" Angle Girder...	2		4	4	4	8		4
3	4 1/2" Angle Girder...		2		2	2	4		4
4	4" Angle Girder...	2	4		4	4	2		4
5	2 1/2" Angle Girder...		2		2	2	4		4
6	1 1/2" Angle Girder...							2	2
7	12 1/2" Perforated Strip...	2	4	6	12		12	4	16
8	8 1/2" Perforated Strip...								8
9	5 1/2" Perforated Strip...	4	2	6	12	2	20	4	24
10	4 1/2" Perforated Strip...						2	2	4
11	3 1/2" Perforated Strip...	2	2	2	4	2	6	2	8
12	2 1/2" Perforated Strip...	10	10	10	20		20	10	30
13	2" Perforated Strip...		2	2	2	2	4	4	8
14	1 1/2" Perforated Strip...						4	4	8
15	1" Perforated Strip...						4	4	8
16	1 1/2" Groove Pulley...	4	2	6	4	4	5		5
17	1" Groove Pulley...	1	1	1	1	1	4		4
18	1/2" Groove Pulley...	1							2
19	Flange Wheel...								1
20	1 1/2" Sprocket Wheel...								1
21	1" Sprocket Wheel...								1
22	1 1/2" Gear Wheel...								2
23	1 1/2" Crown Gear...								2
24	3/4" Crown Gear...								2
25	3/4" Pinion...								2
26	1/2" Pinion...								2
27	Worm Wheel...								1
28	Collar and Set Screw...	4	2	6	6	1	1		1
29	Screws and Nuts...	30	15	45	27	72	28	100	10
30	Washer...						2	50	150
31	Angle Brackets...	12	12	12	12	24	36	24	60
32	Large Bent Strip...						1	7	8
33	Small Bent Strip...							1	1
34	Double Bent Strip...	1	1	1	1	2		2	2
35	Single Bent Strip...	1	1	1	1	1		2	2
36	Hook...								2
37	1 1/2" Spring...	1	1	1	1	1		1	1
38	Screw Driver...								1
39	Eye Piece...								1
40	Propeller Blade...								2
41	Pawl...								2
42	Spanner...	1	1	1	1	1		2	2
43	Chain...								2
44	Sector Plate...	1	1	2					1
45	Large Perforated Plate...	1	1	1	2				1
46	Small Perforated Plate...								2
47	Medium Perforated Plate...	1	1	1	2				2
48	Crank Axle...								2
49	4 1/2" Crank...	1	1	1	1	1			1
50	5 1/2" Crank...	1	1	1	1	1			2
51	6 1/2" Crank...								2
52	11 1/2" Axle Rods...								2
53	8" Axle Rods...								2
54	6" Axle Rods...								2
55	5" Axle Rods...								2
56	4 1/2" Axle Rods...	2	1	3	3	3			2
57	3 1/2" Axle Rods...								2
58	2" Axle Rods...	2	1	2	1	3			2
59	1" Axle Rods...								2
60	Cord, Blue...								2
61	Cord, Green...	1	1	1	1	1			2
62	Wood Screws...	4	4	4	4	4			2
63	Instruction Book for Outfit No. 1...	1	1	1	1	1			2
64	Complete Instruction Book...								2
65									

P R I C E L I S T O F O U T F I T S

No. 1	Modelit Outfit,	\$1.00
No. 2	Modelit Outfit,	2.00
No. 3	Modelit Outfit,	3.00
No. 4	Modelit Outfit,	5.00
No. 5	Modelit Outfit,	7.50

A C C E S S O R Y O U T F I T S

No. 1-A	Modelit Accessory Outfit converts No. 1 Outfit into No. 2 Outfit,	1.00
No. 2-A	Modelit Accessory Outfit converts No. 2 Outfit into No. 3 Outfit,	1.00
No. 3-A	Modelit Accessory Outfit converts No. 3 Outfit into No. 4 Outfit,	2.00
No. 4-A	Modelit Accessory Outfit converts No. 4 Outfit into No. 5 Outfit,	2.50