

STANLO

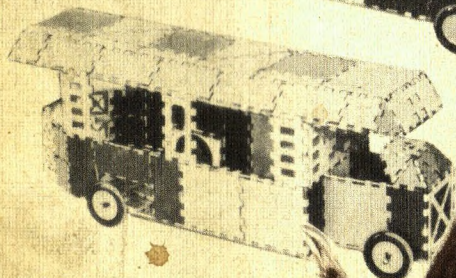
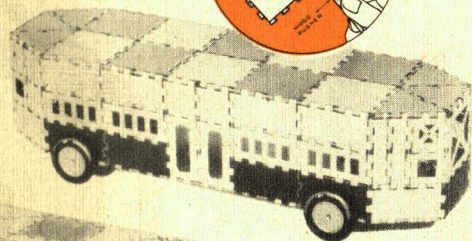
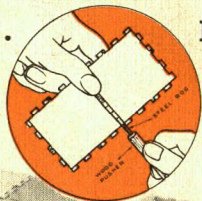
PATENT APPLIED FOR

INSTRUCTION BOOK

BUILDS STRONG STEEL MODELS

EASY TO BUILD . . .

NO BOLTS NO NUTS



100 TOYS IN ONE

MANUFACTURED BY STANLO, NEW BRITAIN, CONN.

To the Boy who owns a set of STANLO

You are going to get a lot of pleasure from your set. There is a thrill in building models of the wonders of this Steel Age — sturdy models of solid steel, finished in brilliant colors — models that are real. You can do it yourself with STANLO: that is why it is called The Master Building Toy.

There will be no end of excitement in making the models from your set, shown in this book. The STANLO Boss Builder has given you many interesting things to copy. From letters that we receive from other boys we know that your big thrill will come when you build models of *your own*, an Automobile, an Airplane, a Boat, a Sky-ride built as you think one should be made.

You'll probably want more pieces of different STANLO parts to carry out your own ideas. You can buy them separately: prices are shown in this book. STANLO is a wonderful line because there are so many features to add new thrills. We want you to know about all of them.

Set No. 1 — In four brilliant colors — The marvelous set for beginners.

Set No. 200 — In four brilliant colors with a special STANLO Electric Lighting unit so that you can put real lights on your models.

Set No. 300 — In four brilliant colors — A bigger set with real demountable rubber tires for Automobiles, Busses, Trucks and bigger Towers, Windmills and buildings.

Set No. E 300 — The Young Engineer's Set. STANLO special engineering parts in modern Aluminum finish and outdoor Red for real models of Bridges, Derricks, Steam Shovels, Crane Hoists.

Set No. 500 — The Big STANLO Set in four brilliant colors to build feature models of Circus Layouts, Camouflaged Tanks, Big Ocean-Going Freighters, Railroad Busses.

Then there are five STANLO sets with powerful STANLO Electric motors so that you can actually run your models by your own electric power.

Sets No. E 500 and No. 750 — With STANLO Induction motor to operate on A.C., (alternating current) and with Engineering parts to build tricky models of Steam Shovels, Aeroplane Sky-rides, Saw Mills, Merry-Go-Rounds.

Sets No. 1000, No. 1250, No. 1500 — With the powerful STANLO Universal motor, operating on A.C. or D.C. current, and with the patented STANLO Instant Finger-Tip Control Box so that

by simply pulling a lever you can reverse your motor, increase the speed or increase the power.

You can add anything in the whole STANLO line to your set. It means new thrills, building up your set until you have a Master Set of STANLO — Plenty of all kinds of parts, electric lights, and an electric motor.

We hope you will write to us, telling us how you get along with your STANLO building and about *your own* models. And feel free to ask questions — The STANLO Boss Builder likes to answer you.

Very cordially,

STANLO, The Master Building Toy
New Britain, Conn., U. S. A.

P.S. You may like to know something about the company who makes STANLO — it is made by The Stanley Works, New Britain, Conn., one of the largest companies in the world making hardware and tools. You have probably used STANLEY TOOLS at home or in school so you know how good they are. You will probably find this mark  on the hinges which swing the doors in your house, your school and everywhere else. The hardware on your Garage Doors is probably Stanley. Every day you are using something that The Stanley Works makes so you see why they are the people who know best how to make a wonderful building toy.

HOW TO BUILD WITH STANLO • *The Master Building Toy*

THERE are three different parts to any STANLO Set — plates, rods, and wheels. The plates are made in squares, rectangles, and triangles, in different sizes. You will find that two of the smaller pieces will exactly fit a full side of the next larger piece. The steel rods are made in many different lengths. For a long object you use a long rod or several short ones.

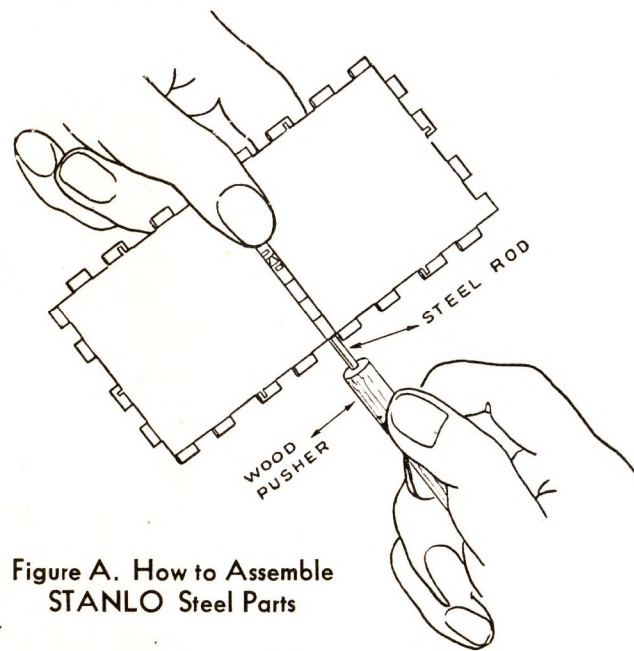


Figure A. How to Assemble
STANLO Steel Parts

STANLO metal plates are easy to put together and easy to take apart.

Take two STANLO plates and fit them together. See how the joints fit together smoothly and neatly. Now take one of the rods and start it with your fingers through the joints between the two pieces. Then take the wood pusher which you find in the STANLO box and push the rod all the way in. Picture at left shows how this is done.

To take apart any model, use the steel pusher you find in the STANLO box and push the rods out of the loops. If you lose any of the rods, matches with the heads cut off will work very well.

To assemble the wheels just slide them over a rod and place a clip on either side of the wheel to hold it in position. Picture below shows how this is done.

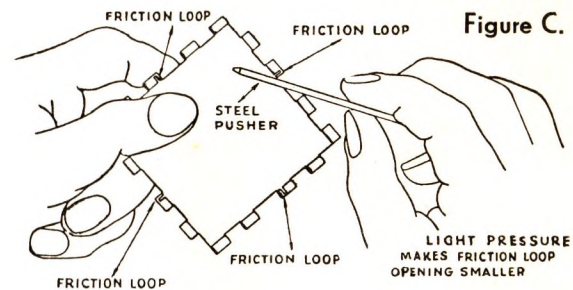
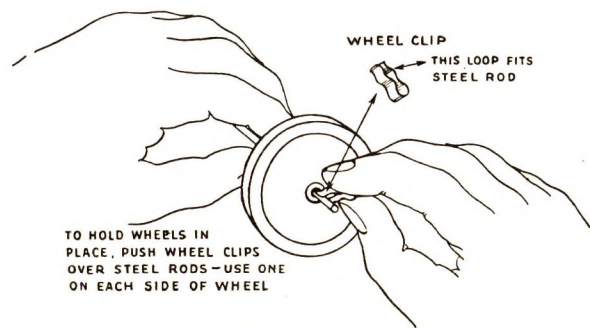
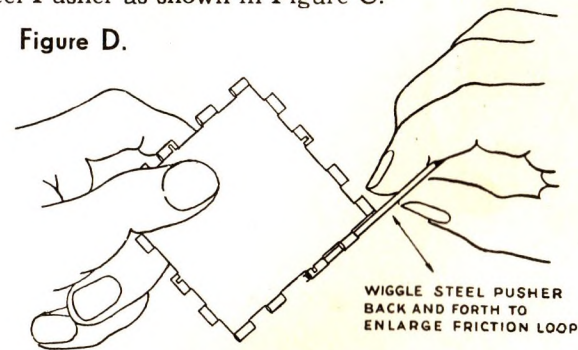


Figure C.

Look at one of the plates and you will see that on each side of it there is one loop that is slotted. The smaller loop thus formed is called a Friction Loop. If the steel rods should slide or fit too loosely in the loops, the friction loop can be bent in with the Steel Pusher as shown in Figure C.

Figure D.



Should you close the friction loop too much, insert the Steel Pusher through the loops as shown in Figure D and wiggle it back and forth.

STANLO PARTS

Price List of Separate Parts

1. Send money order or stamps to STANLO, New Britain, Conn., U. S. A.
2. Add 10c. for postage on all orders amounting to less than 35c. in U. S. A.
3. Prices (All plates in bundles of 8)

Plates Nos. 1-2-3-7-8-11-13 35c. per bundle

“ “ 15-17-20-21 30c. “ “

“ “ 5-6-10-12-22-23

25-26-27 25c. “ “

NOTE: It is necessary that you specify color which must be the color of the same piece in your set.

Pulleys and wheels.....5c. each

Hub Pulleys.....10c. “

Tires (to make wheels from pulleys) . . 10c. “

Lamp socket brackets (Stanlite) . . 2 for 15c

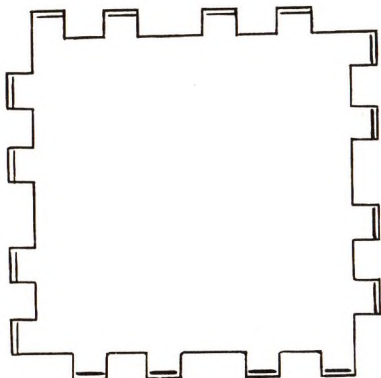
Lamp sockets with cord (Stanlite).....15c. “

Battery holding plate (Stanlite) 20c. "

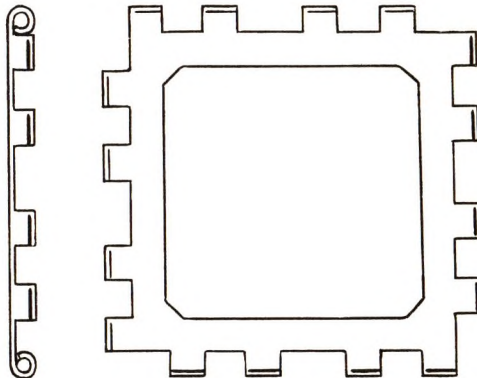
Wire rods—bundle of 110 assorted,

per bundle 25c.

Stanlo Instruction Books.....10c. “

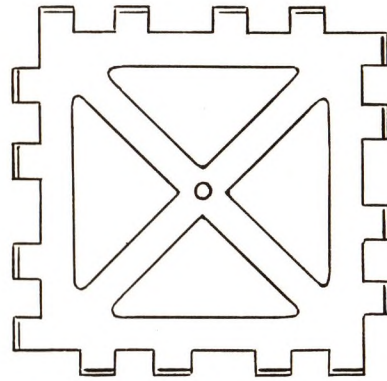


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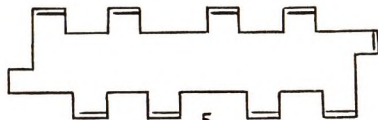


**SIDE
VIEW**

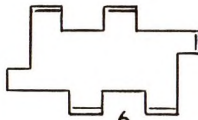
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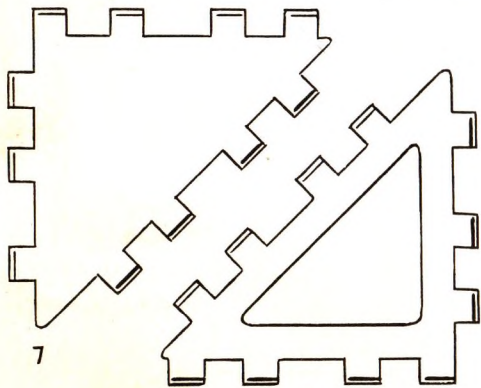
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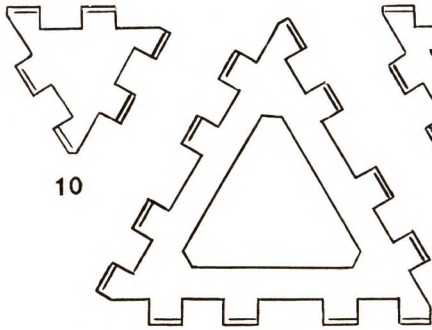
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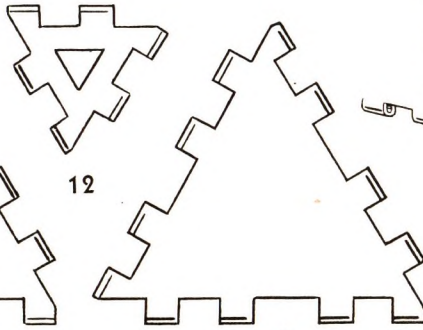
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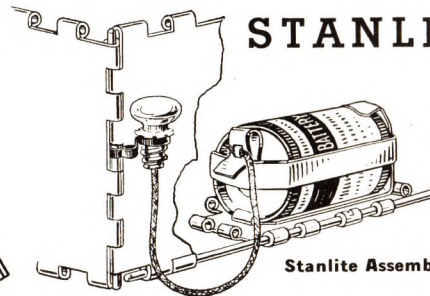
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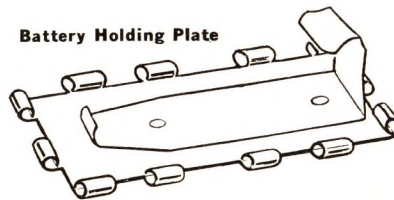
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Stanlite Assembly



Lamp Socket and Cord



Battery Holding Plate

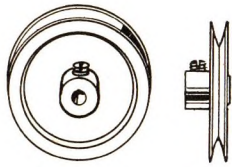


Lamp Socket Bracket



Wheel or Wiring Clip

STANLO PARTS



HUB PULLEY
(with set screw)



TIRE ON PULLEY
TO MAKE WHEEL



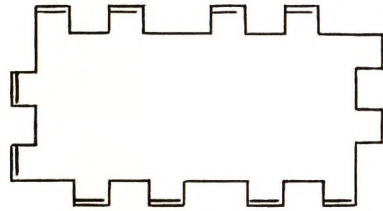
TIRE ON PULLEY
TO MAKE DRIVEN WHEEL



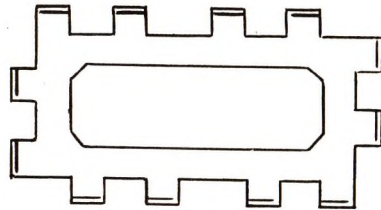
PULLEY



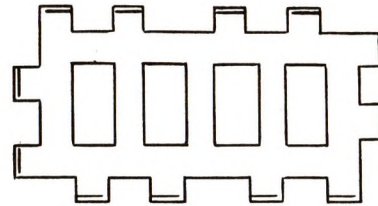
WHEEL



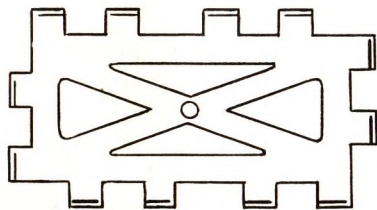
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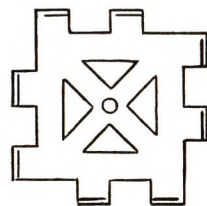
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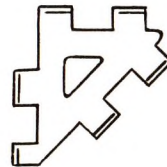
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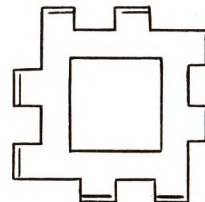
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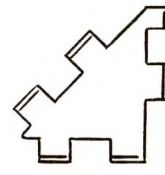
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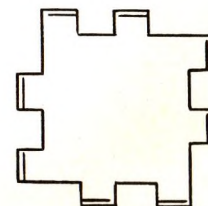
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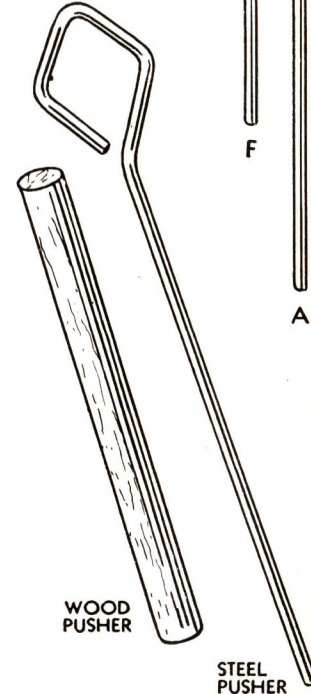
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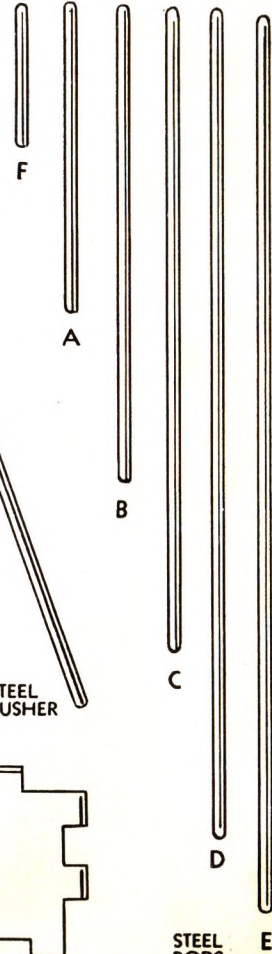


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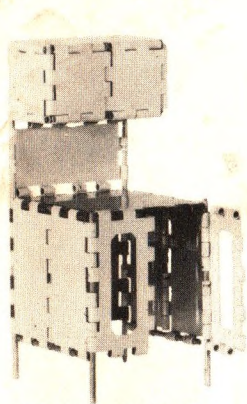
WOOD
PUSHER

STEEL
PUSHER

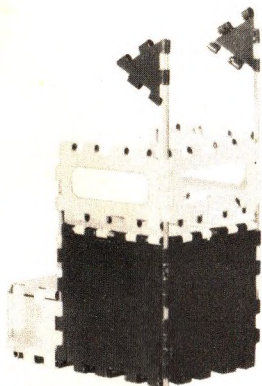


STEEL
RODS

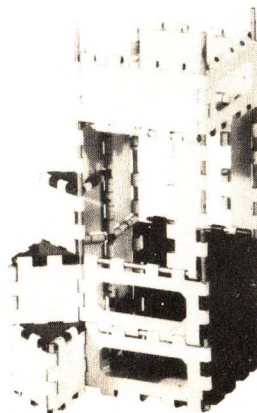
You can build these models with
STANLO Set No. 1



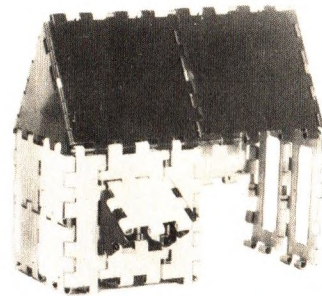
Kitchen Cabinet



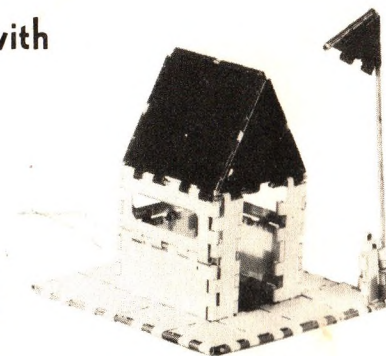
Reviewing Stand



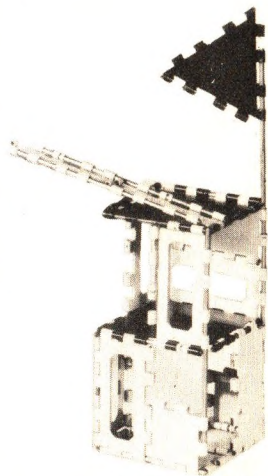
Judge's Stand



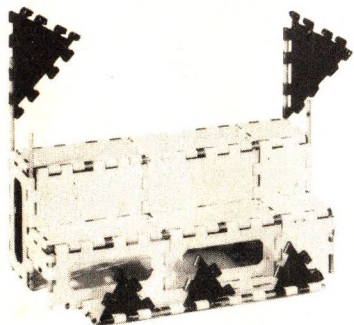
Cottage



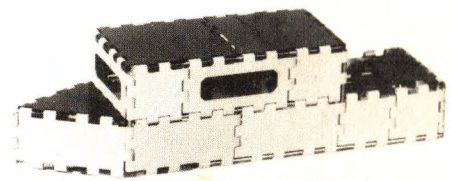
Gas Station



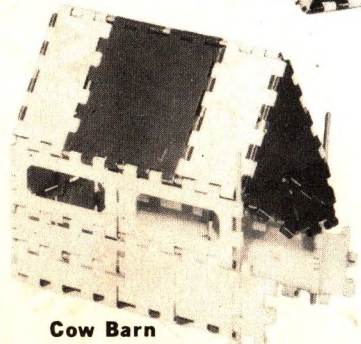
Diving Tower



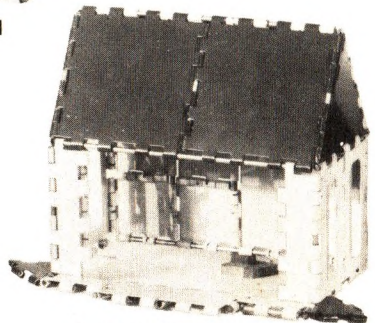
**Baseball
Bleachers**



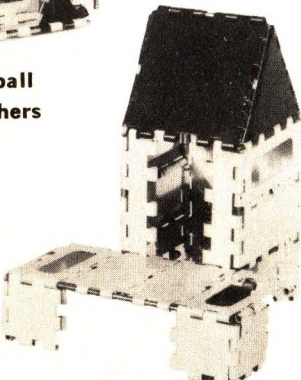
Stancraft Cabin Cruiser



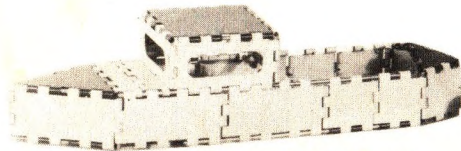
Cow Barn



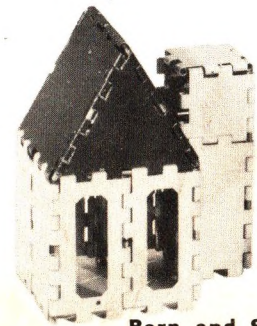
Interurban Station



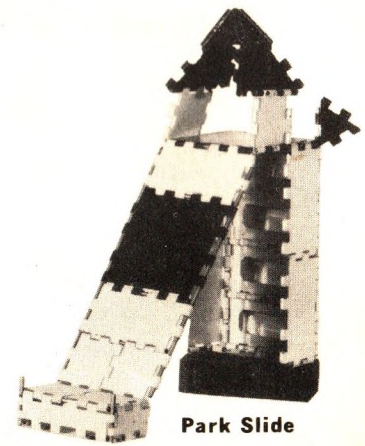
Railway Milk Station



Speed Boat — Cockpit Model

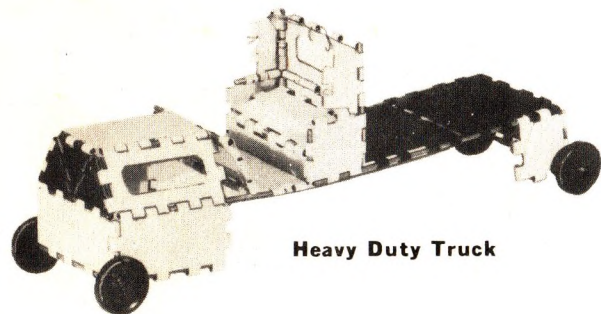


Barn and Silo

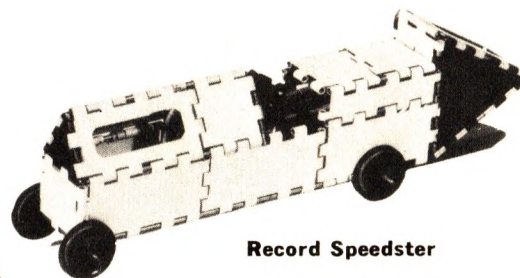


Park Slide

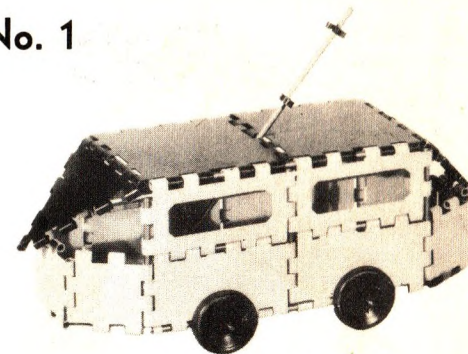
You can build these models with STANLO Set No. 1



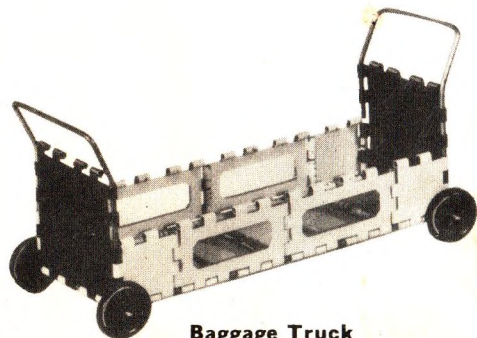
Heavy Duty Truck



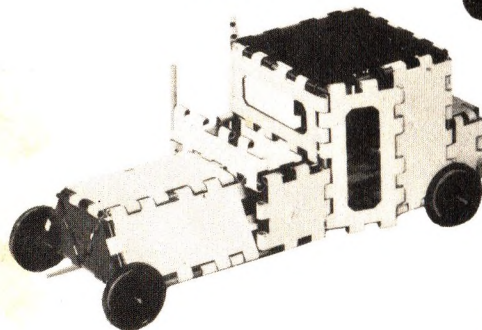
Record Speedster



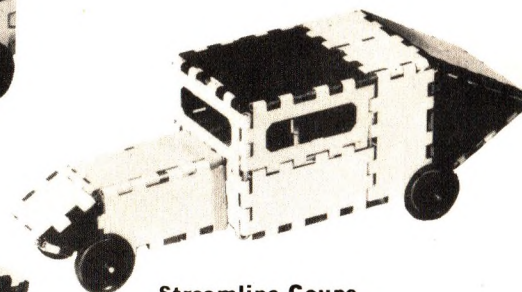
Summer Trolley Car



Baggage Truck



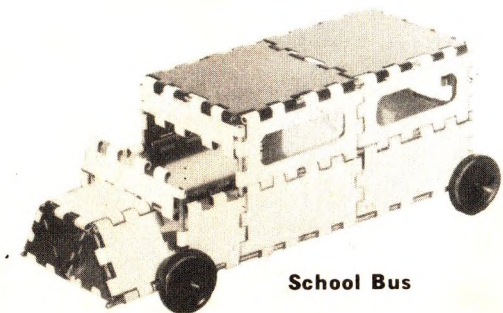
Town Car



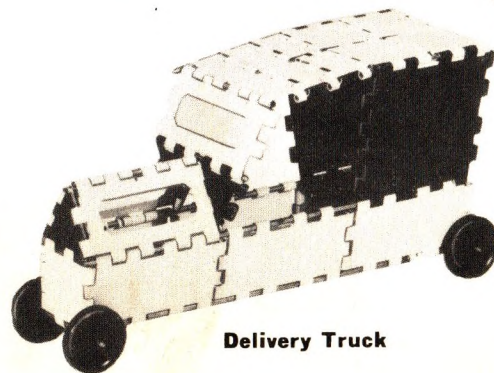
Streamline Coupe



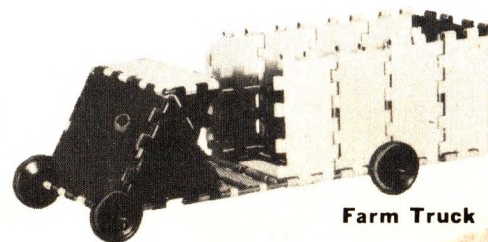
Delivery Truck



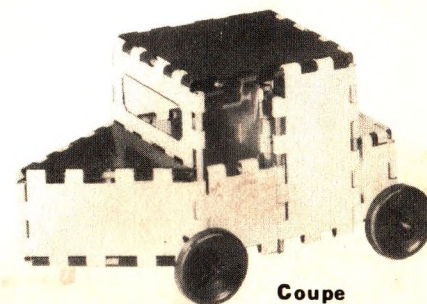
School Bus



Delivery Truck



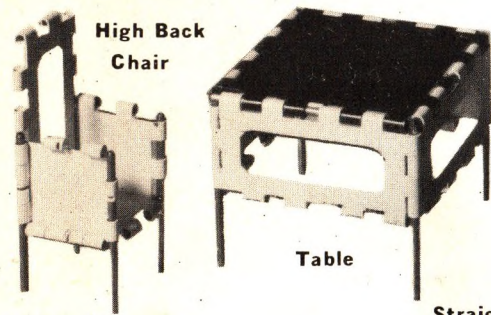
Farm Truck



Coupe

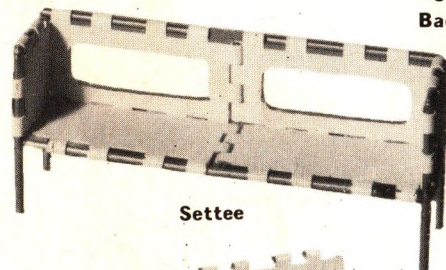
You can build these models with STANLO Set No. 1

High Back
Chair

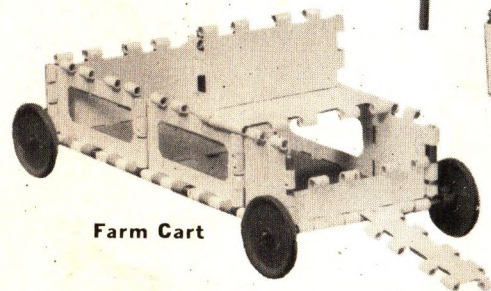


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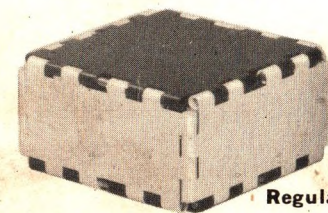
Straight
Back Chair



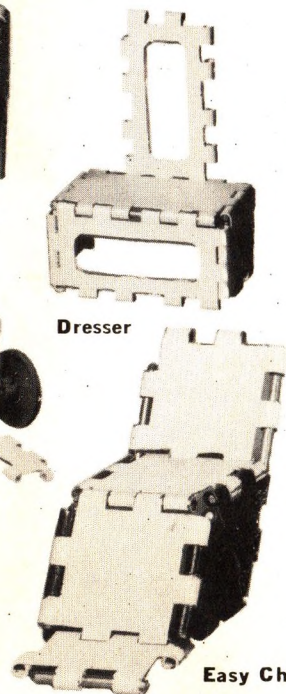
Settee



Farm Cart

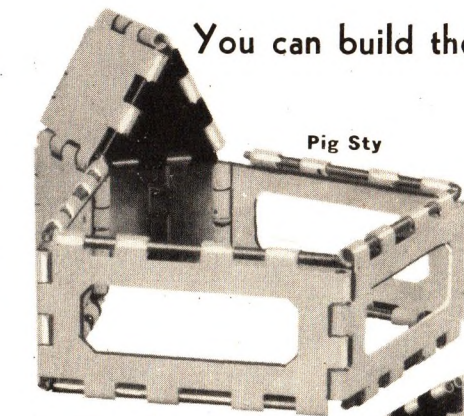


Regular Prism

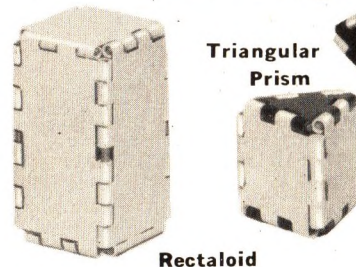


Dresser

Easy Chair

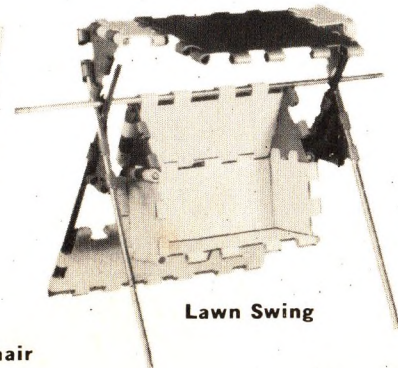


Pig Sty

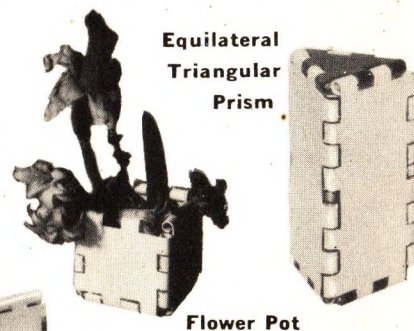


Triangular
Prism

Rectaloid

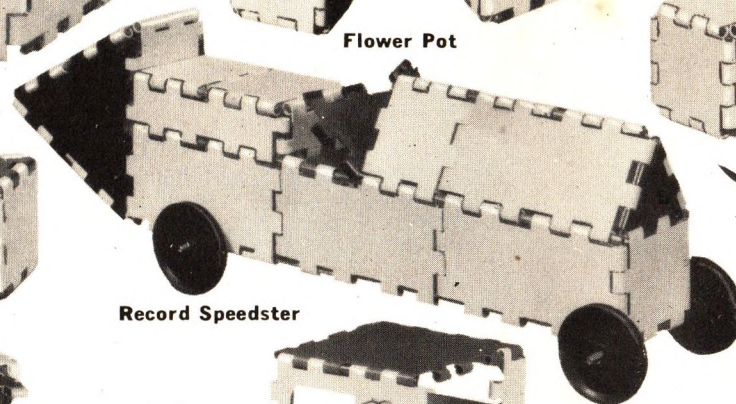


Lawn Swing

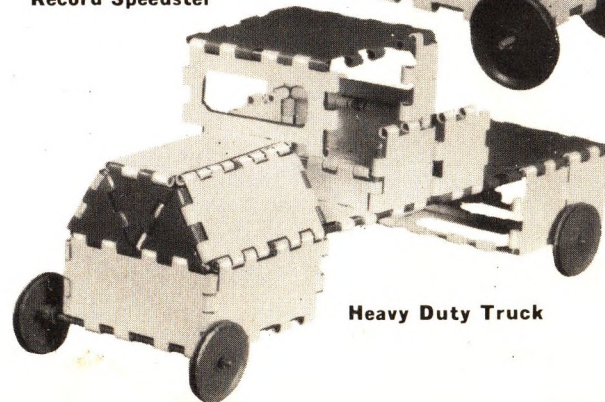


Equilateral
Triangular
Prism

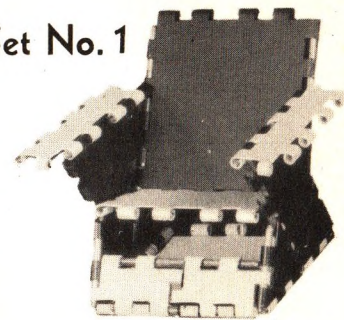
Flower Pot



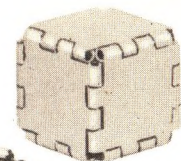
Record Speedster



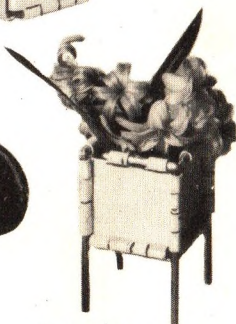
Heavy Duty Truck



Easy Chair

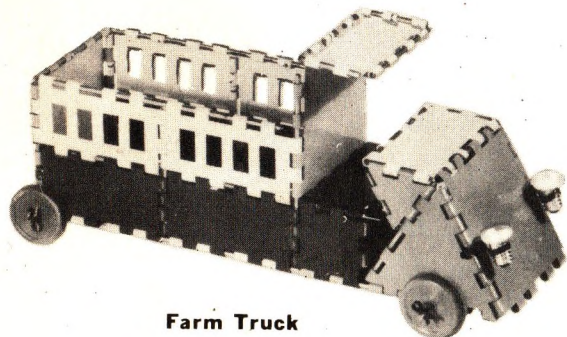


Flower Box

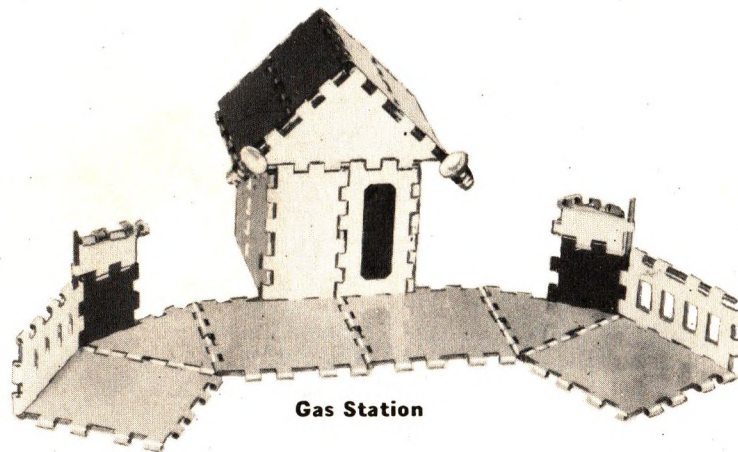


Tabouret

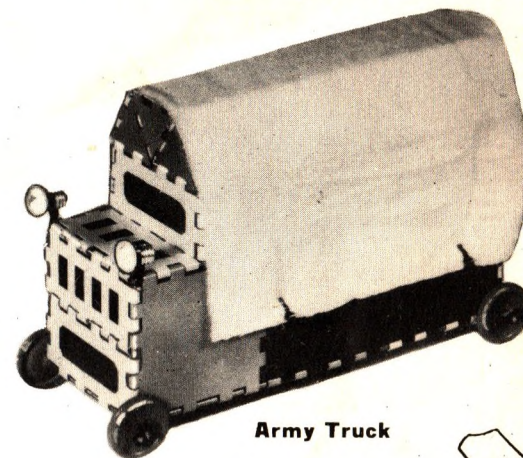
You can build these models with STANLO Set No. 200 and all models shown with Set No. 1



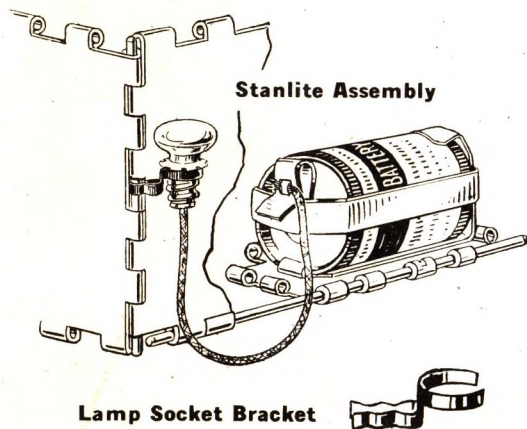
Farm Truck



Gas Station



Army Truck



Stanlite Assembly

Lamp Socket Bracket



Wheel or Wiring Clip

INSTRUCTIONS FOR LIGHTING A STANLO MODEL

1. Assembling Power Unit

Place battery in battery holding plate, see Figure 1. Place rubber band over battery and place battery contact clip inside rubber band at head of battery. Be sure that this is in contact with the brass button on the battery and that it does not touch any other metal part.

To test: Screw a bulb into a lamp socket — attach end of wire to battery clip and touch socket to a pin inserted into one side of battery holder.

2. Using Power Unit

The power unit must be built into the set — connected with pins just like any other Stanlo

part — in fact it should be used in place of a similar part.

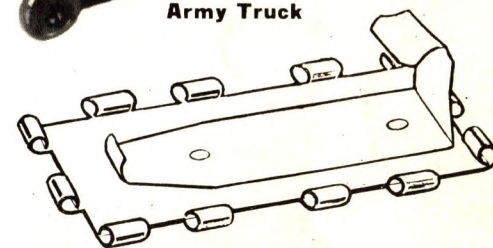
This is important as one part of the circuit is the model itself.

3. How To Light Your Models

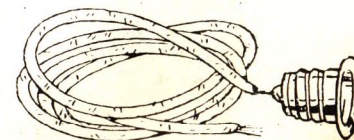
Lamps may be located in a model by using the Stanlo Lamp socket bracket which may be clipped on to any Stanlo pin in your model.

Slip socket bracket over lamp socket and clip small end over a pin in the model that you wish to light. Then slip back insulation on wire from socket and attach to battery contact clip, as above. A convenient opening for inserting these brackets is provided on most Stanlo parts.

Note: To turn out lights — unscrew lamps in socket.

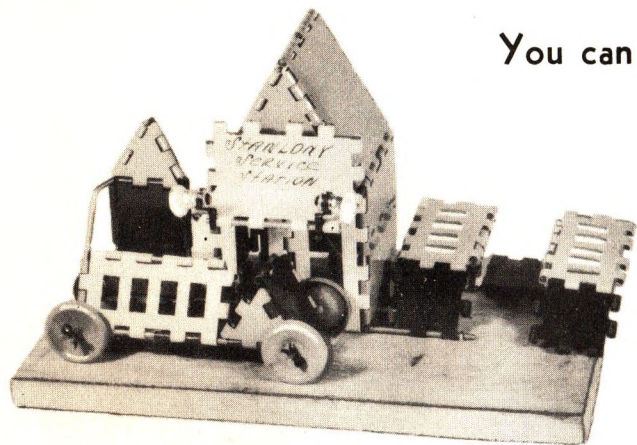


Battery Holding Plate

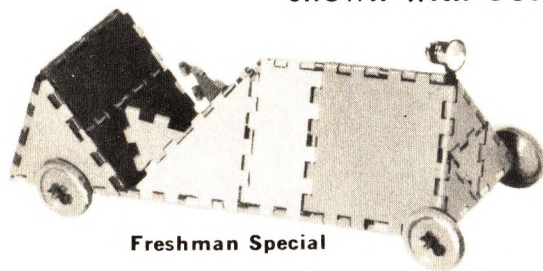


Lamp Socket and Cord

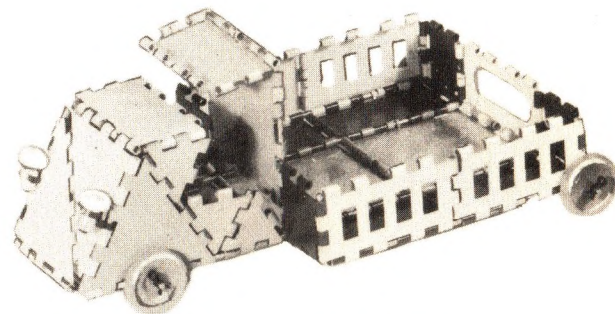
You can build these models with STANLO Set No. 200 and all models
shown with Set No. 1



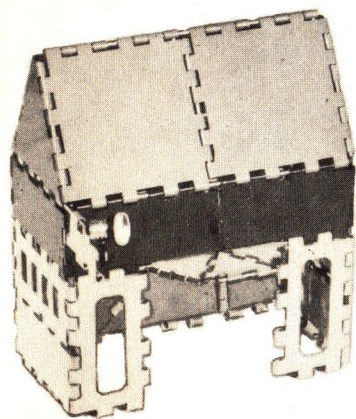
Stop Here for Gas and Oil



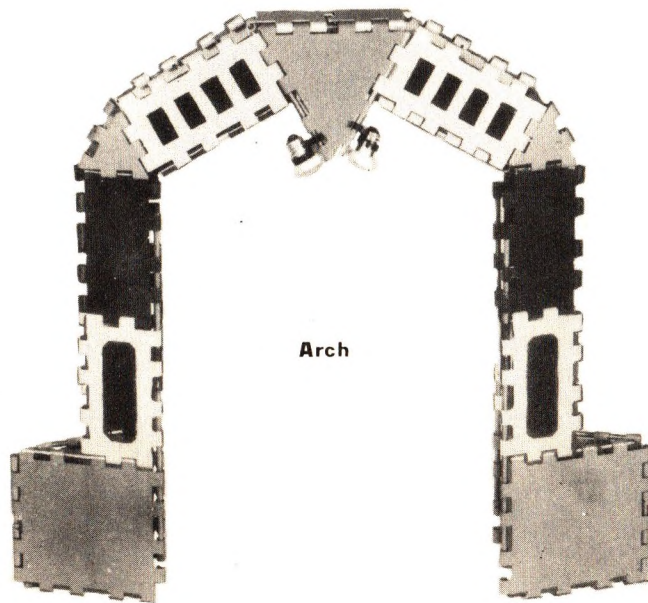
Freshman Special



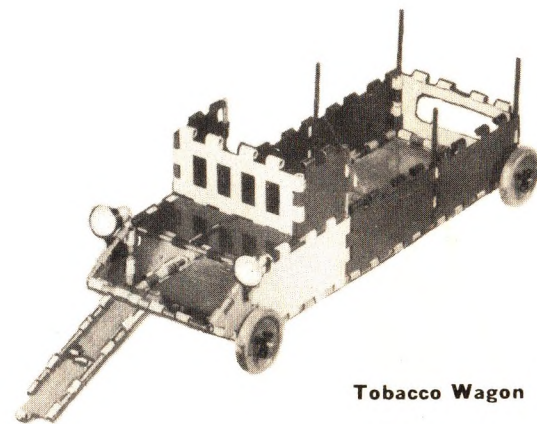
Gravel Truck



Trolley Station

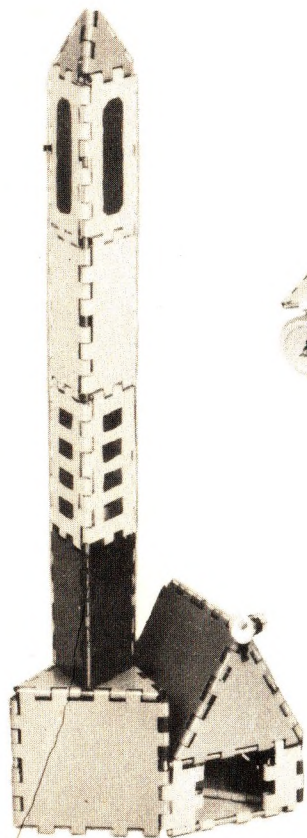


Arch

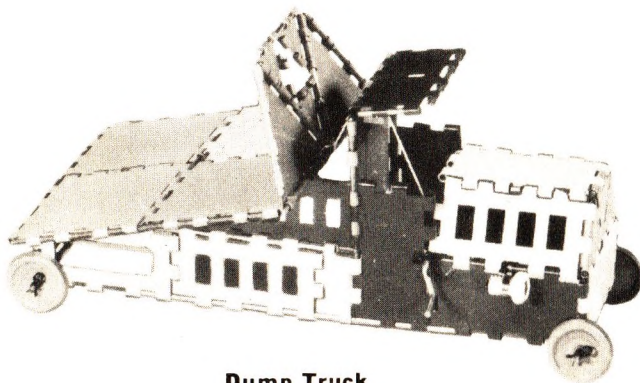


Tobacco Wagon

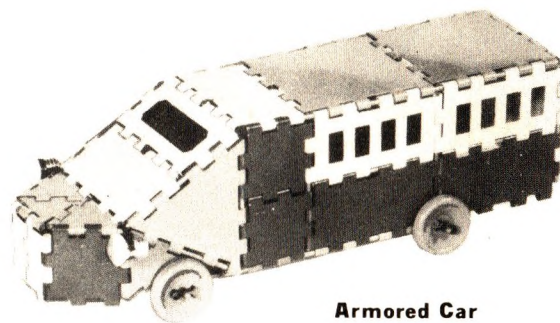
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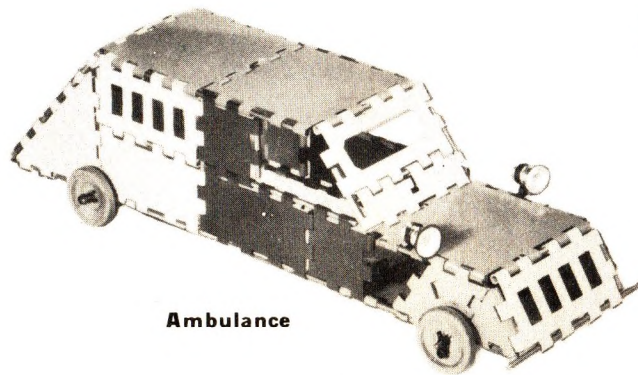
Lighthouse



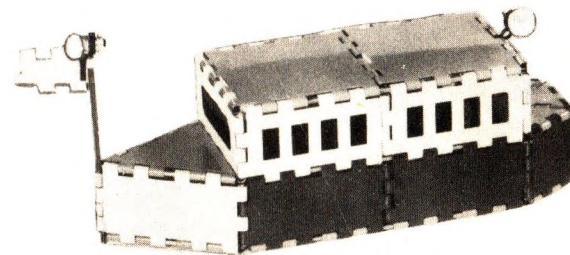
Dump Truck



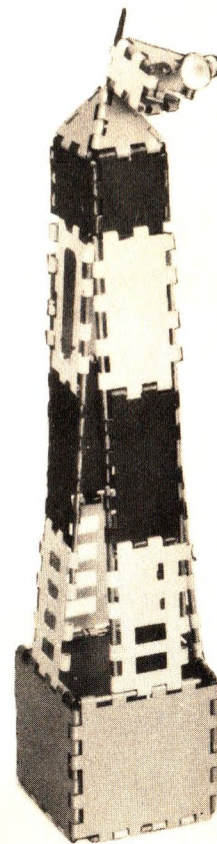
Armored Car



Ambulance

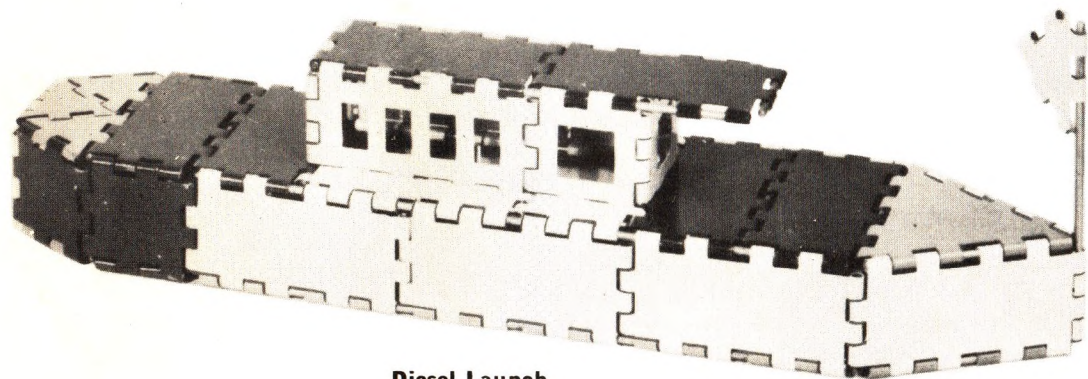


Cabin Cruiser

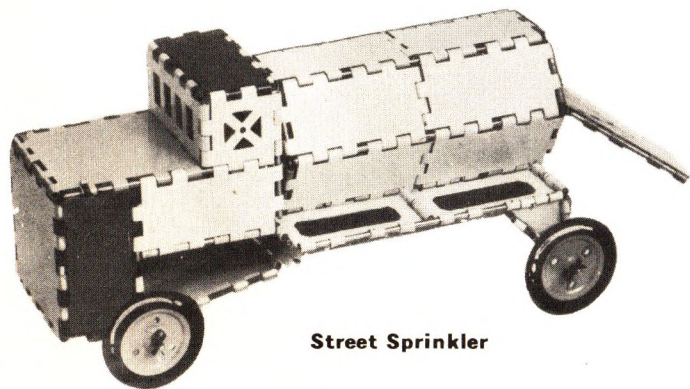


Beacon Light

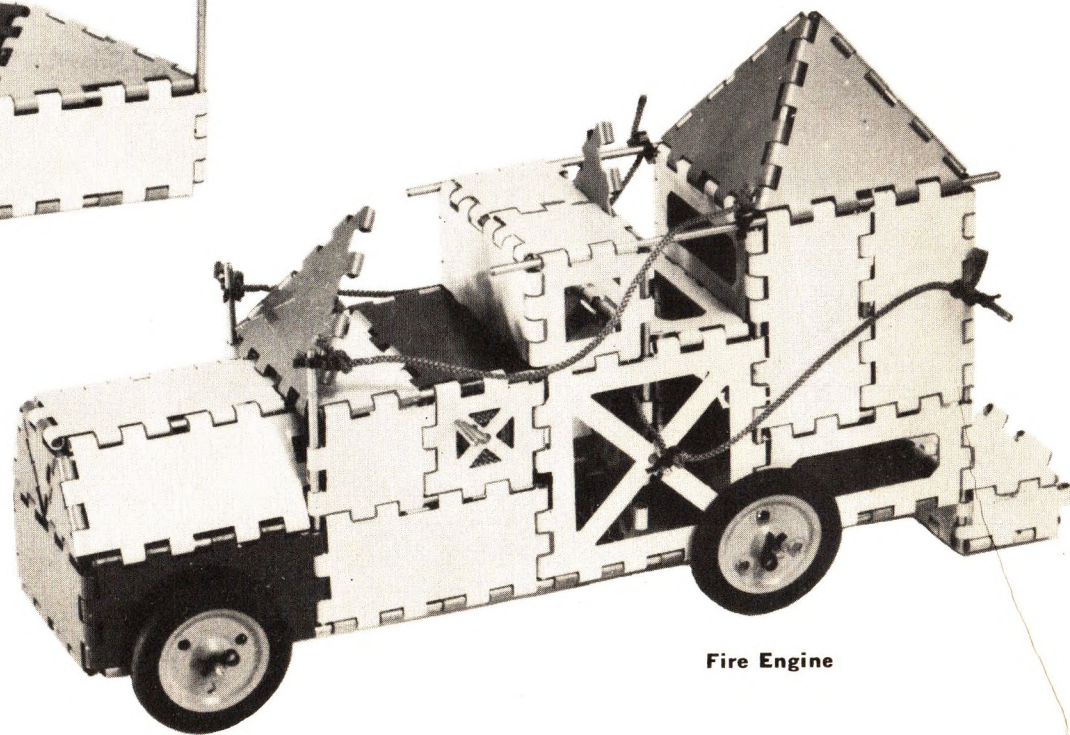
You can build these models with STANLO Set No. 300 and all models
shown with Sets No. 1 and 200



Diesel Launch

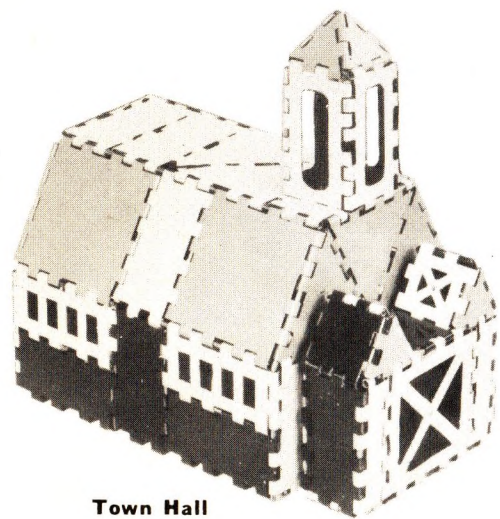


Street Sprinkler

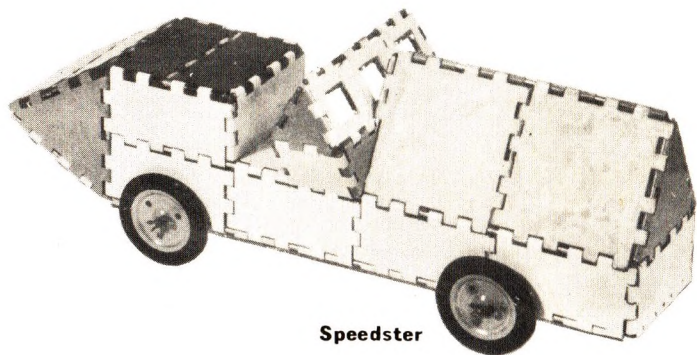


Fire Engine

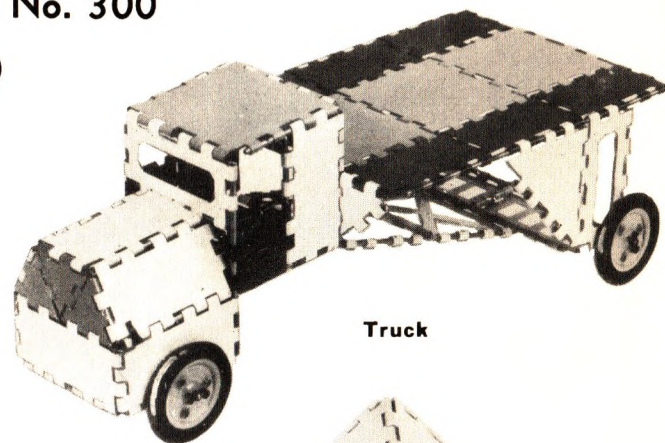
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and all models shown with Sets No. 1 and 200



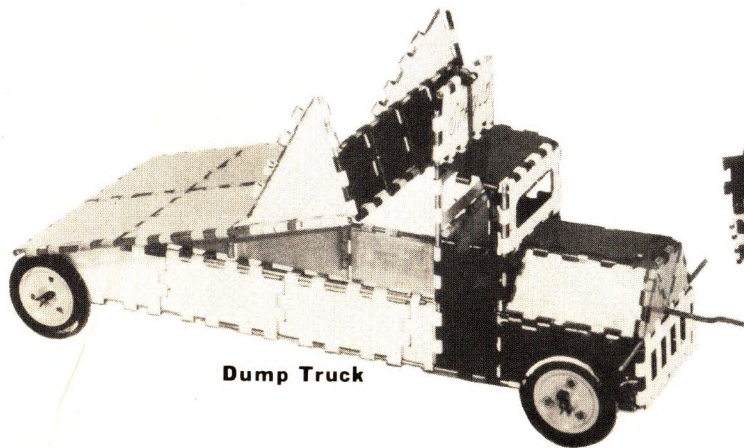
Town Hall



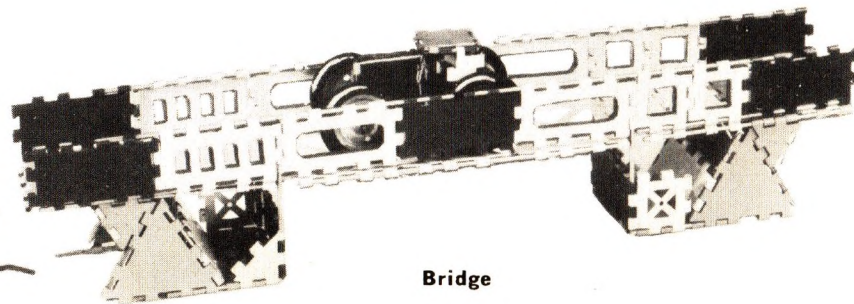
Speedster



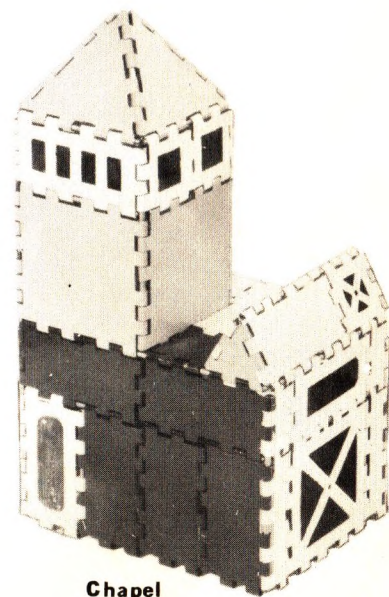
Truck



Dump Truck

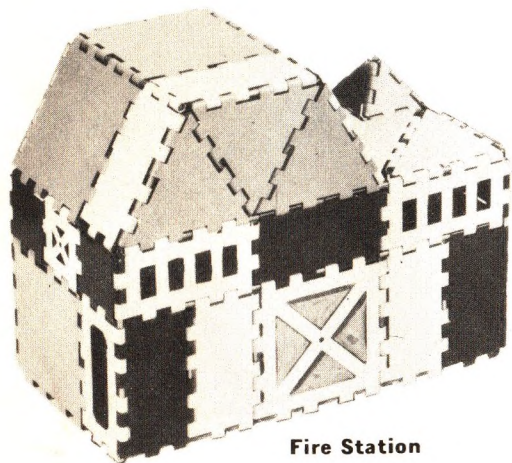


Bridge

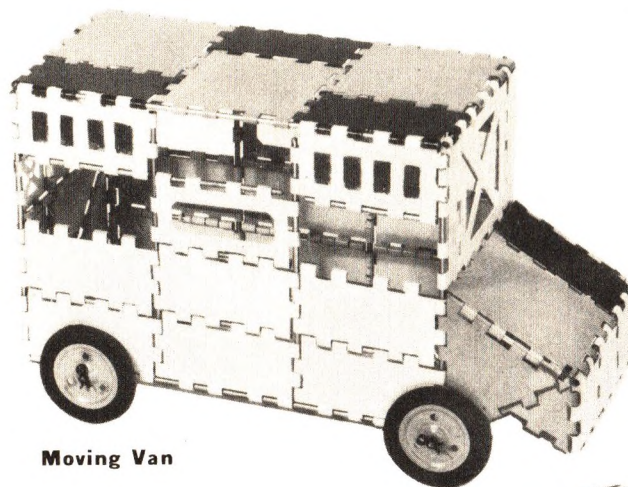


Chapel

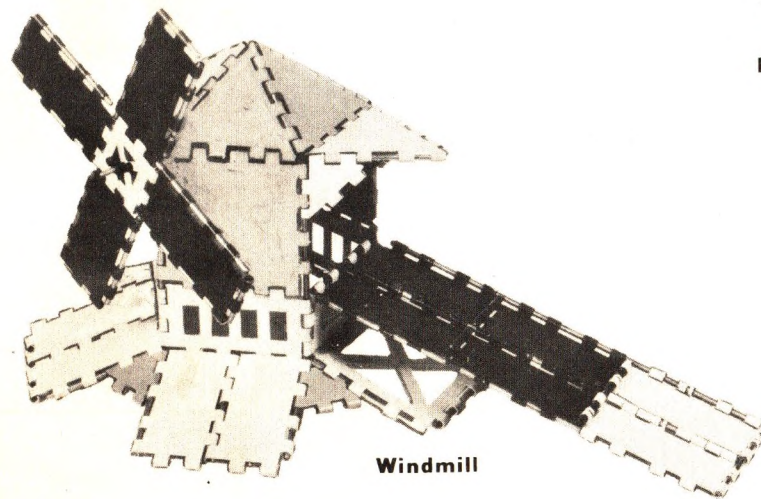
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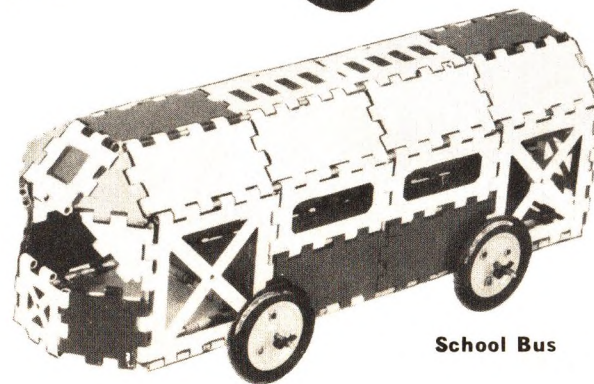
Fire Station



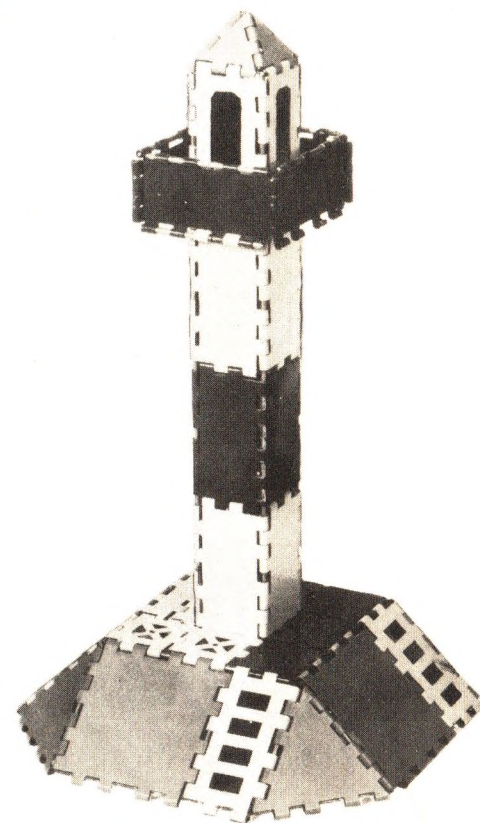
Moving Van



Windmill

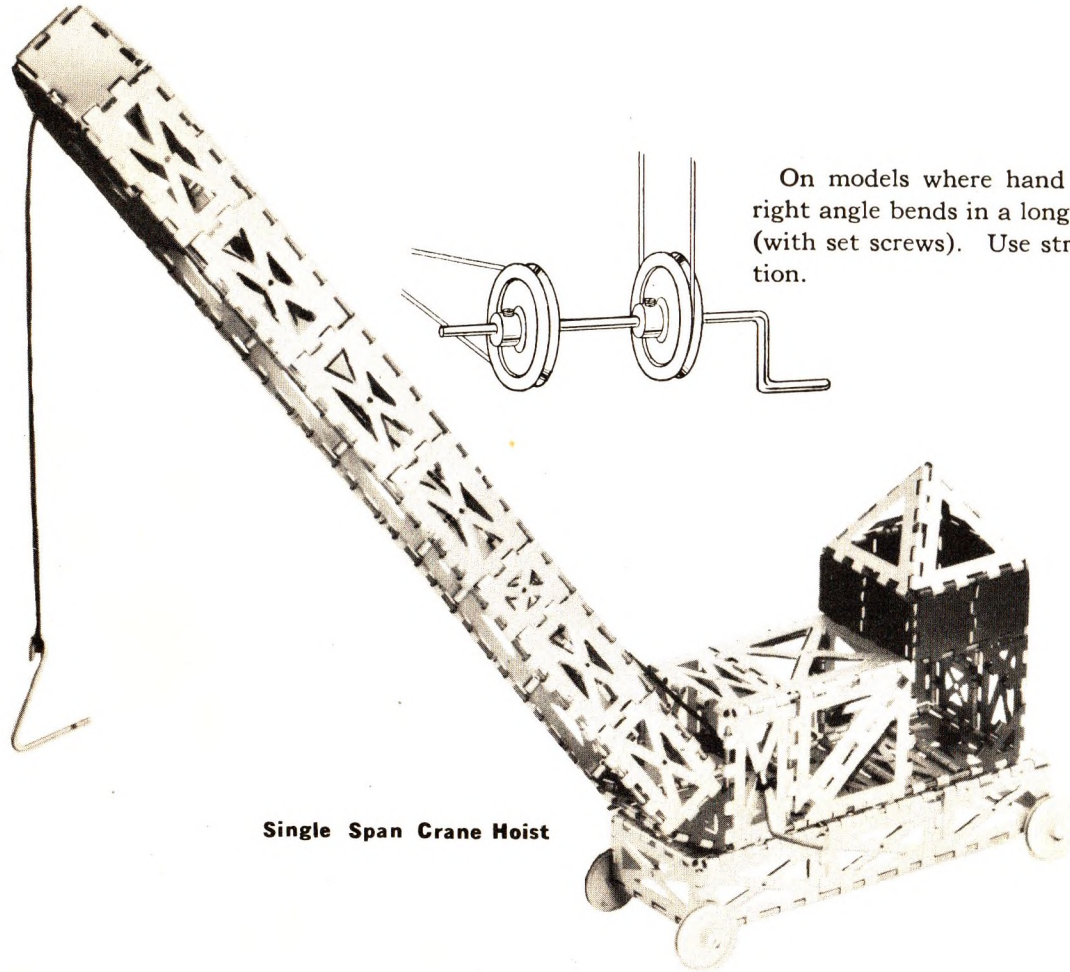


School Bus



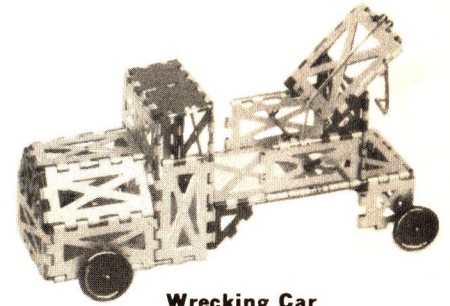
Lighthouse

You can build these models with STANLO Set No. E300

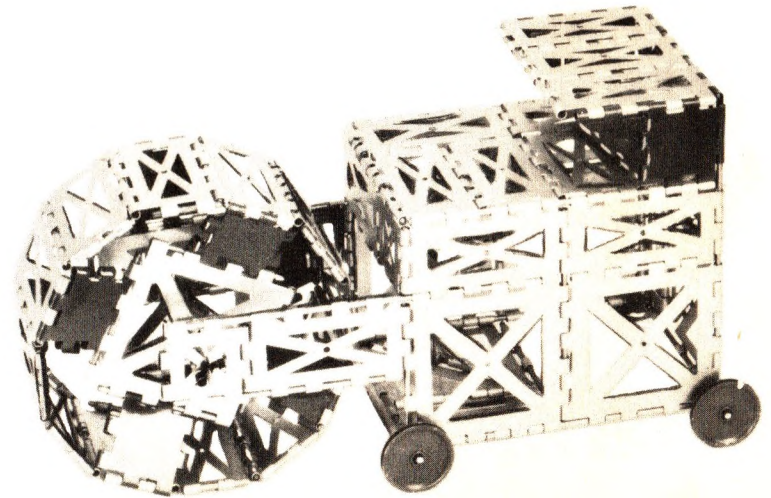


Single Span Crane Hoist

On models where hand crank is used, put two right angle bends in a long rod and use hub pulleys (with set screws). Use string for belt like illustration.

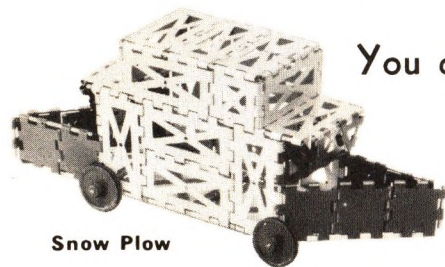


Wrecking Car

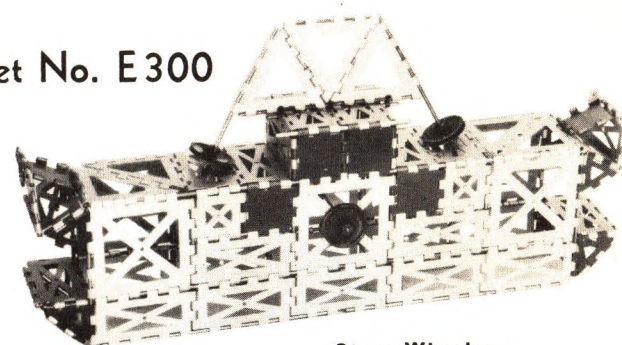


Steam Roller

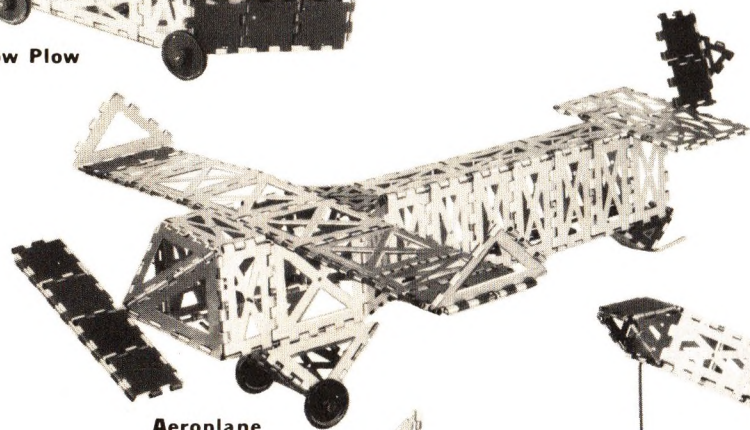
You can build these models with STANLO Set No. E300



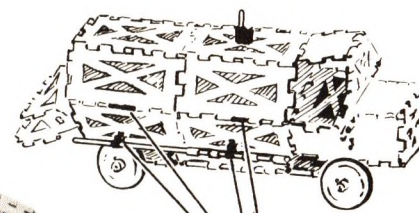
Snow Plow



Stern Wheeler



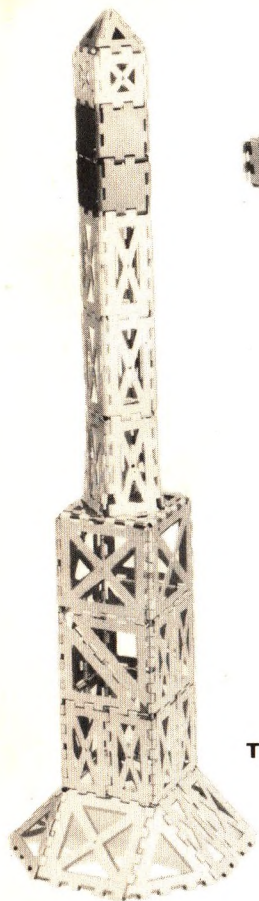
Aeroplane



CLIP TO ROD



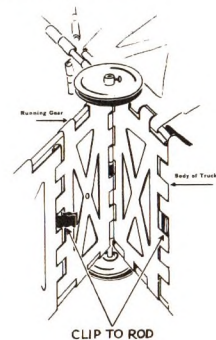
Oil Truck



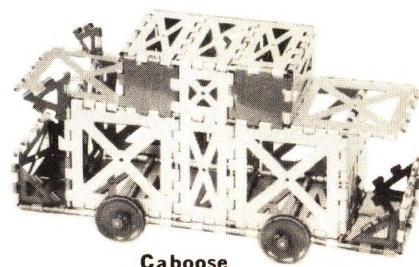
Tower



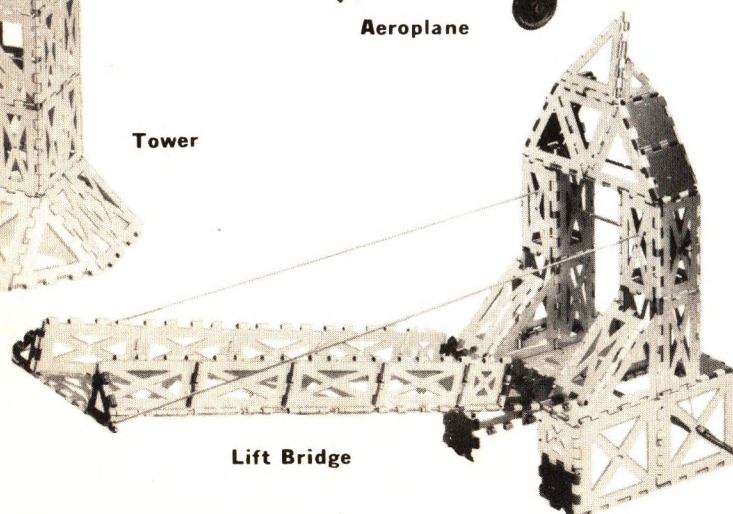
Crane



CLIP TO ROD



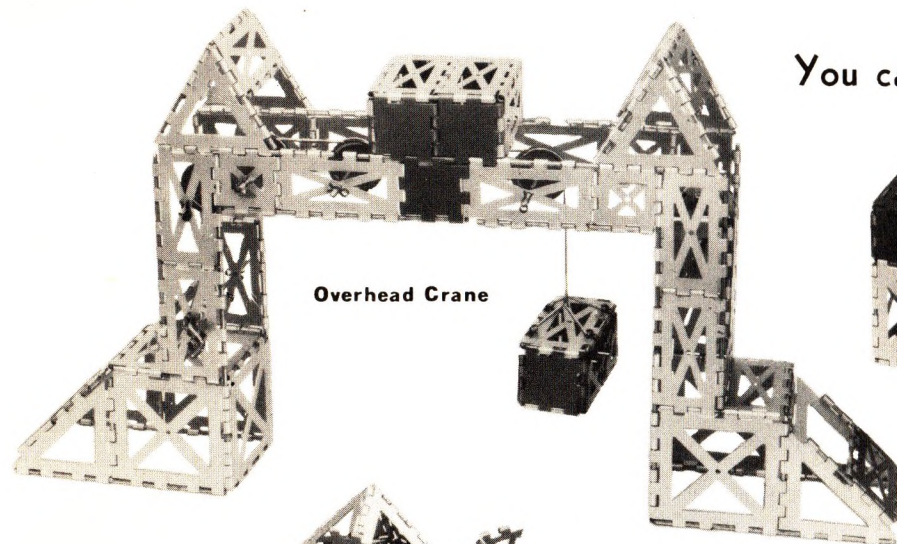
Caboose



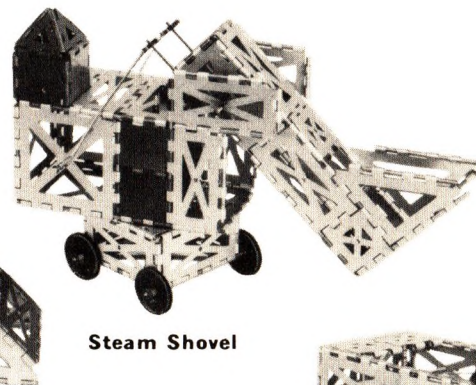
Lift Bridge

Separate Construction Units
Are Fastened Together with Clips.

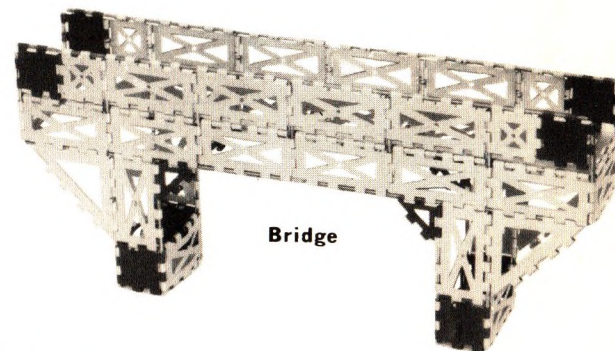
You can build these models with STANLO Set No. E300



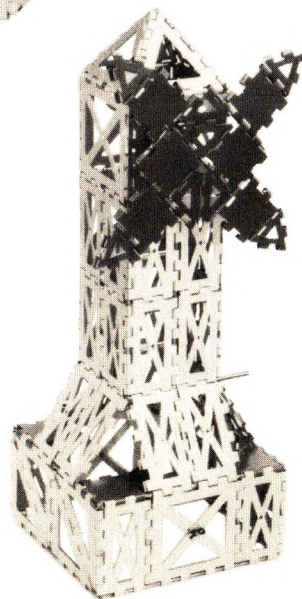
Overhead Crane



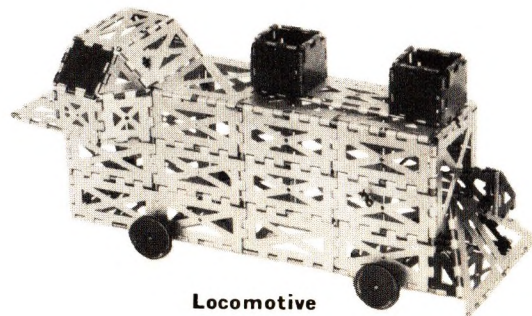
Steam Shovel



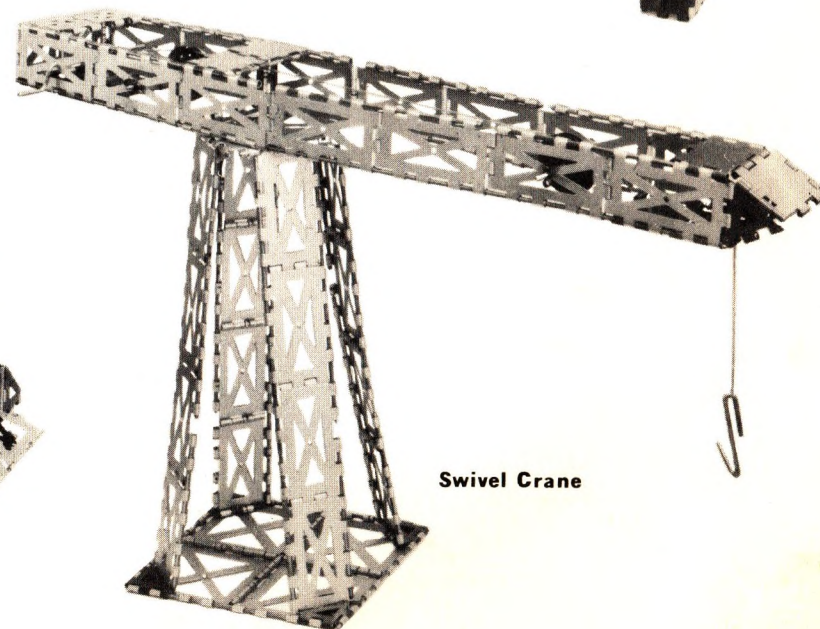
Bridge



Windmill

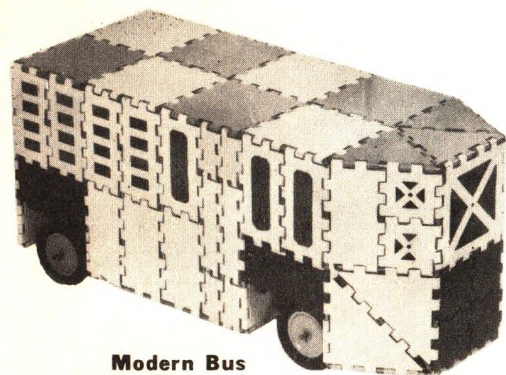


Locomotive

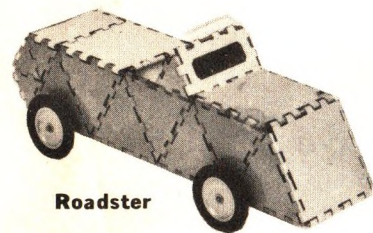


Swivel Crane

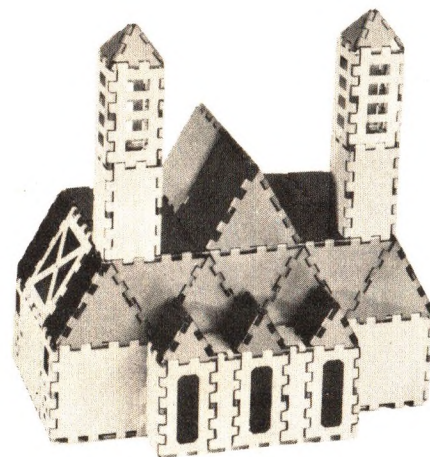
You can build these models with STANLO Set No. 500
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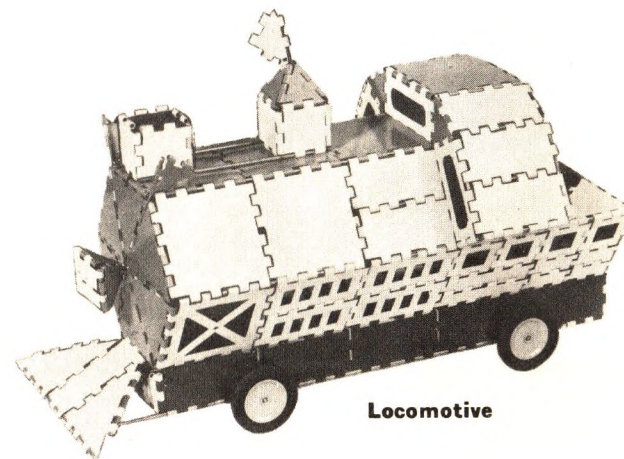
Modern Bus



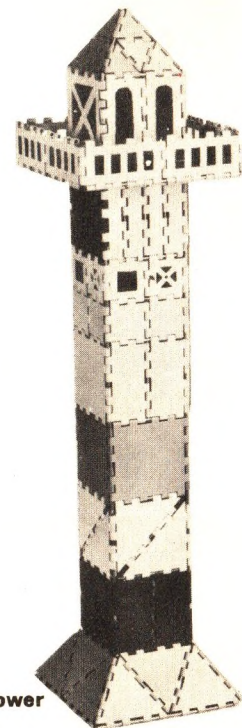
Roadster



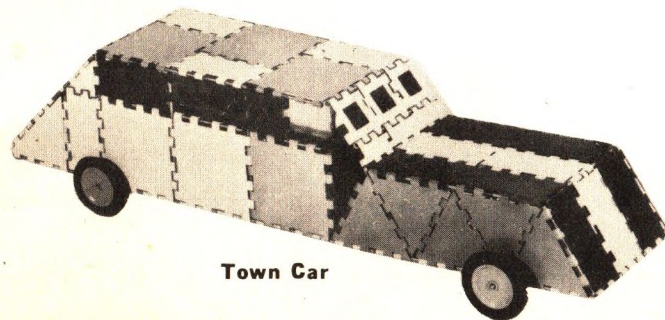
Church



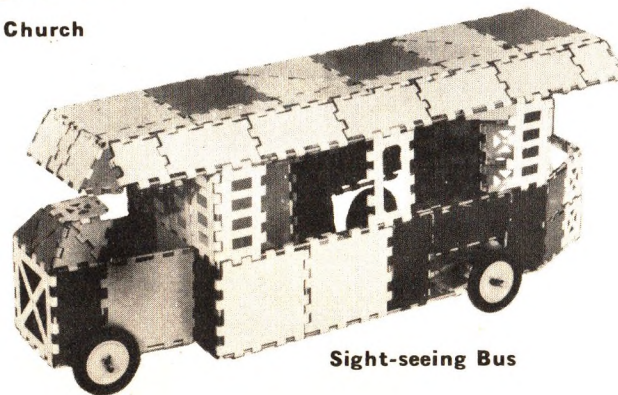
Locomotive



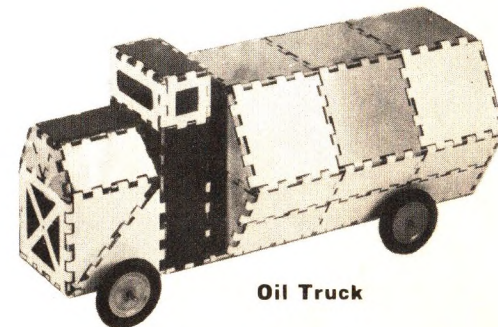
Observation Tower



Town Car

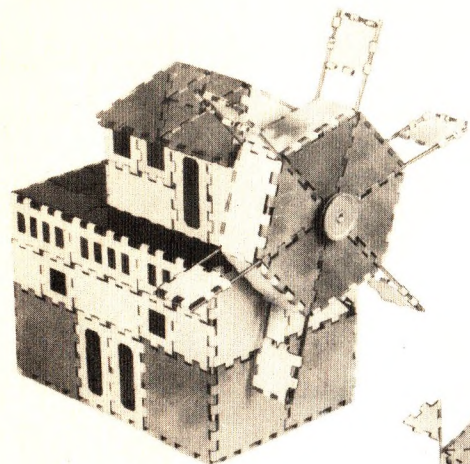


Sight-seeing Bus

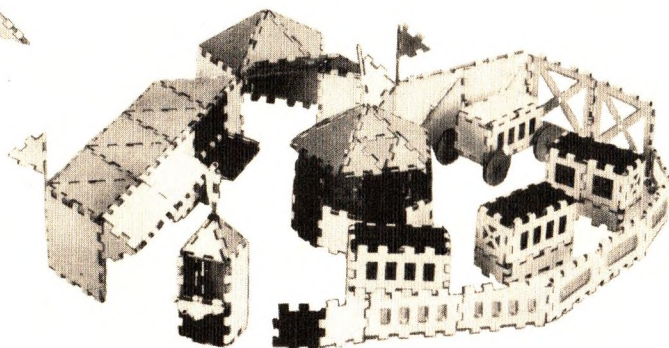


Oil Truck

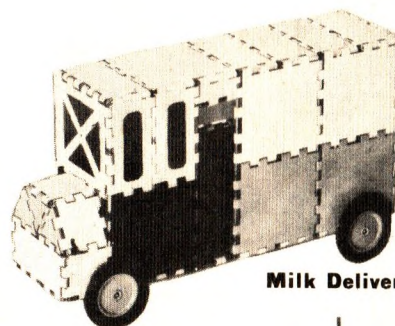
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No. 200 and 300



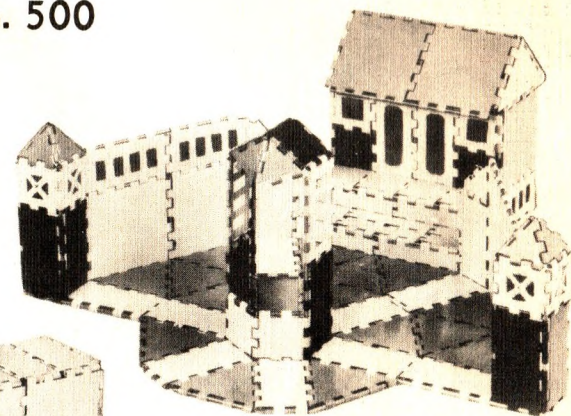
Old Mill Wheel



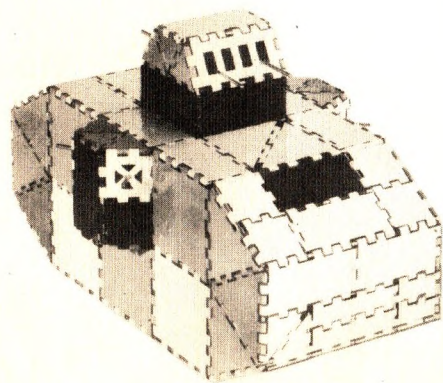
Circus



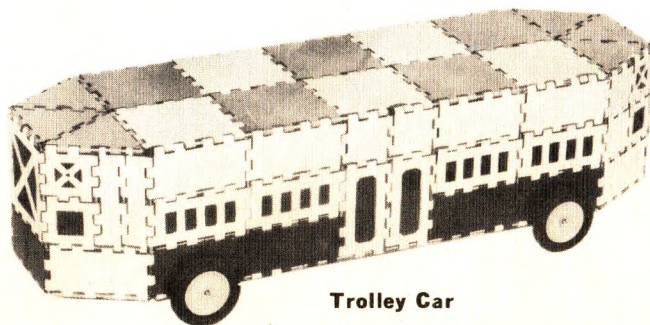
Milk Delivery Car



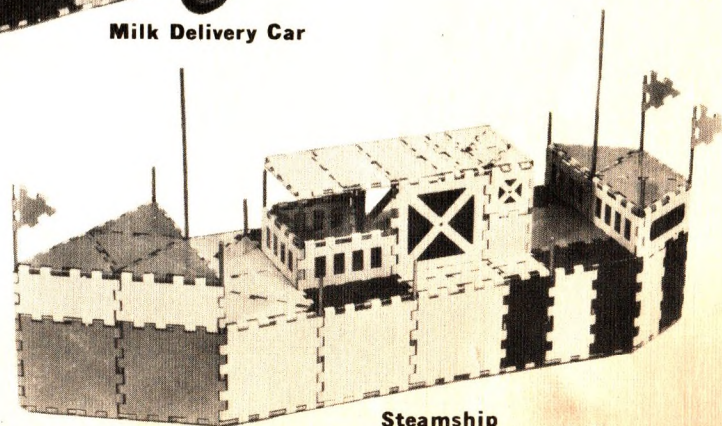
Summer House and Court



Armored Tank

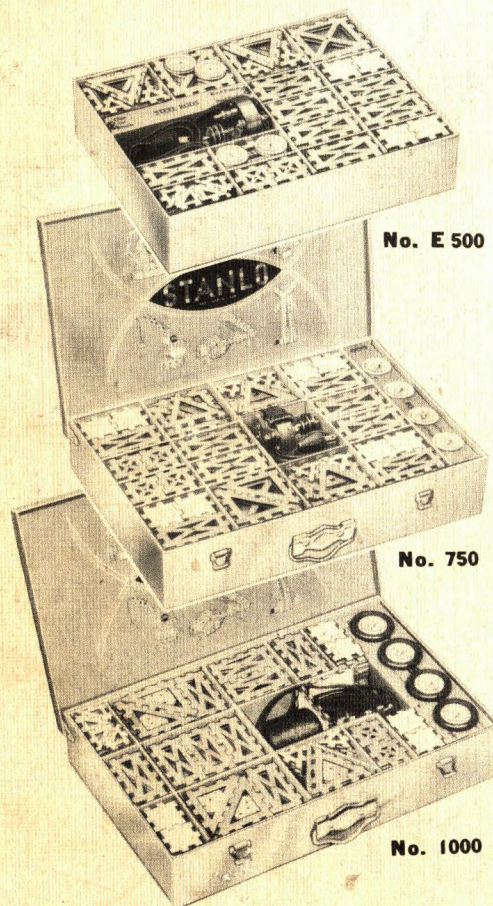


Trolley Car



Steamship

STANLO WITH ELECTRIC MOTORS



STANLO No. E 500 — Price \$5.00

Engineering Set with Electric Motor — New, Modern Aluminum Finish on STANLO engineering parts to build crane hoists, derricks, steam shovels, bridges, mills — Real Models — Run by Electricity.

STANLO No. 750 — Price \$7.50

Engineering Set in Metal Box — with Electric Motor — More STANLO engineering parts in New, Modern Aluminum finish — builds realistic models of Merry-Go-Rounds, Aeroplane Sky Rides, Water Wheels, Bridges, etc.

STANLO No. 1000 — Price \$10.00

Engineering Set in Metal Box with Powerful STANLO Universal Electric Motor and Instant Finger-Tip Control — Engineering parts in Modern Aluminum Finish. Builds more feature

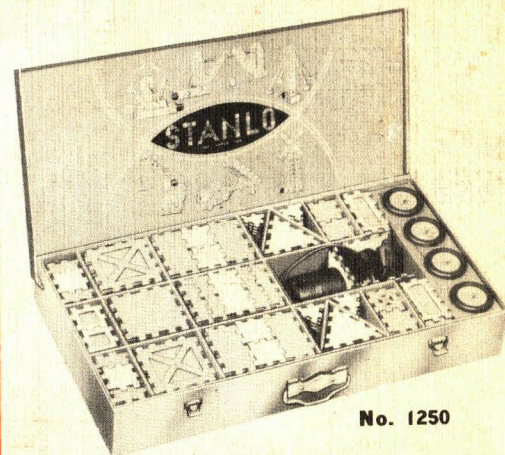
models — more Electric Power under Finger-Tip Control.

STANLO No. 1250 — Price \$12.50

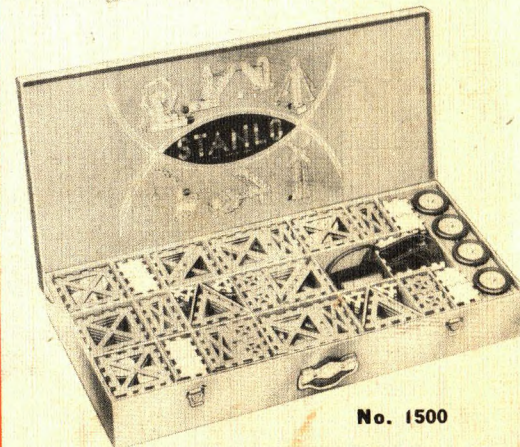
Master Set in Four Brilliant Colors — In Metal Box with Powerful Universal Electric Motor and Instant Finger-Tip Control — Builds spectacular models of Colorful Ferris Wheel, Giant Airplane Swing, Armored Trucks, Castles with Draw Bridges — all electrically operated.

STANLO No. 1500 — Price \$15.00

Master Engineering Set — In Metal Box — Powerful Universal Electric Motor — Instant Finger-Tip Control — Modern, Aluminum Finish — many more engineering parts to build Wonders of Steel Age — Chicago World's Fair Sky Ride — Huge Electric Tower



No. 1250



No. 1500