

. Contains full description of all

Models that can be built with

PATENTED IN CANADA JULY 29, 1913

U. S. PATENT APPLIED FOR

Outfit No. 0, of The American Model Builder

Manufactured by The American Mechanical Toy Co., Dayton, Ohio. U.S. A.

MADE IN U.S.A.



The AMERICAN MODEL BUILDER

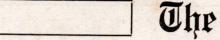
MAKES MECHANICS EASY

WORKING MODELS OF THE WORLD'S MECHANICAL WONDERS CAN BE BUILT BY ANY BOY—THE MOST FASCINATING AND INSTRUCTIVE OUTFIT EVER INVENTED

MANUFACTURED BY

THE AMERICAN MECHANICAL TOY COMPANY DAYTON, OHIO, U. S. A.

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The American Model Builder

To Strengthen the Mind is to Exercise not Rest-Pope



HE AMERICAN MODEL BUILDER is designed to teach the boy the first steps in practical mechanics. Each part in this outfit is a miniature machine part, made of steel and brass, heavily nickel-plated and polished. This makes the outfit practically indestructible.

Each Pulley, Flanged and Grooved Wheel, Gear, Pinion, Bush Wheel, Eccentric Drive Wheel and Sprocket is equipped with a brass collar and case-hardened set screw which provides a positive fastening when used in any of the working models.

The beginner is advised to familiarize himself with the various parts and their names; then start to erect all the Models, beginning with Figure No. A, and take them in regular rotation until the capacity of his set is exhausted.

The American Model Builder is made in eight regular progressive sets, numbered from 0 to 7, as shown on page 24. The outfits numbered from $0\frac{1}{2}$ to $6\frac{1}{2}$ are Accessory Sets, and should only be purchased in enlarging the regular sets. If you possess a No. 0 Outfit, the purchase of a No. $0\frac{1}{2}$ Accessory Set will supply sufficient parts to convert a No. 0 into a regular No. 1 set. The No. $1\frac{1}{2}$ Accessory Outfit contains enough parts to convert a No. 1 into a regular No. 2 set, and so on. We recommend the purchase of Accessory Outfits as the boy's knowledge increases. They are furnished in a neat cardboard box, where all the parts may be kept when not in use. However, individual parts may also be purchased separately at the prices shown on page 23.

We have designed a special Motor, Transformer and Countershaft for boys desiring to operate their models by Electricity. These are by far the most efficient small devices ever offered the public, and a full description will be found on page 22.

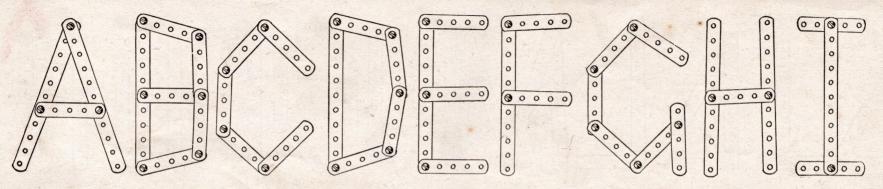
We maintain an Experimental Department at our factory where new designs and models are constantly made. We want your name and address, as well as the number of your Outfit, so that we can keep you advised from time to time of any new Models that can be built with your American Model Builder Outfit. Please fill in the blank postcard which is enclosed in your Outfit and mail to us for this purpose.

The charm and instruction in these Outfits lies in the building of original Models. To encourage inventive genius, we offer \$500.00 worth of sets as prizes for the best original Models submitted to us by April 1, 1917. In order to compete for these prizes, it is necessary to send us a photograph or sketch of any new Model built, stating the number of the Outfit with which it was made. These Models will then be submitted to three members of the Board of Directors of the Y. M. C. A. of Dayton, Ohio, and the awards made by them between April 15 and May 1, 1917.

We want every user of the American Model Builder to feel free to write us at any time when difficulties arise in the building of Models, and we will gladly give our suggestions and help.

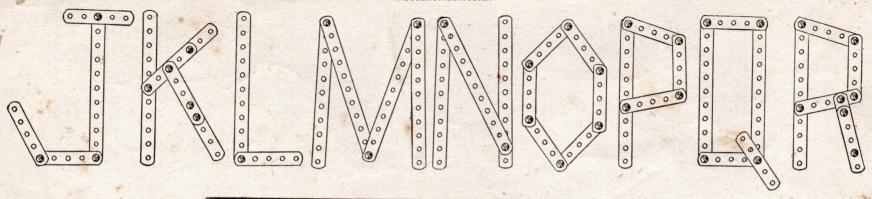
THE AMERICAN MECHANICAL TOY COMPANY

DAYTON, OHIO, U. S. A.

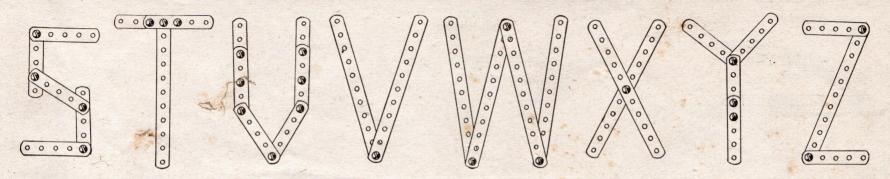


Parts Required	A	В	C	D	E	F	G	H	1
5½" Perf. Strips	2	1		1	1	1		2	1
21/2" " "	1	5	5	4	3	2	6	1	2
Nuts and Bolts	3	6	4	5	3	2	5	2	2

All Models shown on this page can be made with THE AMERICAN MODEL BUILDER Outfit No. 0.



Parts Required	J	K	L	M	N	0	P	Q	R
5½" Perf. Strips	1	1 _	1	4	3		1	2	1
21/2" " "	3	4	1			6	3	3	5
Nuts and Bolts	3	5	1	3	2	6	4	4	7

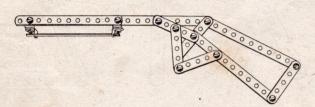


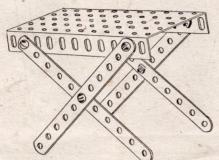
Parts Required	s	T	U	v	w	x	Y	z
51/2" Perf. Strips		1		2	4	2		1
21/2" " "	5	2	6				4	2
Nuts and Bolts	4	3	7	1	3	-1	3	2

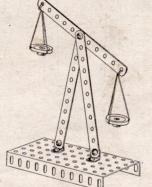
TABLE Fig. No. 02

SCALES Fig. No. 03

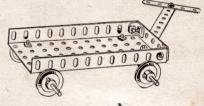






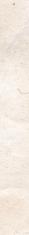


FLAT	TRUCK
Fig.	No. 04

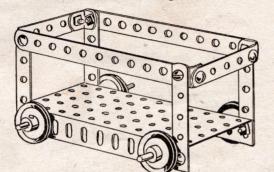


Parts Required	5½" Perf. 2½" Perf. Strip Strip	Rect. Plate	Pulley Wheel	4½" Axle Rod	Angle Brackets	Nuts and Bolts
Pistol				1	4	12
Table	. 3	1	2		2	6 5
Flat Truck	. 1 2	1	4	2	6	10

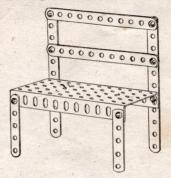
SWING Fig. No. 05



BOX TRUCK Fig. No. 06



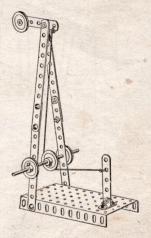
SETTEE Fig. No. 07



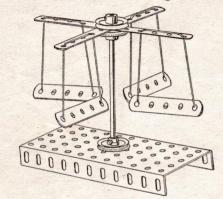
Parts Required	5½" Perf. Strip	2½" Perf. Strip	Rect. Plate	Pulley Wheel	4½" Axle Rod	Angle Brackets	Nuts and Bolts
Swing	. 4	4	1			2	12
Box Truck		6	1	4	2	4	12
Settee	. 4	2	1				8
Railway Signal	. 4	2	1	4	1	2	11

All Models shown on this page can be made with THE AMERICAN MODEL BUILDER Outfit No. 0.

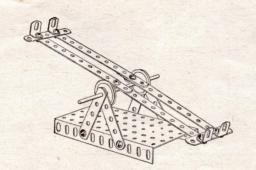
RAILWAY SIGNAL Fig. No. 08



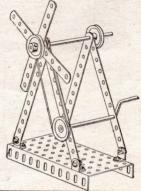
CIRCULAR SWING. Fig. No. 09



TEETER Fig. No. 010



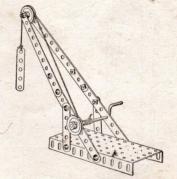
WIND MILL Fig. No. 011

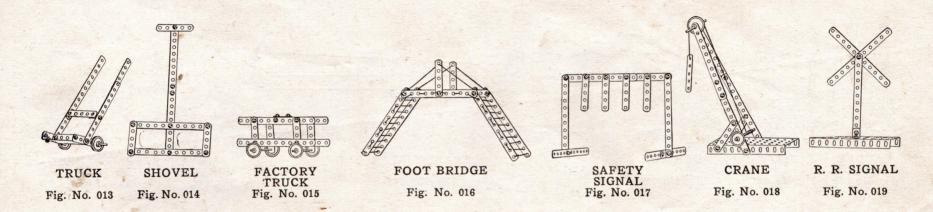


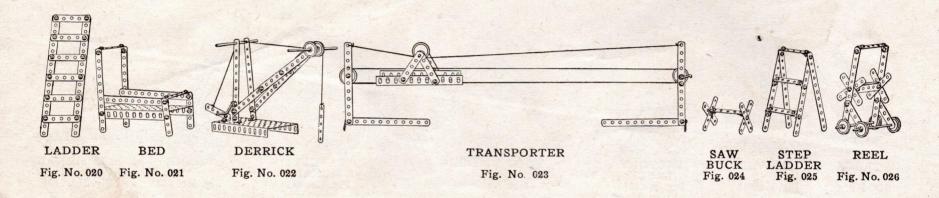
Parts Required	5½" Perf. Strip	2½" Perf. Strip	Rect. Plate	Pulley Wheel	4½" Axle Rod	Angle Bracket	Nuts and Bolts	4½" Crank
Circular Swing	2	4	1	4	1			
Teeter		6	1	2	i	6	10	
Wind Mill		4	1	4	1	4	8	. 1
Hoisting Derrick	4	3	1	2			12	î

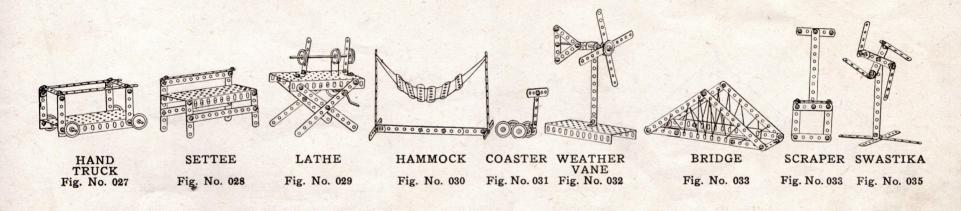
All Models shown on this page can be made with THE AMERICAN MODEL BUILDER Outfit No. 0.

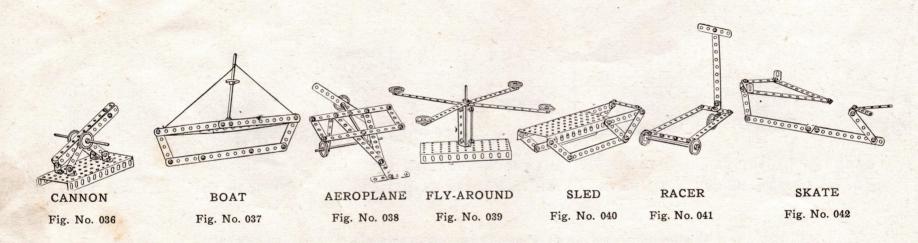
HOISTING DERRICK
Fig. No. 012







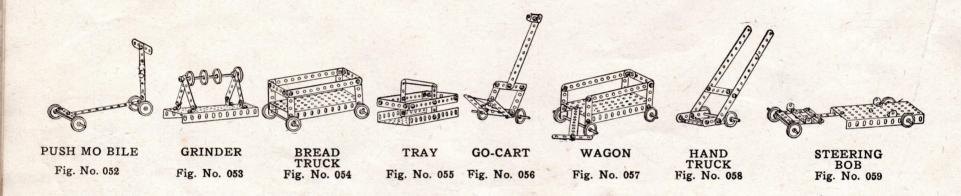




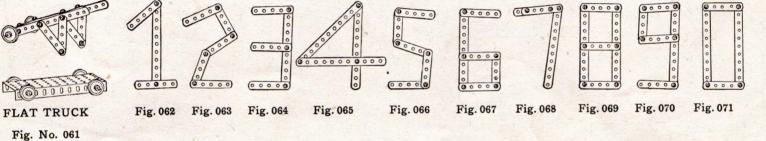
All Models shown on this page can be made with THE AMERICAN MODEL BUILDER Outfit, No. 0.

All Models shown on this page can be made with THE AMERICAN MODEL BUILDER Outfit, No. 0.

Fig. No. 043

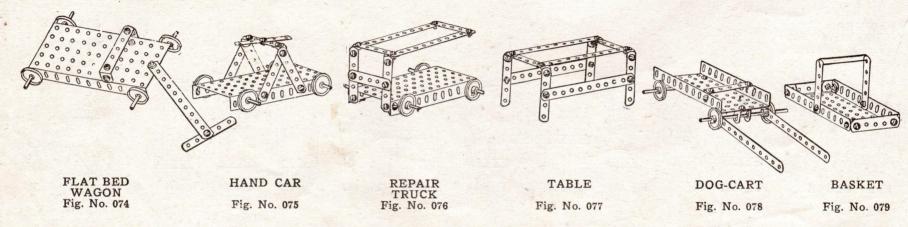


WHEEL-BARROW Fig. No. 060



BICYCLE Fig. No. 072

WALL PAPER TRUCK
Fig. No. 073



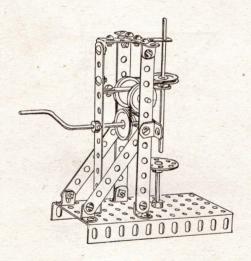
The Hoisting Derrick completes the models which may be made with The American Model Builder Outfit No. 0. By purchasing Accessory Outfit No. 0½ at 50c, 25 additional models can be made, some of which are shown on pages 17-21.

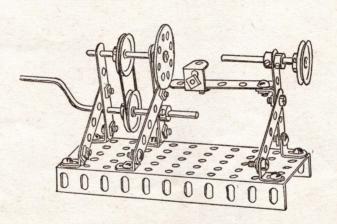
For price of separate parts and Accessory Outfits, see pages 23 and 24.

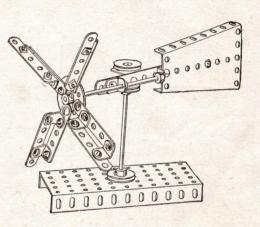
DRILL PRESS

LATHE

WEATHER VANE

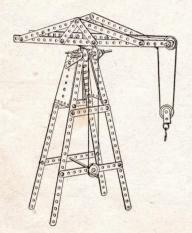




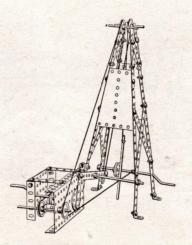


A Drill Press, Lathe and Weather Vane are some of the hundreds of models that can be made with THE AMERICAN MODEL BUILDER Outfit No. 1. See Note, page 24.

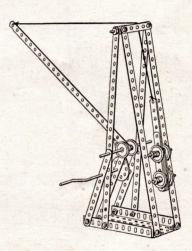
OVERHEAD ROTARY CRANE



OIL WELL DRILL

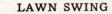


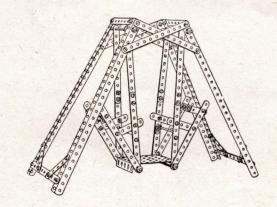
PILE DRIVER

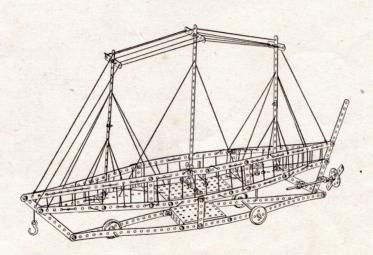


An Overhead Rotary Crane, Oil Well Drill and Pile Driver are some of the hundreds of models that can be made with THE AMERICAN MODEL BUILDER Outfit No. 2. See Note, page 24.

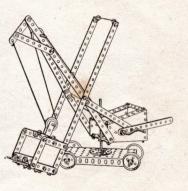
SHIP





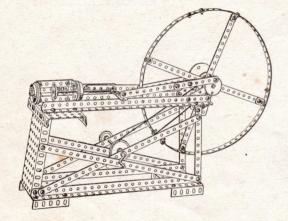




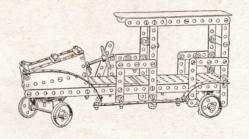


A Lawn Swing, Ship, and Revolving Scoop are some of the many models that can be made with THE AMERICAN MODEL BUILDER Outfit No. 3. See Note, page 24.

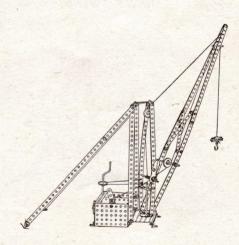
GAS ENGINE



TOURING CAR



LUFFING AND SWIVEL-ING JIB CRANE



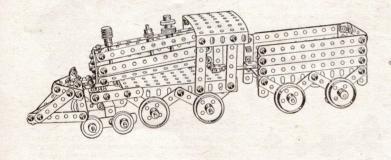
A Gas Engine, Touring Car, Luffing and Swiveling-Jib Crane are some of the hundreds of models that can be made with THE AMERICAN MODEL BUILDER Outfit No. 4. See Note, page 24.

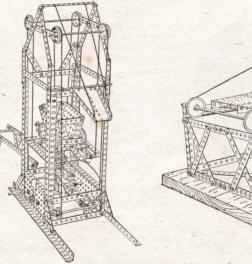
meccanoindex.co.uk

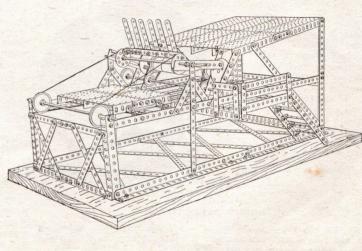
COAL ELEVATOR

PRINTING PRESS

ENGINE AND TENDER







An Engine and Tender, Coal Elevator and Printing Press are some of the more complicated Mechanical Models which can be made with THE AMERICAN MODEL BUILDER Outfits Nos. 5, 6 and 7. See Note, page 24.

MOTOR, STYLE No. 150

This Motor is especially designed for operating Models of American Model Builder Outfits and can be used in connection with our geared countershaft in operating our Models by electricity. It has three-pole armature, spring tension brushes, is equipped with a start, stop and reverse switch located in the base of Motor, stands 31/8" high, 21/4" over shaft, weighs one pound.

Price.....\$1.50



MOTOR, STYLE No. 200

No. 200 has two-pole field, cast iron frame, three-pole laminated armature, gauze wire brushes, and is equipped with start, stop and reverse switch; stands 3%" high.

rice	 \$2.00
rice	 φαισο

MOTOR, STYLE No. 225

No. 225 is the same size and finish as No. 200 Motor, has windless and also equipped with worm drive and reducing gear, and has start, stop and reverse switch.

Price.....\$2.50

MOTOR, STYLE No. 250

No. 250 has two-pole field, cast solid, form wound coils. Has start, stop and reverse switch, six-pole laminated armature, etc.; stands 41/4" high.

Price.....\$2.50

MOTOR, STYLE No. 300

No. 300 is the same size and finish as No. 250 Motor; has windlass and also equipped with worm drive and reducing gear, and has start, stop and reverse switch.

Price.....\$3.00

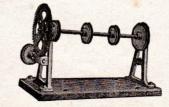
TRANSFORMER, No. 410

No. 410 Transformer is designed for operating Electric Trains, Merry-Go-Rounds, Machine Shops, etc. It is 50-Watts capacity, aircooled, and will not be injured by short circuits; has a Rheostat on the top of the Transformer, by which 4, 6, 10, 14 or 20 volts can be secured. TO BE USED ONLY WITH ALTERNATING CURBENT, 110 to 125 volts.

Price.....\$4.00



No. 350 COUNTERSHAFT



The No. 350 Countershaft will enable the owner of a small Motor to operate two or more models at the same time. The power of the Motor is increased seventy times, which makes it possible to pull heavy loads without stalling Motor. Shaft has east iron hangers, ½" Axle, supplied with three 1" and one 1½" Pulleys, all adjustable on the Shaft. Mounted on a black enameled steel base.

Price, complete.....\$0.50

PRICE LIST OF SEPARATE PARTS

No. 1. 1½" Pulley Wheelsat 10c Each	No. 24. 3" Perforated Stripsat 10c 1/2 Doz.	No. 51. Eccentric Wheels at 15c Each
No. 2. 1" " " 100 "	No. 25. 3½" " " 10c ½ "	No. 52. Oscillating Rack 15c "
No. 3. ½" " " " " " " " " " " " " " " " " " "	No. 26. 5½" " " 15c½" "	No. 53. Hooks
No. 4. 1½" Flanged Wheels" 15c "	No. 27. 12½" " " 25c ½ "	No. 54. 8" Axle Rod, rounded ends" 05c "
No. 5. 1½" Bush Wheels	No. 28. Single Bent Strips " 05c Each	No. 55. Knurled Screw Driver" 10c "
No. 6. 1½" Gear Wheels " 15c "	No. 29. Large Bent Strips " 05c "	No 56. Washer " 10c Doz.
No. 7. 1½" Crown Gears	No. 30. Double Bent Strips" 05c "	No. 57. 21/2" Angle Strips
No. 8. 34" " " " 15c "	No. 31. Large Rectangular Plates" 10c "	No. 58. 31/2" " " " 150 /2
No. 8. 34" " " 15c " No. 9. 34" Pinions " 15c "	No. 32. Small Rectangular Plates" 10c "	No. 59. 5½" " " 20c ½ "
No. 10. ½" " " 10c "	No. 33. Sector Plates	No. 60. Hanger Strip " 05c Each
	No. 34. 5½" Angle Girders	No. 61. ½" Wood Screws
	No. 04. 572 Migie Officers	No. 62. Shaft Connector
	No. 35. 12 ¹ / ₂ " " " 25c ¹ / ₂ " No. 36. 1" Sprocket " 15c Each	No. 63. 12" Rule
No. 13. 2" Axles, rounded ends	No. 37. 1½" " " 15e "	No. 64. Engine Crank "05c "
2,0,20	No. 38. Chain, 4 ft. Length	No. 65. Car Wheel " 05c "
No. 15. 4½" " " Drilled " 05c "	No. 38. Chain, 4 It. Length "10c Der	No. 66. Truck Frames "2½c"
10. 10. 0	No. 39. Angle Brackets	
No. 17. 6" " " " " 05e "	No. 40. Propeller Blades " 15c Pair	No. 67. "T" Strips
No. 18. 11½" " " " " " " " " " " " " " " " " "	No. 41. Ratchet Pawls " 10c Each	No. 68. Bolster Plates
No. 19. 4½" Cranks, rounded ends—	No. 42. Spanner and Screw Driver	No. 69. Auto Wheels
Drilled " 05c "	No. 43. Large Screw Driver" 10c "	No. 70. 3½" Flat Plate
No. 20. 5½" Cranks, rounded ends—	No. 44. Nuts and Bolts	No. 71. 5½" " " " " " " " " " " " " " " " " " "
Drilled " 05c "	No. 45. Pulley Belts " 05c Each	
No. 21. 61/6" Cranks, rounded ends-	No. 46. 13/4" Springs	No. 73. 21/4" Gear Wheel
Drilled	No 47 Blue Cord. 15 ft. 25/90	No. 77. Instruction Book No. 1
No. 22. 2" Perforated Strips " 10c 1/2 Doz.	No. 49. Green Cord, 80 ft	No. 78. Complete Manual of Instruction 25c
No. 23. 21/2" " " 10c 1/2 "	No. 50. Eye Pieces " 2½e "	No. 79. Set Screws " 10c Doz.

Any of these parts can be secured from dealers handling AMERICAN MODEL BUILDER Outfits at the above prices.

When separate parts are ordered DIRECT FROM THE FACTORY, 10% must be added to the above prices to cover postage.

When orders for separate parts amount to \$3.00 or more, we will prepay transportation charges anywhere in the United States.

THE AMERICAN MECHANICAL TOY CO., Dayton, Ohio, U. S. A.

PRICE LIST OF REGULAR AND ACCESSORY OUTFITS

	REGULAR OUTFITS		ACCESSORY OUTFITS	
	American Model Builder Outfit	0 No. 0½.	American Model Builder Accessory Outfit	\$.50
No. 2.	American Model Builder Outfit	0 No. 1½.	American Model Builder Accessory Outfit	1.00
No. 4.	The state of the s	No. 2½.	American Model Builder Accessory Outfit	1.00
	American Model Builder Outfit (No. 150 Motor Included)	0 No. 372.	American Model Builder Accessory Outfit (No. 150 Motor Included)	
No. 7.	(Packed in Oak Box) American Model Builder Presentation Outfit (No. 150 Motor Included)	No. 4½.	American Model Builder Accessory Outfit	2.50
	American Model Builder Outfit (No. 150 Motor Included)		American Model Builder Accessory Outfit	
	American Model Builder Outfit (No. 150 Motor Included) 3.00 American Model Builder Outfit (No. 150 Motor Included) 4.00		American Model Builder Accessory Outfit (Containing Sufficient Parts to Convert a No. 6 Outfit into a No. 7 Outfit)	10.00

NOTE.—Any Regular Outfit can be converted into the next larger Outfit by the addition of the Accessory Outfit bearing the half size. For example, a No. 1½ Outfit added to a No. 1 will convert a No. 1 into a No. 2. No. 11 Outfit can be converted into the next larger Outfit by adding No. 1½, No. 12 into the next larger Outfit by adding No. 3½.

Any of the above Outfits can be secured from your dealer at prices shown. Where Outfits are ordered direct from the factory, the following amounts must be added to cover packing, insurance and free delivery: REGULIAR OUTFITS—No. 0, 10e; No. 1, 15e; No. 2, 25e; No. 0, 3, 35e; No. 4, 35e; No. 6, 75e; No. 6, 75e; No. 7, \$1.00; No. 11, 25e; No. 12, 25e; No. 13, 35e. ACCESSORY OUTFITS—No. 0/2, 10e; No. 1/2, 15e; No. 1/2, 15e; No. 0, 2/2, 25e; No. 0,

If your remittance does not include the amounts specified for free delivery, shipment will be made Express Collect.



