Meccano Prize Models

MECCANO COMPANY, INC. 71 WEST 23RD ST. 46 WEST 24TH ST. NEW YORK

Price 25 Cents

A SELECTION OF THE MODELS WHICH WERE AWARDED PRIZES IN THE MECCANO COMPETITION 1915-16

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What the Inventor of Meccano thinks of the 1915-16 Competition

HIS competition has been much more successful than the last one; the entries have been more numerous, and an altogether higher standard of merit has been attained. So many excellent models have been sent in that I decided to increase both the value and number of the prizes This accounts for the prize list being such a long one.

Letters have come to me in all languages, containing expressions of warmth and gratitude towards Meccano and myself, which have touched me to the heart. Letters from bright, sturdy, intelligent boys with brains to grasp the genius in Meccano and enterprise to break fresh ground, and send in something new and different. Hundreds of letters from boys in homes and hospitals, lying on beds of sickness from which many of them, unhappily, will never rise again, charged with touching words of gratitude for the pleasure and happy hours which Meccano has given to them. Letters from lonely boys in the Western States of America, in the heart of Africa, India, Australia, and far away points of the earth which I had never heard of before, telling me how Meccano has come as a boon to them to brighten up their long winter evenings. Letters from brave young boys on the battle-front, who are living with their parents within sound and reach of the enemy's guns, sending me models of cannon, armoured trains, or of aeroplanes which fly over their heads for the purpose of either destroying or defending them.

This world-tribute to Meccano has touched me deeply, and I should like to have the happiness of meeting all my Meccano boys, to thank them and encourage them, and talk over their Meccano problems and experiences with them.

I hope that competitors who have not had the good fortune to win prizes will not feel in the least discouraged. A very large number of them show great cleverness and inventiveness, and I have no doubt whatever that many of the losing competitors in this competition will be winners in the next. The 1916-7 competition has started, and entry forms are now available. I hope to see all the old Meccano competitors and many new ones making a serious attempt for the big money prizes.

I want all Meccano boys specially this year to get the new Manual of Instructions, which is now ready. In addition to some of the best models which have been invented during the past fifteen years, I have this time included a large number of the winning models in the 1914-5 competition, and as many as I can crowd in from the 1915-6 competition. Such a book, teeming with new and wonderful things, has never been issued before. There is enjoyment and fun in every page of it, which I want every Meccano user to share.

Hank Hornby

President Meccano Co., Inc.

Meccano is the American Boy's Treasure Box

VERYTHING is possible to the Meccano Boy; his Meccano Outfit is a box of inexhaustible treasures, which he can draw on either for his hours of play, or his hours of study. If he likes to play with Cranes, or Bridges, or Wagons, and what boy does not, he can make them for himself, perfect in every detail. If he visits the Joy City, and is fascinated with the Ferris Wheel, the Helter-Skelter, or other joy structure, he can go home and build them, and play with them just like the real things. He can acquire useful knowledge in engineering, bridge-building, cloth-weaving, wood-turning, etc., in a delightful way which makes learning a pleasure. No study is necessary to do all this. The genius and knowledge and skill are all in the beautifully made Meccano parts, which need only be screwed up together, as described in the big Meccano Manual of Instructions.

To appreciate Meccano properly you must own a Meccano Manual. It tells you how to build all the models in this book, and hundreds of others besides. There is a new model for every day in the year. A large number of them are prizewinners in the Meccano Competition, all of them remarkable for ingenuity and beauty of design. It is a unique book, packed with good things for making boys happy. Included with all regular Meccano Outfits from No. 1 to No. 6, and in the No. 1a, or it can be purchased separately for 35 cents.

To be genuine your outfit must bear the trade name Meccano.

Insist on the Trade Mark Meccano, or You will be Disappointed

From Opinion

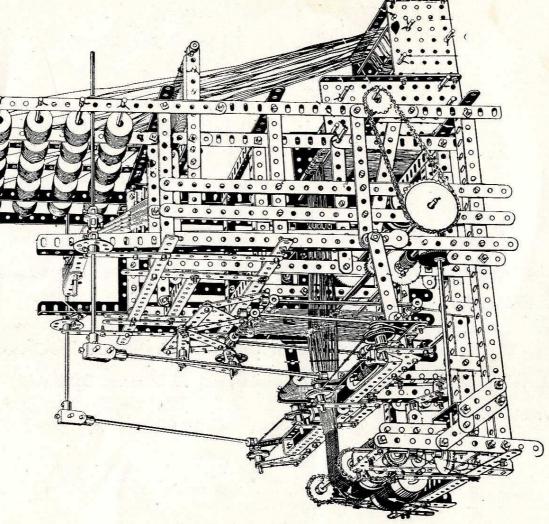
U. S. District Court, Southern District of Ohio

The toy is of great utility, of educational value, is stimulating to the imagination, appeals to a boy's creative faculties, and not only gives entertainment, but is highly instructive.

The Manual of Instructions is in reality a Key by which the really wonderful treasures contained in the various parts of Meccano Outfits may be unlocked.

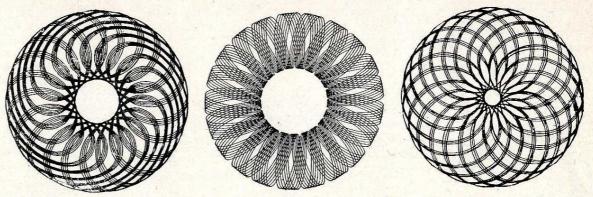
Weaving Loom

(Fully Automatic)

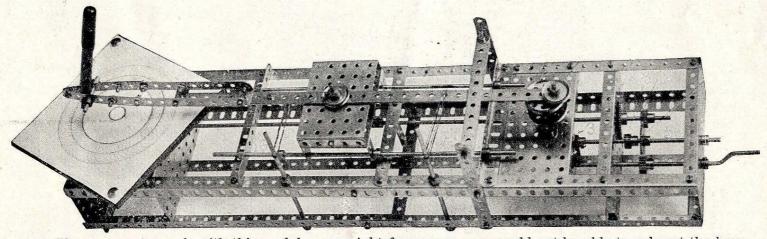


It looks and colors, just an perhaps, but with the and or conditions in the big Meccano Manual, any boy can put it together, instructions in the big Meccano Manual, any boy should make this Meccano handle first prizes in when or detail, and neckwear This wonderful loom took one of the every perfect in and colors, just as good as the automatically it will Competition. turned

The Meccanograph



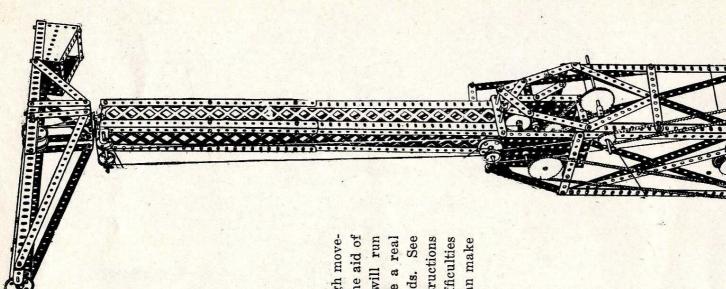
Specimen designs drawn on the Meccanograph

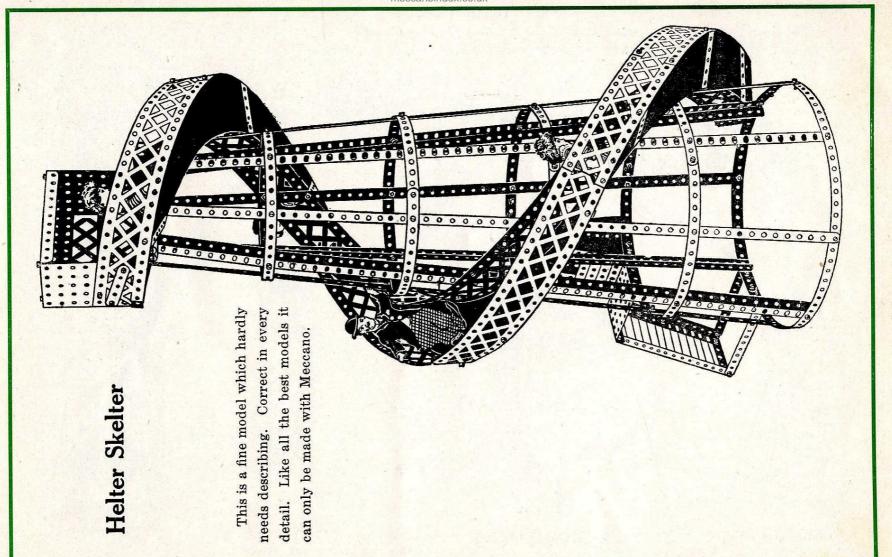


If you were to work with this model every night for a year, you would not be able to exhaust the beautiful designs which it will make. It is only necessary to fix a pencil in position on the paper and turn the handle. There are thousands of simple adjustments, and each one gives you a different design. This model illustrates the value of the special patented Meccano parts. No other material will make it, but with Meccano any boy can put it together in very quick time, and make his own beautiful designs. Full detailed instructions are given in the big Meccano Manual of Instructions.

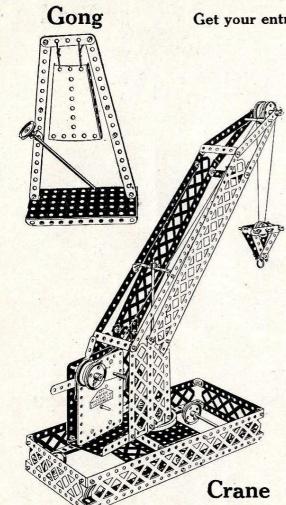
Girder Crane

Here is a crane which has enough movements to delight any boy. With the aid of the Meccano Electric Motor it will run along the ground, swivel just like a real crane, and raise and lower big loads. See the Meccano Manual for full instructions how to build it. There are no difficulties whatever, and the youngest boy can make it.



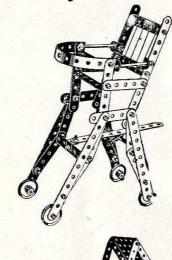


To be on right lines you must start right. Get a Meccano outfit. You cannot make these models with anything else. Automatic Weighing Machine Bed Table Field Gun **Buffers Trench** Periscope Windmill Scare Timber Drag

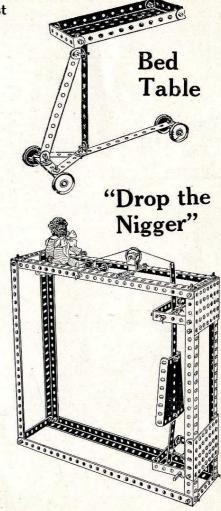


Get your entry form for the New Meccano Prize Contest

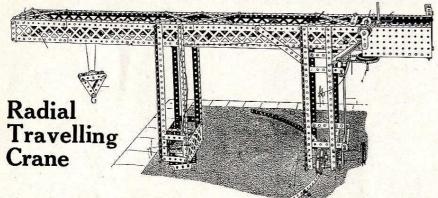


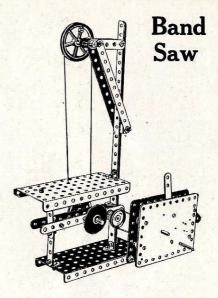




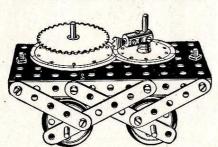


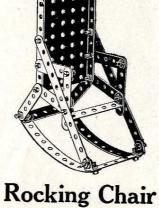
Meccano is real engineering for boys.





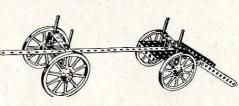
Distance Indicator





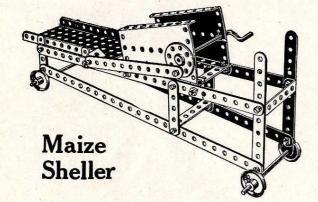


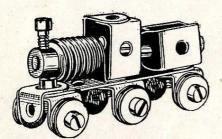
Timber Carriage



Each regular outfit is complete with all necessary parts and tools. There is nothing further to buy.

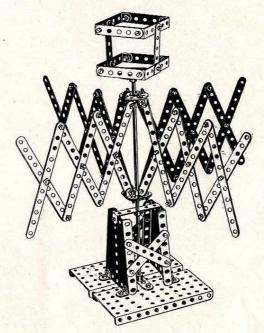


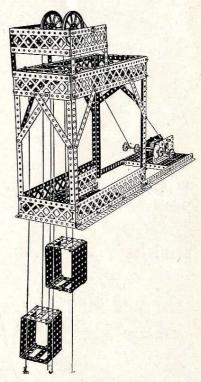




The Meccano Express

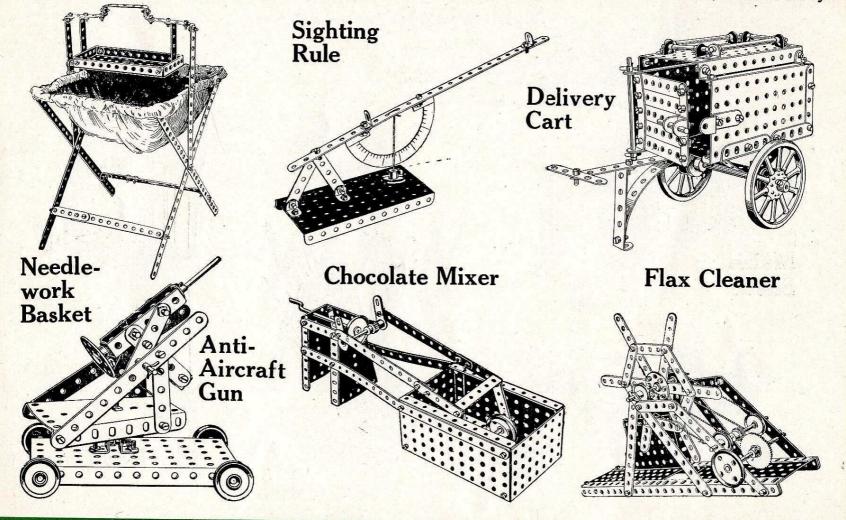
Skein Winder





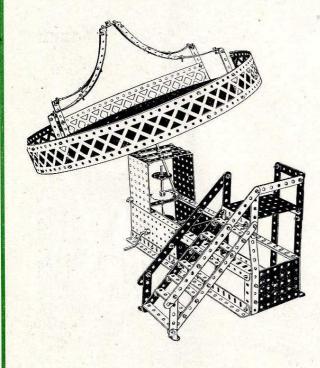
Pit Head Gear

There is no difficulty in building Meccano models. The youngest boy can commence at once, without study.

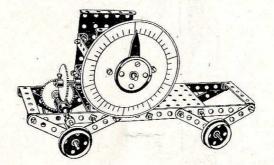


All Meccano models are built on correct engineering principles. Of no other system can this be said.

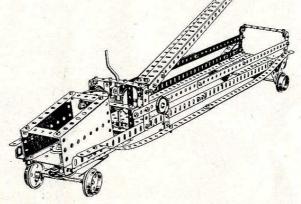
Joy Wheel



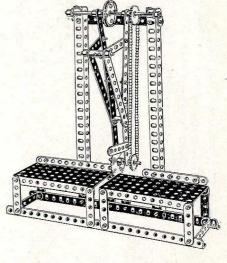
Distance Indicator

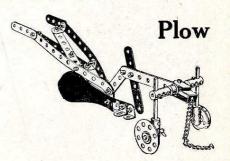


Fire Watertower

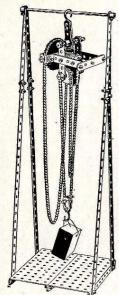


Swing Saw

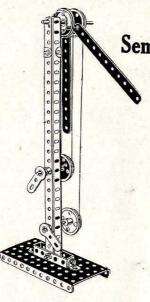




We strongly warn customers against systems which infringe our patents and copyrights. We have established our rights in the U.S. Courts, and shall vigorously proceed against any infringer.



Purchase Block

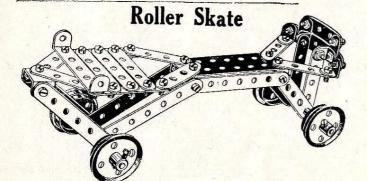


Semaphore



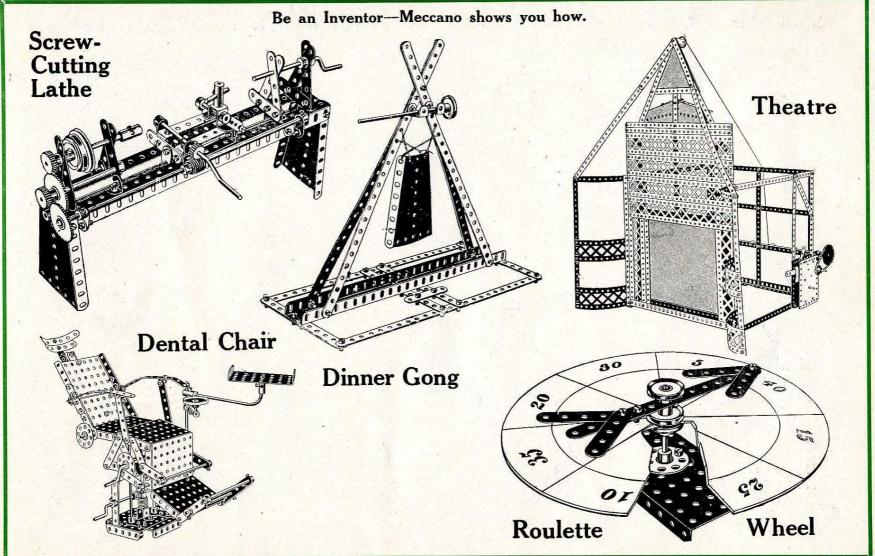
Maxim Gun



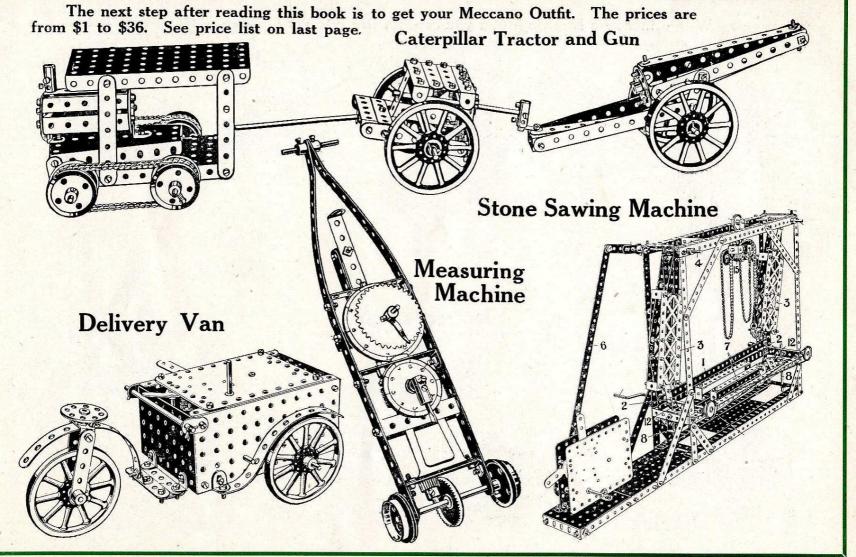




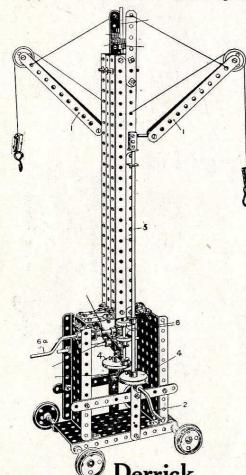
Moving Staircase

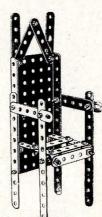


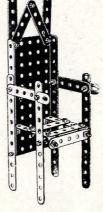
Big cash prizes are given to boys who design new models. A new Big Competition has started. Get your entry form. Bagatelle Jaunting Car Mechanical Swing Navvy Automatic Gong

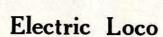


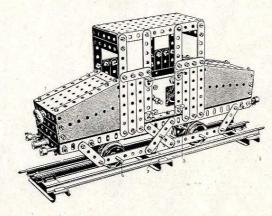
With a Meccano Electric Motor you can put life into your models. This motor is a beauty, designed specially for Meccano.

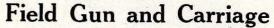


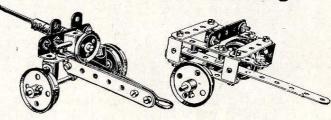


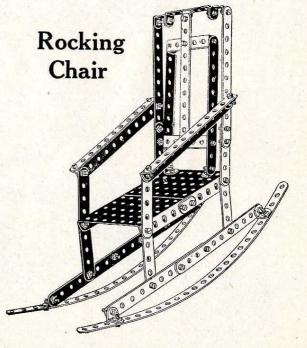












MECCANO PRICE LIST

| No. 0 | Meccano | Outfi | t | \$1.50 | No. 3X M | eccan | o Outfit | \$11 | 50 0A | Accessory | \$1.50 | Inventor's A | \$3.00 |
|-------|---------|-------|---|--------|----------|-------|----------|------|-------|-----------|------------|-----------------------|--------|
| 1 | " | " | | 3.00 | 4 | " | 46 | 15 | | " | | " B | 7.00 |
| 1X | . " | " | | 5.50 | 5 | " | 16 | 20 | 0 1 | " | | Meccano Motors, E1 | 3.00 |
| 2 | " | " | | 6.00 | | " | | | 3A | u | 6.00 | " E2 | 4.50 |
| 2X | " | " | | 8.50 | 5X | | | 26 | 00 4A | " | 5.00 | Spring Motors, S1 | 3.00 |
| 3 | " | ** | | 9.00 | 6 | ** | " | 40 | 00 5A | ** | 20.00 | Transformer | |
| | | | | | | | | | | | | (110 a, c. 60 cycles) | |



| Part | No. | | | | | Ce | ents |
|------|-------|--------|--------|------|------|-------|------|
| 1. | Perf. | Strip, | 121/2" | long | (1/2 | doz.) | 45 |
| 2. | | ** | 51/2" | 66 | | 41 | 25 |
| 3. | - (6) | 16 | 31/2" | - 44 | | " | 20 |
| 4. | - 11 | 16 | 3 " | 16 | | | 20 |
| 5. | - 11 | 41 | 21/2" | " | | a | 15 |
| 6. | 11 | 4.5 | 2 " | 64 | | | 15 |
| 6A. | - 11 | 16 | 11/2" | *" | | ** | 15 |



| 7. | Angle | Girders, | 241/2" | long, | each | 25 |
|-----|----------|----------|--------|-------|------|----|
| 7A. | prosest. | " | 181/2" | и | ** | 20 |
| 8. | - 11 | " | 121/2" | " 1/2 | doz. | 60 |
| 9. | " | " | 51/2" | ** | ** | 45 |



| 10. | Flat | Brack | kets | 1/2 | doz. 0 |
|-----|------|-------|------|---------|--------|
| | | | | | |



| 11. | Double Brackets each | 03 |
|-----|----------------------|----|
| | 9 | |
| 12. | Angle Brackets doz. | 12 |

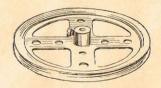


12A. Angle Brackets, 1" each 05

| | | Appendix | A TO THE PARTY OF | organization and the | NAME OF STREET | N/S | N/A | d | | | | |
|------|------|----------|---|----------------------|----------------|-----|-----|---|--|----|-----|----|
| 13. | Axle | Rod. | 111/2" | long | | | | | | ea | ach | 10 |
| 13A. | | | | | | | | | | | | 10 |
| 14. | " | | 6" | 1.0 | | | | | | | | 5 |
| 15. | " | ** | 5" | 4.4 | | | | | | | | 5 |
| 15A. | 66 | 46 | 41/2" | * ** | | | | | | | ** | 5 |
| 16. | " | ** | 31/2" | " | | | | | | | 46 | 5 |
| 17. | " | | 9" | | | | | | | | 66 | 2 |
| 18A. | " | ** | 1" | 14 | | | | | | | 64 | 2 |



19. Crank Handles each 10

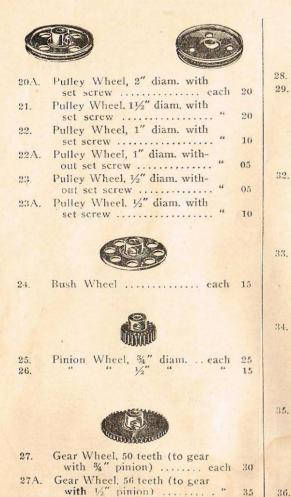


19A. Pulley Wheel, 3" diam. with centre boss and set screw, each 25

19B. Wagon Wheels, 3" diam. ... " 20



20. Flanged Wheel each 25





Spring Clip, per box doz. 15

36.



| 47. | Dynometer (tension) each 1.50 | 58. | Spring Cord, per length each 30 | | | |
|-------------|--|-------------------------|--|--------------------------|--|----------------------|
| 50, | Eye Piece | | | 63A. | Octagonal Coupling each | 20 |
| | | 59, | Collar and Set Screw " 05 | | | |
| | | 60. | Bent Strip, 2½" long ½ doz. 20 Double Angle Strip, 1½" long " 18 | 63 B. | Strip Coupling " | 20 |
| 52. | Perf. Flanged Plate, 5½"x2½" * 25 | 60 A. 60 B. 60 C. | Bent Strip, 31/2" long " 25 | 64, 65, | | 06 10 |
| 5 3. | Perf. Flanged Plate, 3½"x2½" " 20 | | | 66, 67, 68, 69, | Weight, 50 grms, " 25 " " Wood Screws, ½" doz. Set Screws " | 20 15 10 10 |
| | | 61. | Windmill Sail each 10 | 69A. | | 10 |
| 54. 56. | Perforated Sector Plate 20 Manual of Instructions 35 | 62. | Crank | | | |
| 56A. | Instruction Manual, No. 2 " 35 | 62A | Threaded Crank 15 | | 00000 | |
| 57. 57A. | Hook " 02 Hook (Scientific) " 02 | 63. | Coupling " 15 | 70. 72. | Flat Plates, 5½"x2½" each 2½"x2½" | 15 |

Communication

| 80. | Screwed | Rods, | 5" | eac | h 15 |
|-----|---------|-------|----|-----|------|
| 81. | " | 66 | 2" | | 10 |
| 82. | ** | ** | 1" | | 05 |



| 90. | Curved | Strip, 2 | 1/2" | ½ doz. | 25 |
|-----|--------|----------|------|------------|----|
| 94. | | | | per yard | |

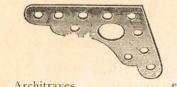


| 95. | ** | Wheel, | 2" | each | 25 |
|-----|----|--------|----|----------|----|
| 96. | 46 | 66 | 1" | " | 20 |

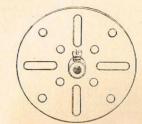


Braced Girder 31/" long 16 doz 20

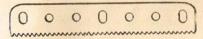
| 34. | Braced Order, 372 1011g 72 doz. | 20 |
|------|-----------------------------------|----|
| 98. | " " 2½" " " | 15 |
| 99. | " " 12½" " " | 75 |
| 100. | " " 5½" " " | 50 |
| 101. | Healds for Looms doz. | 45 |
| 102. | Single Bent Strip for Looms, each | 05 |
| 103. | Perforated Flat Girder Strip, | |
| | 5½" long " | 10 |
| 104. | Shuttle each | 50 |
| 105. | Reed Hook " | 05 |
| 106. | Roller " | 15 |
| 107. | Tables for Designing Machines " | 25 |
| | | |



| 108. | Architraves | each 09 |
|------|-------------|-------------|



| 109. Face | Plate | | | " | 20 |
|-----------|-------|--|--|---|----|
|-----------|-------|--|--|---|----|

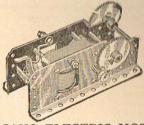


| 110. | Rack | Strip, | 31/2" | . " 1 |
|------|------|--------|-------|-----------|
| | | | | |

| 111. | Bolt, | 3/4" | 02 |
|------|-------|------|---------|
| | | | 1000000 |



| 112. | Double Angle Strip, 21/2"x1 | 1/2" " | 06 |
|-------|-----------------------------|--------|----|
| Brusl | hes and Springs for Electr | ic | 40 |
| | Motor per | pair | 40 |



MECCANO ELECTRIC MOTORS

The best way to operate Meccano models. Side plates are perforated with equidistant holes so that motor can be built into model.



TRANSFORMER

For alternating current only. Specially designed for Meccano motor.

Transformer for 110 a. c. 60 cycles ... \$3.25

SPRING MOTOR

No. 1 \$3.00

Ask your dealer for outfits and parts. If he cannot supply you, send money order or stamps direct to Meccano Company, Inc., 46 West 24th St., New York City, and we will ship postage prepaid, providing order is not less than \$1.00.



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