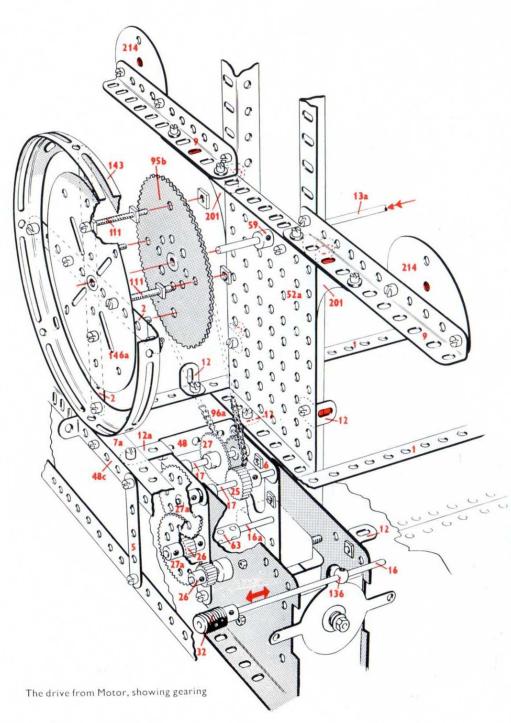
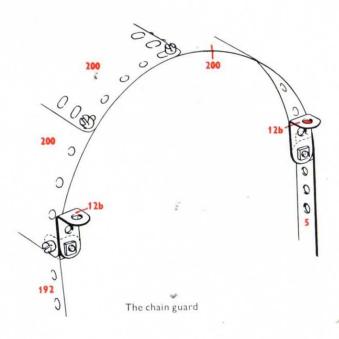
10.25 High-Speed Press

This Meccano model of a High-Speed Press is based on equipment in common use in industry where it is employed to stamp repetition components from strip steel or tinplate. The metal strip is fed into the press from a reel and passes over two rollers. These are power driven, and by turning intermittently, carry the strip through the press. In the model, the punching device consists of three rods which rise and fall vertically and mate with holes in the work table. The punching motion is actuated by means of an eccentric drive from the main shaft. This shaft, on one end of which is a heavy flywheel, is driven by a Meccano E15R Electric Motor. At the other end of the main shaft a crank mechanism converts the rotary motion of the shaft into the reciprocal motion required to actuate the intermittent motion of the feed rollers.





How to use this leaflet

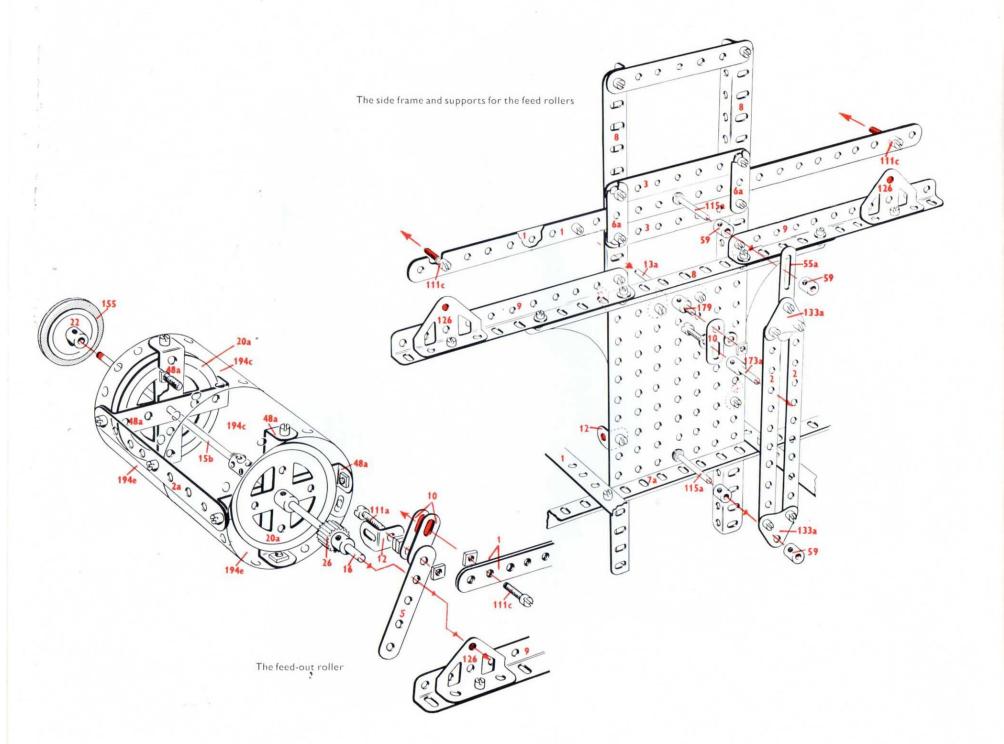
The constructional details of the model shown in this Leaflet are explained entirely by means of half-tone illustrations and line drawings. Once the 'knack' of reading the drawings has been acquired assembly of the model will be found quite straightforward and simple to carry out.

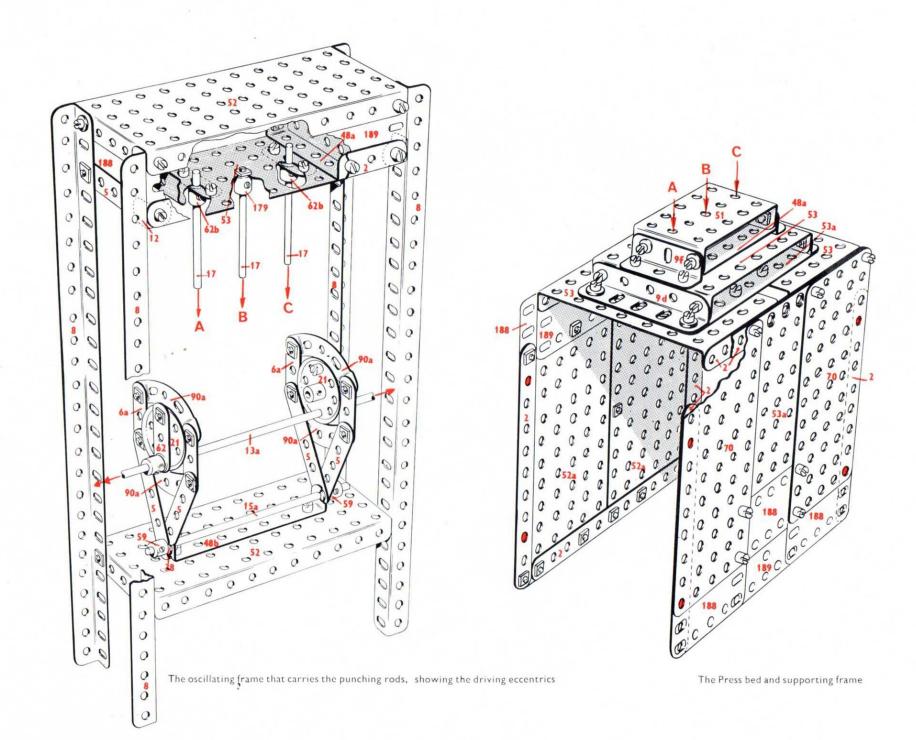
Before starting to build the model it is advisable to study all the illustrations carefully so as to get a good idea of its various sections. Points at which various units of the model are bolted together to form the complete structure are indicated in the drawings by RED DOTS or RED BOLTHEADS whenever possible.

The particular parts used in the assembly of the model can in most cases be identified simply by looking at the illustrations, but where the identity of a part may not be quite clear, its Part Number is printed on the model illustrations in RED. RED DOTTED pointer lines are used to indicate parts that are hidden behind other parts of the structure.

As a further help a list of the parts required to build the model is given in this Leaflet. In this list the catalogue numbers of the parts are printed in RED and the quantity of each part in BLACK.

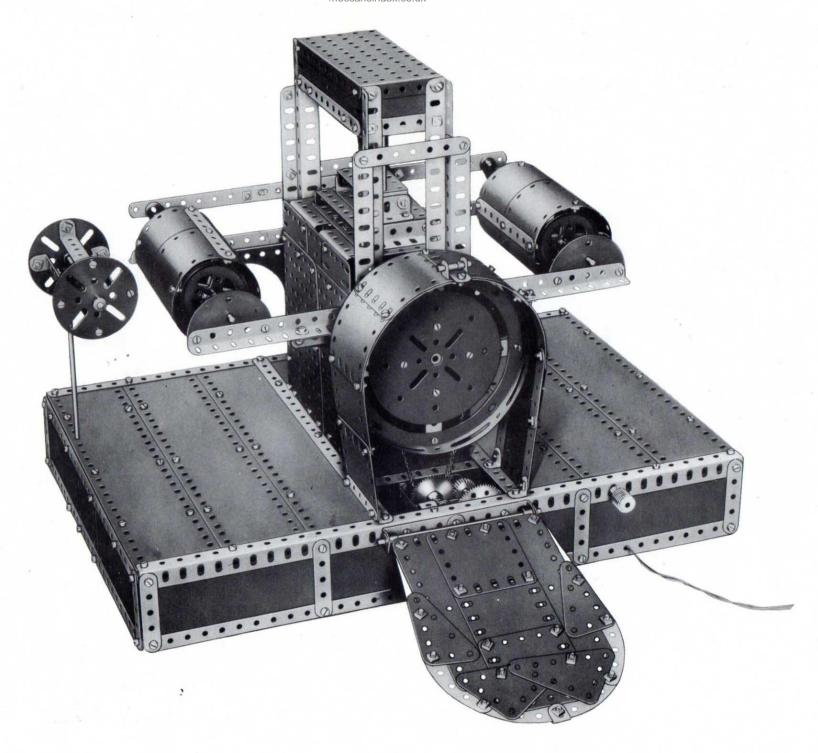
In models fitted with a driving Motor the particular type of Motor is indicated by one of the following Code Marks: M1 = Magic Clockwork Motor; M2 = No. 1 Clockwork Motor; M3 = Meccano Electric Motor.

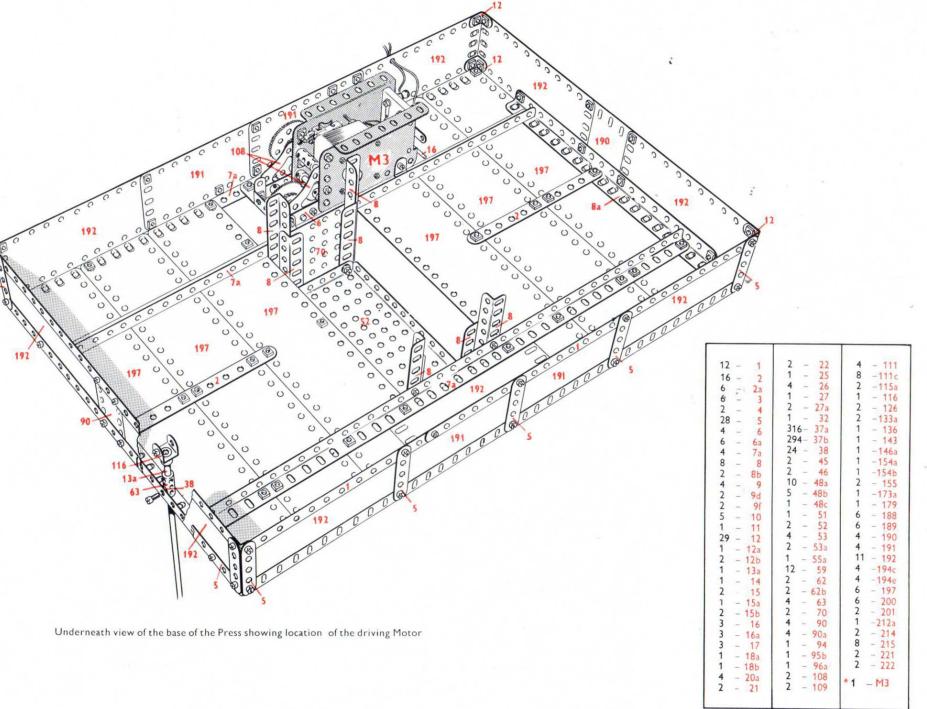




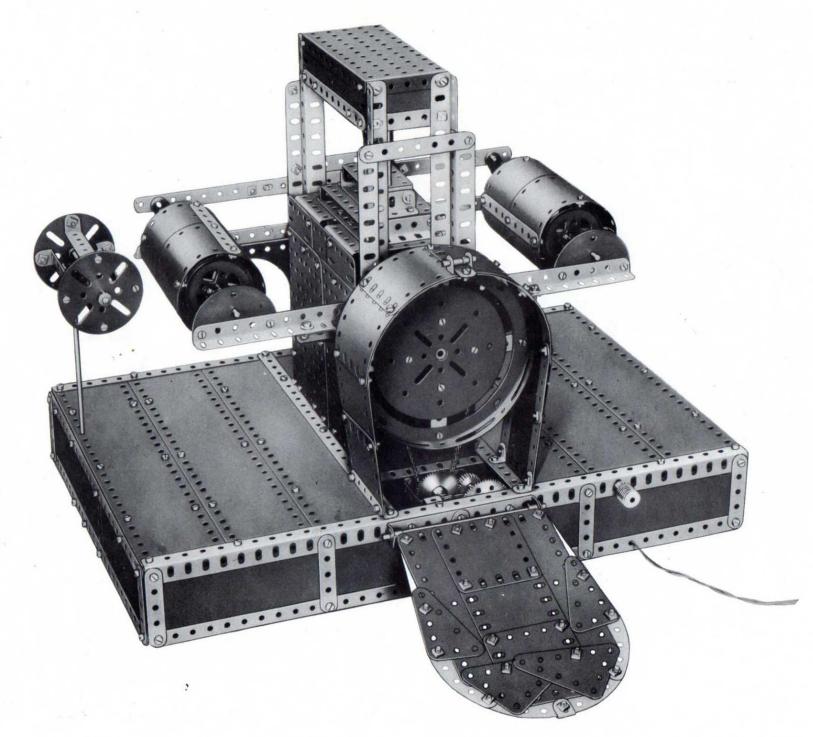
111 / 12 / 12 / 12 / 12 / 12 / 12 / 12	200000000000000000000000000000000000000		
Underneath view of the base of the Press showing location of the driving Motor	12 - 1 16 - 2 6 - 2a 6 - 3 2 - 4 28 - 5 4 - 6 6 - 6a 4 - 7a 8 - 8 2 - 8b 4 - 9 2 - 9f 5 - 10 1 - 11 29 - 12 1 - 12a 2 - 12b 1 - 13a 1 - 14 2 - 15 3 - 16 3 - 16a 3 - 17 1 - 18a 1 - 18b 4 - 20a 2 - 21	2 - 22 1 - 25 4 - 26 1 - 27 2 - 27a 1 - 32 316- 37a 294- 37b 24 - 38 2 - 45 2 - 46 10 - 48a 5 - 48b 1 - 48c 1 - 51 2 - 52 4 - 53 2 - 53a 1 - 55a 12 - 59 2 - 62 4 - 63 2 - 70 4 - 90 4 - 90 4 - 90 4 - 90 5 - 90 6 - 90 6 - 90 6 - 90 7 - 95 8 - 90 9	4 - 111 8 - 111c 2 - 115a 1 - 116 2 - 126 2 - 133a 1 - 136 1 - 143 1 - 146a 1 - 154a 1 - 154b 2 - 155 1 - 173a 1 - 1779 6 - 188 6 - 189 4 - 190 4 - 191 11 - 192 4 - 194c 4 - 194c 4 - 194c 4 - 194c 4 - 197 6 - 200 2 - 201 1 - 212a 2 - 214 8 - 215 2 - 221 2 - 222 * 1 - M3

Not included in set





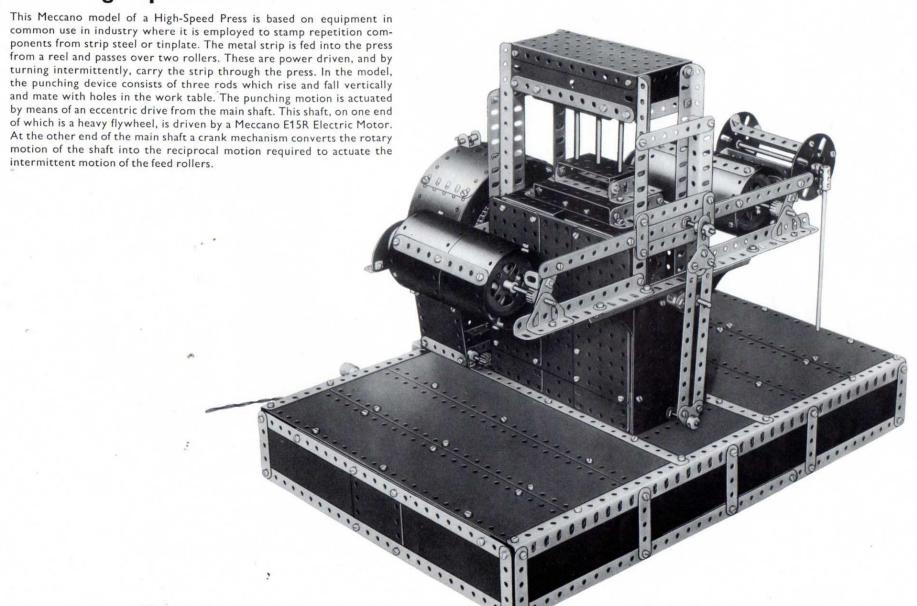
* Not included in set



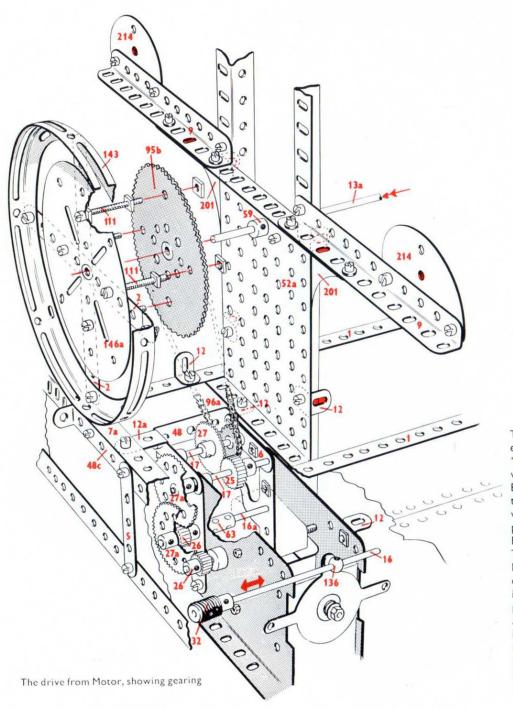
MECCANO. Special Model Leaflet

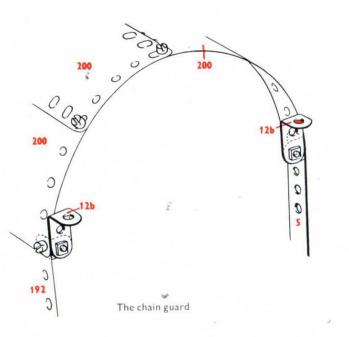
Leaflet No. 25

10.25 High-Speed Press









How to use this leaflet

The constructional details of the model shown in this Leaflet are explained

The constructional details of the model shown in this Leaflet are explained entirely by means of half-tone illustrations and line drawings. Once the 'knack' of reading the drawings has been acquired assembly of the model will be found quite straightforward and simple to carry out.

Before starting to build the model it is advisable to study all the illustrations carefully so as to get a good idea of its various sections. Points at which various units of the model are bolted together to form the complete structure are indicated in the drawings by RED DOTS or RED BOLTHEADS whenever possible.

The particular parts used in the assembly of the model can in most cases be identified simply by looking at the illustrations, but where the identity of a part may not be quite clear, its Part Number is printed on the model illustrations in RED. RED DOTTED pointer lines are used to indicate parts that are hidden behind other parts of the structure.

As a further help a list of the parts required to build the model is given in this Leaflet. In this list the catalogue numbers of the parts are printed

in this Leanet. In this list the catalogue numbers of the parts are printed in RED and the quantity of each part in BLACK.

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