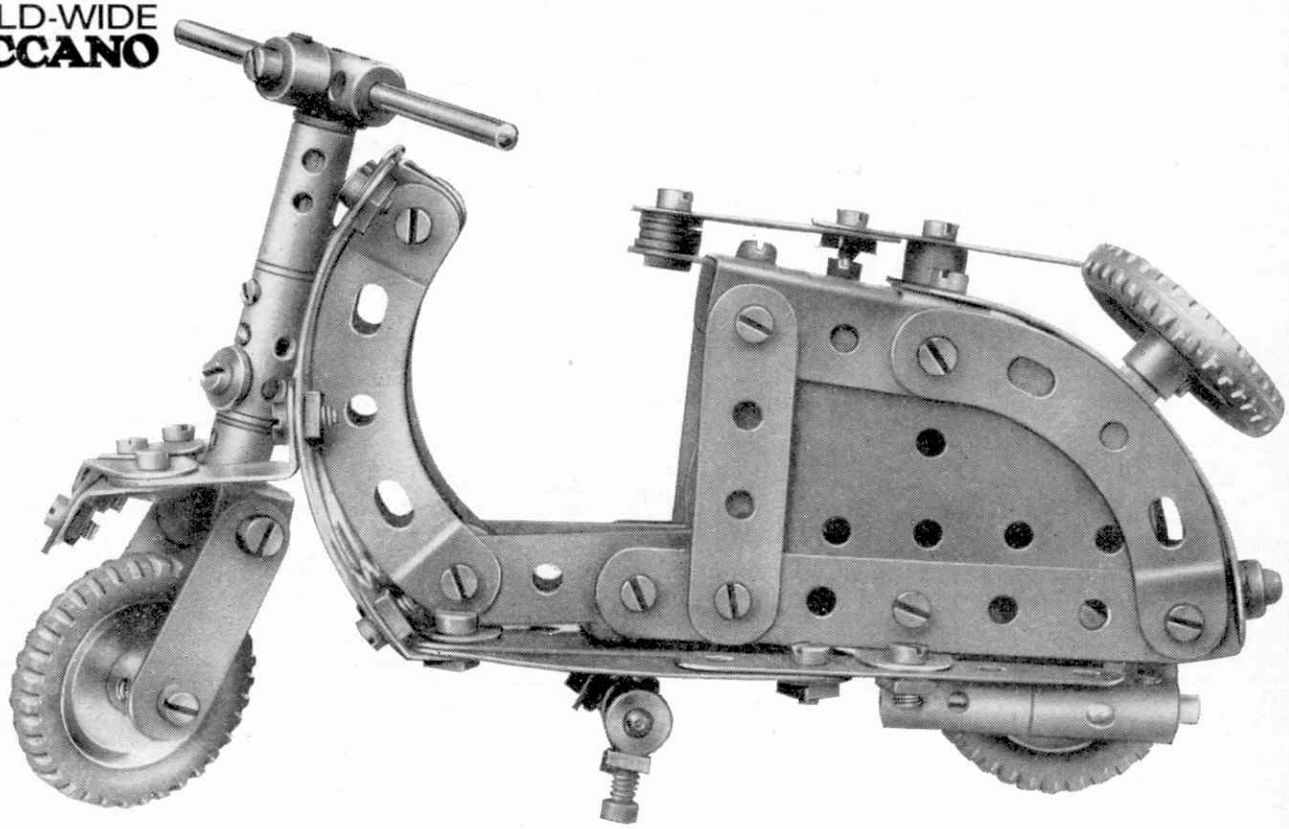
WORLD-WIDE
MECCANO



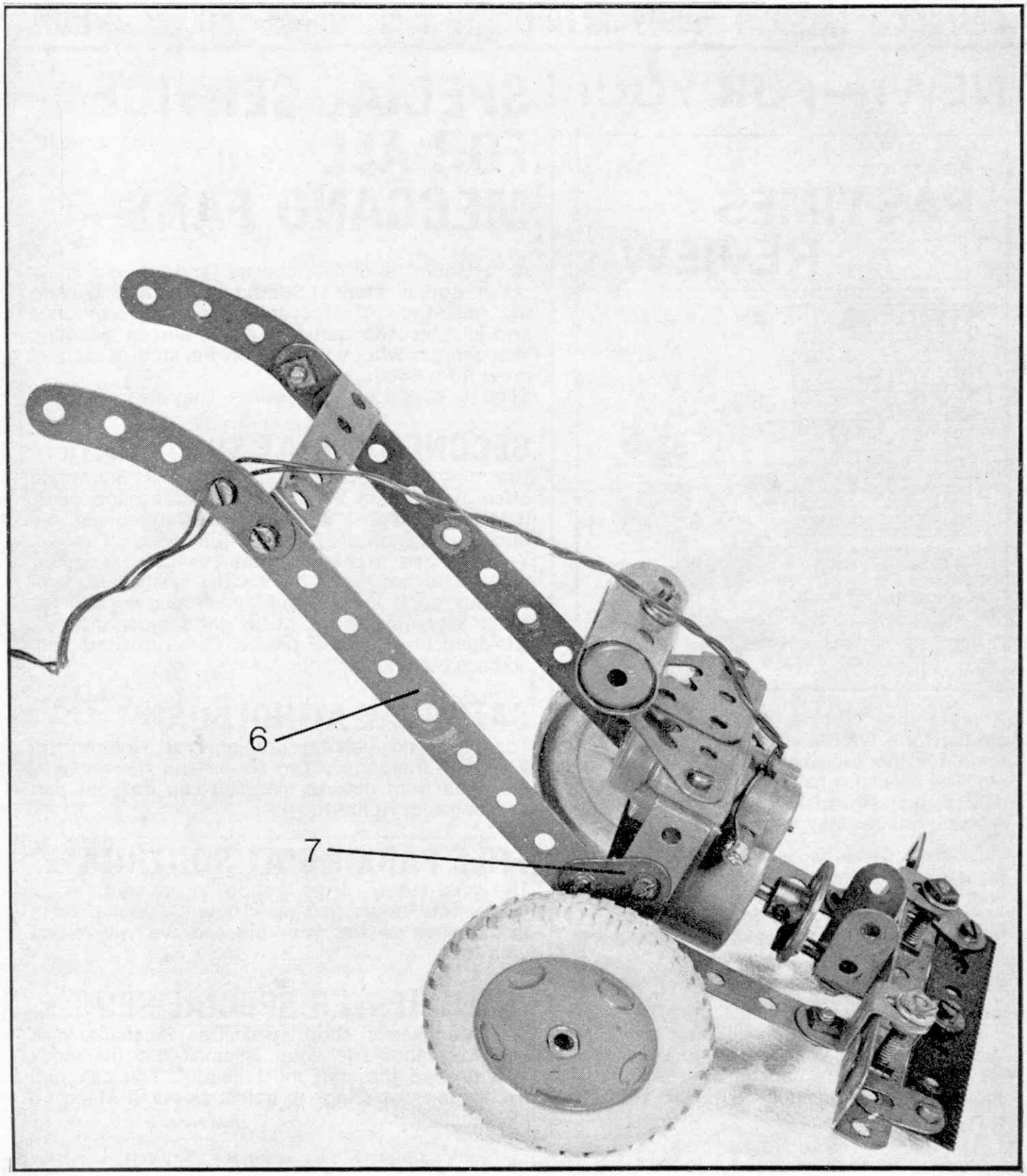
A neat Italian scooter from India

There's no end to what Meccano will do! Just look at the ingenious way a Meccano enthusiast in India made this perfect model of a Lambretta scooter, with every detail just right!
This is yet another of the marvellous models that are made by Meccano enthusiasts round the world. Original, ingenious; simply clever or cunningly detailed; practical, entertaining, educational . . . lots of descriptions apply to these masterpieces, and you can build them for yourself.
If you are already a Meccano enthusiast, you'll know what we're talking about, and how to extend your Meccano with the conversion sets. But if you have yet to discover the thrills of building with Meccano, there are ten fabulous sets that you should know about . . . from 15/3. (If dad's a Stockbroker, we have one set at £56.10.0.) These are complete with instructions for making hundreds of models that really work.

We should like you to write about any models you've made which you think would be of interest to other Meccano enthusiasts round the world. Please send photographs and descriptions to Meccano Ltd., Binns Road, Liverpool 13.

THE WORLD'S GREATEST CONSTRUCTIONAL TOY

Three Simple Models by 'Spanner'



SINCE this is the last issue of the Magazine, we felt that three smaller models of the type we have been describing to readers for many years would be most appropriate, and we therefore show the construction of a Revolving Travelling Crane, built from the Junior Set, a Motor Scythe that uses the Emebo Motor, and a Lorry built from the Play-Set. Each of these three models is quite simply built, and we trust that our readers find them of interest, in this the final article in the series. May we also thank all Meccano enthusiasts for the interest and support they have given over the years.

Revolving Travelling Crane

Build the gantry first by bolting to each side of a 5½ in. by 2½ in. Flanged Plate 1, two 5½ in. Strips 2 and a 5½ in. by 1½ in. Flexible Plate 3. In the last hole but one in each of the 5½ in. Strips forming the 'legs', fasten the Double Angle Strip 4. A 3½ in. Rod is placed in the end holes of each pair of Strips and one of these has two 1 in. Pulley Wheels secured to it whilst the other has one 1 in. Pulley Wheel and a 1 in. loose Pulley Wheel, held in place by a Spring Clip. A Bush Wheel 5 has two Trunnions bolted in the diagonally opposite holes, and to the flanges of these Trunnions are bolted two 2½ in. Strips 6 and 7 and a Flat Trunnion 8. The Strips 6 are extended by Cranked Curved Strips 9 that support a 1 in. Rod carrying the 1 in. loose Pulley Wheel 10. The Bolt joining these Strips together also holds the Angle Brackets to which are bolted two Fish Plates fastened together in the shape of a 'V'. Two 2½ in. by 1½ in. Flexible Plates 12 are joined together using two Fish Plates instead of Washers. These are then attached to the flanges of the Trunnions. The crane is attached to the gantry by securing a 1½ in. Rod in the Bush Wheel 5, through the centre hole in the Flanged Plate. A 1 in. Pulley Wheel is fixed to the Rod underneath the Plate, holding it in position.

The model is completed by placing a Crank Handle in the Flat Trunnion 8. A length of Cord with a Loaded Hook attached is secured to the Crank Handle.

Parts required

4 of No. 2	4 of No. 22	1 of No. 52
4 of No. 5	2 of No. 22a	1 of No. 57c
4 of No. 10	1 of No. 24	2 of No. 90a
2 of No. 12	5 of No. 35	2 of No. 126
2 of No. 16	32 of No. 37a	2 of No. 126a
1 of No. 17	32 of No. 37b	2 of No. 189
1 of No. 18a	8 of No. 38	2 of No. 194
1 of No. 19s	2 of No. 48a	

Motor Scythe

With this model, begin by bolting in the second hole from each end of a 3½ in. by ½ in. Double Angle Strip 1, a 2½ in. Strip 3 and a 1½ in. by ½ in. Double Angle Strip 2. An Emebo Motor is attached to the upper lugs of the Double Angle Strips and also two 1½ in. Corner Brackets which have a Sleeve Piece bolted to them. In this is a Nut and Bolt 5 and a Washer to represent the filler cap. Chimney Adaptors are also pressed into each end of the Sleeve Piece. The handles, made from a 5½ in. Strip 6 bolted to a 2½ in. Curved Strip are attached to the Double Angle Strips 2 by 1 in. Triangular Plates 7. Two Fish Plates 9 and a 1 in. by ½ in. Angle Bracket underneath are secured to the ends of a 3½ in. Rack Strip 8, whilst the 1 in. by ½ in. Double Bracket 11 fastened to a 1½ in. Strip is secured to the Rack Strip by the Nut and Bolt 10. A 4½ in. Angle Girder 12, placed in between the 2½ in. Strip, the 1 in. by ½ in. Angle Brackets and the Fish Plates, is attached to the ½ in Reversed Angle Brackets by ¾ in. Bolts, three Nuts and two Washers. The completed unit is now bolted to the Strips 6. A Threaded Pin is fixed to a 1 in. Bush Wheel 13 (Elektrikit Part No. 518) which is secured to the motor shaft. The lugs of the Double Bracket 11 should be bent slightly outwards so that the Rack Strip moves freely to and fro. The Road Wheels are mounted on a 4½ in. Rod placed in the Double Angle Strip 1.

Parts required

2 of No. 2	20 of No. 27b	2 of No. 111c
2 of No. 5	9 of No. 38	1 of No. 115
1 of No. 6a	2 of No. 48	2 of No. 125
1 of No. 9a	1 of No. 48a	2 of No. 133
2 of No. 10	1 of No. 48b	1 of No. 163
1 of No. 11a	2 of No. 77	2 of No. 164
2 of No. 12b	2 of No. 90	2 of No. 187
1 of No. 15a	1 of No. 110	1 of No. 518
28 of No. 37a	2 of No. 111	1 Emebo Motor

Lorry

Finally, for this small model, begin by bolting two 5½ in. Strips 1 to a 5½ in. by 2½ in. Flanged Plate 2. The 5½ in. Strips are joined together at the front ends by a 2½ in. by ½ in. Double Angle Strip 3 which supports a Trunnion 4. Now fasten the 2½ in. Strips 5 and 6 in position, so that they are supported by a further 2½ in. Strip 7. Join the cab sides together with a 2½ in. by ½ in. Double Angle Strip 8 and a 2½ in. Cranked Curved Strip 9 with an Angle Bracket bolted to each end. In the centre hole of the 2½ in. Strips 6, secure an Angle Bracket to which is attached a Cranked Curved Strip 10 and a 2½ in. Strip 11. The latter are bolted to the Trunnion 4. A 1 in. loose Pulley Wheel 12 is bolted to an Angle Bracket that is fastened to the Curved Strip 10. The front axle is journalled in a Fish Plate 13 bolted to another Fish Plate secured to the Strips 1. Two Flat Trunnions bolted to the sides of the Flanged Plate support the axle for the rear wheels. The 1 in. Pulley Wheels complete with Tyres are secured to the axles to finish the model.

Parts required

2 of No. 2	1 of No. 22a	2 of No. 90a
8 of No. 5	31 of No. 37a	1 of No. 111c
4 of No. 10	30 of No. 37b	2 of No. 126
4 of No. 12	4 of No. 38	2 of No. 126a
2 of No. 16	2 of No. 48a	4 of No. 142c
4 of No. 22	1 of No. 52