



it's the works



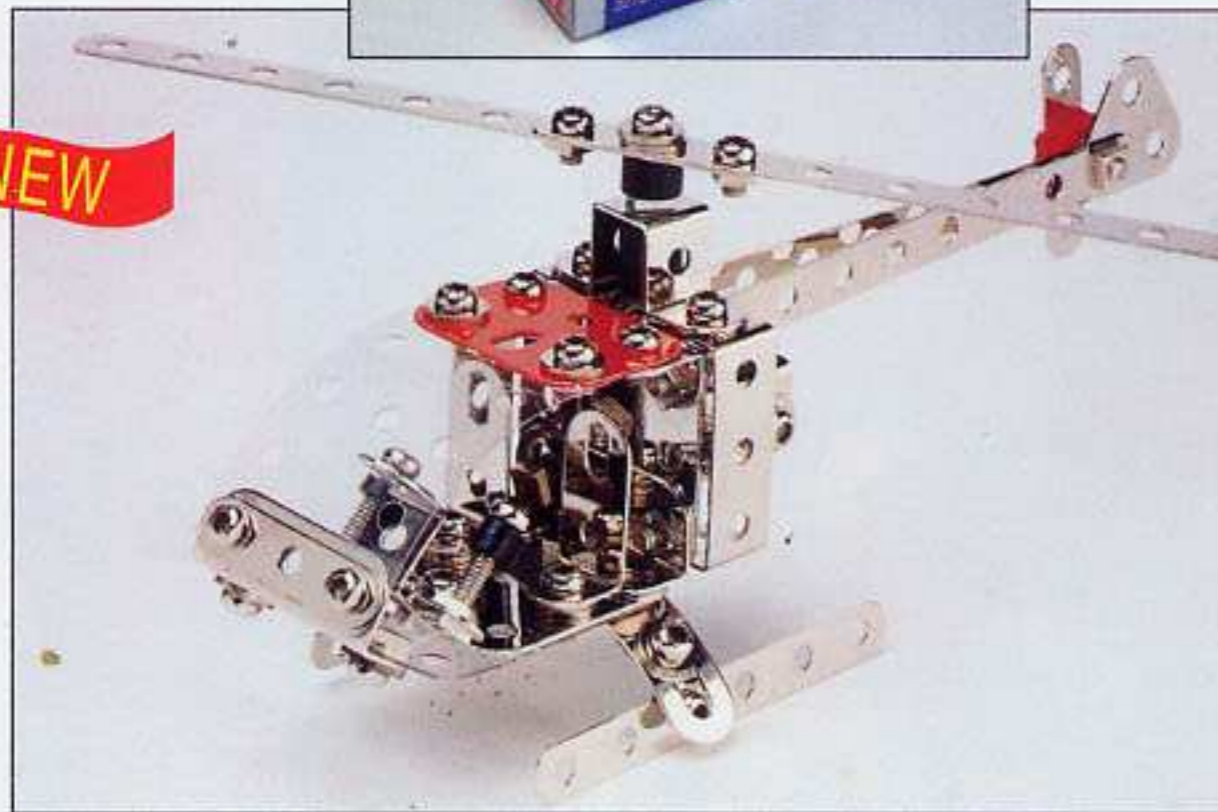
1991 sees the opening of yet another chapter in the never ending MECCANO story. MECCANO's 90th anniversary coincides with the introduction of the most important product developments for several years. Heralded by a new distinctive logo the MECCANO range continues to evolve. The use of the most modern computer aided design techniques has enabled the development of an exciting new series of models.



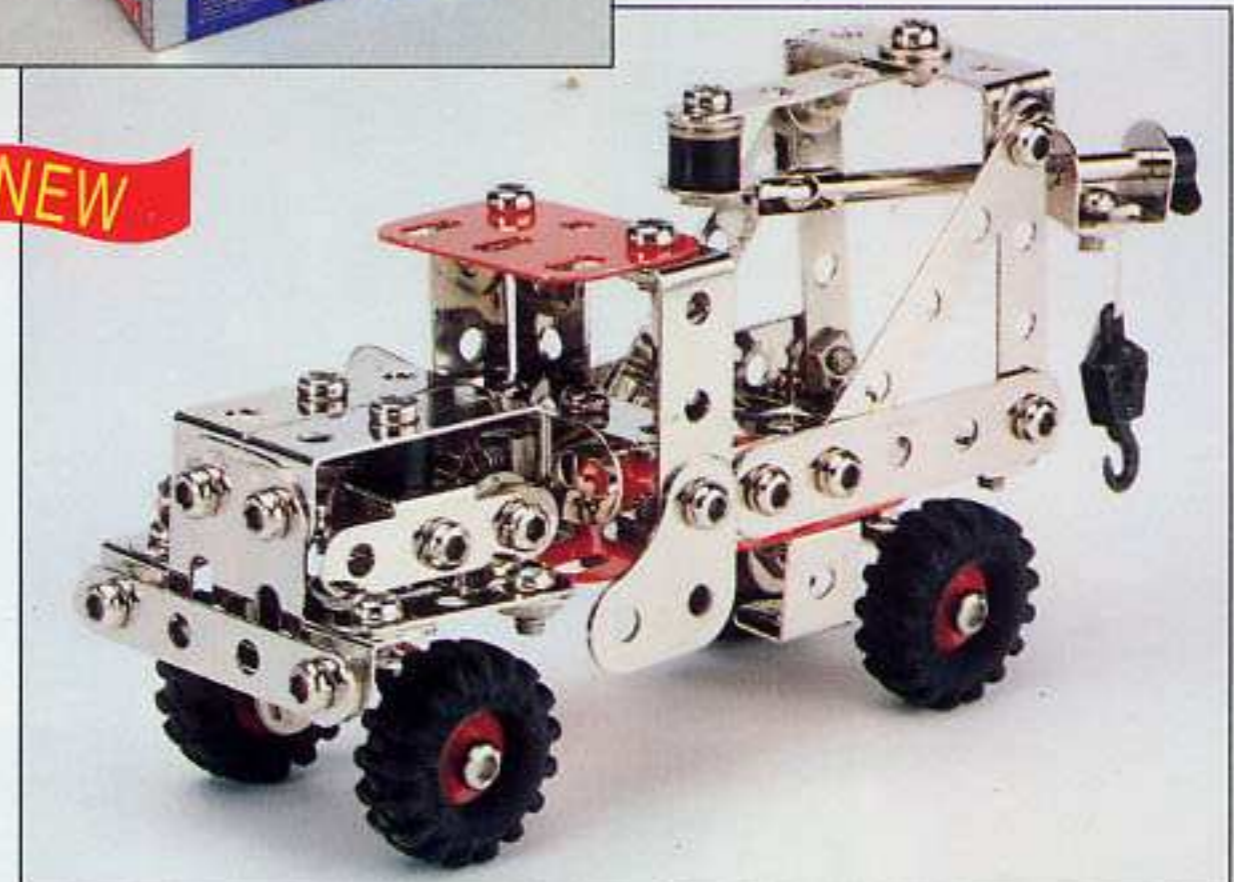
9 different sets for the 6 year old to contemplate as their introduction to the traditional metal Meccano.

For the slightly younger modeller each set uses standard metal Meccano and using simple step by step instructions builds the illustrated model.

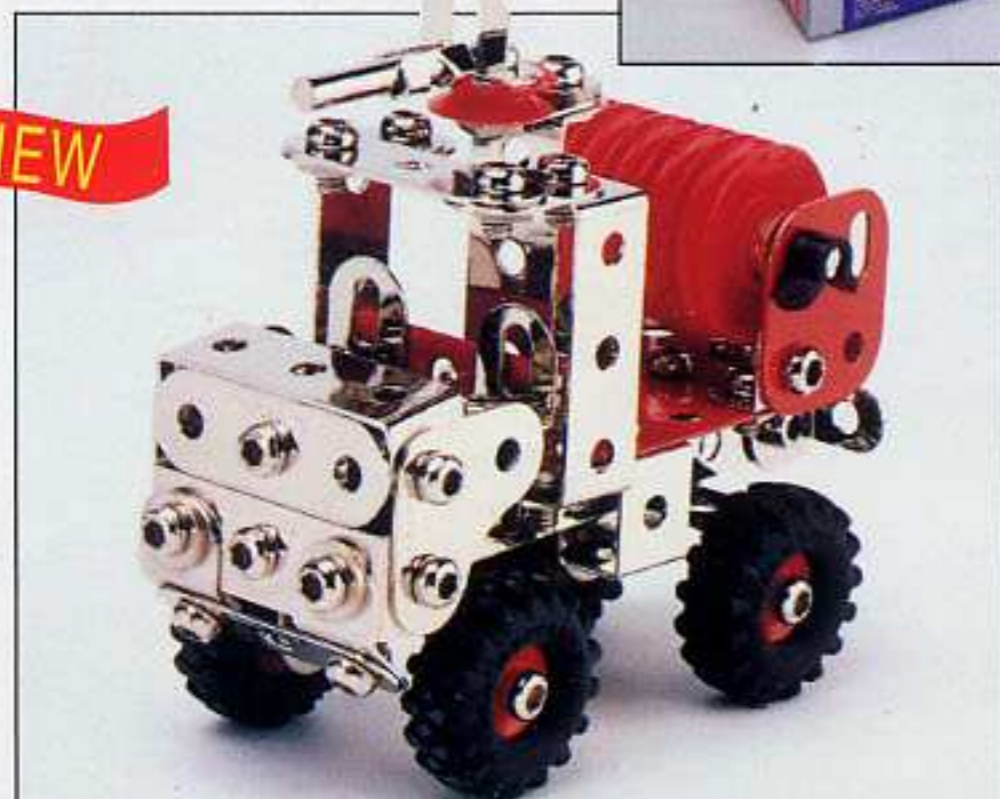
1991 sees four new sets including a range of Emergency vehicles. Great fun to build - great fun to play with !



RESCUE HELICOPTER REF. 033302 7
no. 302
155 spare parts



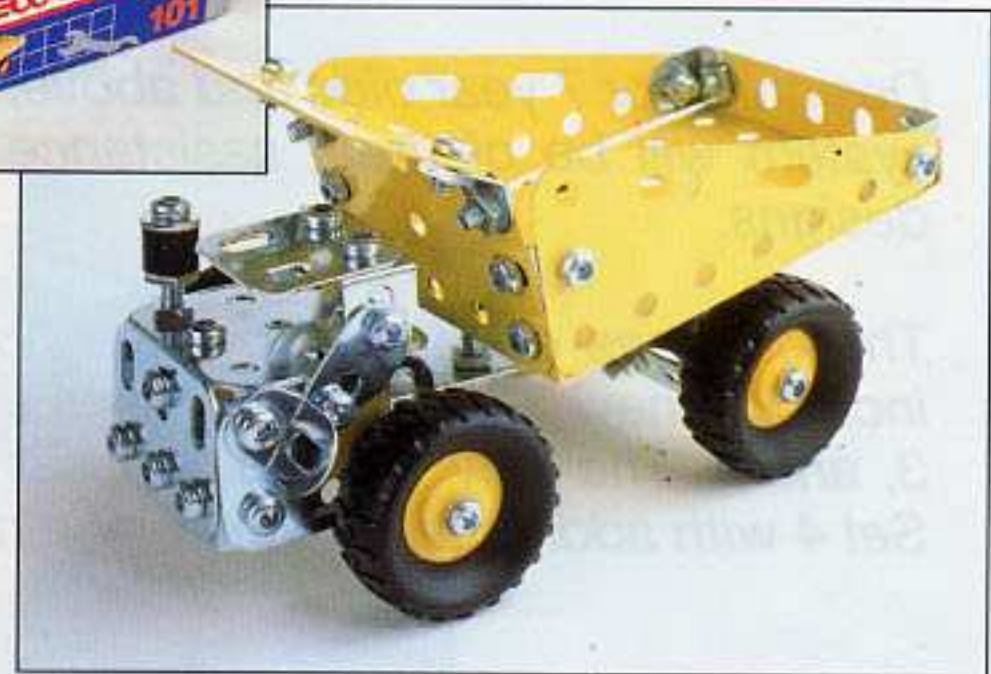
BREAKDOWN VEHICLE REF. 033301 0
no. 301
190 spare parts



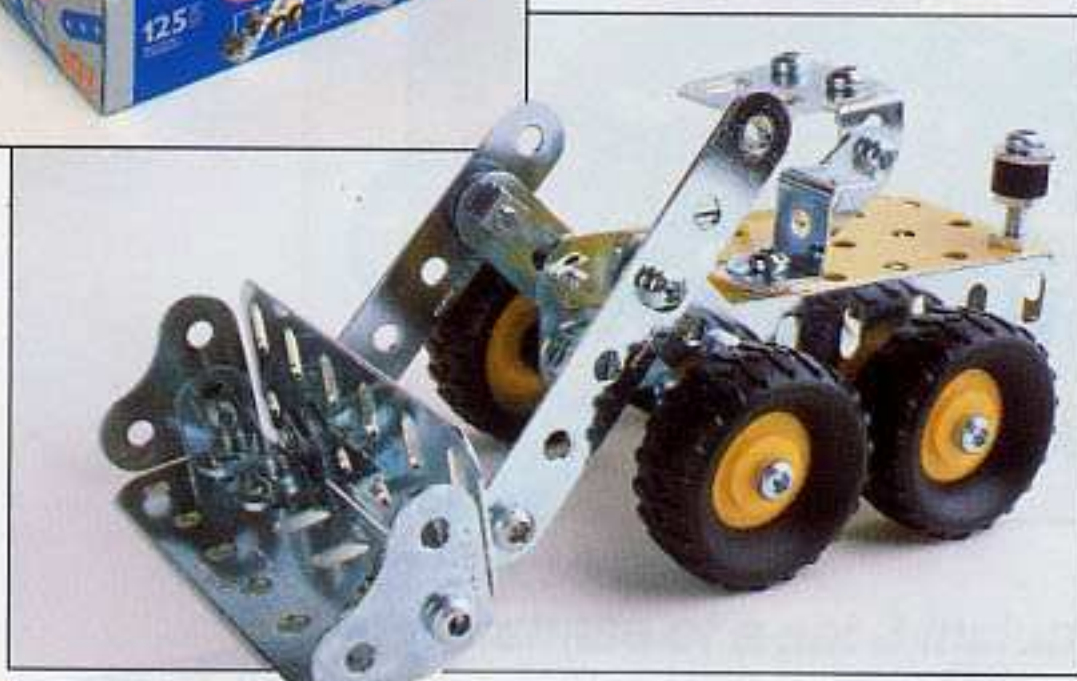
MOTORISED WATER-CANNON REF. 033303 4
no. 303
170 spare parts



TRACTOR WITH CABIN REF. 033201 3
no. 201
140 spare parts



DUMP TRUCK REF. 033101 6
no. 101
135 spare parts



BULLDOZER REF. 033103 0
no. 103
125 spare parts



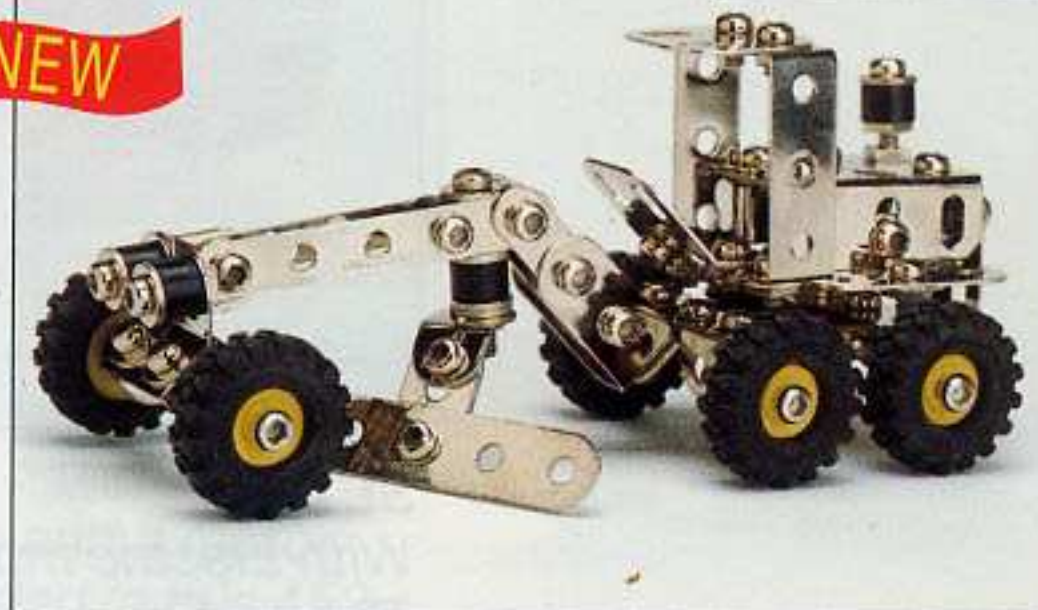
MECHANICAL DIGGER
REF. 033102 3
no. 102 155 spare parts



LORRY MOUNTED CRANE
REF. 033105 4
no. 105 130 spare parts



NEW



ROAD LEVELLER REF. 033106 1
no. 106
165 spare parts

1991 sees major developments in the Beginners Range. Using the most up to date computer aided design techniques, each set contains a totally new and exciting range of models accompanied by new style colour coded instruction manuals.

Designed for 7 year olds and above, the combination of the new manuals and the popular allen key system will be of great assistance to the young model makers in making these fabulous new designs.

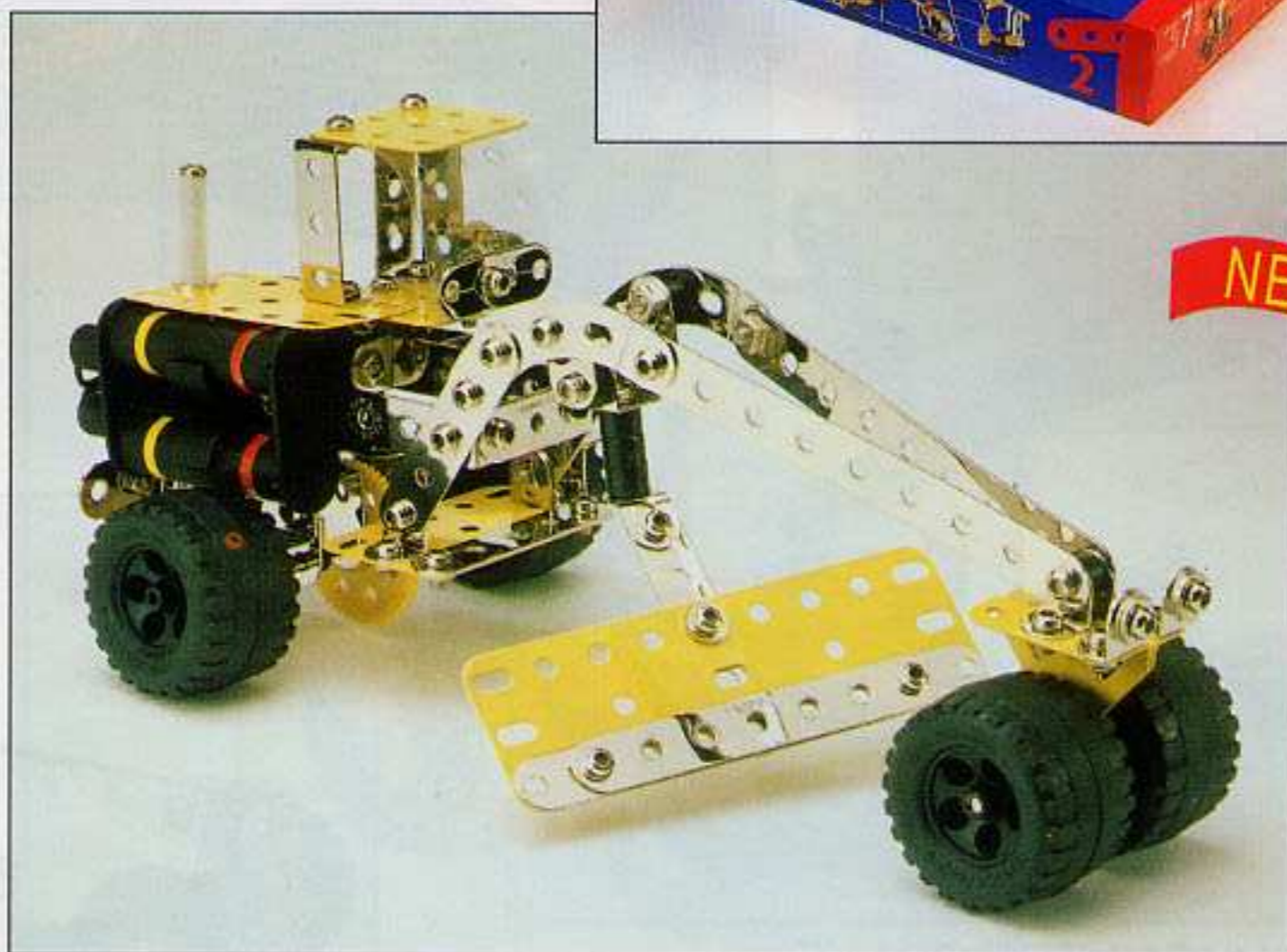
The changes do not stop there however. 1991 also sees the introduction of brand new parts including new rubber life like tyres and most significant of all, a totally new electric motor in Sets 2, 3, and 4. The new 1991 range sees each set grow in size, content and complexity culminating in Set 4 with additional gearing and a motor reversing capability.

NEW



SET 1
The 203 separate parts can build 15 illustrated models including a racing car, sand buggy and a small crane.

REF. 030401 0

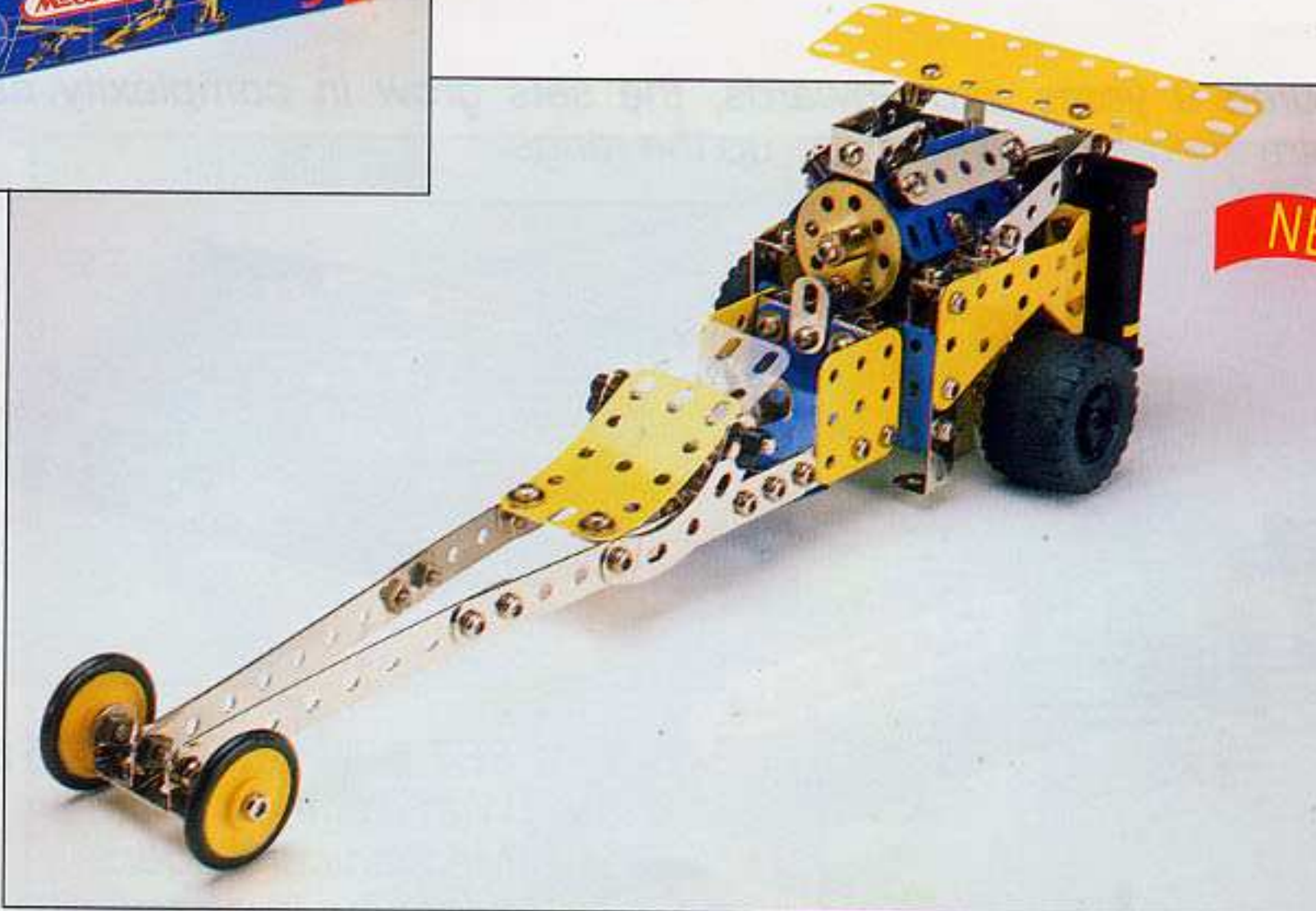


NEW

SET 2
With Electric motor*.
This first motorised set will build up to 27 different models from the 274 parts.
Examples of motor driven models are a helicopter, a radar vehicle and a road leveller.

REF. 030402 7

*Requires 2 R6 batteries - not included.



SET 3

REF. 030403 4

With Electric motor*.

The purchase of a set 3 includes additional models making 39 in all from the 353 parts. Why not build the truck prime mover or the dragster racing car ?



NEW



SET 4

REF. 030404 1

With Electric motor*.

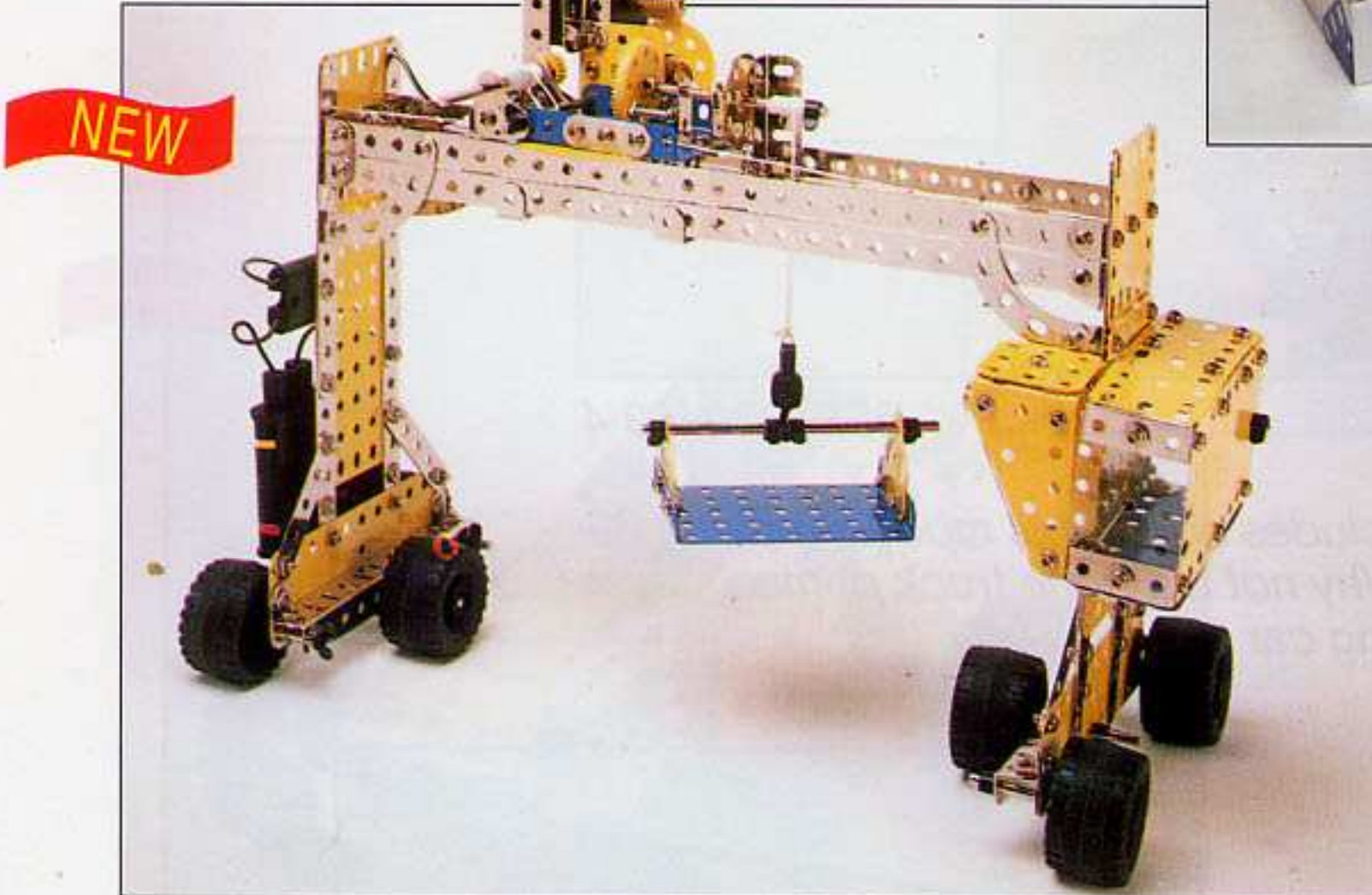
Additional transmission parts and a motor reversing capability are included in this 452 part set. Further models take the total to 51 in this fabulous set. A truck skiploader, dockside crane and grand prix racing car are just three examples.

*Requires 4 R6 batteries - not included.

Perhaps the most significant product changes for several years appear in 1991 with the development of two brand new sets in the Enthusiast range.

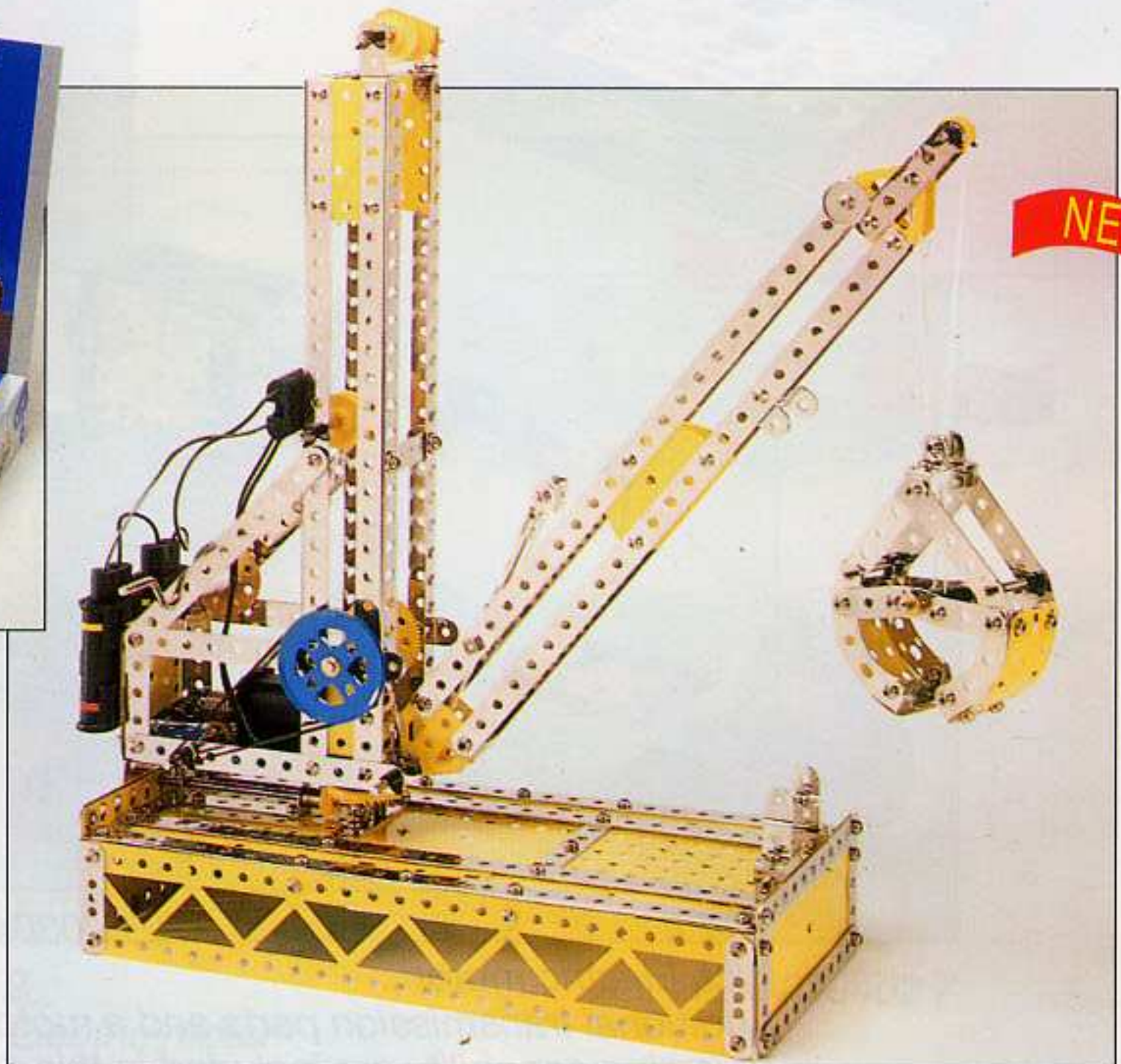
Conscious of the need to bring more technical models into the lower age range sets 5 and 6 include a brand new selection of models supported for the first time with an integral electric motor.

Developed for children 9 years and upwards, the sets grow in complexity as additional transmission parts are included as you move up the range.



NEW

SET 5 REF. 030405 8
 With electric motor*.
 Mechanical digger,
 a logging truck trailer
 and a rolling bridge are
 just three of the 63
 different models that can
 be built for this set.
 556 parts in total.



NEW

SET 6 REF. 030406 5
 With electric motor*.
 A jet plan, twin rotor helicopter
 and dredging machine are
 included in the 78 models
 that can be made from this
 fabulous set.
 640 separate parts.

*Requires 4 R6 batteries - not included.



ELECTRIC MOTOR MO

REF. 032231 1

A great motor for 1991. More efficient, quieter and more durable this new 3V/6V motor is driven by the smaller R6 style batteries into the motor driven models. Altogether more realistic the new motor adds a new dimension to the Meccano range.



MECHANISMS SET

REF. 031223 7

A special set for the engineer in mind. A range of gears and other parts to make your models even more realistic. For all owners of sets 1 - 8.

Perhaps the most significant product changes for several years appear in 1991 with the development of two brand new sets in the Enthusiasts range.

The final stages in your graduation. Potential and existing engineers will derive a great deal of pleasure from these advanced sets.

Developed for children 9 years and over.



SET 7

REF. 030207 8

A magnificent windmill is one of the 92 wonderful models in this set. There are 680 individual parts.



SET 8

REF. 030208 5

A large Ferris wheel is possible here along with 107 other great designs. 800 parts make up this set.



SET 9

REF. 030209 2

Almost no limit to what you can achieve. 1180 parts in a beautiful wooden case. There are 124 illustrated models.



SET 10

REF. 030210 8

The ultimate set : the dream of all other Enthusiasts. Now in a brand 5 drawer cabinet, there are 3100 parts, 149 illustrated models and by now whatever the Meccano Enthusiast decides to build.

The final stages in your graduation. Potential and existing engineers will derive a great deal of pleasure from these advanced sets



NEW

CONVERSION SETS C1 to C5

A truly economic way of building up on your Meccano collections.
 Takes each of the sets 1 to 5 to the next largest set.
 e.g. : set 2 + C2 = set 3.



COMPLEMENTARY SETS 6X to 9X

Takes each of the sets 6 to 9 to the next largest set.
 e.g. : set 7 + set 7X = set 8.



THE MOTOR MR REF. 032229 8

A powerful and compact 9-12 Volt single speed motor with stop, start and reversing capability.
 Battery or transformer driven.



SPARE PARTS

A complete range of spare parts enables the Meccano model maker to add to their sets on a selective basis.
 Each of the 338 separate Meccano parts are available.

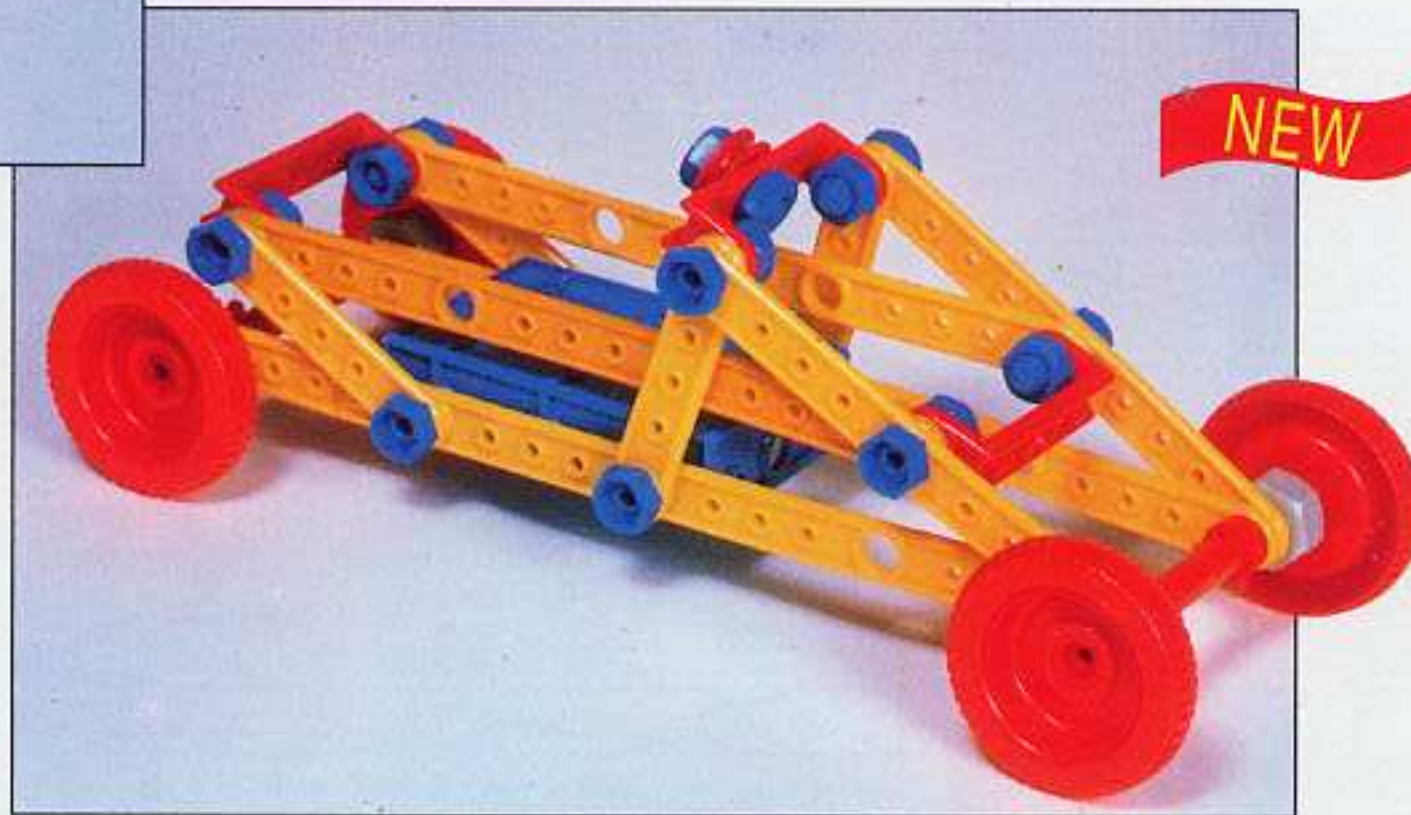
More normally associated with the traditional metal range. Meccano is also available in Junior form to cater for younger children who are already exhibiting an interest in construction. Like its metal companion, Junior Meccano has nuts and bolts, rods and axles, spanners and screwdrivers, all made out of colourful plastic easy to handle and of course completely safe for the early learners.

Recommended for children of 4 years and upwards the sets come complete with easy to follow pictorial illustrations of the models that can be made from each set. At the same time, the more adventurous young modeller can create their own ideas.

Junior Meccano is a great foundation for graduating to the metal range what's more the Junior and metal parts are compatible.



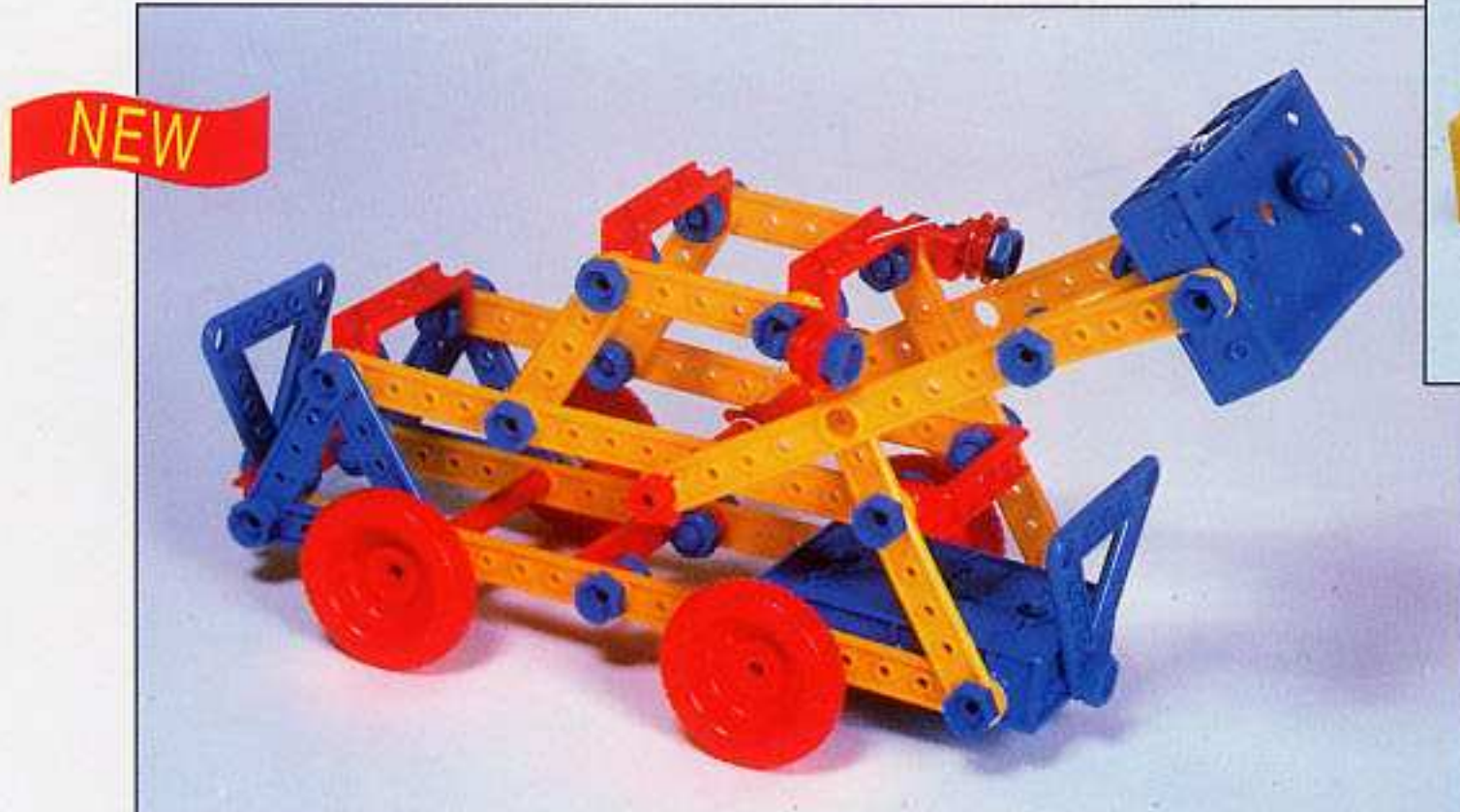
62 brightly coloured plastic parts to join together.
24 separate illustrated models can be made including an aeroplane, windmill and tractor.



NEW

JUNIOR SET A

REF. 221201 6



NEW

JUNIOR SET B

REF. 221202 3

In this larger set there are 112 plastic pieces which can build 42 working models including a bridge, a helicopter, a crane and a bulldozer.



Reference	Product	Number of parts	Number of models	Dimensions of the box in mm	Sold in units of	Dimensions of the carton in mm	Volume of the carton in dm ³	Gross weight in kg per carton
221201	JUNIOR A	62	24	332 x 262 x 63	6	345 x 385 x 275	36,527	3,726
221202	JUNIOR B	112	42	392 x 292 x 63	4	400 x 270 x 305	32,940	3,586
030401	MECCANO N° 1	203	15	332 x 262 x 63	6	345 x 385 x 275	36,527	5,050
030402	MECCANO N° 2	274	27	362 x 292 x 63	4	370 x 265 x 307	30,101	4,735
030403	MECCANO N° 3	353	39	392 x 292 x 63	4	400 x 270 x 305	32,940	5,610
030404	MECCANO N° 4	452	51	422 x 292 x 63	4	432 x 265 x 300	34,344	7,988
030405	MECCANO N° 5	556	62	452 x 322 x 63	2	462 x 136 x 330	20,734	4,997
030406	MECCANO N° 6	640	77	482 x 322 x 63	2	492 x 136 x 330	22,080	7,358
030207	MECCANO N° 7	680	92	385 x 300 x 65	1	400 x 310 x 75	9,300	4,000
030208	MECCANO N° 8	800	108	400 x 340 x 65	1	410 x 360 x 70	10,330	4,500
030209	MECCANO N° 9	1 180	124	590 x 380 x 70	1	600 x 390 x 65	15,210	10,000
030210	MECCANO N° 10	3 100	149	630 x 370 x 330	1	680 x 430 x 460	135,000	33,000
031223	ENGINEERING BOX			330 x 255 x 26	3	350 x 280 x 90	8,820	3,500
032229	GEARED MOTOR 9/12 VOLT			247 x 164 x 50	3	260 x 165 x 180	8,000	1,100
032231	MOTOR MO SET			180 x 146 x 51	4	350 x 235 x 130	10,690	1,500
031401	COMPL. SET C1	71		323 x 85 x 38	3	325 x 85 x 123	3,390	1,160
031402	COMPL. SET C2	79		323 x 85 x 38	3	325 x 85 x 123	3,390	0,840
031403	COMPL. SET C3	99		323 x 85 x 38	3	325 x 85 x 123	3,390	1,600
031404	COMPL. SET C4	104		323 x 85 x 88	3	325 x 85 x 250	6,900	2,250
031405	COMPL. SET C5	84		323 x 85 x 88	3	325 x 85 x 250	6,900	3,200
031306	COMPL. SET 6X	140		323 x 85 x 88	1	325 x 85 x 90	2,480	0,800
031217	COMPL. SET 7X	120		323 x 85 x 88	1	325 x 85 x 90	2,480	0,900
031218	COMPL. SET 8X	380		475 x 85 x 88	1	480 x 90 x 85	3,670	2,500
031219	COMPL. SET 9X	1 920		570 x 390 x 145	1	570 x 390 x 145	32,330	16,000
033101	LORRY	135	1	180 x 146 x 51	6	325 x 195 x 165	10,460	2,018
033102	MECHANICAL DIGGER	155	1	180 x 146 x 51	6	325 x 195 x 165	10,460	2,050
033103	BULLDOZER	125	1	180 x 146 x 51	6	325 x 195 x 165	10,460	1,918
033105	CRANE	130	1	180 x 146 x 51	6	325 x 195 x 165	10,460	2,108
033106	ROAD LEVELLER	165	1	180 x 146 x 51	6	325 x 195 x 165	10,460	1,864
033201	TRACTOR/CABIN	140	1	180 x 146 x 51	6	325 x 195 x 165	10,460	2,092
033301	BREAK DOWN TRUCK	190	1	180 x 146 x 51	6	325 x 195 x 165	10,460	2,100
033302	HELICOPTER	155	1	180 x 146 x 51	6	325 x 195 x 165	10,460	1,828
033303	ROUGH TERRAIN FIRE TRUCK	170	1	180 x 146 x 51	6	325 x 195 x 165	10,460	1,914
033040	ASSORTMENT			180 x 146 x 51	12	368 x 324 x 150	17,880	3,852

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