

MECCANO®

2/3

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23/63 English/Français/Hollands/Deutsch/Italiano

Saitey

How to Use This Book

Comment utiliser ce livre

On the back cover of this Book you will find pictures of the parts in Outfits 2 and 3 together with their names and Part Numbers. Parts used in the assembly of the models shown in this Book generally can be identified by looking at the illustrations, but where the identity of a Part may not be clear, its Part Number is printed in RED on the illustrations.

A list of the Parts needed to build each model also is given. In this list the Part Numbers are printed in RED and quantity required in BLACK.

Some arrangements of Parts are used frequently in model-building. They are called **Basic Meccano Constructions** and are illustrated on pages 15 and 16 of the O/1 Model Book. Each has an identifying Code Mark i.e., BC1, BC2, etc. When one of these Code Marks appears in the illustrations it indicates the principle of construction referred to by the same Code Mark in the O/1 Book.

Some models are constructed in separate units. The points at which these units are bolted together to form the complete model are indicated by red dots. Where red indicating lines pass behind Plates or other parts of a model, they are shown dotted.

Motors also are identified in the illustrations by Code Marks:
M1 = Meccano Magic Motor;
M2 = Meccano No. 1 Clockwork Motor;
M3 = Meccano E15R Electric Motor; M4 = Meccano Emco Electric Motor.

Emeo Electric Motor.
Models for Outfit 2 are shown
on pages 1-8; Models for Outfit
3 appear on pages 9-24.

Het Gebruik Van Dit Boek

Afbeeldingen van onderdelen uit uitrusting 2 en 3 staan op de achterkant van dit boek afgebeeld. In de illustraties heeft ieder onderdeeltje een rood code nummer. De benodigde hoeveelheden worden in zwart aangegeven. Meccano basis constructies worden gerekend gebruikt en deze hebben hun eigen code nummer. B.v. BC1, BC2, enz. Zie je b.v. BC1 in een van de afbeeldingen, dan is dit gelijk aan de basis constructies waarvan volledige beschrijvingen gegeven worden in het model boek nr. O/1. Sommige modellen zijn geconstrueerd in aparte eenheden. Waar ze aaneen geschroefd worden, wordt door rode puntjes aangegeven. Code nummers voor motors zijn: M1 = Tovermotor; M2 = Uurwerk motor nr. 1; M3 = E15R Electromotor; M4 = Emebo electromotor. Modellen voor uitrusting 2 bevinden zich op bladzijdes 1-8; Modellen voor uitrusting 3 op bladzijdes 9-24.

Wie dieses Heft zu gebrauchen ist

Auf der Rückseite dieses Heftes finden Sie Abbildungen der Teile von Baukästen Nr. 2 und 3 mit ihren Bezeichnungen und Nummern. Die Teile, die zum Zusammenbau der in diesem Heft gezeigten Modelle gebraucht werden, kann man gewöhnlich leicht in den Abbildungen erkennen. In Fällen, wo dies unklar ist, ist die Nummer des Teils ROT in die Abbildung gedruckt.

Wir bringen neben jedem Modell eine Aufstellung der dazu benötigten Teile. Die Katalognummern der Teile sind ROT, die Anzahl eines jeden Teils SCHWARZ gedruckt.

Einige einfache Zusammensetzungen von Teilen kommen in jeder Art von Modellen immer wieder vor. Sie werden **Mecano-Grundkonstruktionen** genannt und auf Seiten 15 und 16 des Modellbuches Nr. O/1 abgebildet. Jede dieser Zusammenstellungen hat zur Bezeichnung eine besondere Abkürzung wie zum Beispiel BC1, BC2 usw. Kommt eine dieser Abkürzungen in den Abbildungen vor, so wissen Sie, dass die Bauweise dieses Modellteils dieselbe ist, wie im Modellbuch Nr. O/1. Einige Modelle sind zur Vereinfachung in getrennte Abschnitten aufgebaut. Die Stellen, an denen diese Bauteile zum vollständigen Modell zusammengeschraubt werden, sind in den Abbildungen durch rote Punkte bezeichnet.

Motoren sind auch mit Abkürzungen in den Abbildungen bezeichnet: M1 = Meccano Zauermotor; M2 = Meccano Federmotor Nr. 1; M3 = Meccano Elektromotor; M4 = Meccano Elektromotor Embo. Modelle zu Baukästen 2 befinden sich auf Seiten 1-8; Modelle zu Baukästen 3 auf Seiten 9-24.

Come Adoperare Questo Libro

Sull'ultima pagina di copertina di questo libro sono illustrati e descritti i pezzi Meccano contenuti nelle scatole Nri. 2 e 3. Di ciascun pezzo è indicato il relativo numero di catalogo in

ROSSO. I pezzi usati nella costruzione dei modelli illustrati in questo libro si possono generalmente identificare a prima vista, ma per maggiore chiarezza nelle figure sono stampati in ROSSO i numeri di catalogo dei pezzi.

Per ciascun modello è data una lista dei pezzi occorrenti alla sua costruzione: il numero di catalogo è in ROSSO e la quantità occorrente è in NERO.

Alcune combinazioni tipiche di pezzi Meccano, frequentemente impiegate nelle costruzioni dei modelli, sono chiamate *Costruzioni di Base Meccano* e sono illustrate alle pagine 15 e 16 del Libro dei Modelli No. O/1. Ciascuna "combinazione" è contrassegnata da una sigla di riferimento, per esempio BC1, BC2 ecc. Quando una di queste sigle appare nell'illustrazione di un modello occorre riferirsi alla relativa "combinazione" illustrata nel suddetto Libro dei Modelli No. O/1.

Varri modelli sono illustrati nei diagrammi a sezioni separate. I punti in cui queste sezioni separate devono essere avvitate insieme per formare il modello completo sono segnati con linee rosse continue. (Quando si devono attraversare piastre o altri pezzi di un modello invece della linea rossa continua è indicata una linea rossa tratteggiata.)

Anche i motorini nelle figure sono contrassegnati da sigle:
M1 = Motorino a Molla Meccano Magic; **M2** = Motorino a Molla Meccano No. 1; **M3** = Motorino Elettrico Meccano E15R; **M4** = Motorino Elettrico Meccano Emebo.
 Modelli della Scatola No. 2 pagine 1-8; Modelli della Scatola No. 3 pagine 9-24.

Contents of Outfits 2 and 3

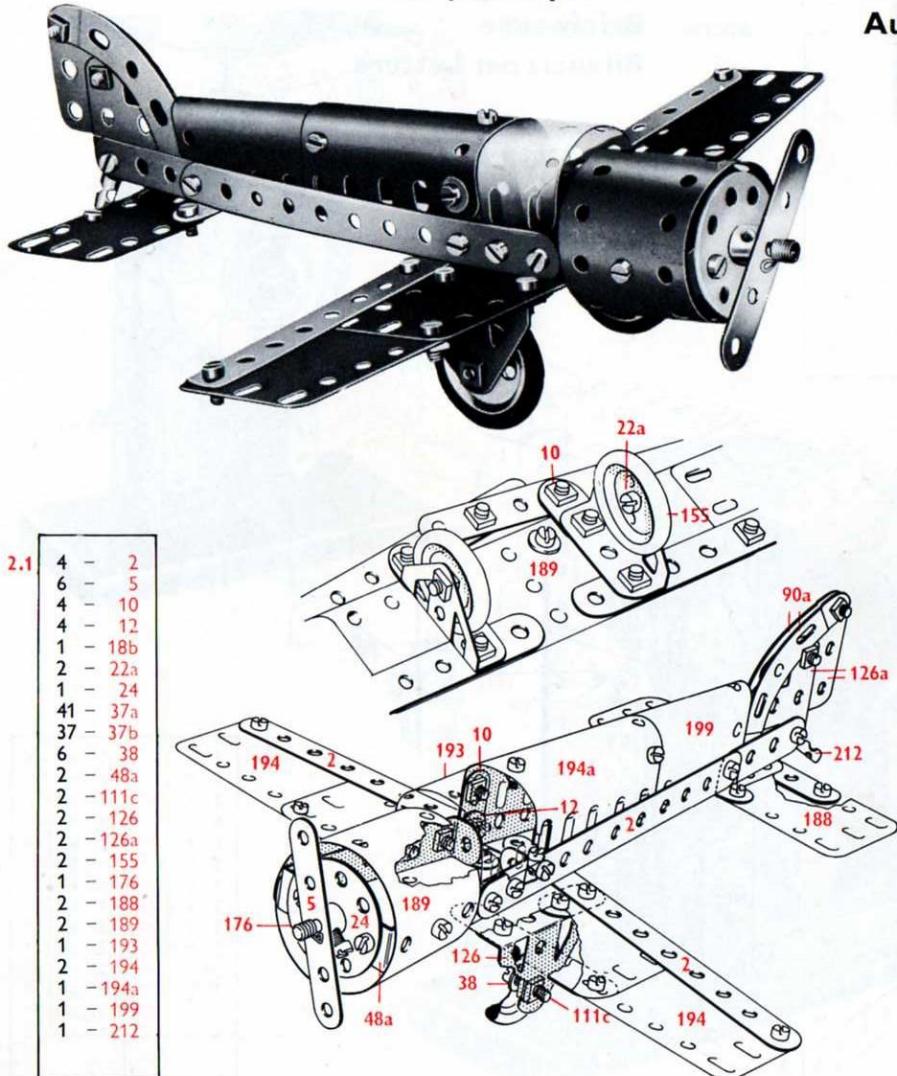
**Contenu des
boîtes 2 et 3**

Inhoud van de uitrustingen 2 en 3

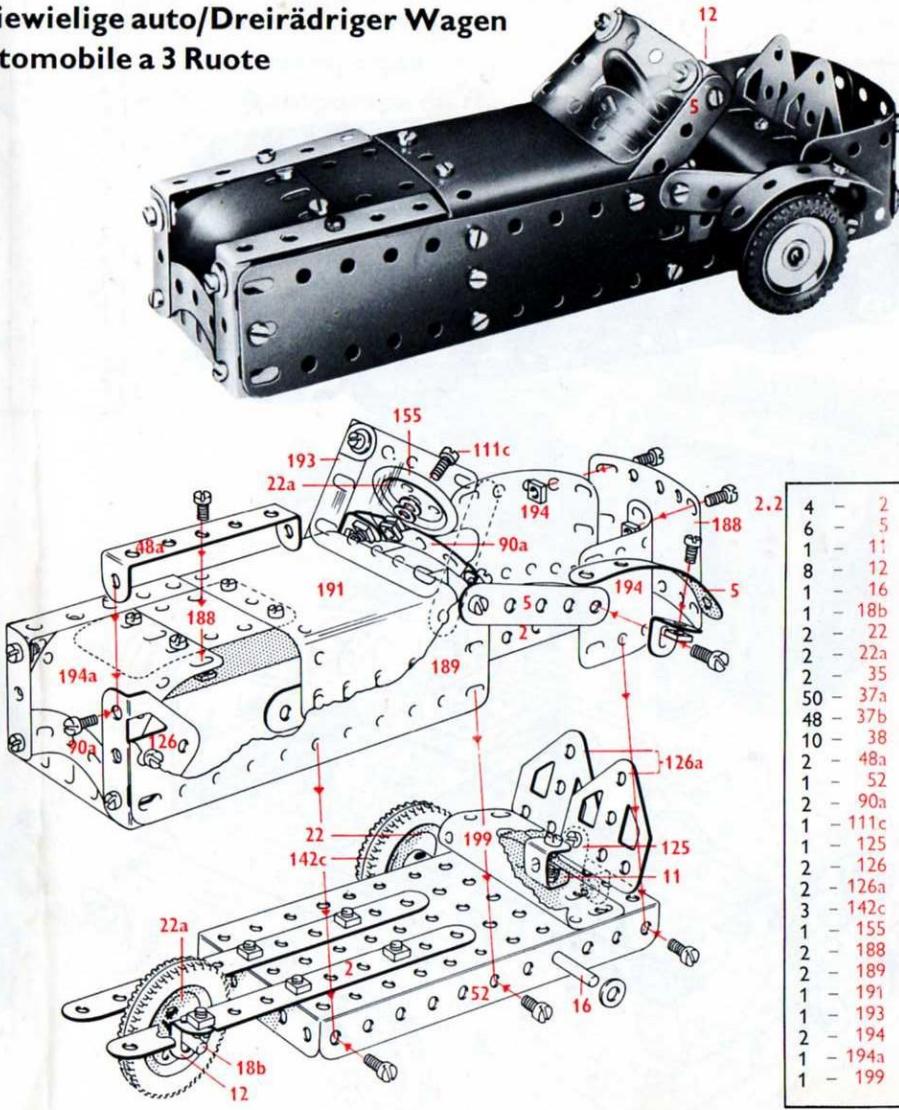
Inhalt der Baukästen 2 und 3 Elenco dei pezzi contenuti nelle Scatole 2 e 3

Part no.	Outfit Pièce no. Boîte	Onder- deel no.	Baukästen des Teils	Part no.	Outfit Pièce no. Boîte	Onder- deel no.	Baukästen des Teils
Pezzo no.	Scatola			Pezzo No.	Scatola		
	2	3			2	3	
1	—	2	52	1	1	1	
2	4	6	57c	1	1	1	
5	6	9	90a	2	4	4	
10	4	5	111c	4	6	6	
11	1	2	125	1	2	2	
12	8	10	126	2	2	2	
15b	—	2	126a	2	2	2	
16	2	3	142c	4	4	4	
17	2	2	155	2	2	2	
18a	—	1	176	1	1	1	
18b	1	1	186	1	1	1	
19g	—	1	188	2	2	2	
19s	1	—	189	2	2	2	
20a	1	1	190	2	2	2	
22	4	4	191	1	2	2	
22a	2	2	192	—	2	2	
23	—	1	193	2	2	2	
24	1	2	194	2	2	2	
34	2	2	194a	2	2	2	
35	6	8	199	1	1	1	
36	1	1	200	—	1	1	
37a	56	60	212	1	1	1	
37b	50	56	213	1	1	1	
38	10	10	214	—	2	2	
38d	—	2	215	—	4	4	
40	1	1	221	—	4	4	
48a	2	2					

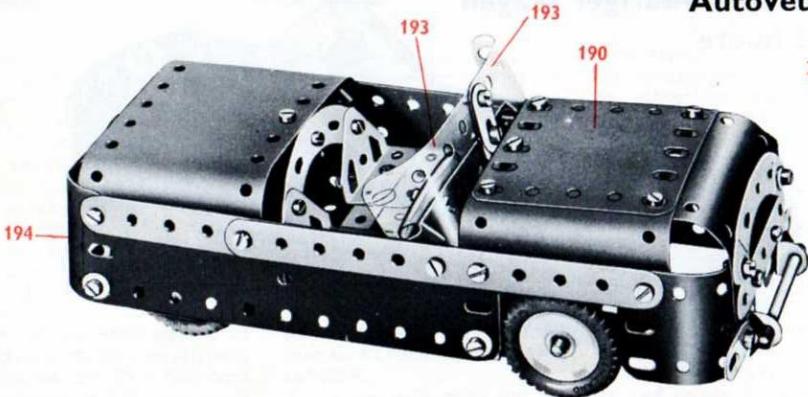
2.1 Monoplane/Avion/Eéndecker Eindecker/Monoplano



2.2 3-Wheel Sports Car/Cyclecar Driewielige auto/Dreirädriger Wagen Automobile a 3 Ruote

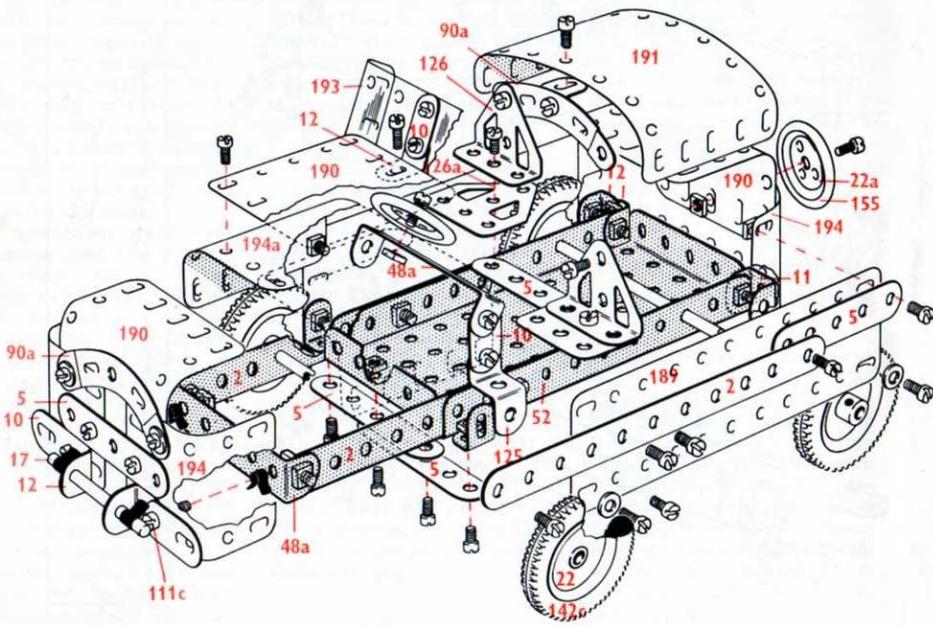


2.3 Sports Car/Voiture grand sport/Sportauto/Sportwagen Autovettura Sport

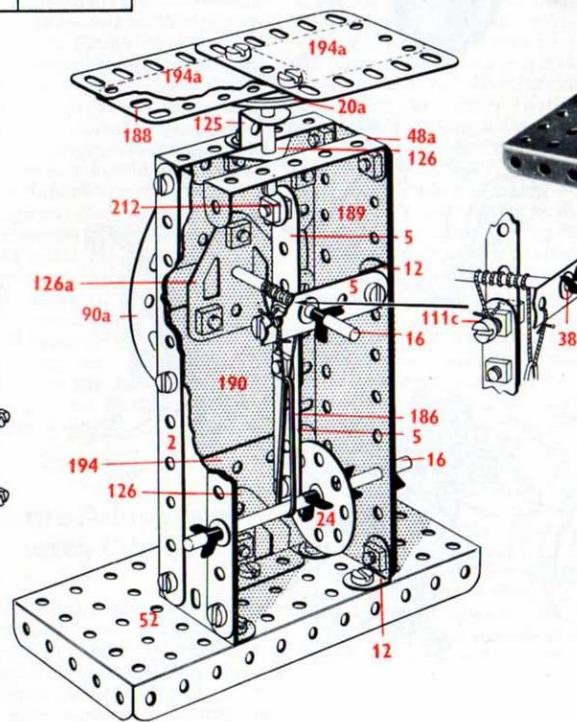


2.3

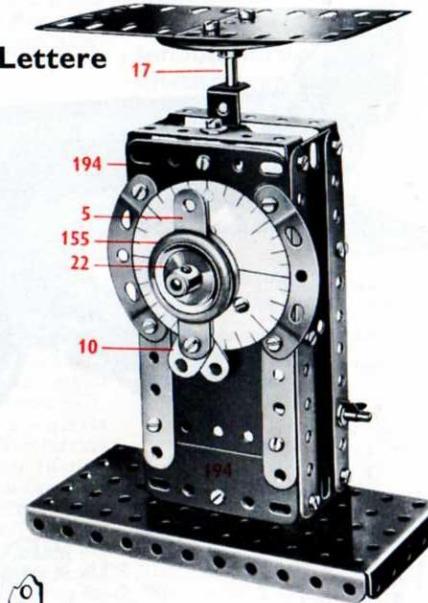
4	-	2	2	-	90a
6	-	5	4	-	111c
4	-	10	1	-	125
1	-	11	2	-	126
8	-	12	2	-	126a
2	-	16	4	-	142c
1	-	17	2	-	155
4	-	22	2	-	188
2	-	22a	2	-	189
4	-	35	2	-	190
52	-	37a	1	-	191
47	-	37b	2	-	193
10	-	38	2	-	194
2	-	48a	2	-	194a
1	-	52	1	-	199



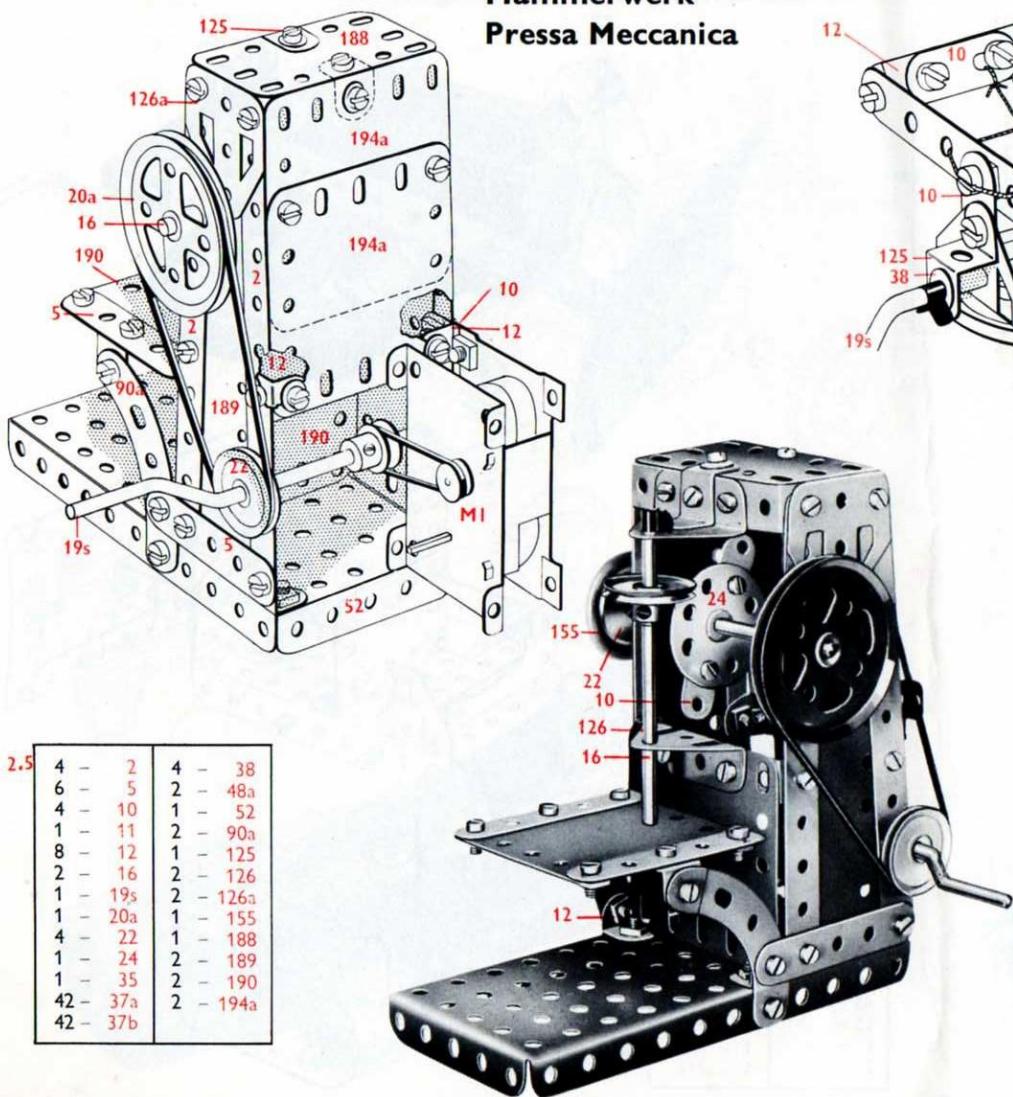
2.4 Letter Balance/Pèse-lettres Brievenweger Briefwaage Bilancia per Lettere



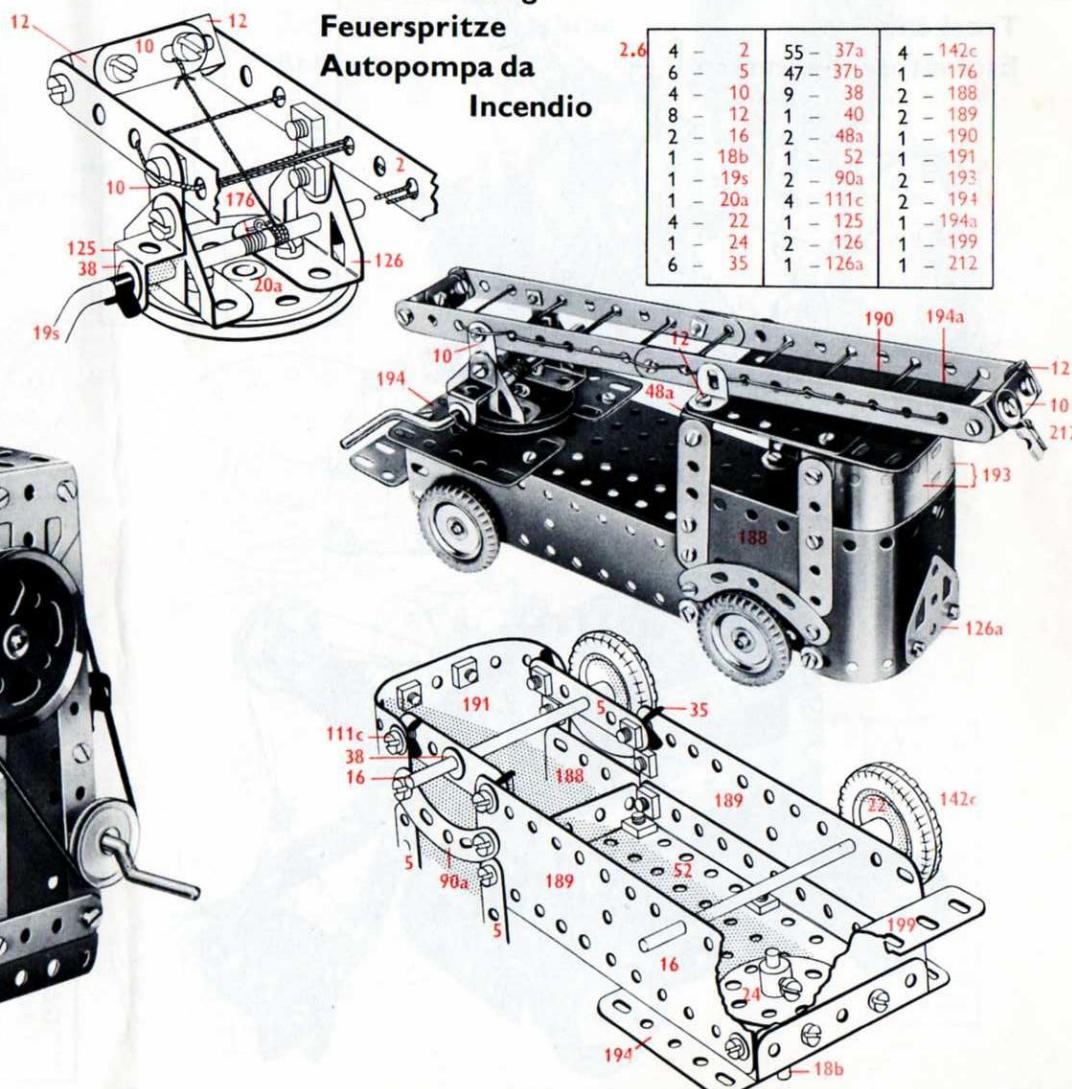
4	-	2	1	-	52
6	-	5	2	-	90a
2	-	10	1	-	111c
6	-	12	2	-	125
2	-	16	2	-	126
1	-	17	1	-	126a
1	-	20a	2	-	155
2	-	22	1	-	186
1	-	24	2	-	188
5	-	35	2	-	189
39	-	37a	1	-	190
35	-	37b	2	-	194
5	-	38	2	-	194a
1	-	40	1	-	212
2	-	48a			



**2.5 Stamping Mill/Estampeuse/Hamer molen
Hammerwerk
Pressa Meccanica**



**2.6 Fire Escape/Voiture-échelle de pompiers
Brandweerwagen
Feuerspritze
Autopompa da
Incendio**

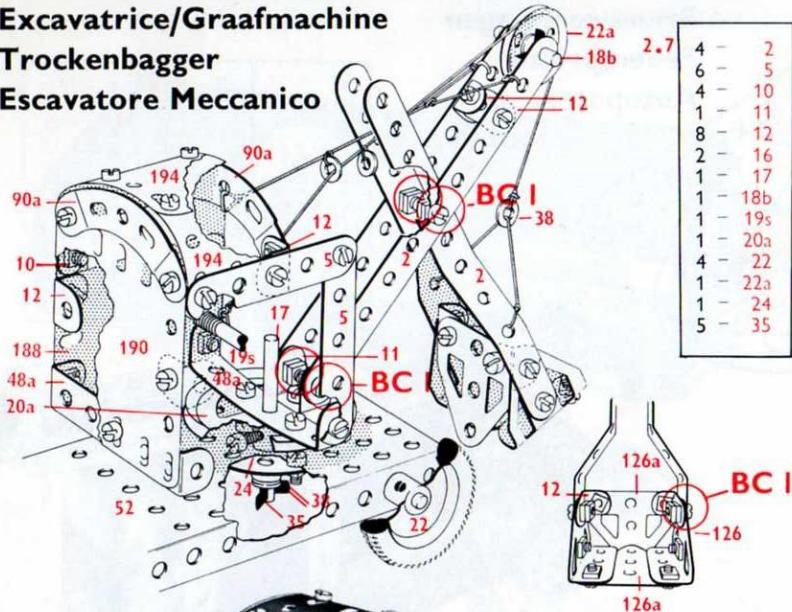


2.7 Mechanical Excavator

Excavatrice/Graafmachine

Trockenbagger

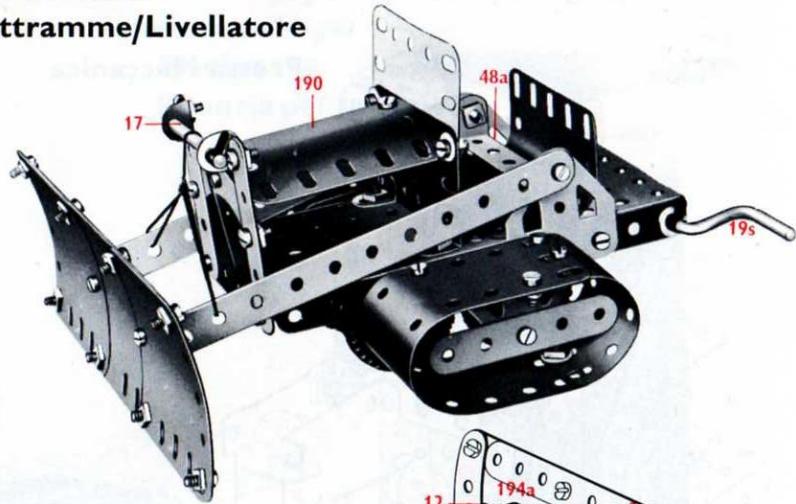
Escavatore Meccanico



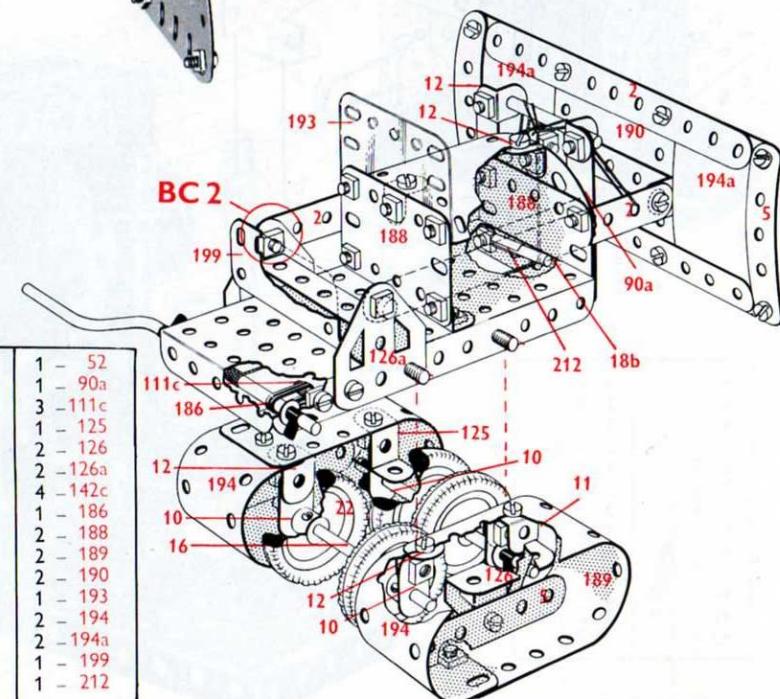
4	2	53	37a
6	5	47	37b
4	10	10	38
1	11	1	40
8	12	2	48a
2	16	1	52
1	17	2	90a
1	18b	2	126
1	19s	1	126a
1	20a	4	142c
4	22	1	176
1	22a	2	188
1	24	1	190
5	35	2	194

2.8 Bulldozer

Schuttramme/Livellatore

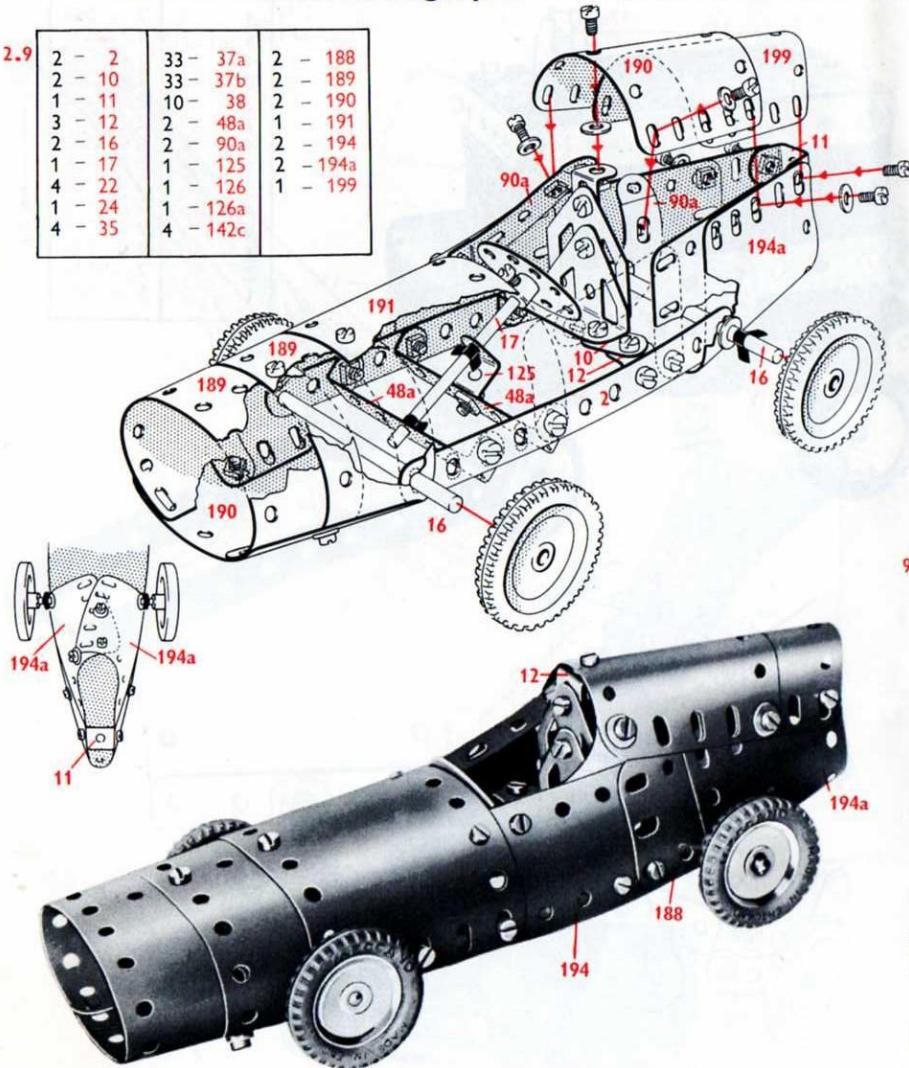


4	2	1	52
6	5	1	90a
4	10	3	111c
1	11	1	125
8	12	2	126
2	16	2	126a
1	17	4	142c
1	18b	1	186
1	19s	2	188
4	22	2	189
6	35	2	190
50	37a	1	193
45	37b	2	194
10	38	2	194a
1	40	1	199
2	48a	1	212

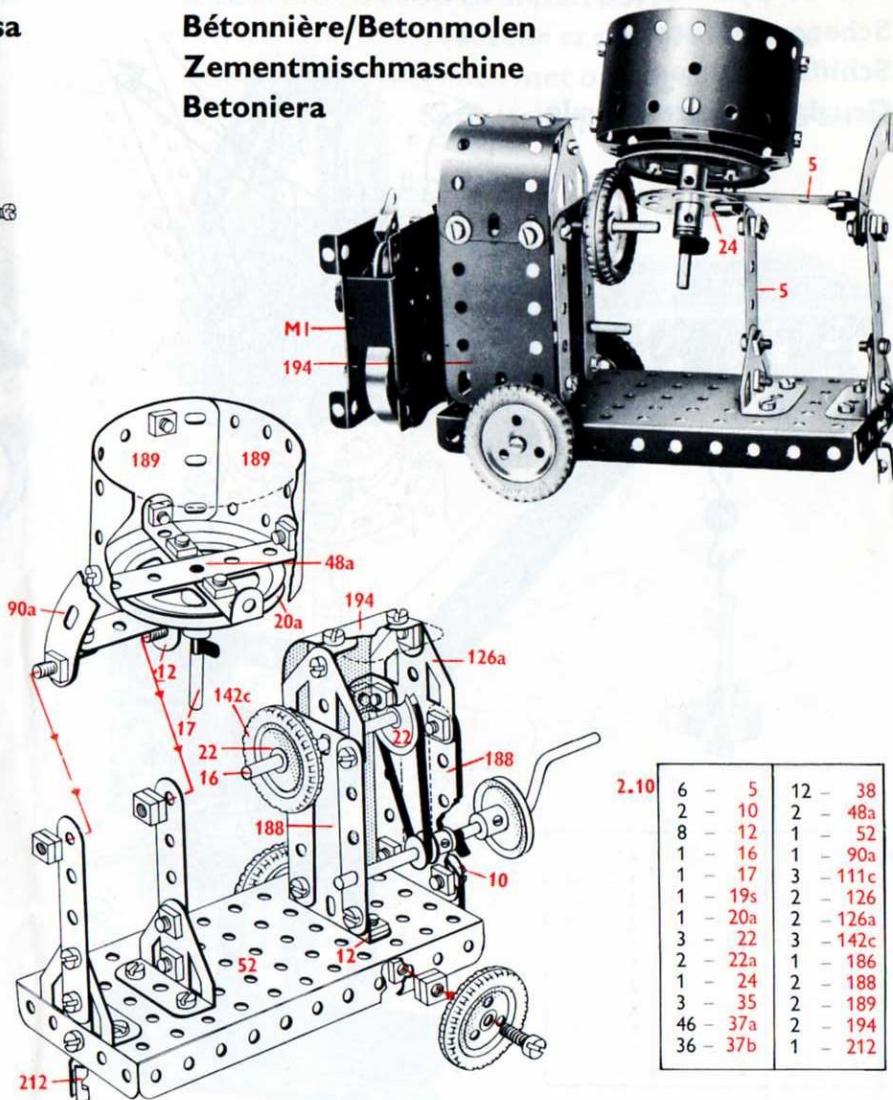


2.9 Racing Car/Voiture de course/Racewagen Rennwagen/Automobile da Corsa

2.9	2 - 2	33 - 37a	2 - 188
	2 - 10	33 - 37b	2 - 189
1 - 11	10 - 38	2 - 190	
3 - 12	2 - 48a	1 - 191	
2 - 16	2 - 90a	2 - 194	
1 - 17	1 - 125	2 - 194a	
4 - 22	1 - 126	1 - 199	
1 - 24	1 - 126a		
4 - 35	4 - 142c		



2.10 Cement Mixer/Bétonnière/Betonmolen Zementmischmaschine/Betoniera



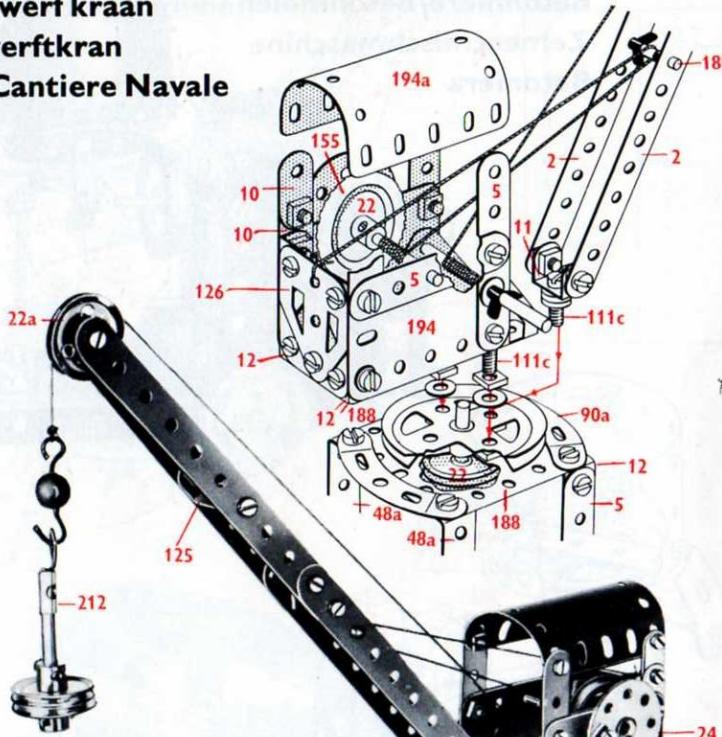
2.10	6 - 5	12 - 38
	2 - 10	2 - 48a
8 - 12	1 - 52	
1 - 16	1 - 90a	
1 - 17	3 - 111c	
1 - 19s	2 - 126	
1 - 20a	2 - 126a	
3 - 22	3 - 142c	
2 - 22a	1 - 186	
1 - 24	2 - 188	
3 - 35	2 - 189	
46 - 37a	2 - 194	
36 - 37b	1 - 212	

2.11 Shipyard Crane/Grue de chantier naval

Scheepswerf kraan

Schiffswerftkran

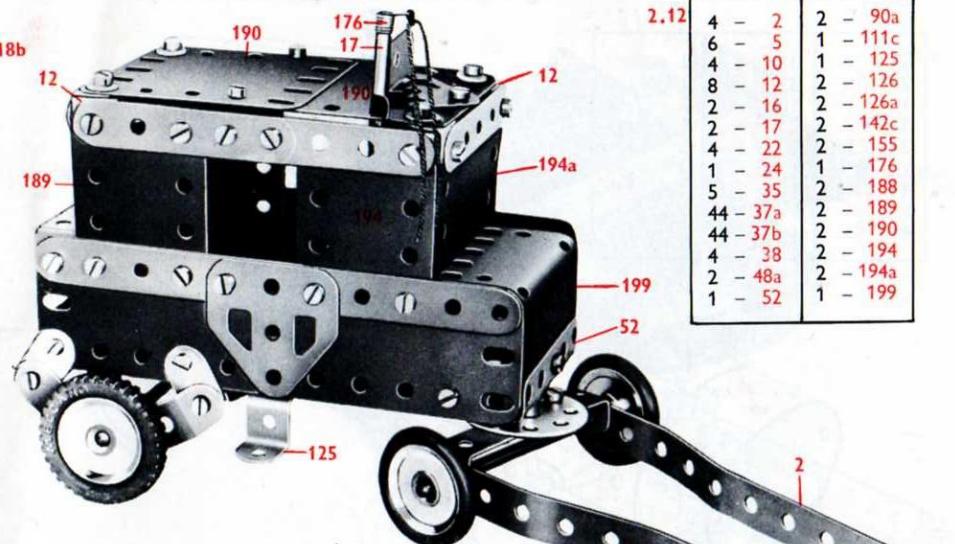
Gru da Cantiere Navale



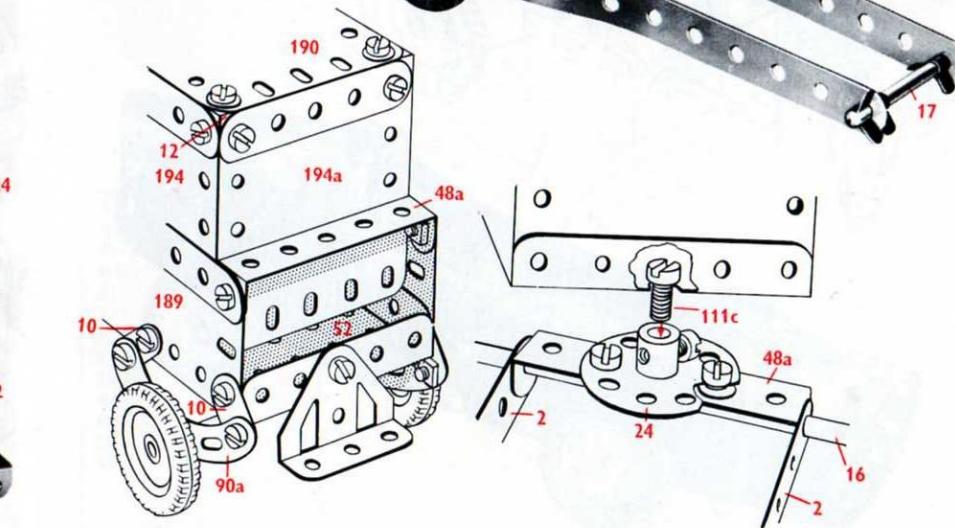
2.11

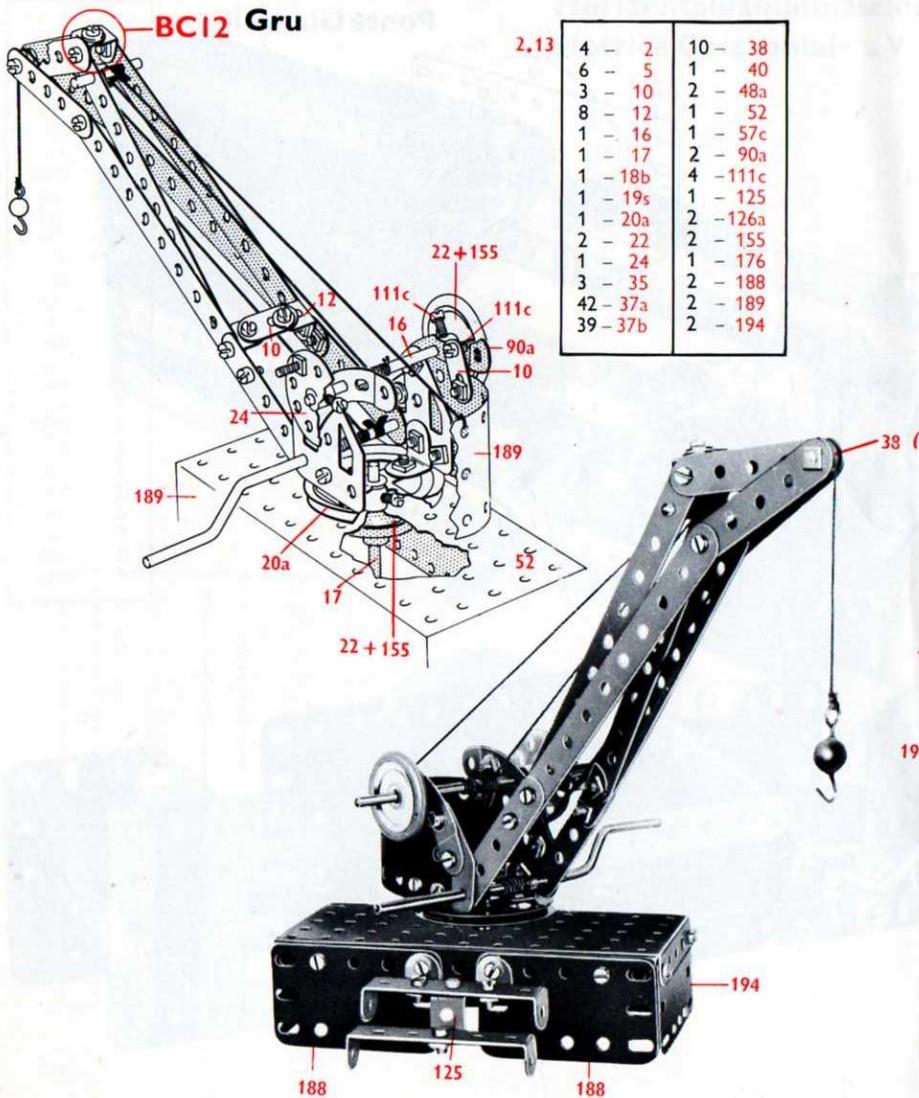
4 - 2	1 - 22a	4 - 111c
6 - 5	1 - 24	1 - 125
4 - 10	4 - 35	2 - 126
1 - 11	51 - 37a	2 - 126a
8 - 12	40 - 37b	1 - 155
1 - 16	7 - 38	1 - 176
2 - 17	1 - 40	2 - 188
1 - 18b	2 - 48a	2 - 194
1 - 19s	1 - 52	1 - 194a
1 - 20a	1 - 57c	1 - 212
4 - 22	2 - 90a	

2.12 Stage Coach/Diligence/Postkoets/Postkutsche/ Diligenza

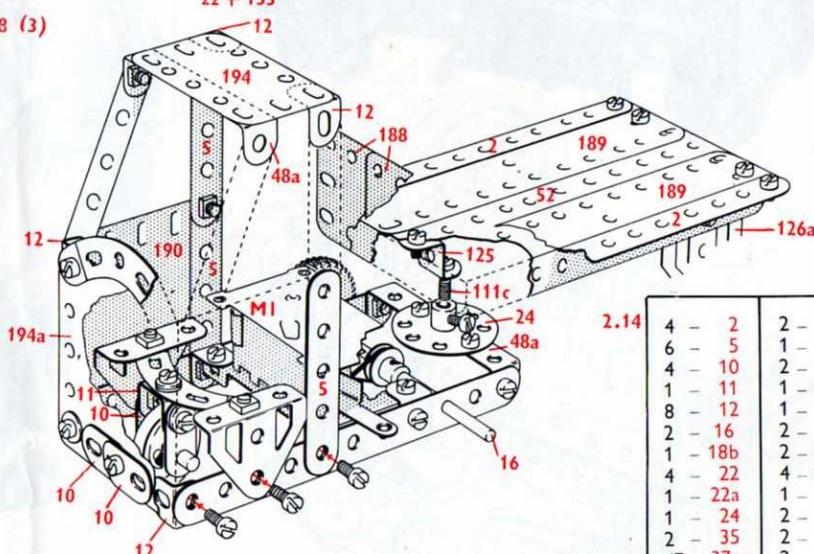
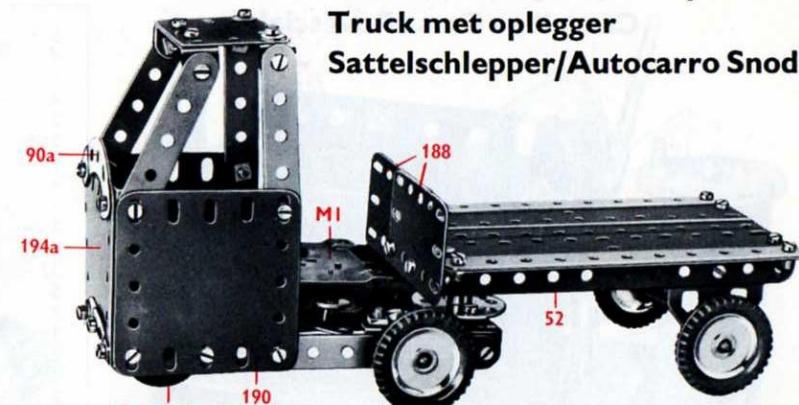


2.12		
4 -	2	2 - 90a
6 -	5	1 - 111c
4 -	10	1 - 125
8 -	12	2 - 126
2 -	16	2 - 126a
2 -	17	2 - 142c
4 -	22	2 - 155
1 -	24	1 - 176
5 -	35	2 - 188
44 -	37a	2 - 189
44 -	37b	2 - 190
4 -	38	2 - 194
2 -	48a	2 - 194a
1 -	52	1 - 199

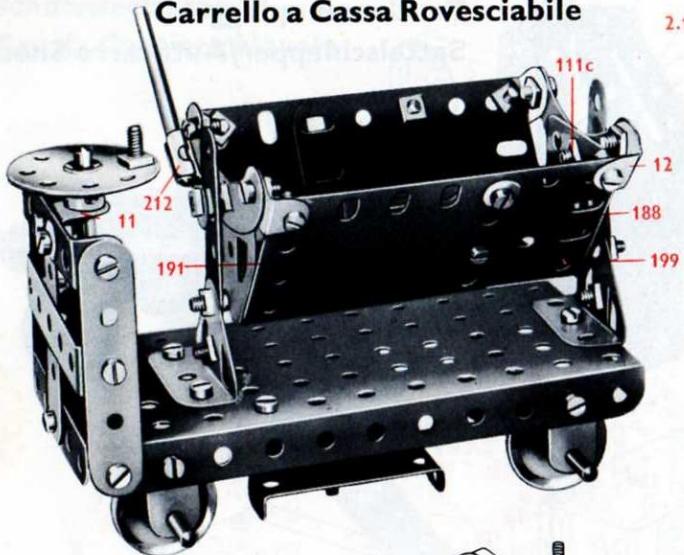


2.13 Goods Yard Crane/Grue de quai/Ladingkraan**Güterbahnhofskran****Gru****2.13**

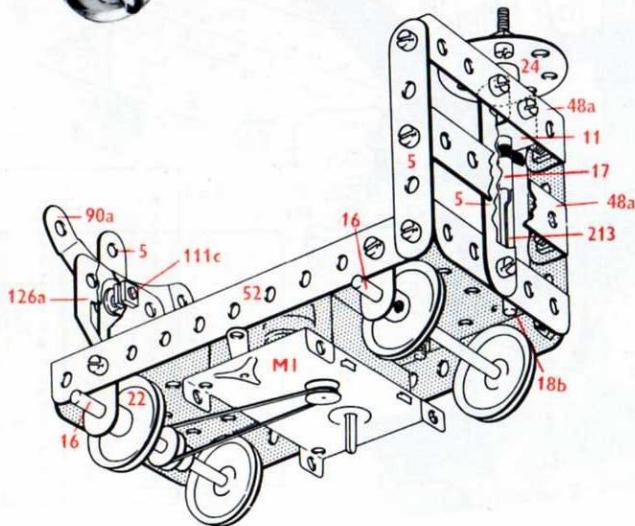
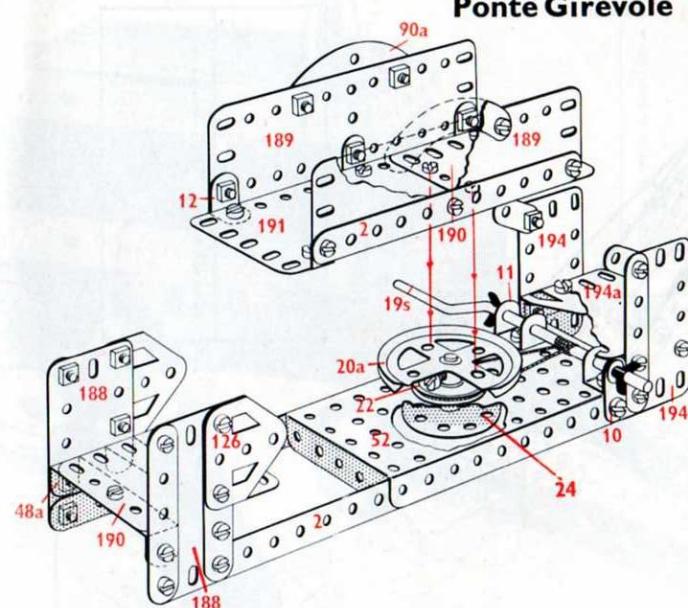
4 -	2	10 -	38
6 -	5	1 -	40
3 -	10	2 -	48a
8 -	12	1 -	52
1 -	16	1 -	57c
1 -	17	2 -	90a
1 -	18b	4 -	111c
1 -	19s	1 -	125
1 -	20a	2 -	126a
2 -	22	2 -	155
1 -	24	1 -	176
3 -	35	2 -	188
42 -	37a	2 -	189
39 -	37b	2 -	194

2.14 Articulated Lorry**Tracteur et semi-remorque****Truck met oplegger****Sattelschlepper/Autocarro Snodato****2.14**

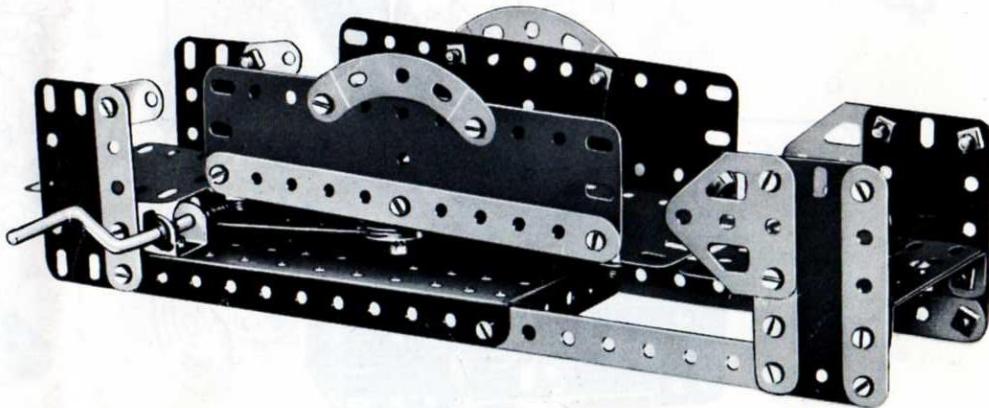
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6 -	5	1 -	52
4 -	10	2 -	90a
1 -	11	1 -	111c
8 -	12	1 -	125
2 -	16	2 -	126
1 -	18b	2 -	126a
4 -	22	4 -	142c
1 -	22a	1 -	155
1 -	24	2 -	188
2 -	35	2 -	189
47 -	37a	2 -	190
46 -	37b	1 -	194
10 -	38	1 -	194a

2.15 Side-tipping Truck/Chariot à benne basculant latéralement**Kipwagen/Kippkarren****Carrello a Cassa Rovesciabile****2.15**

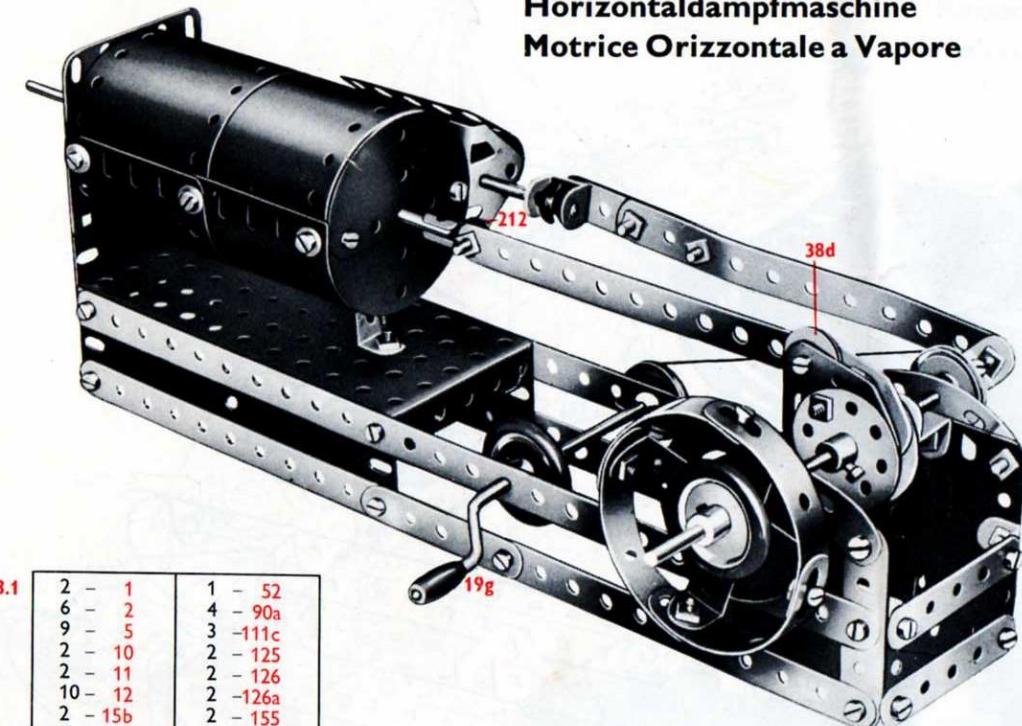
5	-	5
4	-	10
1	-	11
4	-	12
2	-	16
2	-	17
1	-	18b
4	-	22
1	-	24
1	-	35
38	-	37a
32	-	37b
5	-	38
2	-	48a
1	-	52
2	-	90a
3	-	111c
2	-	126
2	-	126a
2	-	188
1	-	191
1	-	199
1	-	212
1	-	213

**2.16 Swing Bridge/Pont tournant/Draaibrug****Drehbrücke****Ponte Girevole****2.16**

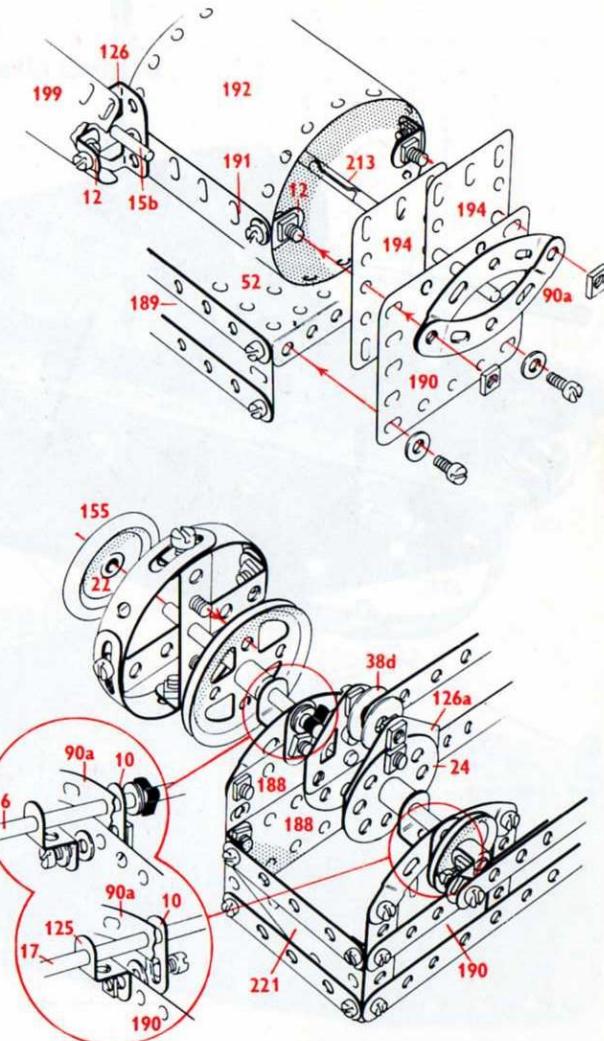
4	-	2
6	-	5
3	-	10
1	-	11
6	-	12
1	-	18b
1	-	19s
1	-	20a
1	-	22
2	-	24
2	-	35
50	-	37a
50	-	37b
2	-	38
1	-	40
2	-	48a
1	-	52
2	-	90a
1	-	125
2	-	126
2	-	126a
2	-	188
2	-	189
2	-	190
1	-	191
2	-	194
1	-	194a



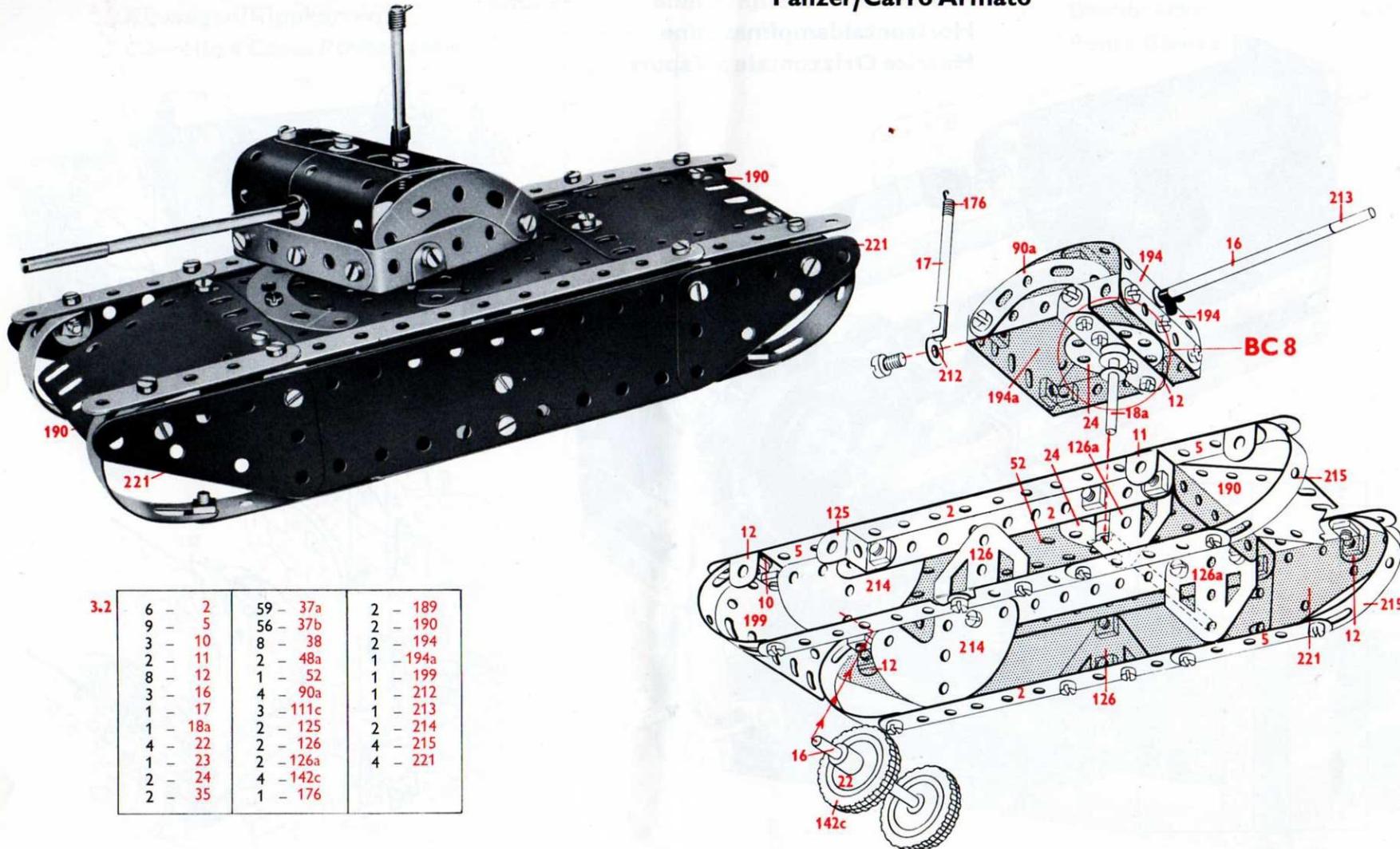
**3.1 Horizontal Steam Engine/Machine à vapeur horizontale
Horizontale stoommachine
Horizontal dampfmaschine
Motrice Orizzontale a Vapore**



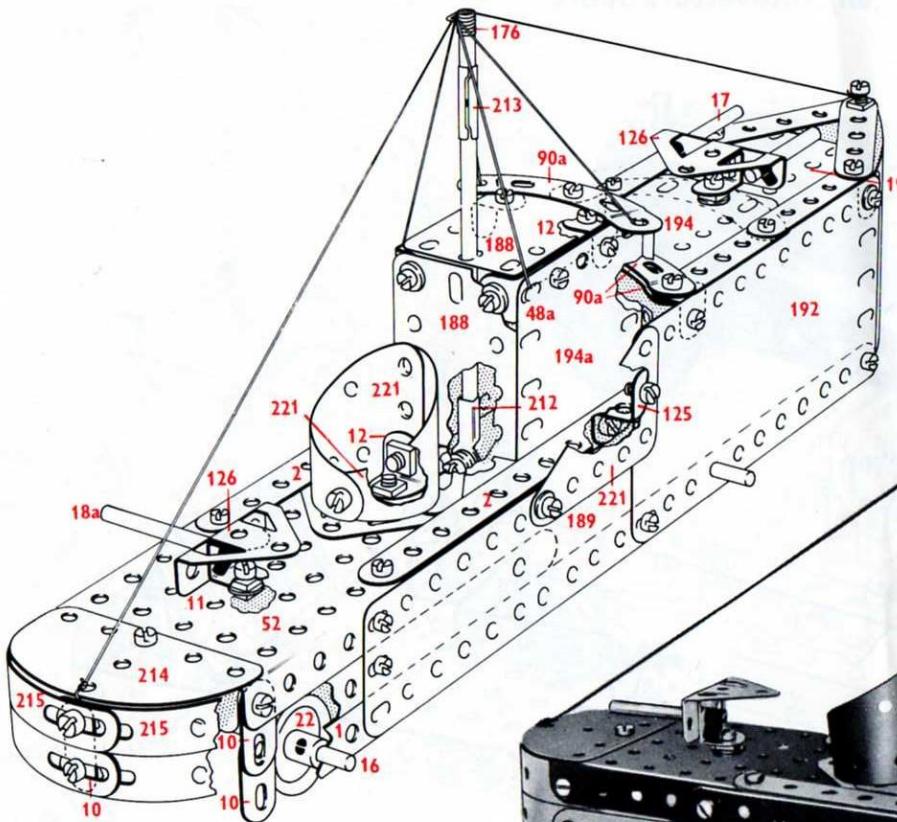
2 - 1	1 - 52
6 - 2	4 - 90a
9 - 5	3 - 111c
2 - 10	2 - 125
2 - 11	2 - 126
10 - 12	2 - 126a
2 - 15b	2 - 155
2 - 16	2 - 188
1 - 17	2 - 189
1 - 19g	2 - 190
1 - 20a	2 - 191
4 - 22	2 - 192
2 - 24	2 - 194
4 - 35	1 - 199
60 - 37a	1 - 212
53 - 37b	1 - 213
9 - 38	2 - 214
2 - 38d	4 - 215
1 - 40	2 - 221
2 - 48a	



**3.2 Tank/Char de combat
Panzer/Carro Armato**

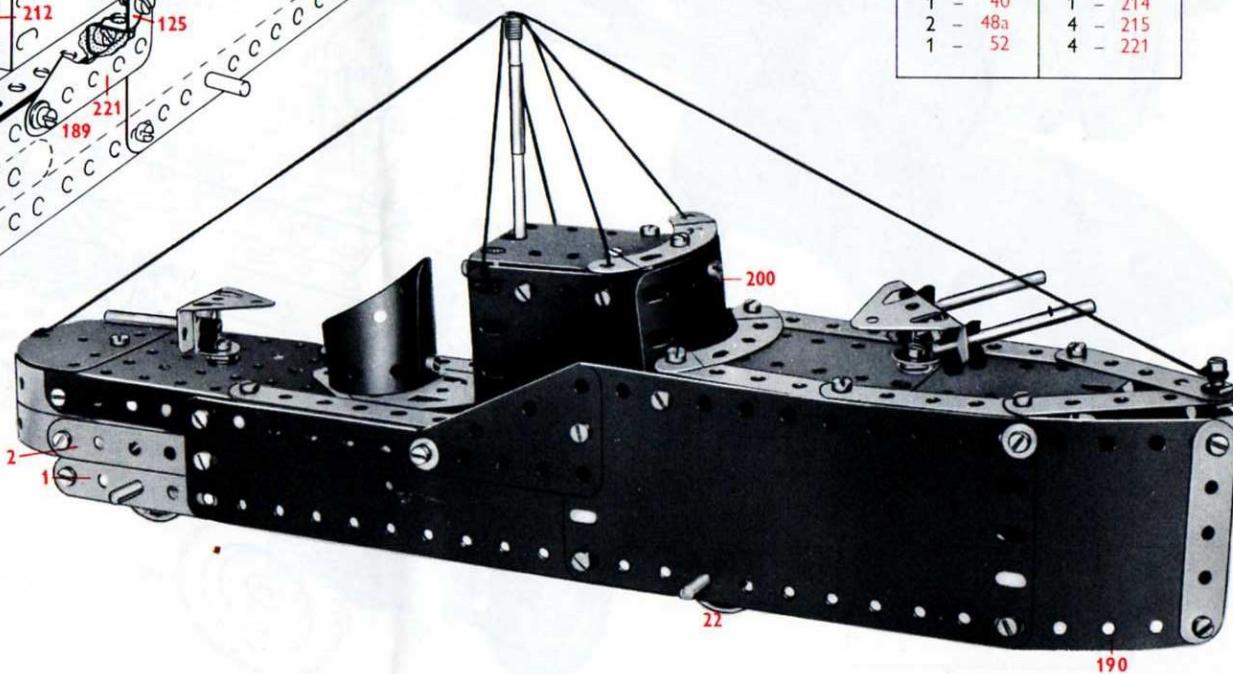


**3.3 Gun Boat/Canonnière
Kanonneerboot
Kanonenboot
Imbarcazione da Guerra**

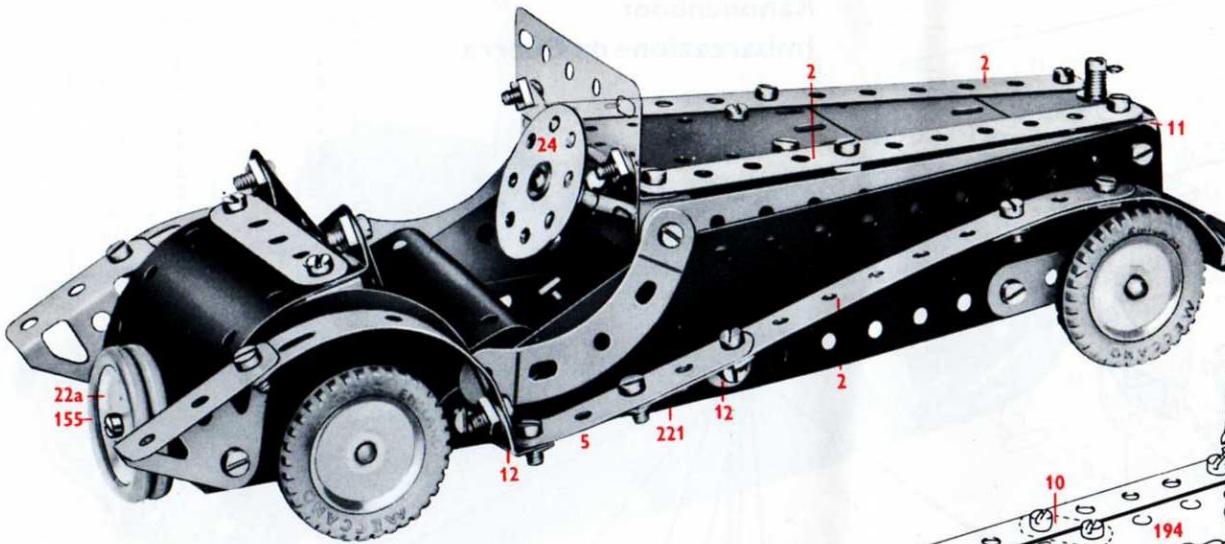


3.3

2	-	1	4	-	90a
4	-	2	3	-	111c
8	-	5	2	-	125
5	-	10	2	-	126
2	-	11	2	-	126a
10	-	12	1	-	176
3	-	16	2	-	188
2	-	17	2	-	189
1	-	18a	2	-	190
1	-	18b	2	-	192
4	-	22	2	-	194
6	-	35	2	-	194a
60	-	37a	1	-	200
54	-	37b	1	-	212
10	-	38	1	-	213
1	-	40	1	-	214
2	-	48a	4	-	215
1	-	52	4	-	221

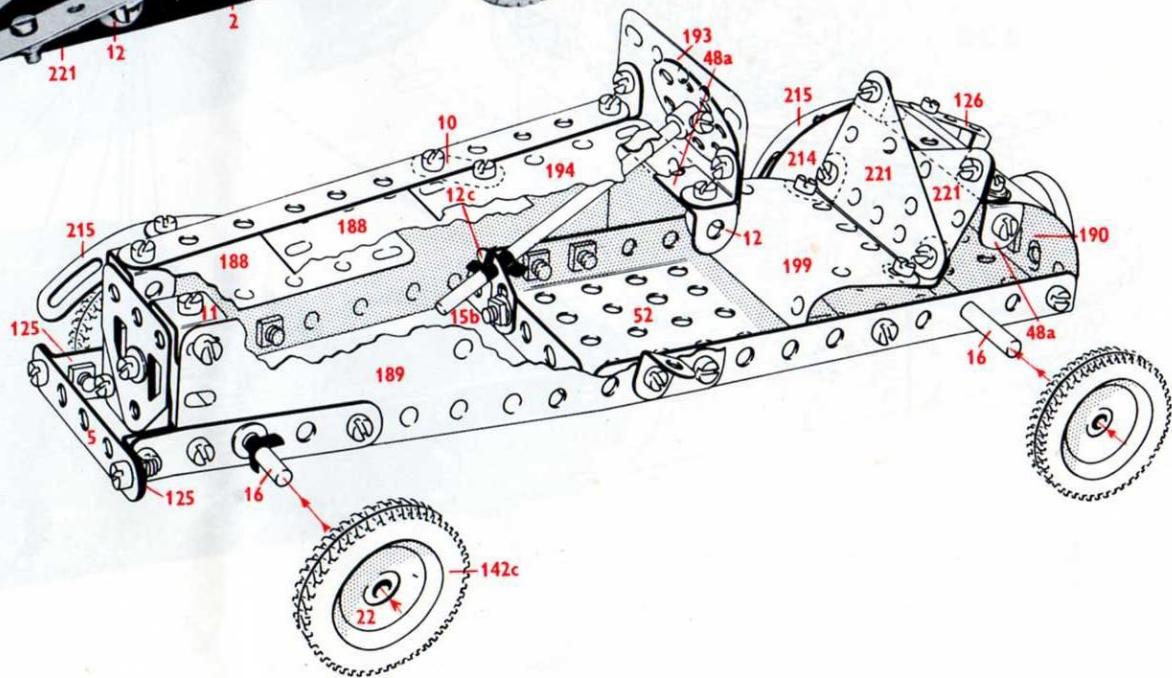


3.4 Sports Car/Voiture sport/Sportauto Sportwagen/Autovettura Sport



3.4

6	-	2	4	-	111c
6	-	5	2	-	125
3	-	10	2	-	126
2	-	11	2	-	126a
10	-	12	4	-	142c
1	-	15b	2	-	155
2	-	16	1	-	176
4	-	22	2	-	188
2	-	22a	2	-	189
1	-	24	1	-	193
4	-	35	1	-	194
60	-	37a	1	-	199
56	-	37b	1	-	200
5	-	38	2	-	214
2	-	48a	4	-	215
1	-	52	4	-	221
2	-	90a			



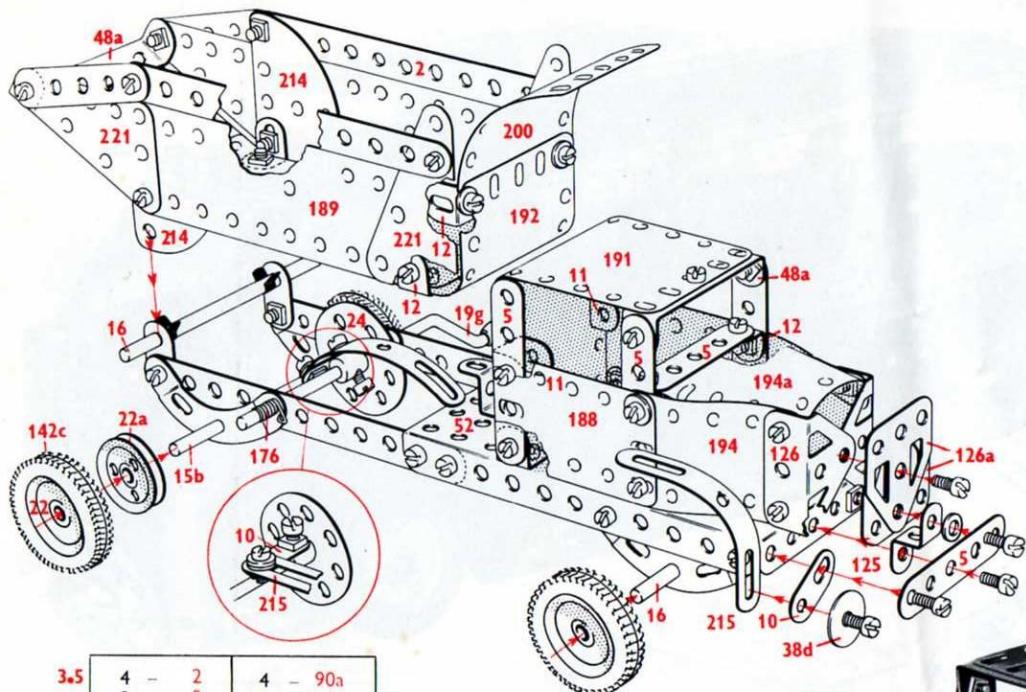
3.5 Dumper Truck

Camion à benne basculante

Kipauto

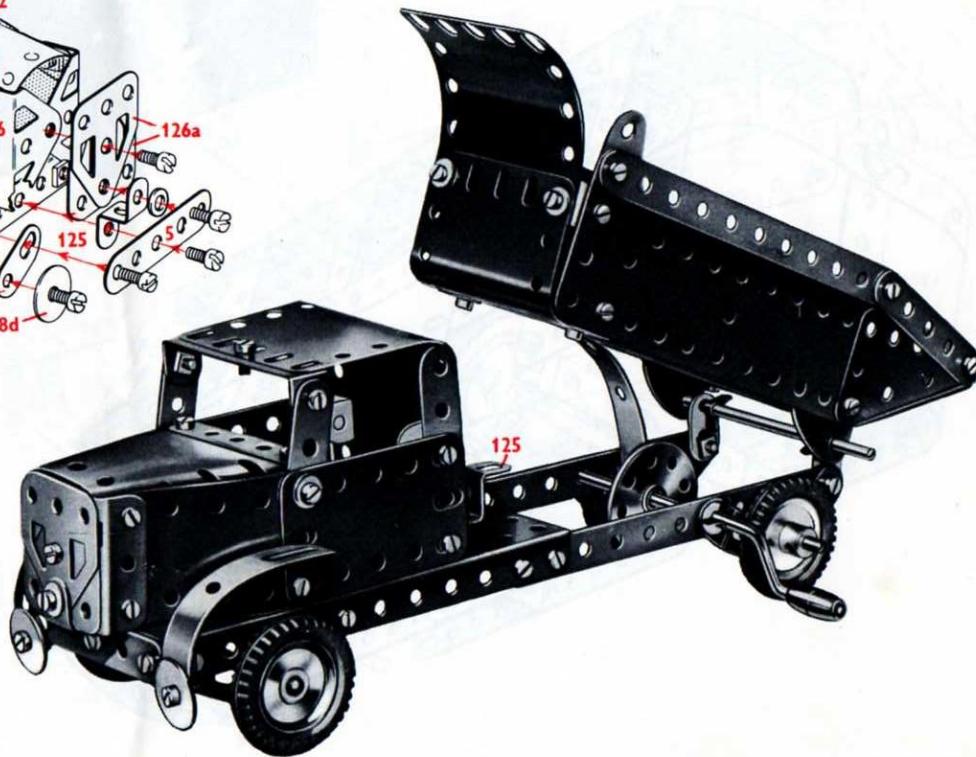
Kippwagen

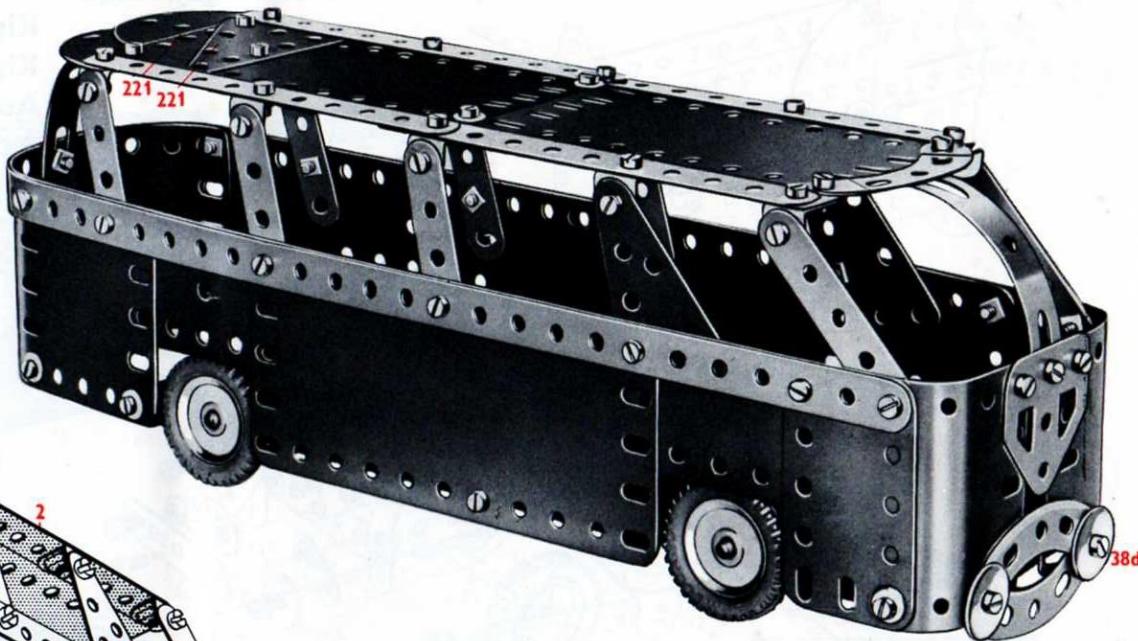
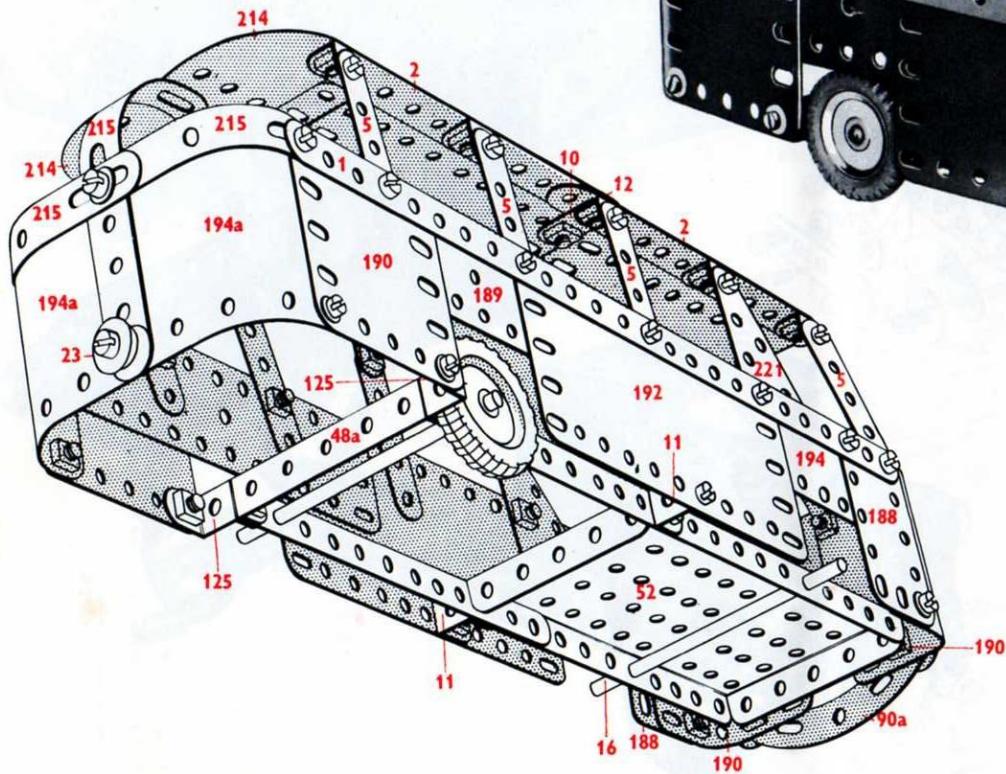
Autocarro a Cassa Ribaltabile



3.5

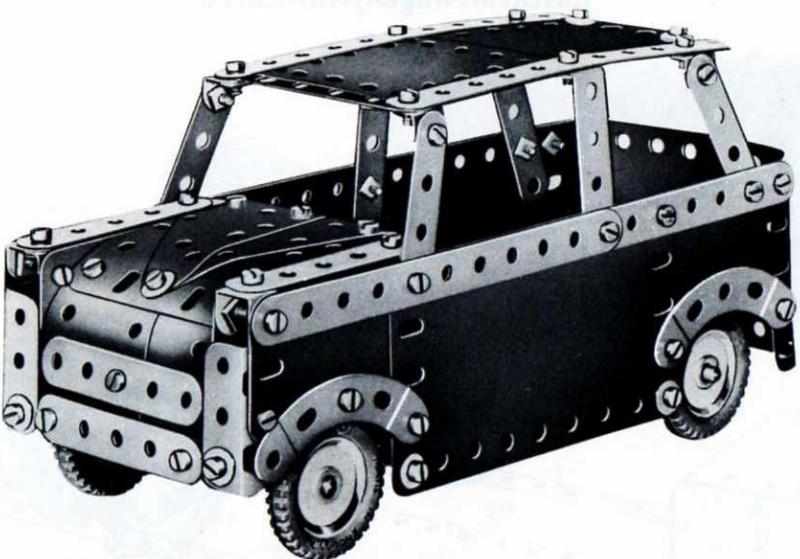
4	-	2	4	-	90a
8	-	5	4	-	111c
5	-	10	2	-	125
2	-	11	2	-	126
10	-	12	2	-	126a
1	-	15b	4	-	142c
2	-	16	1	-	176
1	-	19g	2	-	188
4	-	22	2	-	189
2	-	22a	2	-	190
1	-	24	1	-	191
3	-	35	1	-	192
60	-	37a	2	-	194
56	-	37b	1	-	194a
10	-	38	1	-	200
2	-	38d	2	-	214
2	-	48a	3	-	215
1	-	52	4	-	221



3.6 Observation Coach**Autocar grand tourisme****Uitzicht autobus****Aussichtswagen****Autobus Belvedere**

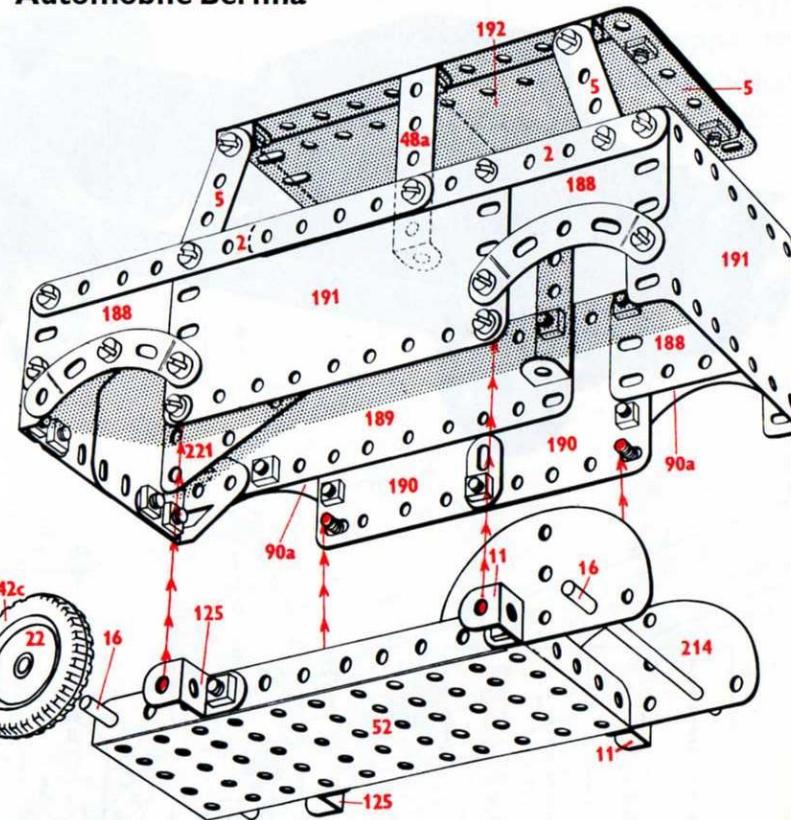
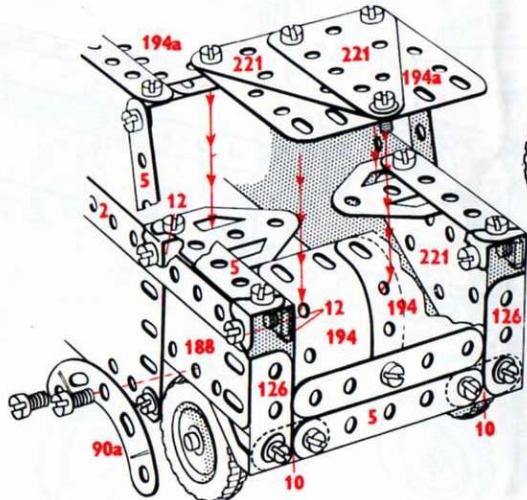
3.6	
2	- 1
6	- 2
9	- 5
4	- 10
2	- 11
10	- 12
2	- 16
4	- 22
1	- 23
60	- 37a
56	- 37b
10	- 38
2	- 38d
1	- 48a
1	- 52
3	- 90a
4	- 111c
	- 125
	- 126a
	- 142c
	- 188
	- 189
	- 190
	- 191
	- 192
	- 194
	- 194a
	- 199
	- 200
	- 214
	- 215
	- 221

**3.7 Saloon Car/Conduite intérieure
Personen auto/Personenwagen
Automobile Berlina**

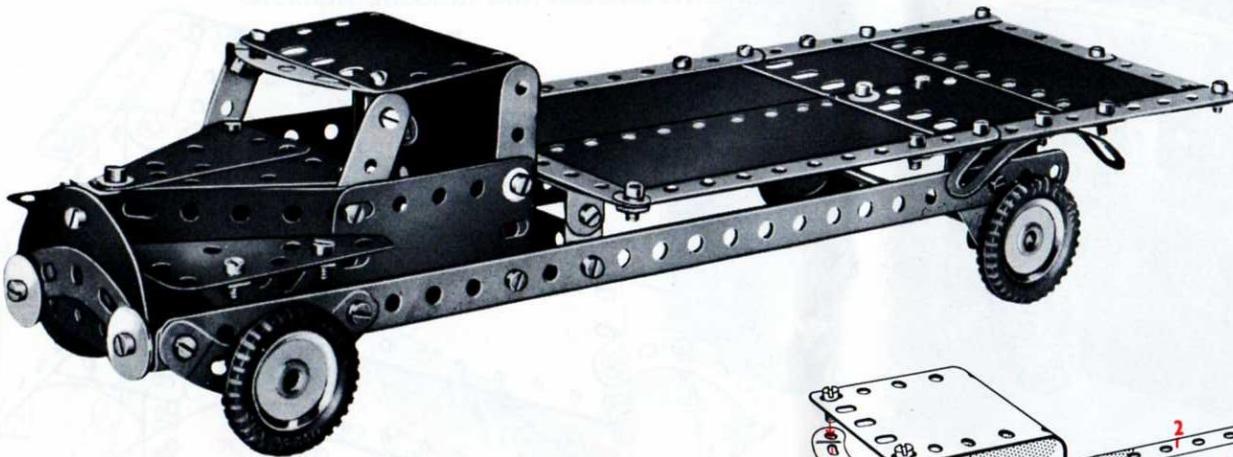


3.7

6 -	2	2 -	125
9 -	5	2 -	126
3 -	10	2 -	126a
2 -	11	2 -	142c
10 -	12	2 -	188
2 -	16	2 -	189
4 -	22	2 -	190
60 -	37a	2 -	191
56 -	37b	2 -	192
9 -	38	2 -	194
2 -	48a	2 -	194a
1 -	52	2 -	214
4 -	90a	2 -	221
4 -	111c	2 -	

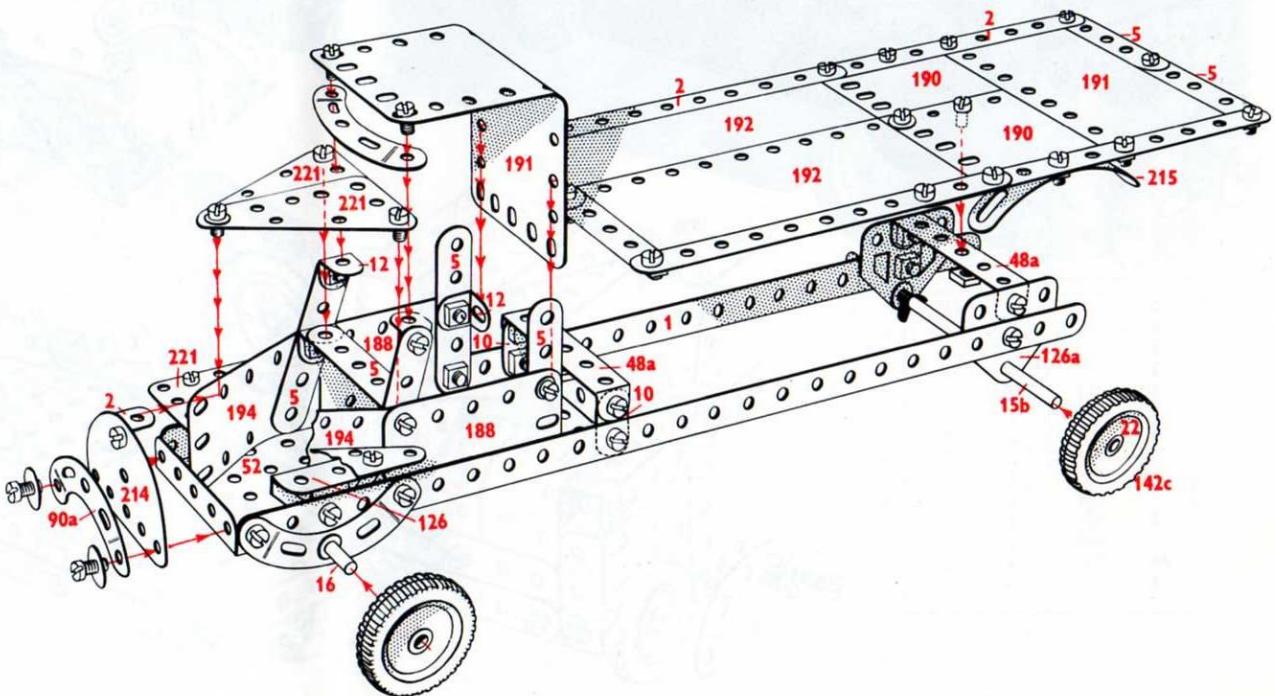


**3.8 Motor Lorry/Camion plateau/Motor-lorry
Lastkraftwagen/Autocarro**



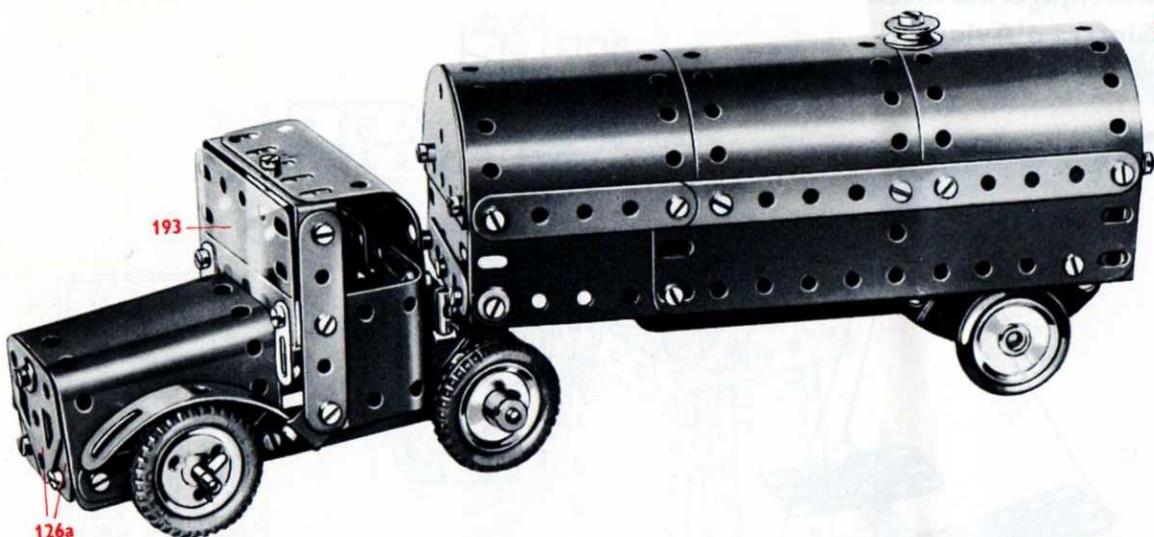
3.8

2 -	1	1 -	52
4 -	2	4 -	90a
9 -	5	2 -	126
2 -	10	2 -	126a
7 -	12	4 -	142c
1 -	15b	2 -	188
1 -	16	2 -	190
4 -	22	2 -	191
2 -	35	2 -	192
53 -	37a	2 -	194
53 -	37b	1 -	214
8 -	38	2 -	215
2 -	38d	4 -	221
2 -	48a		

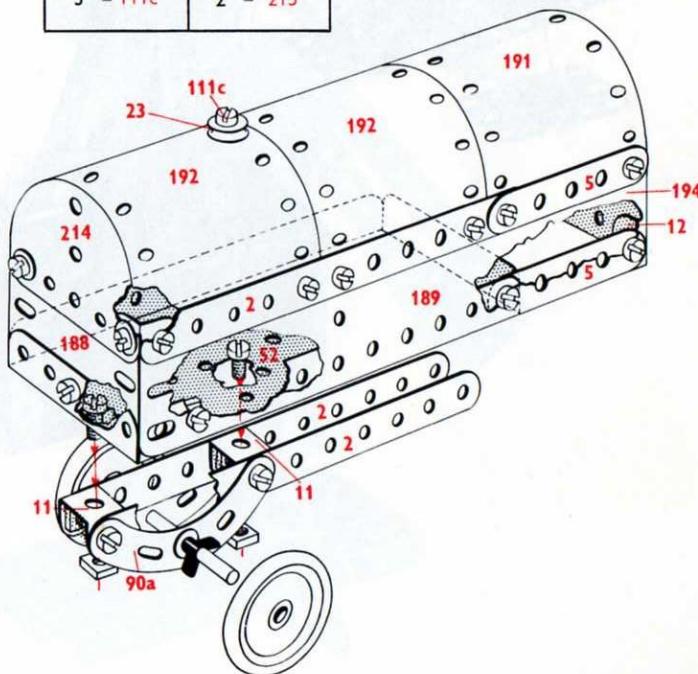
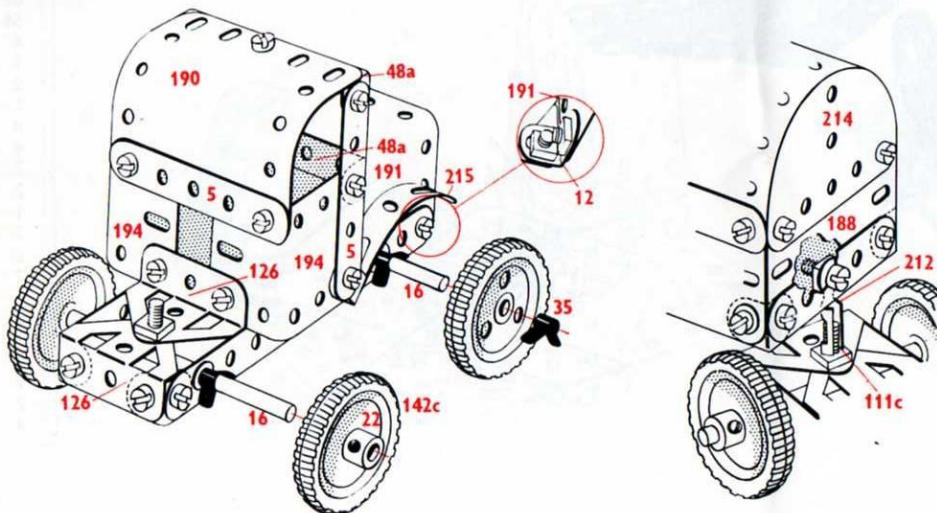


3.9 Articulated Petrol Tanker/Camion citerne

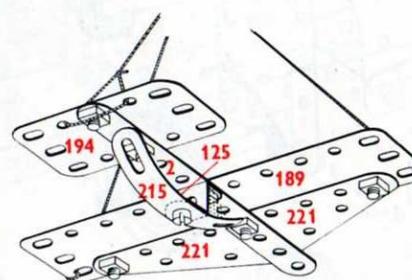
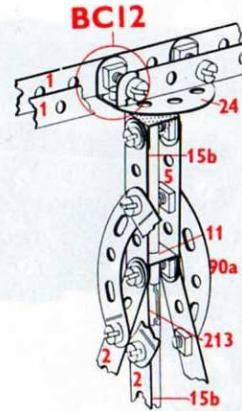
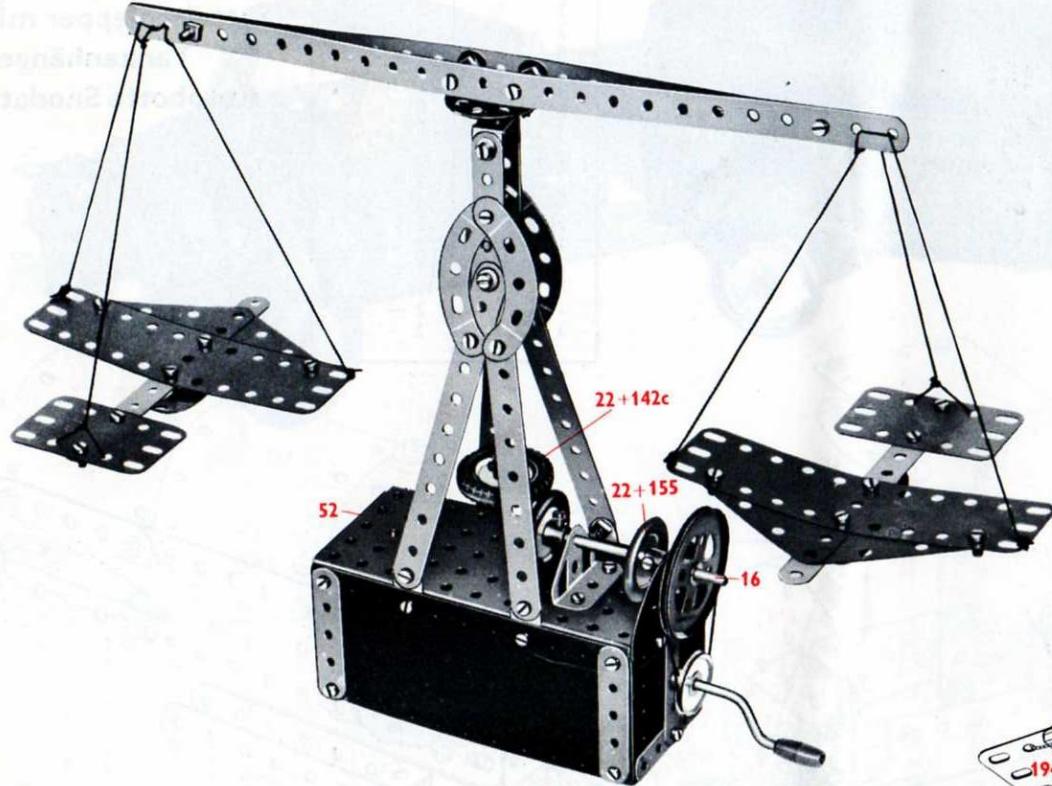
Tankauto, truck met
oplegger
Sattelschlepper mit
Tankanhänger
Autobotte Snodata



3.9	6 - 2	2 - 125
	8 - 5	2 - 126
	2 - 10	2 - 126a
	2 - 11	4 - 142c
	8 - 12	2 - 155
	2 - 16	1 - 176
	1 - 17	2 - 188
	4 - 22	2 - 189
	2 - 22a	1 - 190
	1 - 23	2 - 191
	7 - 35	2 - 192
	60 - 37a	1 - 193
	56 - 37b	2 - 194
	10 - 38	2 - 194a
	2 - 48a	1 - 199
	1 - 52	1 - 212
	2 - 90a	2 - 214
	3 - 111c	2 - 215



**3.10 Revolving Jet Planes/ Manège d'avions/Draaiende Jet-vliegtuigen
Düsenjägerkarussell
Giostra d'Aviogetti**

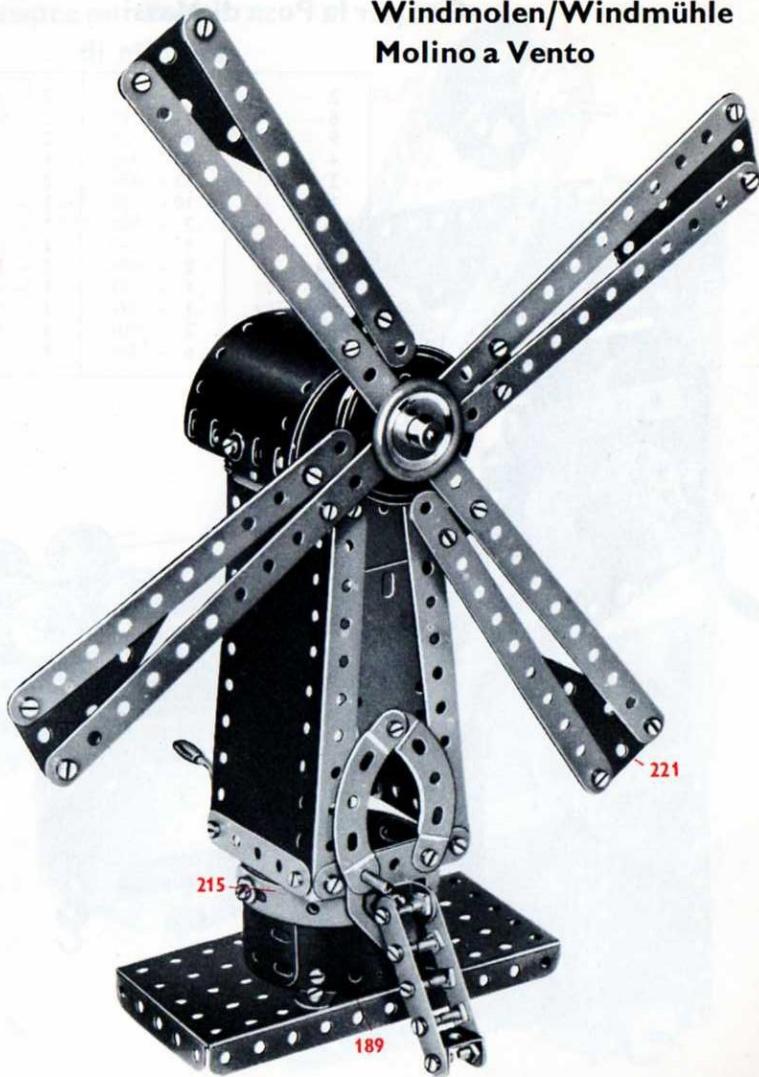
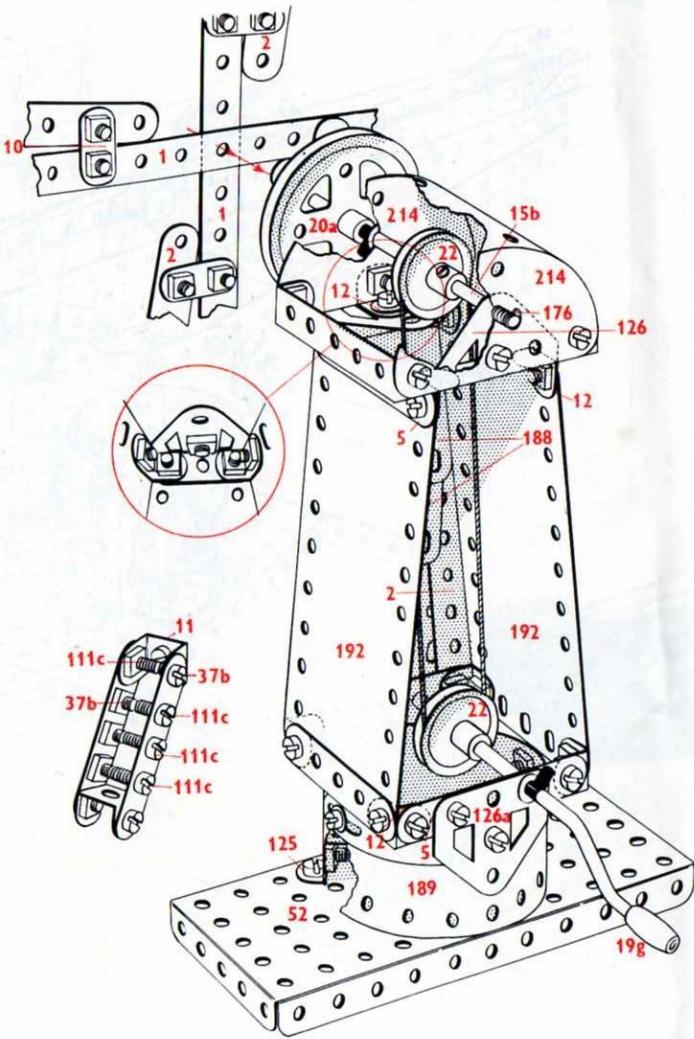


3.10	2 -	1
	6 -	2
	9 -	5
	4 -	10
	2 -	11
	4 -	12
	2 -	15b
	1 -	16
	1 -	19g
	1 -	20a
	4 -	22
	2 -	24
	60 -	37a
	56 -	37b
	6 -	38
	1 -	40
	2 -	48a
	1 -	52
	4 -	90a
	4 -	111c
	2 -	125
	2 -	126
	1 -	142c
	2 -	155
	2 -	188
	2 -	189
	1 -	190
	2 -	192
	2 -	194
	1 -	213
	1 -	214
	2 -	215
	4 -	221

3.11 Windmill/ Moulin à vent Windmolen/Windmühle Molino a Vento

3.11

2	-	1
6	-	2
8	-	5
4	-	10
2	-	11
9	-	12
1	-	15b
1	-	19g
1	-	20a
3	-	22
2	-	35
60	-	37a
54	-	37b
6	-	38
1	-	40
2	-	48a
1	-	52
2	-	90a
6	-	111c
2	-	125
2	-	126
2	-	126a
1	-	155
1	-	176
2	-	188
2	-	189
1	-	191
2	-	192
2	-	214
4	-	215
4	-	221

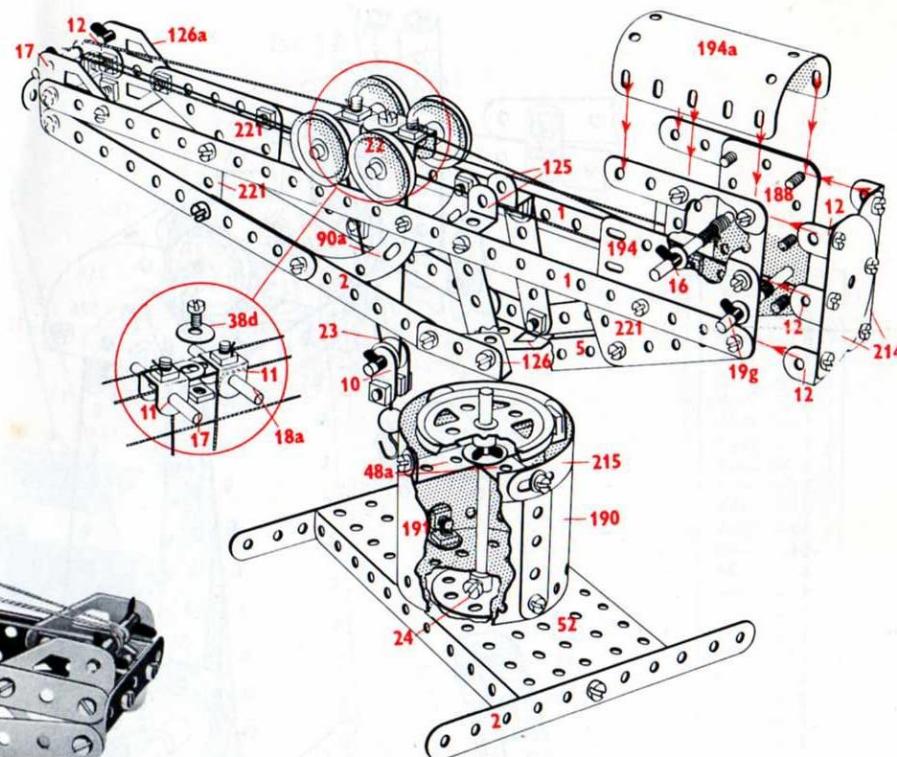
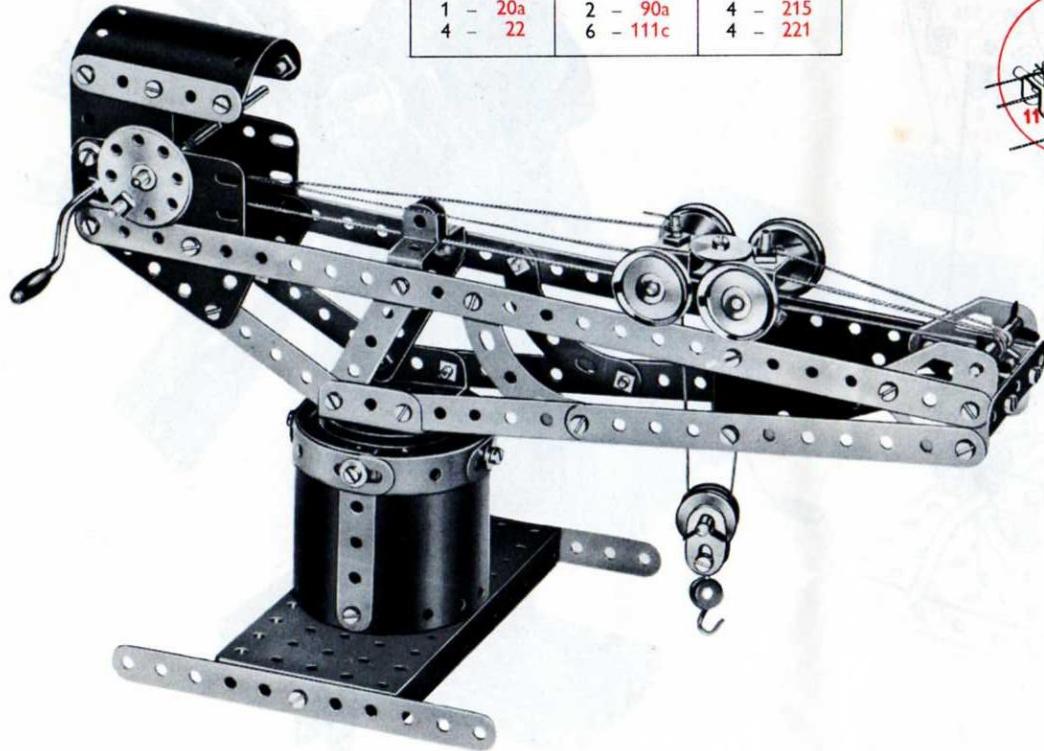


3.12 Block-setting Crane/Grue pour poser de blocs de béton/Zware kraan/Fahrbarer Portaldrehkran

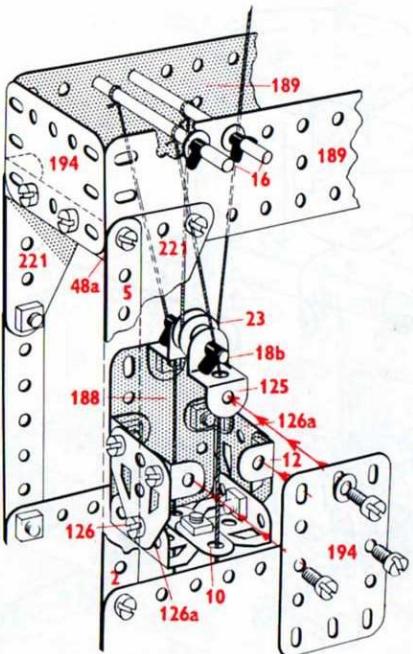
Gru per la Posa di Massi

3.12

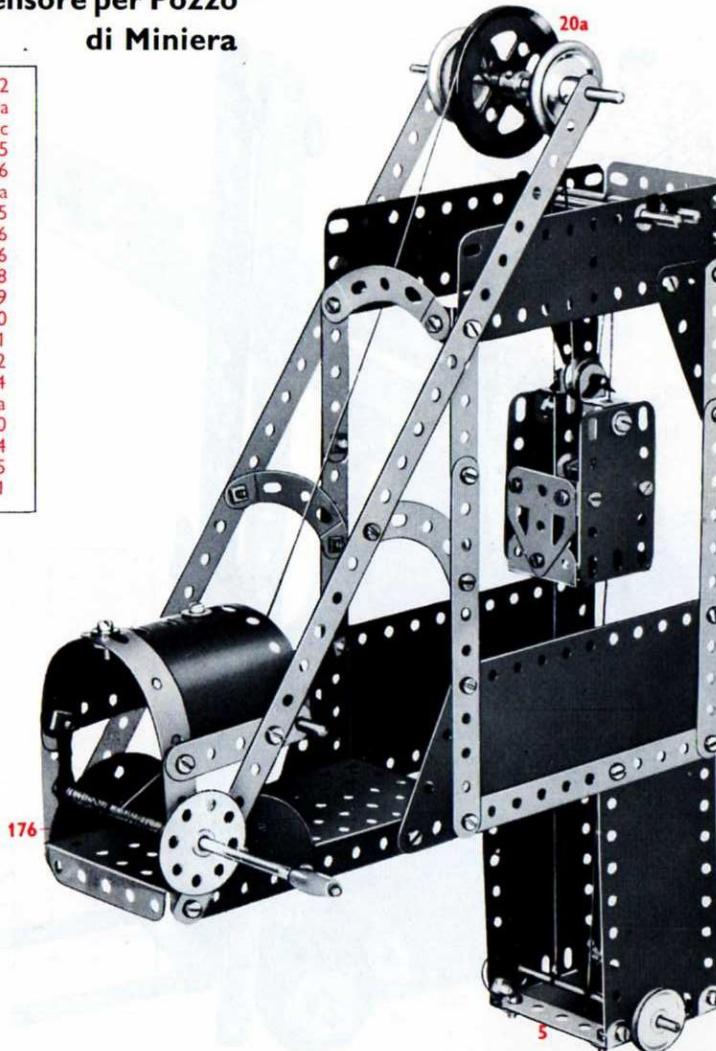
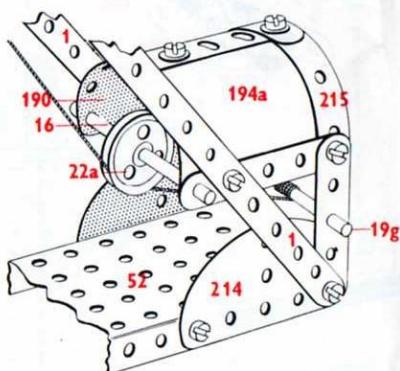
2 -	1	1 -	23	2 -	125
6 -	2	2 -	24	2 -	126
9 -	5	8 -	35	2 -	126a
4 -	10	60 -	37a	1 -	176
2 -	11	52 -	37b	2 -	188
10 -	12	10 -	38	1 -	190
2 -	16	2 -	38d	1 -	191
2 -	17	1 -	40	2 -	194
1 -	18a	2 -	48a	1 -	194a
1 -	18b	1 -	52	1 -	200
1 -	19g	1 -	57c	2 -	214
1 -	20a	2 -	90a	4 -	215
4 -	22	6 -	111c	4 -	221



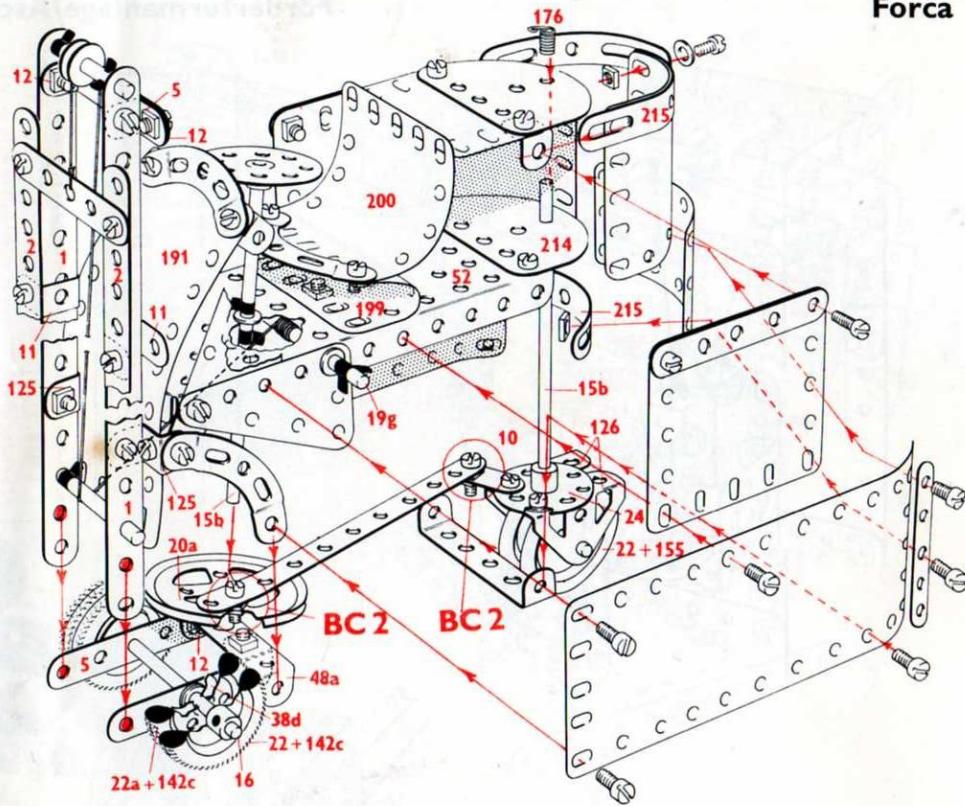
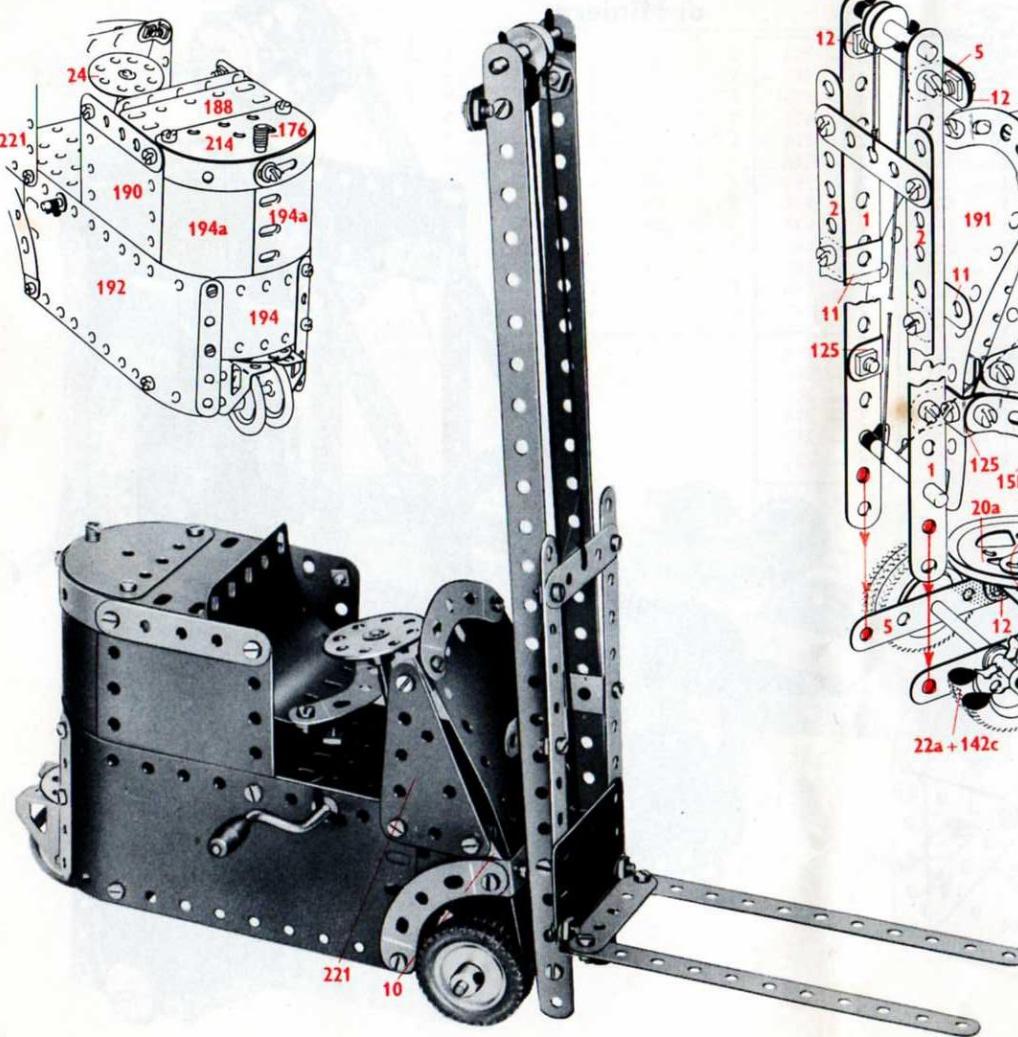
**3.13 Pit-head Gear/Puits de mine/Mijnschacht lift
Förderturmanlage/Ascensore per Pozzo
di Miniera**



3.13	2	1	1	52
	6	2	4	90a
	9	5	4	111c
	2	10	2	125
	10	12	2	126
	2	15b	2	126a
	3	16	2	155
	1	18b	1	176
	1	19g	1	186
	1	20a	2	188
	4	22	2	189
	1	22a	1	190
	1	23	2	191
	1	24	2	192
	8	35	2	194
	60	37a	1	194a
	56	37b	1	200
	10	38	2	214
	1	40	4	215
	2	48a	4	221

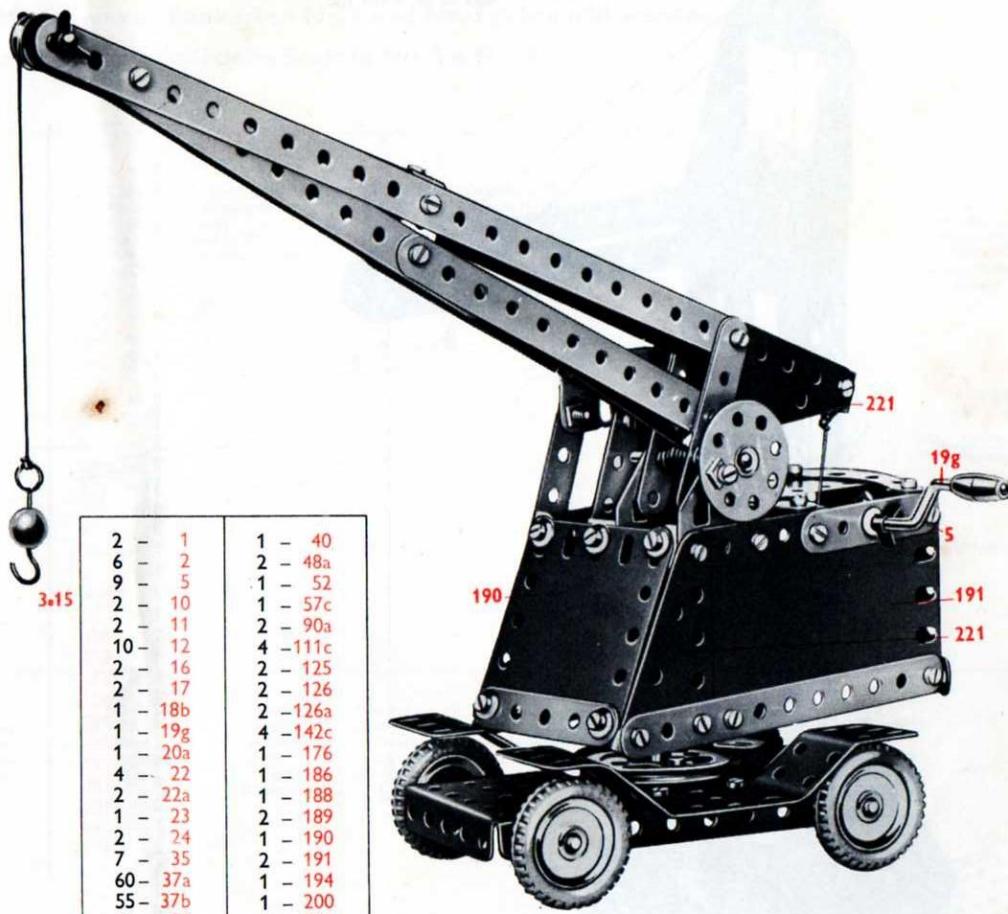
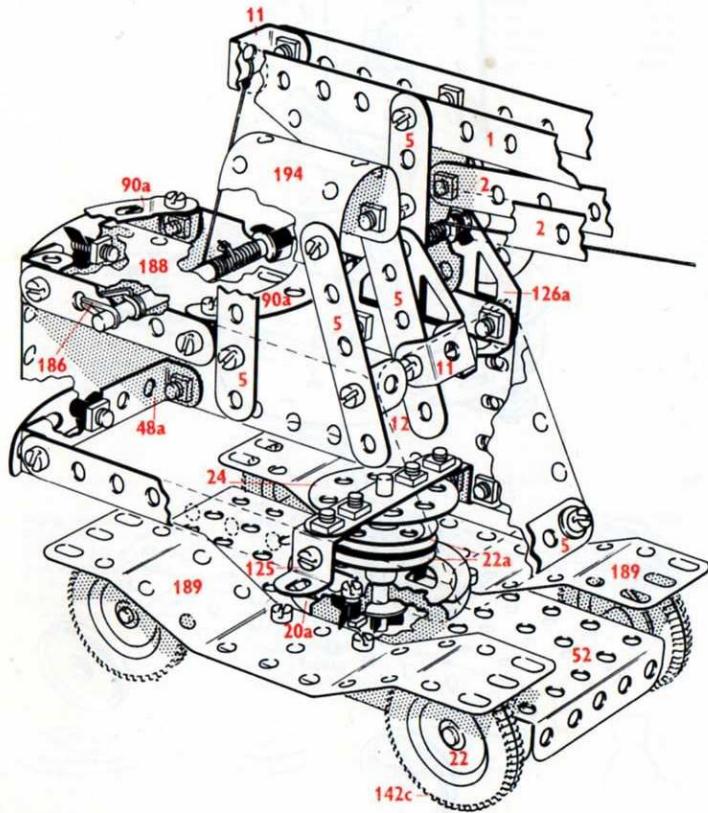


3.14 Fork-lift Truck/Chariot à fourche/Vorkheftruck/Gabelstapler/Carrello con Elevatore a Forca

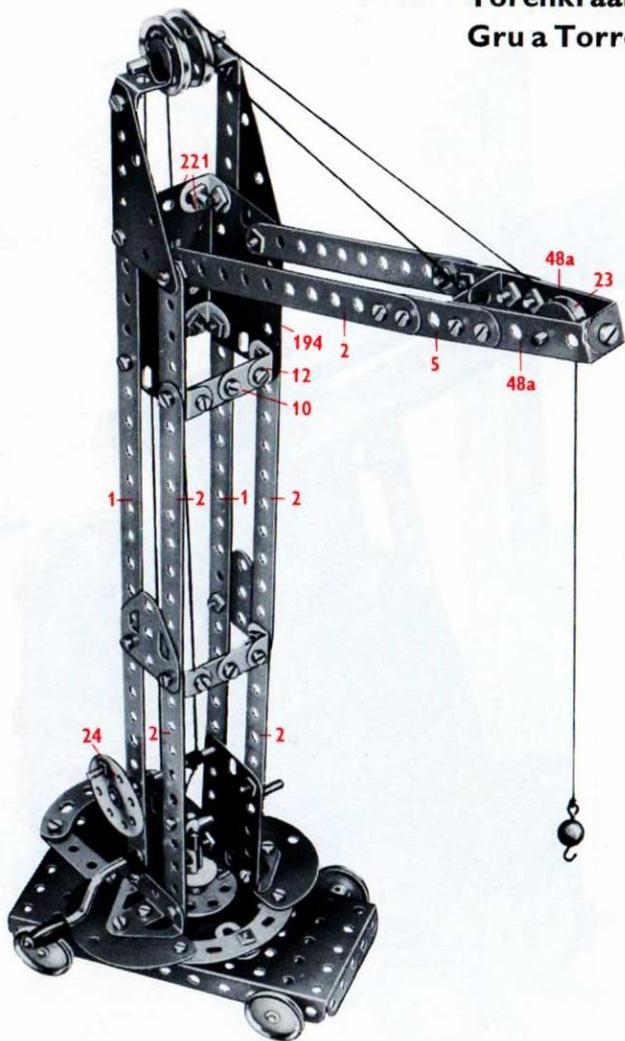


3.14	2 - 1	1 - 20a	2 - 48a	1 - 191
	5 - 2	4 - 22	1 - 52	2 - 192
	9 - 5	2 - 22a	4 - 90a	1 - 194
	3 - 10	1 - 23	3 - 111c	2 - 194a
	2 - 11	2 - 24	2 - 125	1 - 199
	10 - 12	8 - 35	2 - 126	1 - 200
	2 - 15b	60 - 37a	4 - 142c	2 - 214
	1 - 16	55 - 37b	2 - 155	3 - 215
	2 - 17	10 - 38	1 - 176	
	1 - 18a	2 - 38d	2 - 188	
	1 - 19g	1 - 40	2 - 190	4 - 221

**3.15 Mobile Crane/Grue mobile/Rijdende kraan
Fahrbarer Kran/Gru Mobile**

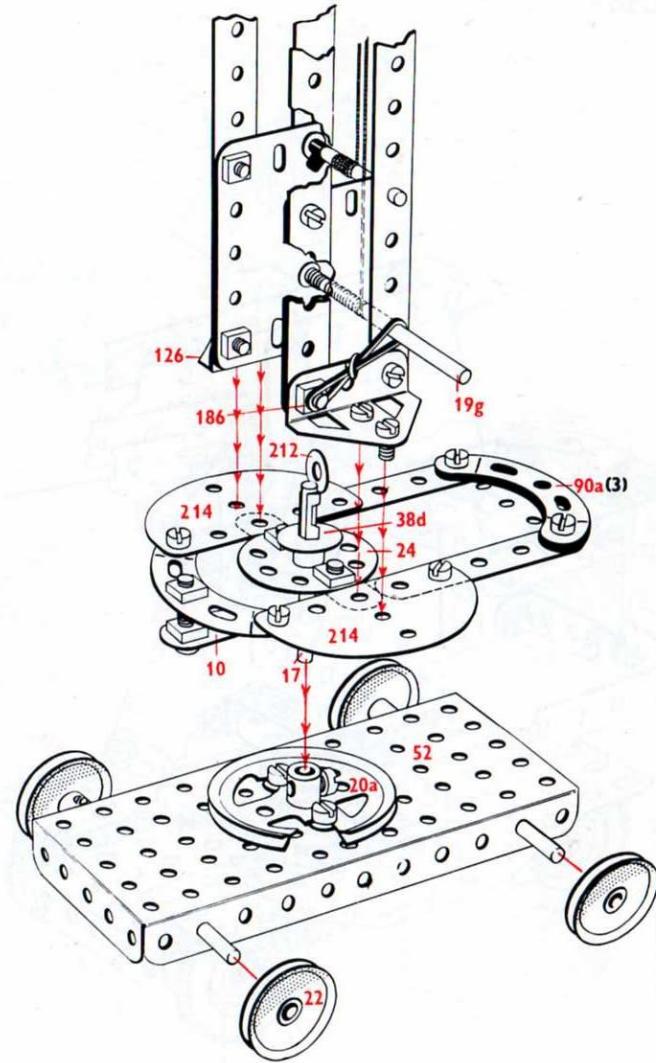


**3.16 Monotower Crane/Grue de chantier
Torenkraan/Turmdrehkran
Gru a Torre**



3.16

2	-	1
6	-	2
9	-	5
5	-	10
8	-	12
2	-	16
2	-	17
1	-	18a
1	-	18b
1	-	19g
1	-	20a
4	-	22
2	-	22a
1	-	23
2	-	24
7	-	35
59	-	37a
48	-	37b
9	-	38
1	-	38d
1	-	40
2	-	48a
1	-	52
1	-	57c
4	-	90a
6	-	111c
2	-	125
2	-	126
2	-	126a
1	-	176
1	-	186
2	-	188
1	-	190
2	-	194
1	-	212
2	-	214
4	-	221



Names and numbers of Meccano parts used in No. 2 and No. 3 Outfit models**Noms et numéros des pièces Meccano utilisées dans les modèles des boîtes no. 2 et no. 3****Namen en nummers van de Meccano onderdelen welke gebruikt worden in de modellen van doos 2 en doos 3****Bezeichnungen und Nummern der Meccano Teile, die zu den Modellen von Baukästen Nr. 2 und Nr. 3 gebraucht werden****Numeri e denominazioni dei pezzi Meccano usati nella costruzione dei modelli delle Scatole No. 2 e No. 3**

Perforated Strip
Bande perforée
Geperforeerde strook
Lochband
Strisce perforate

Fishplate
Support plat
Plat steunstuk
Flache Stütze
Supporto piatto

Double Bracket
Support double
Dubbel steunstuk
Doppelte Winkelstütze
Supporto doppio

Angle Bracket
Equerre
Hoeksteen
Winkelstütze
Squadretta

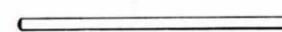
Rods
Tringle
Assen
Stäbe
Assi

Crank Handle (with grip)
Manivelle (avec poignée)
Kruk (met greep)
Handkurbel mit Griff
Manovella con impugnatura speciale

Crank Handle (without grip)
Petite manivelle (sans poignée)
Kruk (zonder greep)
Handkurbel ohne Griff
Manovella

Pulley
Poulie
Riemschijf
Riemscheibe
Puleggia

Pulley (with boss)
Poulie à moyeu
Riemschijf (met naaf)
Riemscheibe (mit Stellschraube)
Puleggia (con vite d'arresto)



1 - $12\frac{1}{2}$ "; 32 cm
2 - $5\frac{1}{2}$ "; 14 cm
5 - $2\frac{1}{2}$ "; 6 cm

10

11

12

15b - $4\frac{1}{2}$ "; 10 cm
16 - $3\frac{1}{2}$ "; 9 cm
17 - $2\frac{1}{2}$ "; 5 cm
18a - $1\frac{1}{2}$ "; 4 cm
18b - 1"; 2,5 cm

19g

19s

20a - 2"; 5 cm

22 - 1"; 25 cm

Pulley (without boss)
Poulie sans moyeu
Riemschijf (zonder naaf)
Riemscheibe (ohne Stellschraube)
Puleggia (senza vite d'arresto)

Pulley (without boss)
Poulie sans moyeu
Riemschijf (zonder naaf)
Riemscheibe (ohne Stellschraube)
Puleggia (senza vite d'arresto)

Bush Wheel
Roue bariillet
Naafbuswiel
Buchsrad
Disco con mozzo

Spring Clip
Clavette
Veerclip
Klemmuffe
Fermaglio a molla

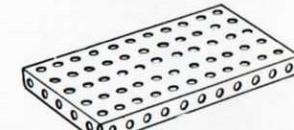
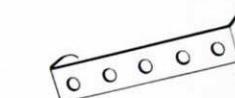
Nut
Ecrou
Moer
Mutter
Dado

Bolt
Boulon
Bout
Schraube
Vite

Washer
Rondelle
Onderlegring
Unterlagscheibe
Rondella

Double Angle Strip
Bande coudeée
Dubbele hoekstrook
Doppelwinkelstreifen
Striscia a piega doppia

Flanged Plate
Plaque à rebords
Flensplaat
Geflanschte Platte
Piastra bordata



22a - 1"; 2,5 cm

23 - $\frac{1}{2}$ "; 1 cm

24

35

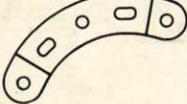
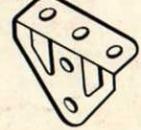
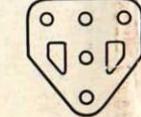
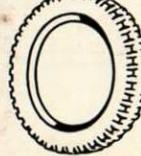
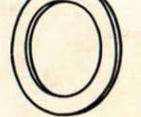
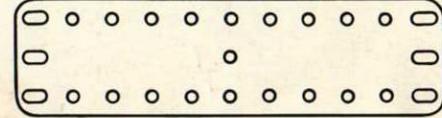
37a

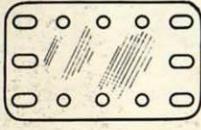
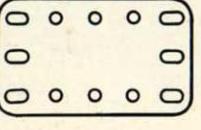
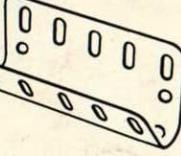
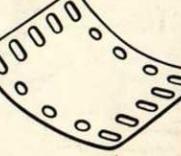
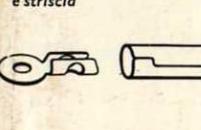
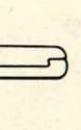
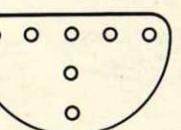
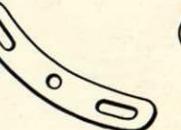
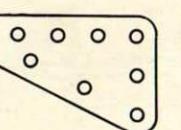
37b

38

38d - $\frac{1}{4}$ "; 2 cm48a - $2\frac{1}{2}$ " x $\frac{1}{2}$ "; 6 cm x 1 cm52 - $5\frac{1}{2}$ " x $2\frac{1}{2}$ "; 14 cm x 6 cm

Names and numbers of Meccano parts used in No. 2 and No. 3 Outfit models**Noms et numéros des pièces Meccano utilisées dans les modèles des boîtes no. 2 et no. 3****Namen en nummers van de Meccano onderdelen welke gebruikt worden in de modellen van doos 2 en doos 3****Bezeichnungen und Nummern der Meccano Teile, die zu den Modellen von Baukästen Nr. 2 und Nr. 3 gebraucht werden****Numeri e denominazioni dei pezzi Meccano usati nella costruzione dei modelli delle Scatole No. 2 e No. 3**

Loaded Hook Petit crochet lesté Haak Belasteter Haken Gancio con peso	Curved Strip (Stepped) Bande incurvée, épaulée Gebogen trapstrook Gekrümmtes Band, gekröpft Striscia curva piegata	Bolt Boulon Bout Schraube Vite	Reversed Angle Bracket Equerre renversée Omgekeerde hoeksteun Umgekehrte Winkelstütze Doppia squadretta	Trunnion coudée Tap Zapfen Supporto triangolare piegato	Fiat Trunnion Embase triangulée plate Vlakke tap Flacher Zapfen Supporto triangolare piatto	Motor Tyre Pneu d'automobile Autoband Autoreifen Gomma per autoeicoli	Rubber Ring Anneau de caoutchouc Rubberband Gummiring Anello di gomma	Cord Anchoring Spring Ressort d'attache pour corde Veeranker voor koord Befestigungs- Feder für Meccano Schnur Molla di fissaggio per cordoncino	Flexible Plate Plaque flexible Buigzame plaat Biegssame Platte Piastra flessibile
									
57c	90a	111c - $\frac{3}{8}$ " ; 1 cm	125	126	126a	142c	155	176	188 - $2\frac{1}{2}$ " x $1\frac{1}{2}$ "; 60 x 38 mm
									189 - $5\frac{1}{2}$ " x $1\frac{1}{2}$ "; 140 x 38 mm
									190 - $2\frac{1}{2}$ " x $2\frac{1}{2}$ "; 6 x 6 cm
									191 - $4\frac{1}{2}$ " x $2\frac{1}{2}$ "; 11.5 x 6 cm
									192 - $5\frac{1}{2}$ " x $2\frac{1}{2}$ "; 14 x 6 cm

Plastic Plate (transparent) Plaque plastique, claire Plastic plaat, transparent Kunststoffplatte, durchsichtig Piastra di plastica, trasparente	Plastic Plate (red) Plaque plastique, rouge Plastic plaat, rood Kunststoffplatte, rot Piastra di plastica, rossa	Curved Plate, U Section Plaque cintrée en "U" Boogplaat, U-vormig Gewölzte Platte, "U"-förmig Piastra curvata ad "U"	Curved Plate Plaque cintrée Boogplaat Gewölzte Platte Piastra curvata	R-Strip and Strip Connector Raccord de tringles et bande As-strook- koppeling Wellen- und Streifen- verbinder Giunto per asse e striscia	Rod Connector Raccord de tringles et bande As-strook- koppeling Wellenverbinder Giunto per assi	Semi-circular Plate Plaque semi-circulaire Halfcirkelplaat Halbkreisförmige Platte Piastra semicircolare	Formed Slotted Strip Bande glissière cintrée Gebogen gleufstrook Gebogener und geschlitzter Streifen Striscia curvata con due fori oblunghi	Triangular Flexible Plate Plaque flexible triangulaire Buigzame, driehoeks sluitplaat Dreieckige biegssame Platte Piastra flessibile triangolare
								
193 - $2\frac{1}{2}$ " x $1\frac{1}{2}$ "; 6 x 4 cm	194 - $2\frac{1}{2}$ " x $1\frac{1}{2}$ "; 6 x 4 cm 194a - $2\frac{1}{2}$ " x $2\frac{1}{2}$ "; 6 x 6 cm	199	200	212	213	214	215	221