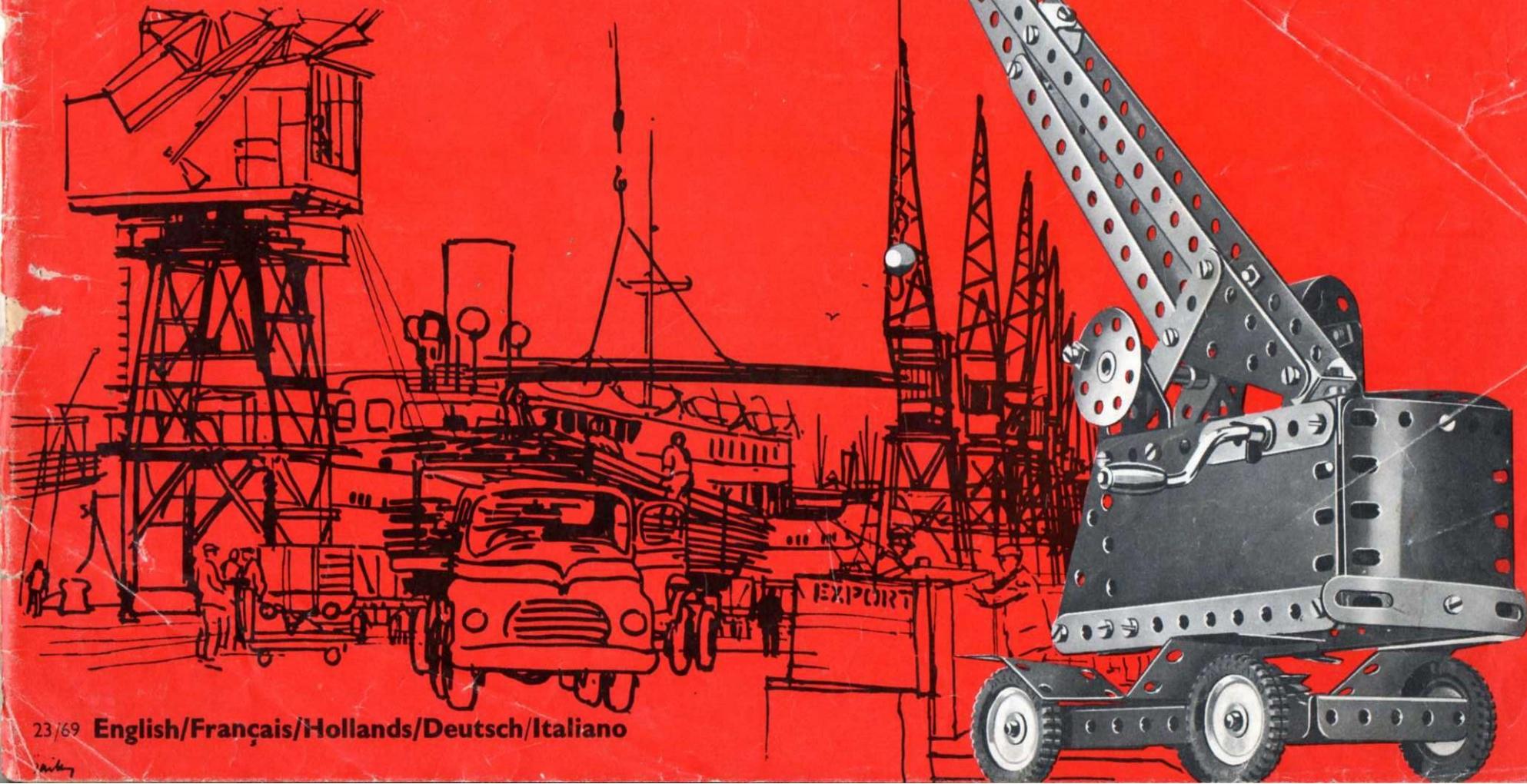


MECCANO®

2/3

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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 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 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 Emebo Electric Motor.

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

Sur la dernière page de la couverture de ce livre, vous retrouverez illustrées les pièces des boîtes 2 et 3, avec leurs noms et leurs numéros. Sur les illustrations qui vous aideront à construire un modèle, vous les reconnaîtrez rapidement mais, en plus, les numéros des pièces sont imprimés en ROUGE. Chaque modèle est accompagné d'une liste des pièces nécessaires pour le construire; les numéros des pièces sont en ROUGE, les quantités en NOIR.

Il y a des montages qui reviennent souvent dans les modèles. Nous les appelons Montages de base et vous les trouverez sur les pages 15 et 16 du livre 1. Ils portent les deux lettres BC et un numéro. Quand vous verrez, par exemple, BC1, BC2, etc. dans un modèle, vous saurez que le montage de cette partie du modèle est semblable à celle du montage avec le même numéro dans le livre 1.

Certains modèles sont construits en éléments séparés. Les différents endroits où ces parties doivent être réunies au boulonnées pour former le modèle complet sont indiqués par des pointilles rouges.

Quelques modèles sont animés par un moteur et sur les illustrations le type des moteurs est indiqué de la façon suivante:

M1 = Moteur Magic; M2 = Moteur mécanique No. 1; M3 = Moteur électrique; M4 = Moteur électrique Emebo.

Les modèles pour la Boîte 2 aux pages 1-8; Les modèles pour la Boîte 3 aux pages 9-24.

Het Gebruik Van Dit Boek

Afbeeldingen van onderdelen uit uitrusting 2 en 3 staan op de achterkant van dit boek aangegeven. In de illustraties heeft ieder onderdeeltje een rood code nummer. De benodigde hoeveelheden worden in zwart aangegeven. Meccano basis constructies worden gereeld 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. 1. Sommige modellen zijn geconstrueerd in aparte eenheden. Waar ze aaneen geschroefd worden, wordt door rode punten 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 nötigen 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 Meccano-Grundkonstruktionen genannt und auf Seiten 15 und 16 des Modellbuches Nr. 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. 1. Einige Modelle sind zur Vereinfachung in getrennten 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 Zaubermotor; M2 = Meccano Federmotor Nr. 1; M3 = Meccano Elektromotor; M4 = Meccano Elektromotor Emebo.

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 Nrs. 2 e 3. Di ciascun pezzo è indicato il relativo numero do 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. 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. 1.

Vari 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

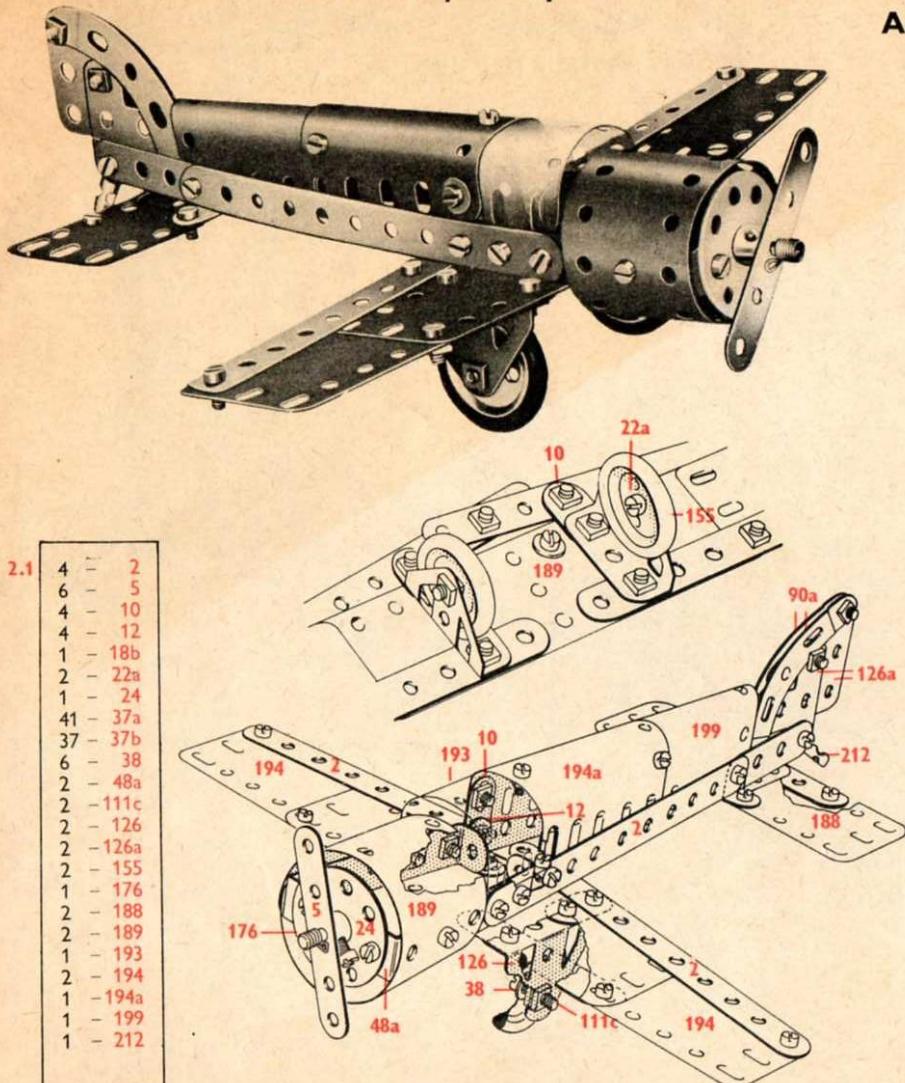
Inhoud van de uitrusting 2 en 3

Inhalt der Baukästen 2 und 3

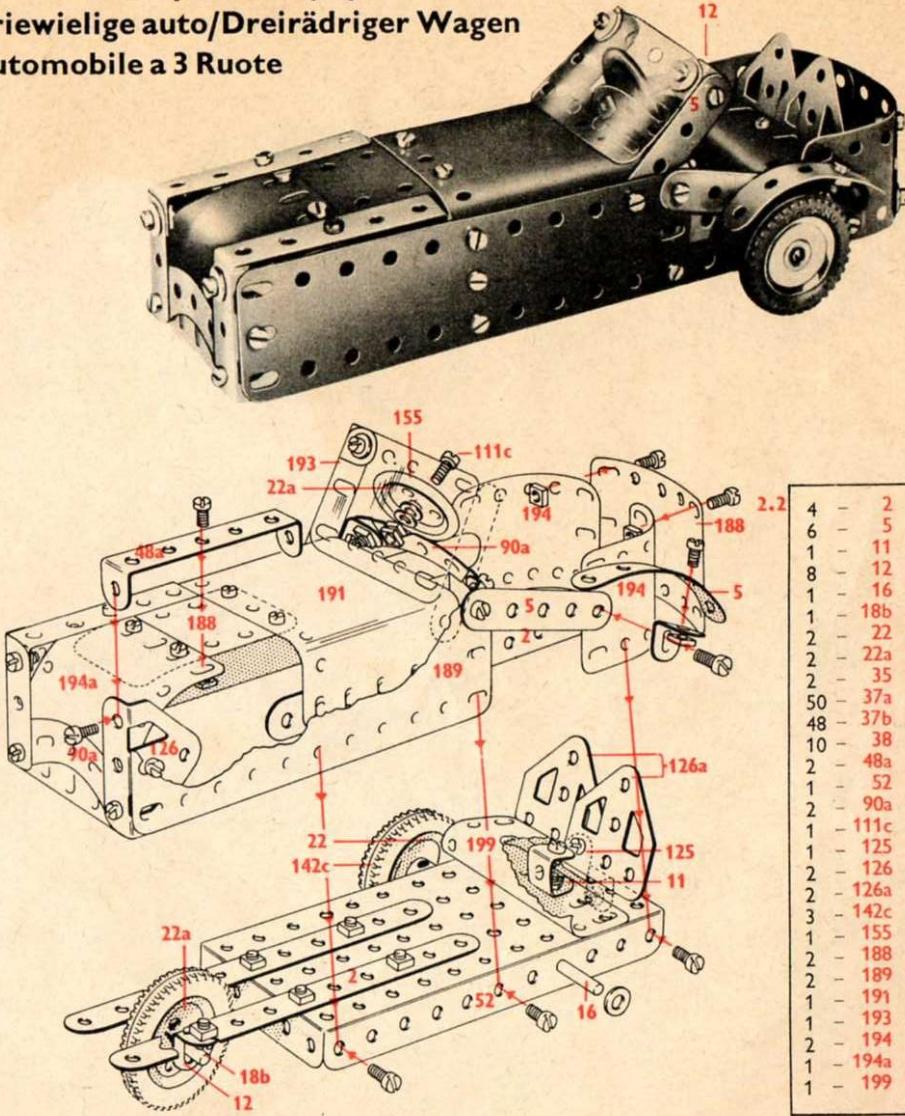
Elenco dei pezzi contenuti nelle Scatole 2 e 3

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

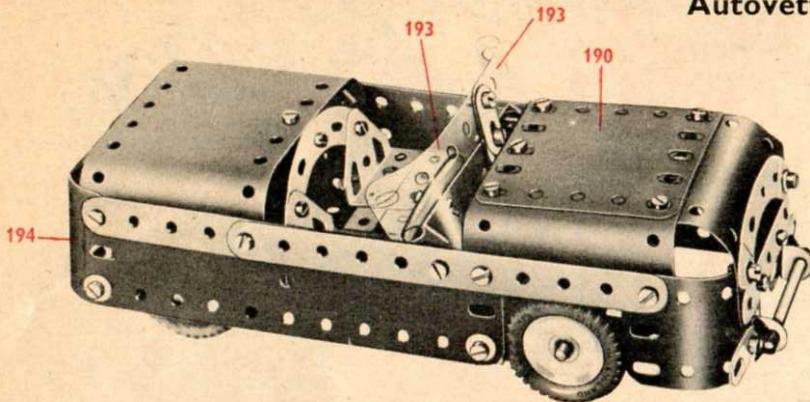
**2.1 Monoplane/Avion/Eéndekker
Eindecker/Monoplano**



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

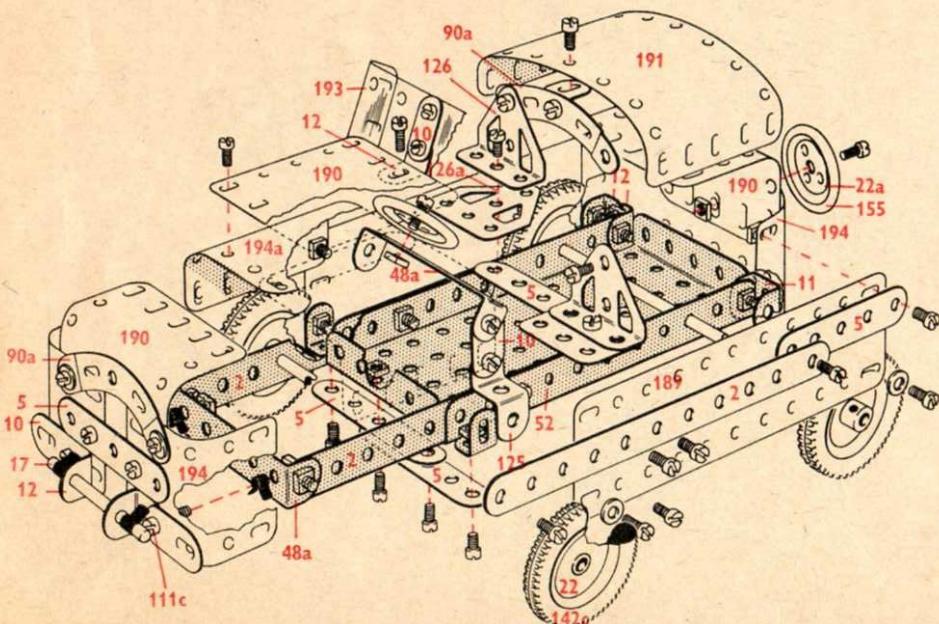


2.3 Sports Car/Voiture grand sport/Sportauto/Sportwagen Avtovettura Sport

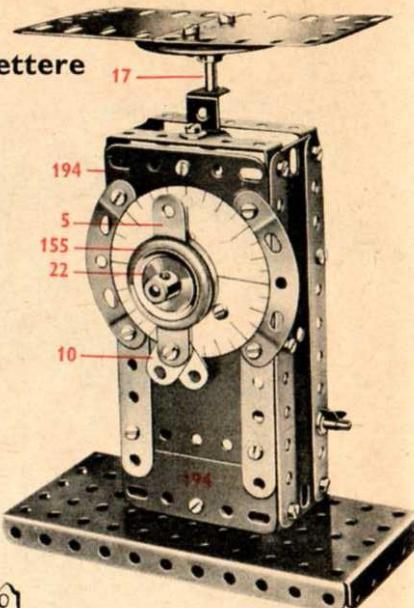
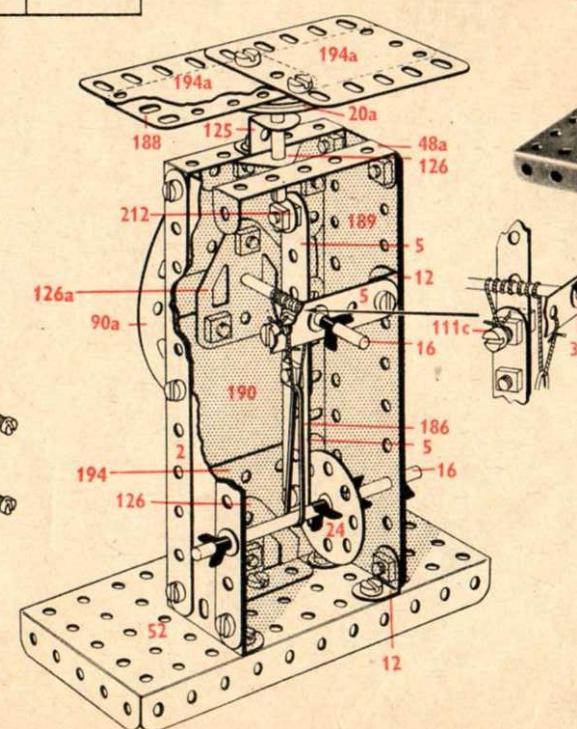


2.3

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

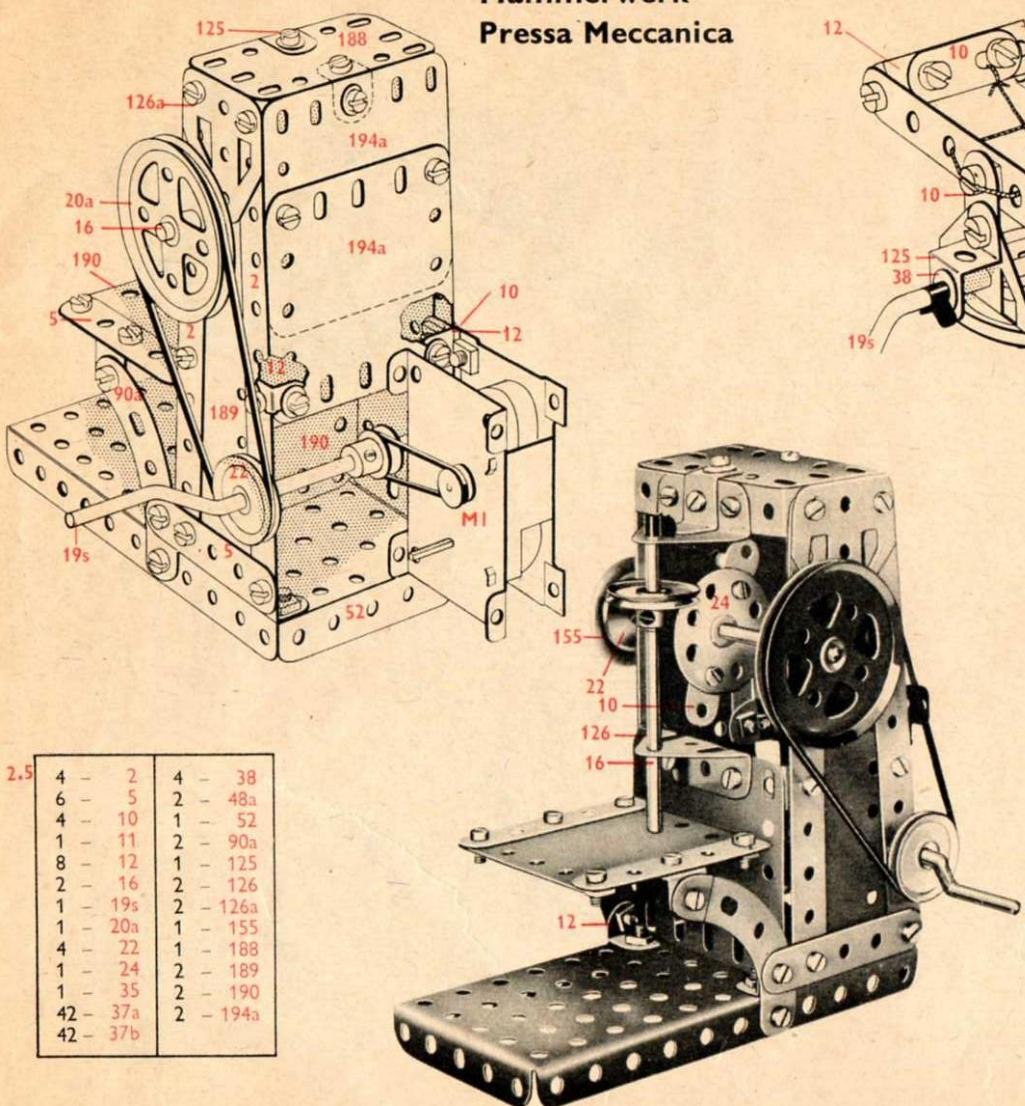


2.4 Letter Balance/Pèse-lettres Brievenweger Briefwaage Bilancia per Lettere

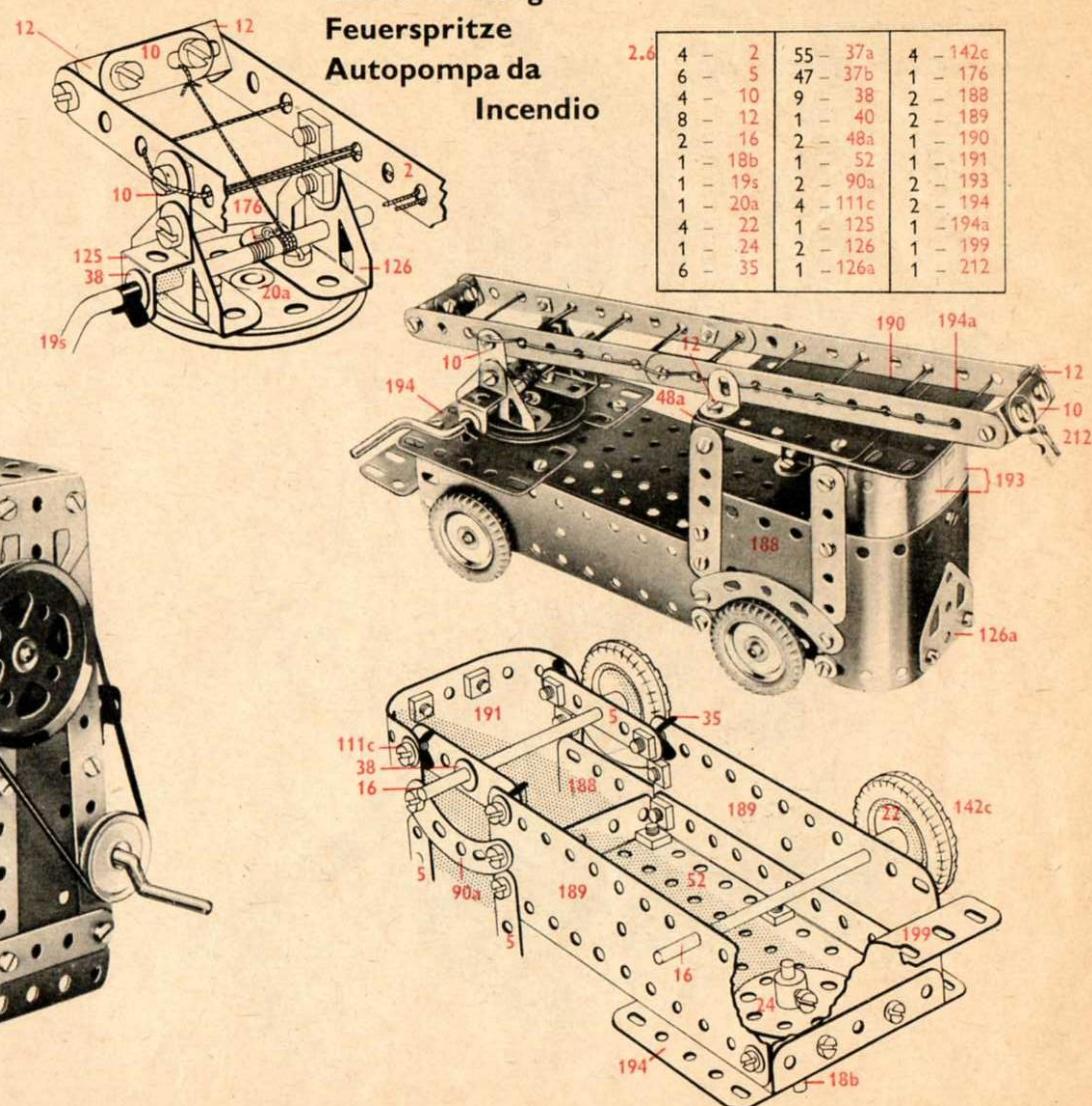


4 -	2	1 -	52
6 -	5	2 -	90a
2 -	10	1 -	111c
6 -	12	1 -	125
2 -	16	2 -	126
1 -	17	1 -	126a
1 -	20a	2 -	155
2 -	22	1 -	186
1 -	24	2 -	188
5 -	35	2 -	189
39 -	37a	1 -	190
35 -	37b	2 -	194
5 -	38	2 -	194a
1 -	40	1 -	212
2 -	48a		

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



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

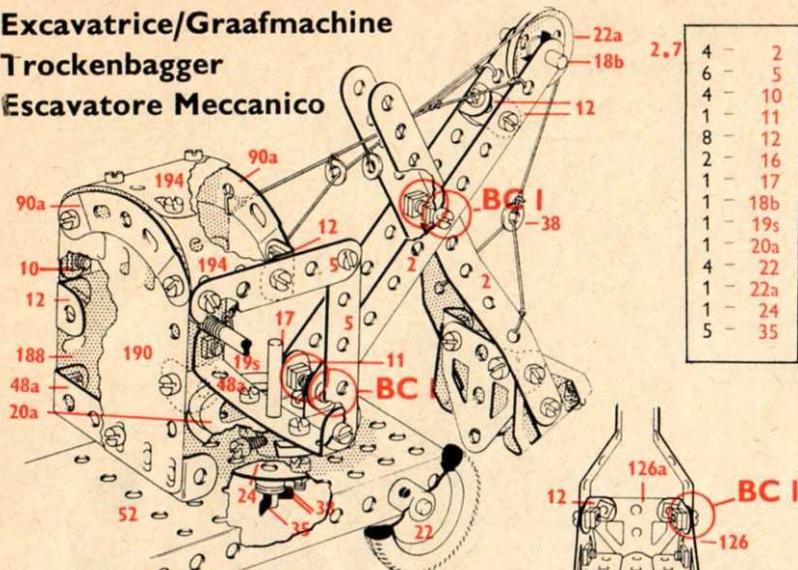


2.7 Mechanical Excavator

Excavatrice/Graafmachine

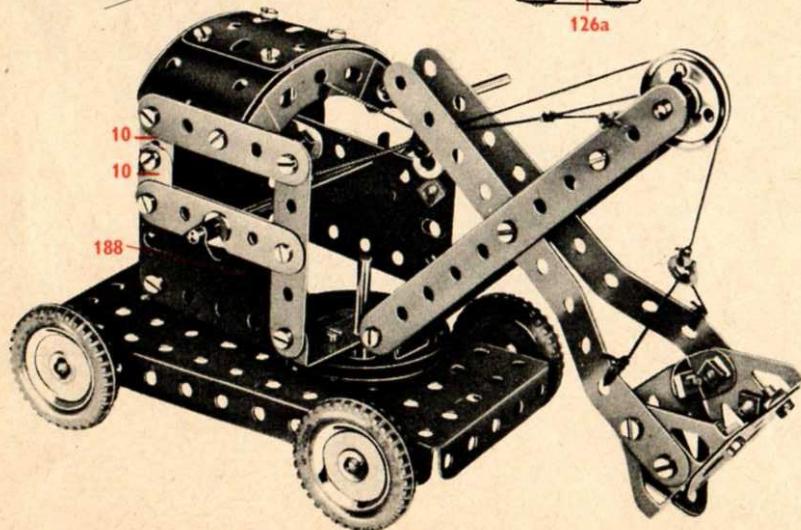
Trockenbagger

Escavatore Meccanico



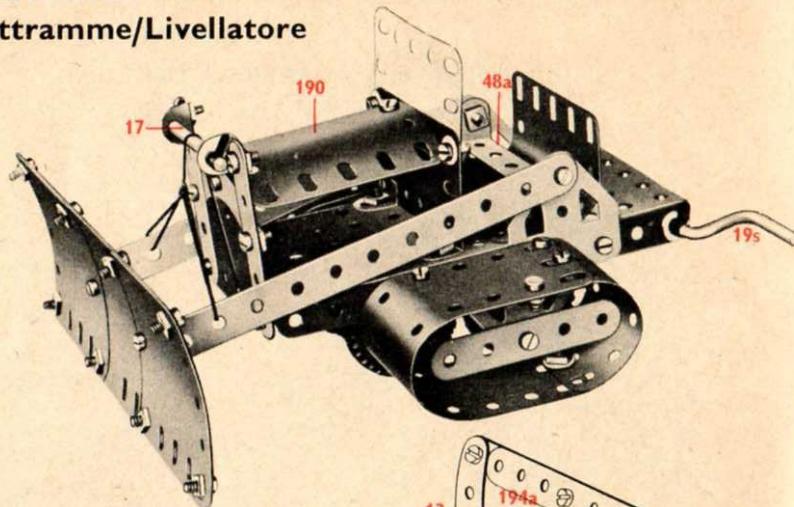
2.7

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

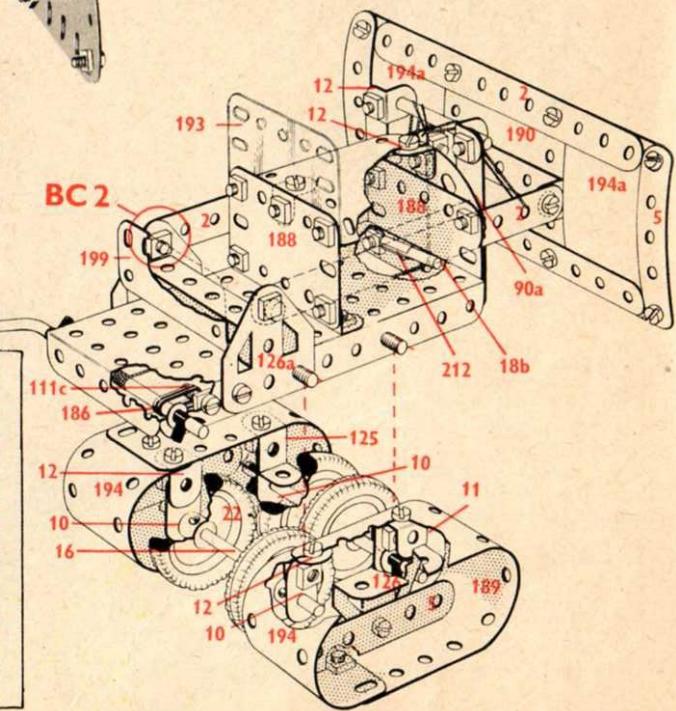


2.8 Bulldozer

Schuttramme/Livellatore

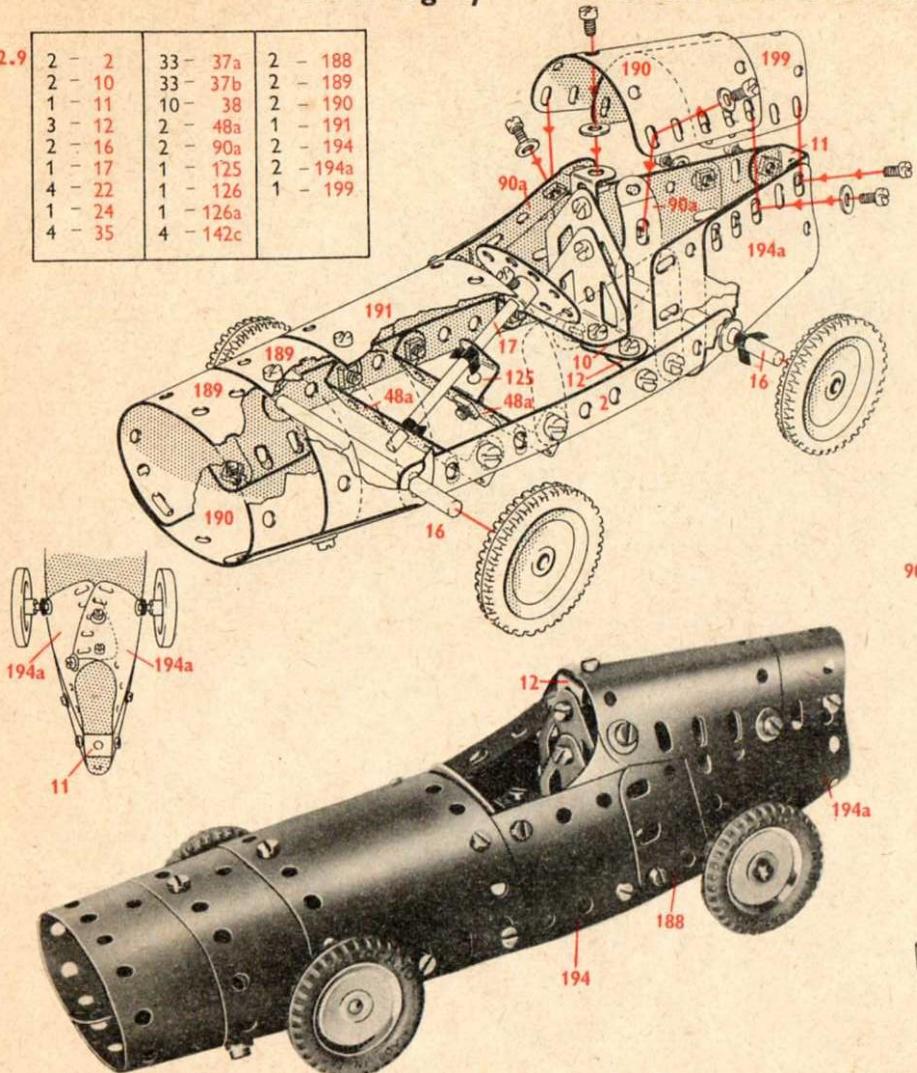


4 -	2	1 -	52
6 -	5	1 -	90a
4 -	10	3 -	111c
1 -	11	1 -	125
8 -	12	2 -	126
2 -	16	2 -	126a
1 -	17	4 -	142c
1 -	18b	1 -	186
1 -	19s	2 -	188
4 -	22	2 -	189
6 -	35	2 -	190
50 -	37a	1 -	193
45 -	37b	2 -	194
10 -	38	2 -	194a
1 -	40	1 -	199
2 -	48a	1 -	212

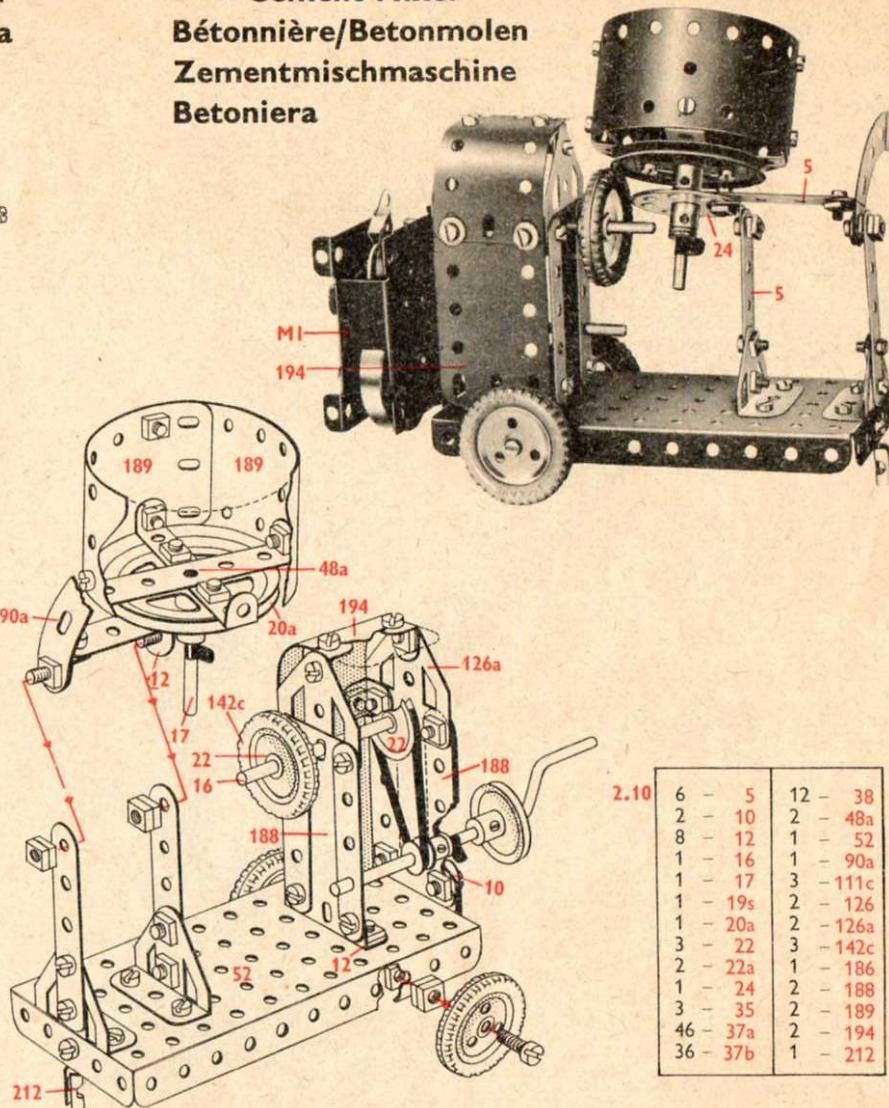


**2.9 Racing Car/Voiture de course/Racewagen
Rennwagen/Automobile da Corsa**

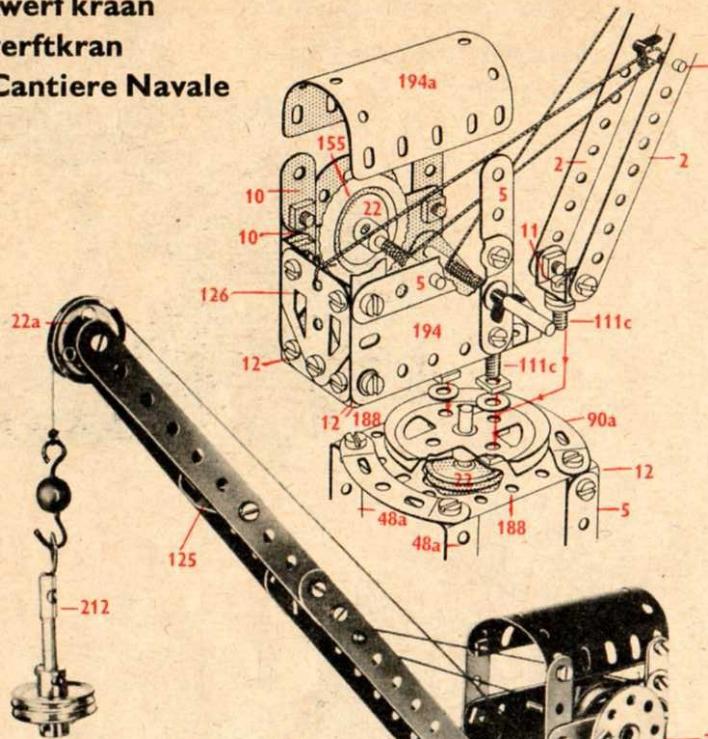
2 - 2	33 - 37a	2 - 188
2 - 10	33 - 37b	2 - 189
1 - 11	10 - 38	2 - 190
3 - 12	2 - 48a	1 - 191
2 - 16	2 - 90a	2 - 194
1 - 17	1 - 125	2 - 194a
4 - 22	1 - 126	1 - 199
1 - 24	1 - 126a	
4 - 35	4 - 142c	



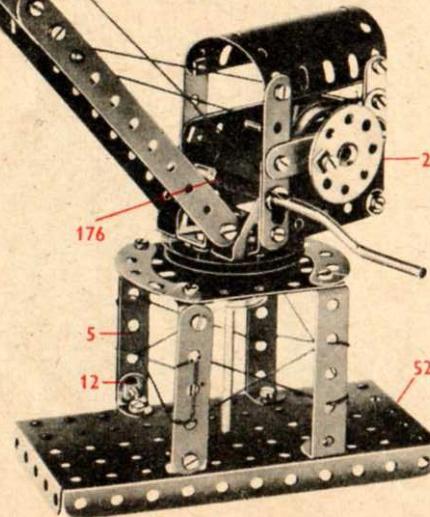
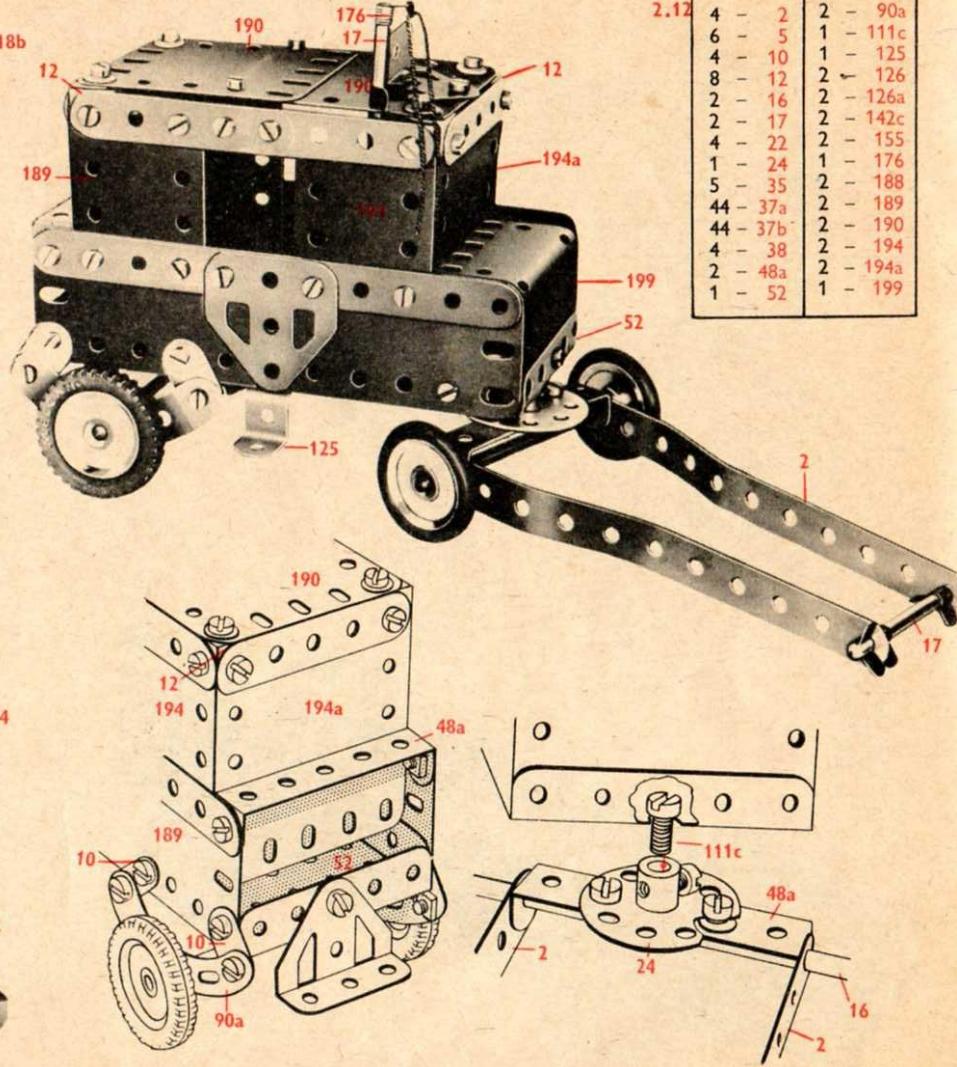
**2.10 Cement Mixer/Bétonnière/Betonmolen
Zementmischmaschine/Betoniera**



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

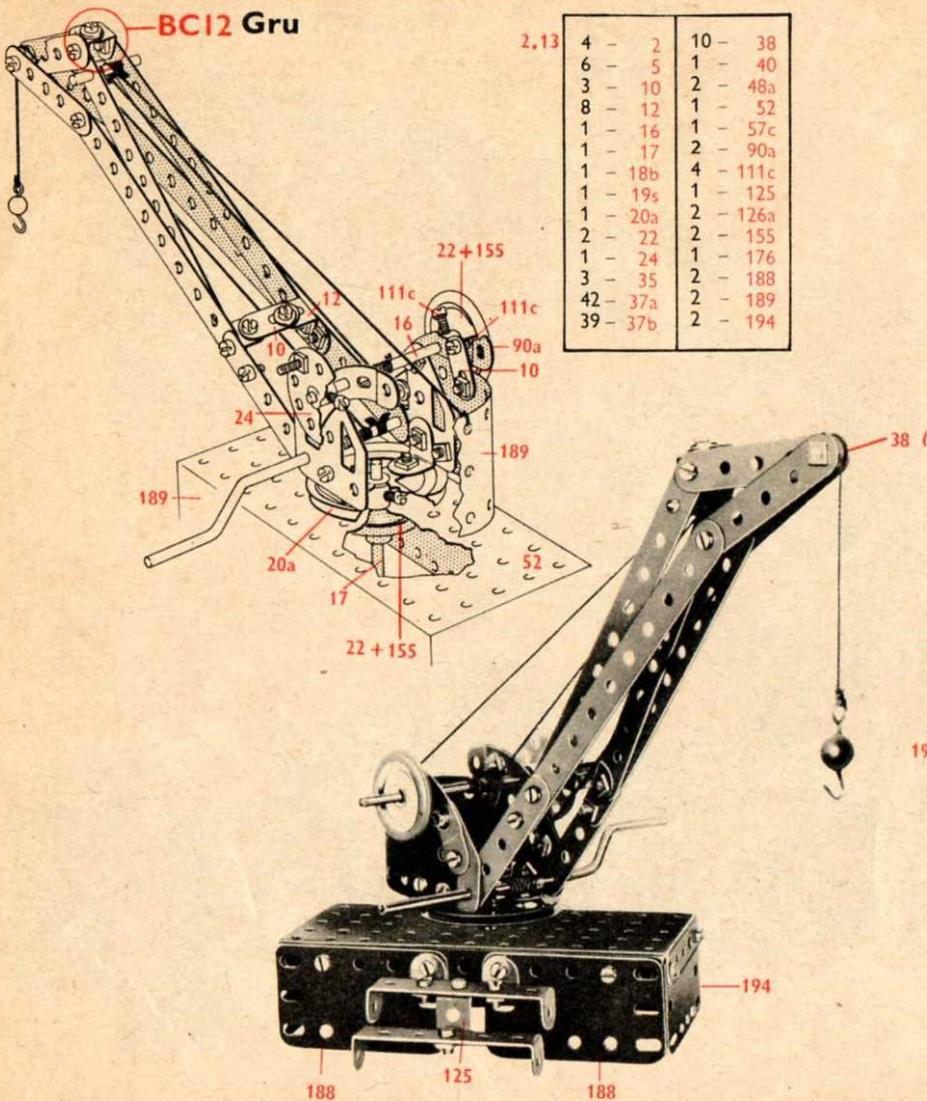
2.11 Shipyard Crane/Grue de chantier naval**Scheepswerf kraan****Schiffswerftkran****Gru da Cantine Navale**

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**

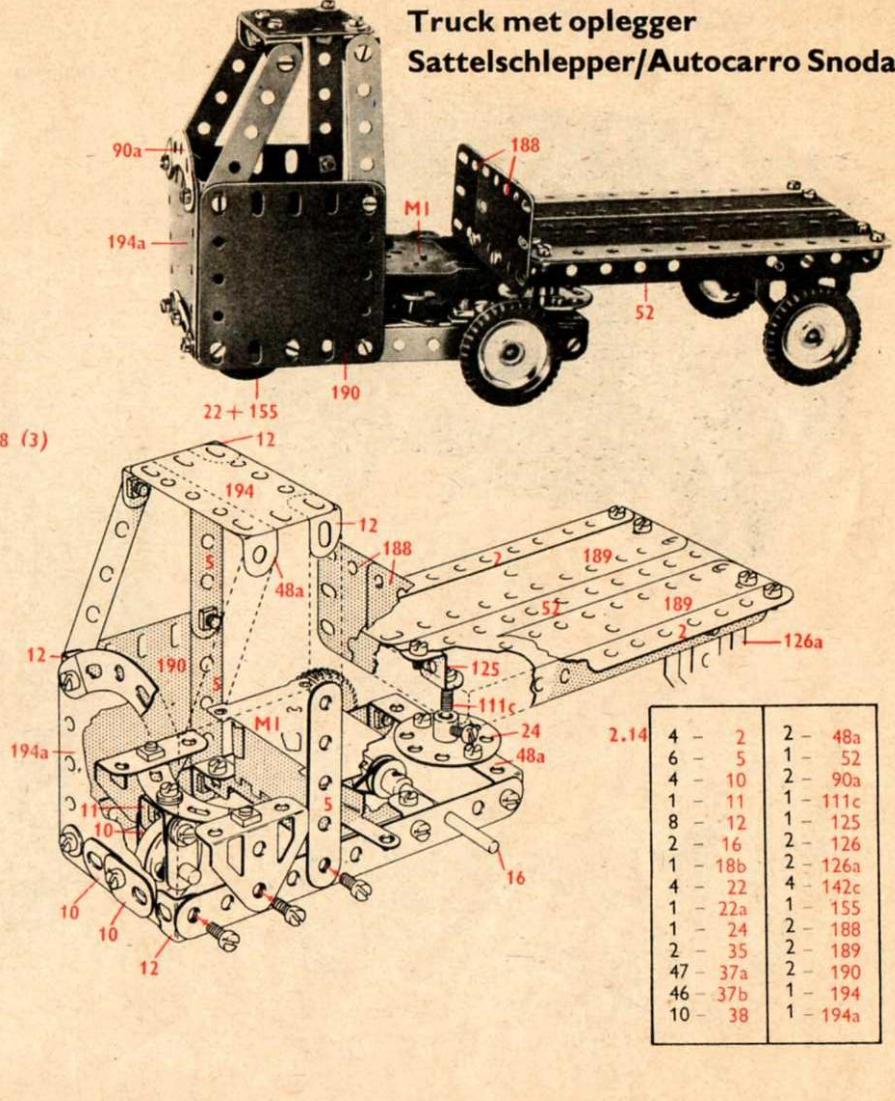
2.12	4 -	2	2 - 90a
	6 -	5	1 - 111c
	4 -	10	1 - 125
	8 -	12	2 - 126
	2 -	16	2 - 126a
	2 -	17	2 - 142c
	4 -	22	2 - 155
	1 -	24	1 - 176
	5 -	35	2 - 188
	44 -	37a	2 - 189
	44 -	37b	2 - 190
	4 -	38	2 - 194
	2 -	48a	2 - 194a
	1 -	52	1 - 199

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

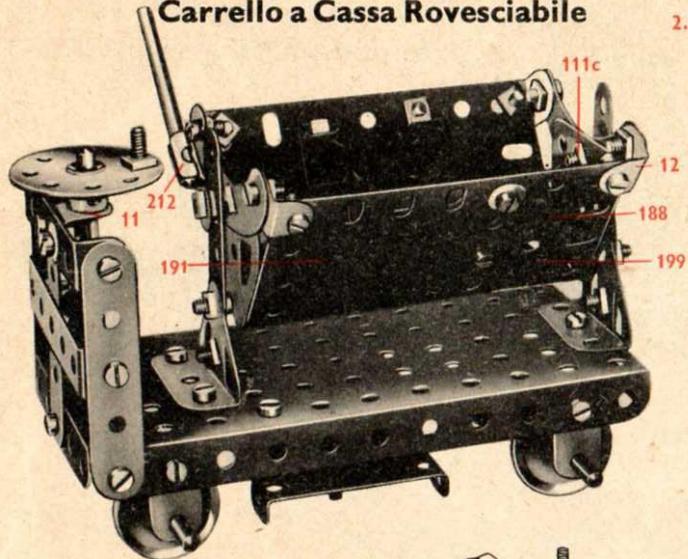


4 -	2	10 -	38
6 -	5	1 -	40
3 -	10	2 -	48a
8 -	12	1 -	52
1 -	16	1 -	57c
1 -	17	2 -	90a
1 -	18b	4 -	111c
1 -	19s	1 -	125
1 -	20a	2 -	126a
2 -	22	2 -	155
1 -	24	1 -	176
3 -	35	2 -	188
42 -	37a	2 -	189
39 -	37b	2 -	194

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

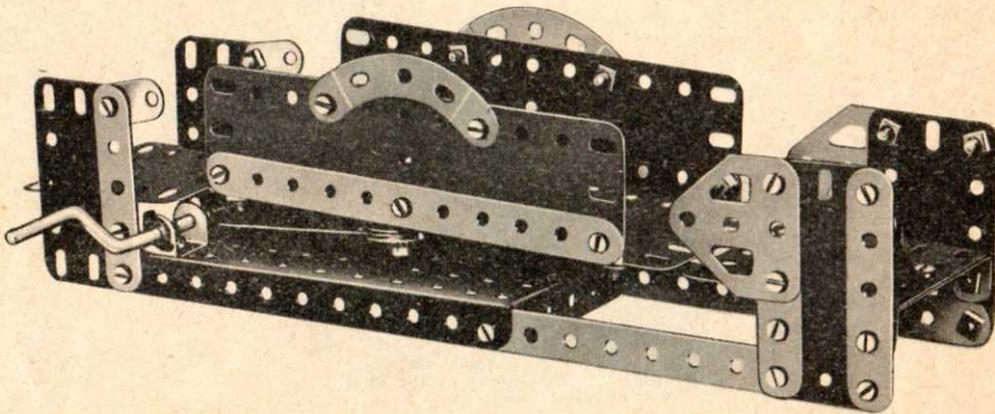
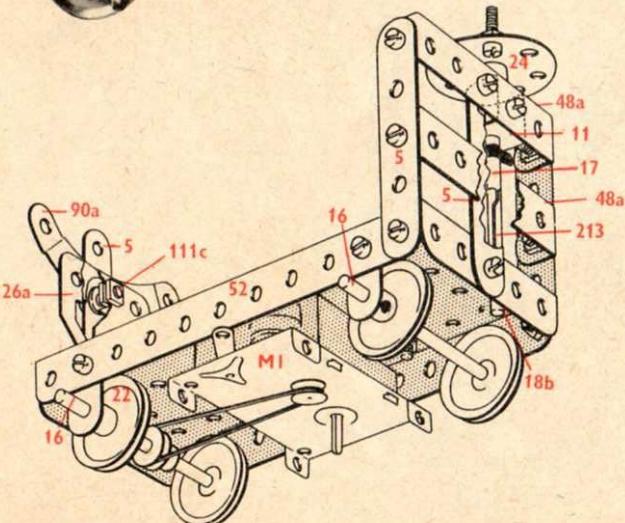


4 -	2	2 -	48a
6 -	5	1 -	52
4 -	10	2 -	90a
1 -	11	1 -	111c
8 -	12	1 -	125
2 -	16	2 -	126
1 -	18b	2 -	126a
4 -	22	4 -	142c
1 -	22a	1 -	155
1 -	24	2 -	188
2 -	35	2 -	189
47 -	37a	2 -	190
46 -	37b	1 -	194
10 -	38	1 -	194a

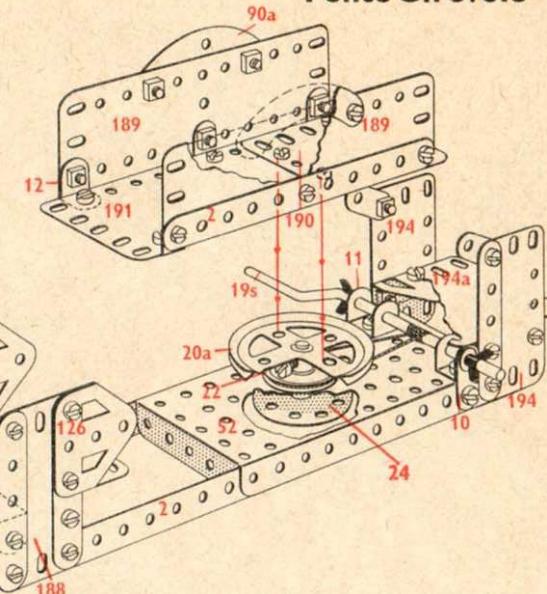
2.15 Side-tipping Truck/Chariot à benne basculant latéralement**Kipwagen/Kippkarren****Carrello a Cassa Rovesciabile**

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**

4	2
6	5
3	10
1	11
6	12
1	18b
1	19s
1	20a
1	22
1	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
1	194c

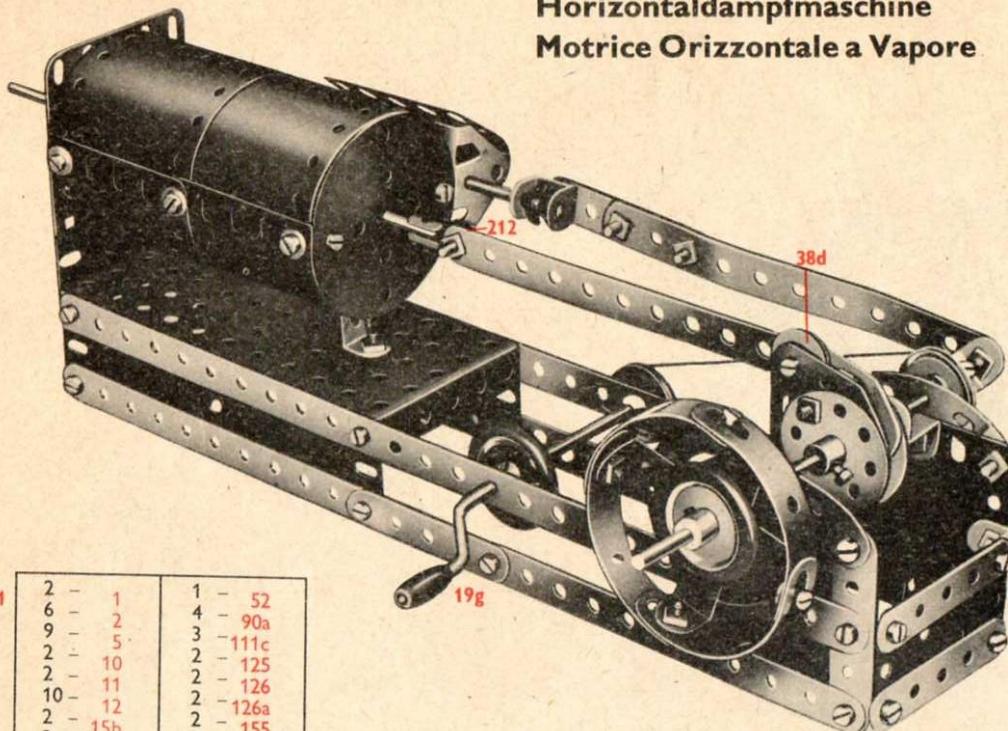


3.1 Horizontal Steam Engine/Machine à vapeur horizontale

Horizontale stoommachine

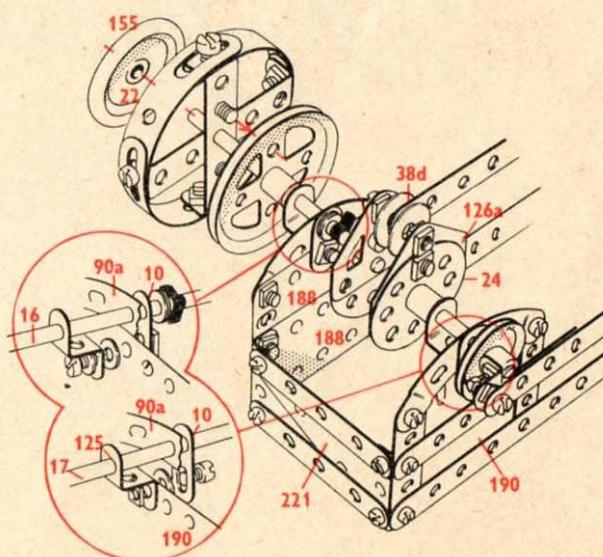
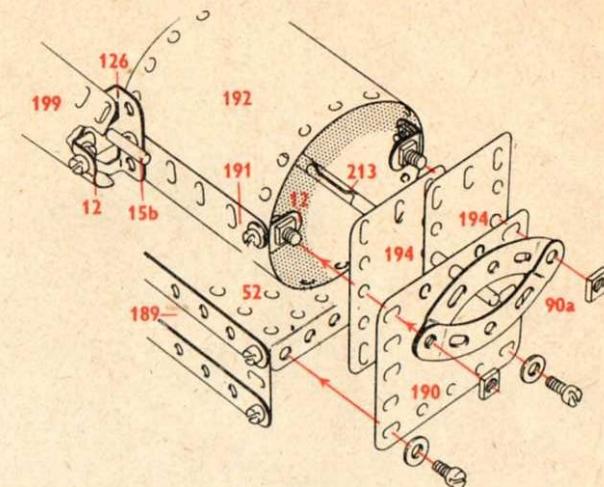
Horizontal dampfmaschine

Motrice Orizzontale a Vapore

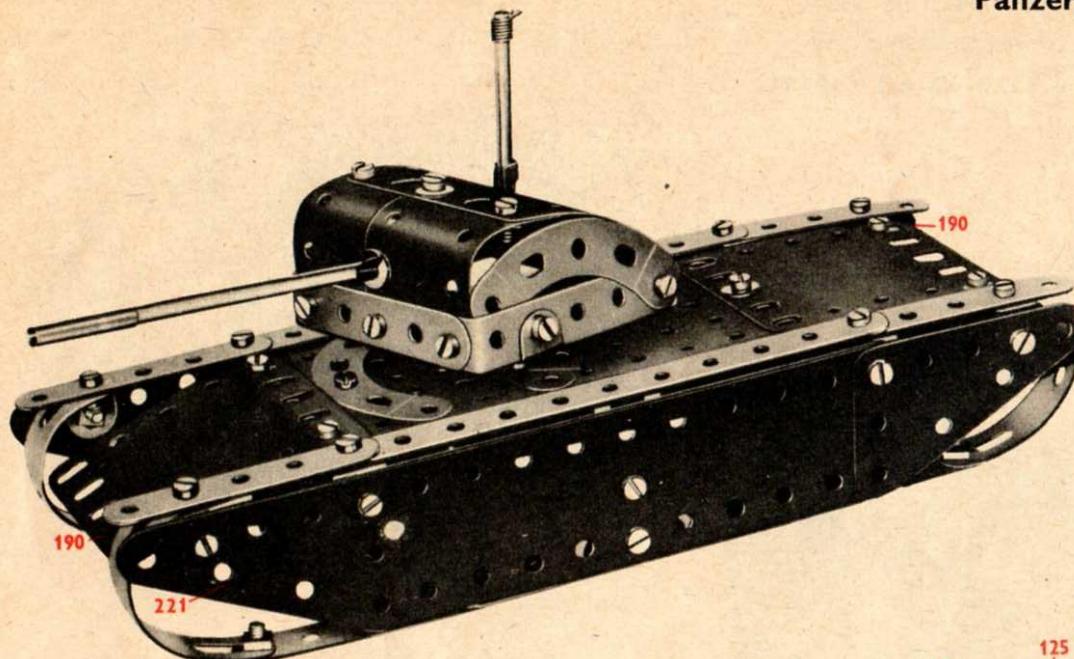


3.1

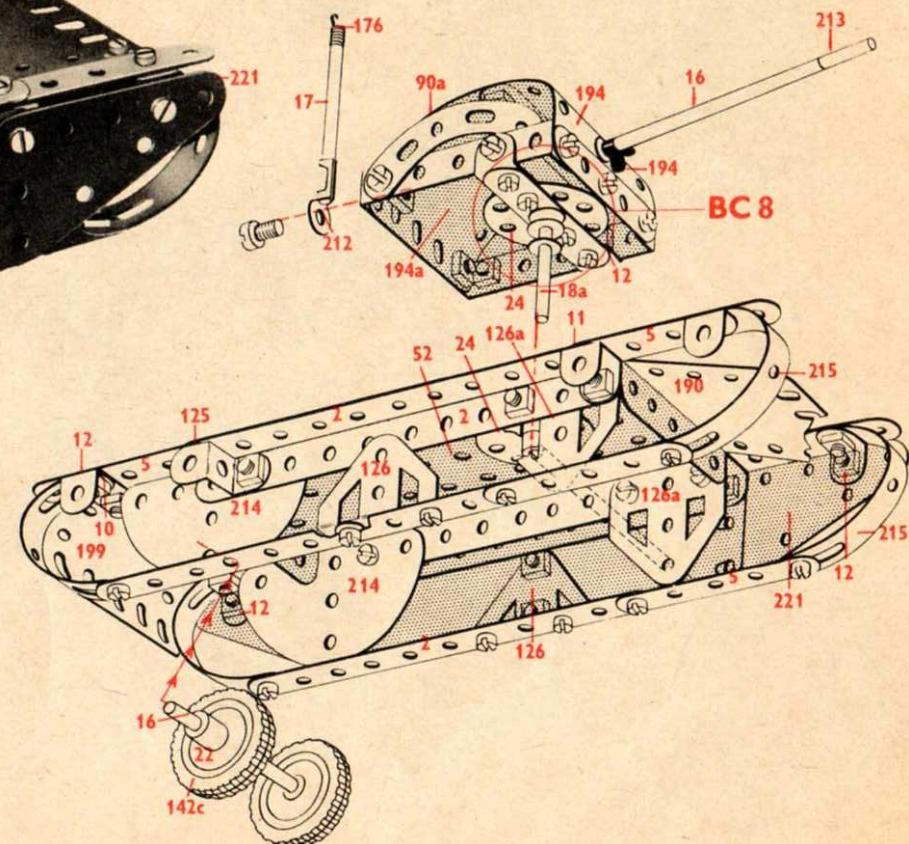
2	-	1	1	-	52
6	-	2	4	-	90a
9	-	5	3	-	111c
2	-	10	2	-	125
2	-	11	2	-	126
10	-	12	2	-	126a
2	-	15b	2	-	155
2	-	16	2	-	188
1	-	17	2	-	189
1	-	19s	2	-	190
1	-	20a	2	-	191
4	-	22	2	-	192
2	-	24	2	-	194
4	-	35	1	-	199
60	-	37a	1	-	212
53	-	37b	1	-	213
9	-	38	2	-	214
2	-	38d	4	-	215
1	-	40	2	-	221
2	-	48a			



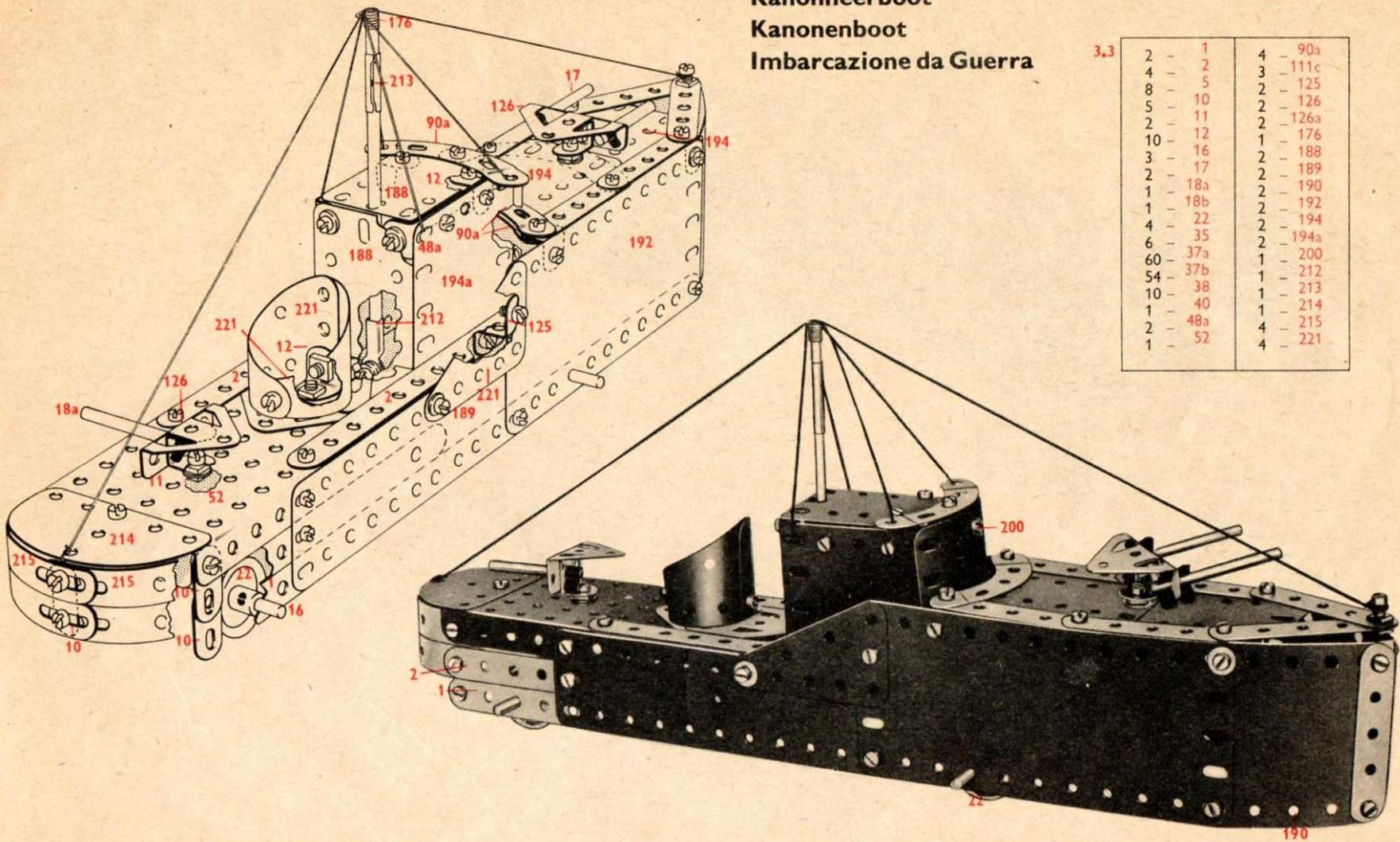
**3.2 Tank/Char de combat
Panzer/Carro Armato**



3.2	6 - 2	59 - 37a	2 - 189
	9 - 5	56 - 37b	2 - 190
	3 - 10	8 - 38	2 - 194
	2 - 11	2 - 48a	1 - 194a
	8 - 12	1 - 52	1 - 199
	3 - 16	4 - 90a	1 - 212
	1 - 17	3 - 111c	1 - 213
	1 - 18a	2 - 125	2 - 214
	4 - 22	2 - 126	4 - 215
	1 - 23	2 - 126a	4 - 221
	2 - 24	4 - 142c	
	2 - 35	1 - 176	

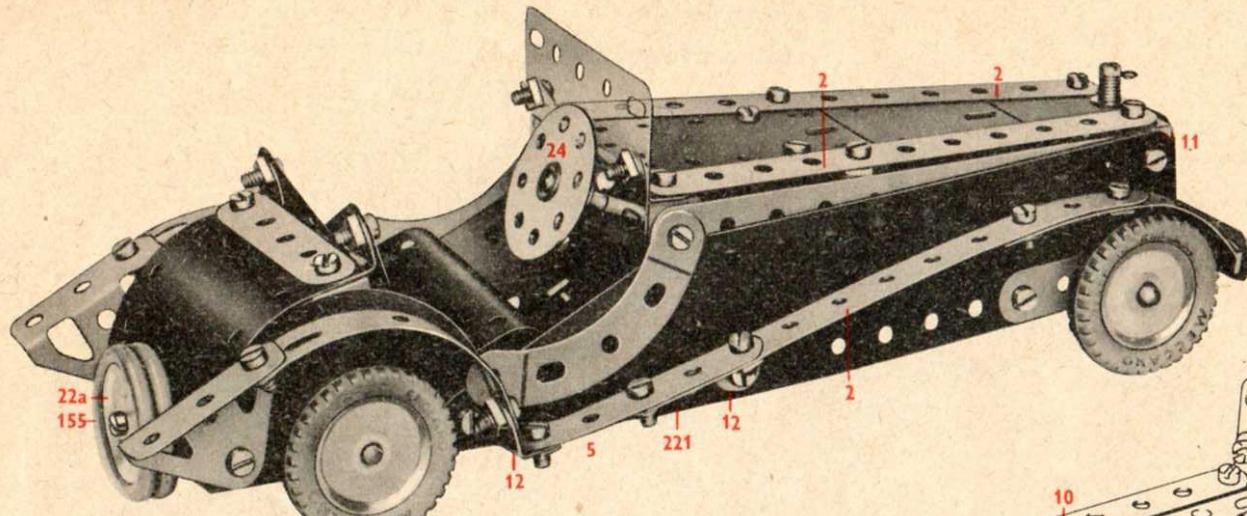


**3.3 Gun Boat/Cannonnière
Kanonneerboot
Kanonnenboot
Imbarcazione da Guerra**

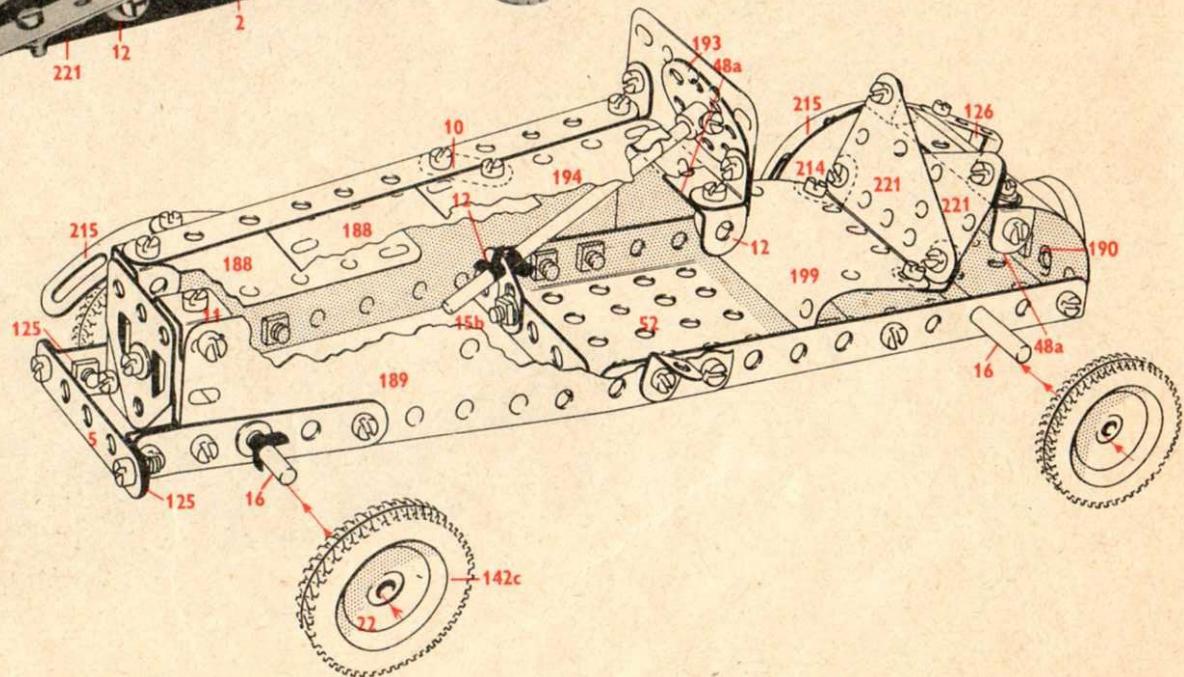


3.3	2 -	1	4 -	90a
	4 -	2	3 -	111c
	8 -	5	2 -	125
	5 -	10	2 -	126
	2 -	11	2 -	126a
	10 -	12	1 -	176
	3 -	16	2 -	188
	2 -	17	2 -	189
	1 -	18a	2 -	190
	1 -	18b	2 -	192
	4 -	22	2 -	194
	6 -	35	2 -	194a
	60 -	37a	1 -	200
	54 -	37b	1 -	212
	10 -	38	1 -	213
	1 -	40	1 -	214
	2 -	48a	4 -	215
	1 -	52	4 -	221

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

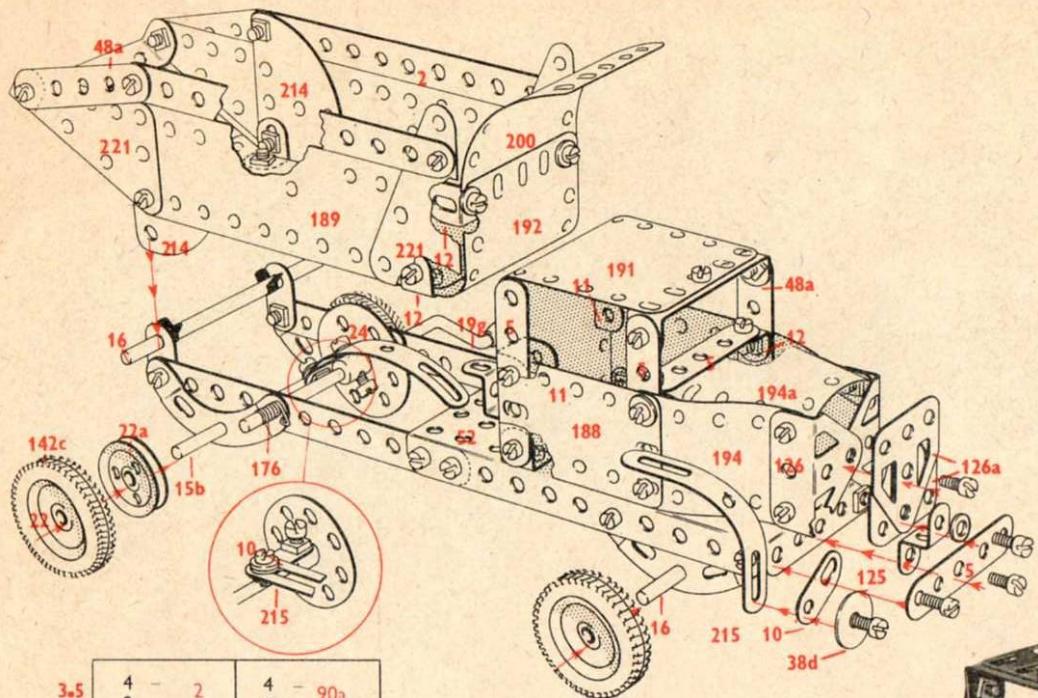


3.4	6 - 2	4 - 111c
6 - 5	2 - 125	
3 - 10	2 - 126	
2 - 11	2 - 126a	
10 - 12	4 - 142c	
1 - 15b	2 - 155	
2 - 16	1 - 176	
4 - 22	2 - 188	
2 - 22a	2 - 189	
1 - 24	1 - 193	
4 - 35	1 - 194	
60 - 37a	1 - 199	
56 - 37b	1 - 200	
5 - 38	2 - 214	
2 - 48a	4 - 215	
1 - 52	4 - 221	
2 - 90a		



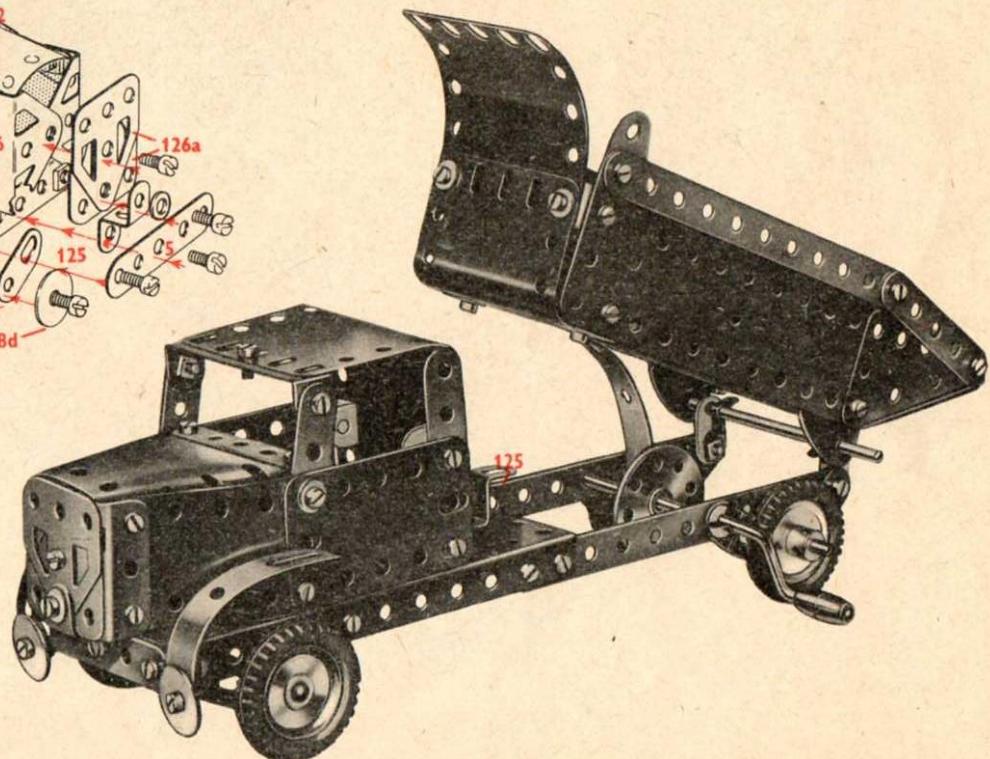
3.5

Dumper Truck
Camion à benne basculante
Kipauto
Kippwagen
Autocarro a Cassa Ribaltabile

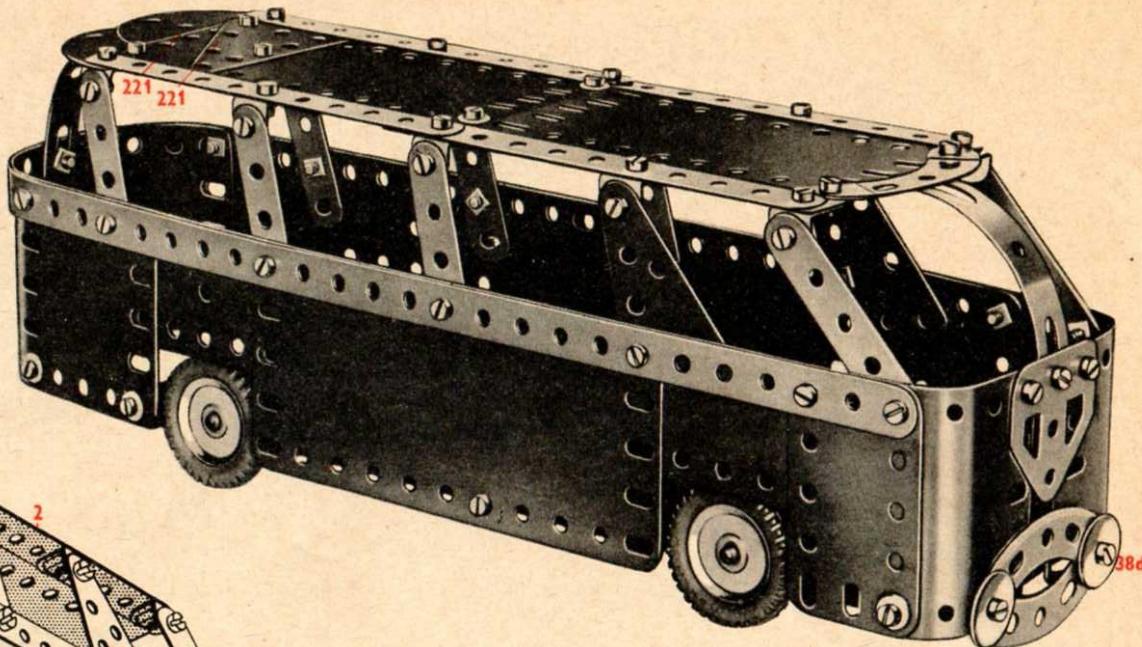
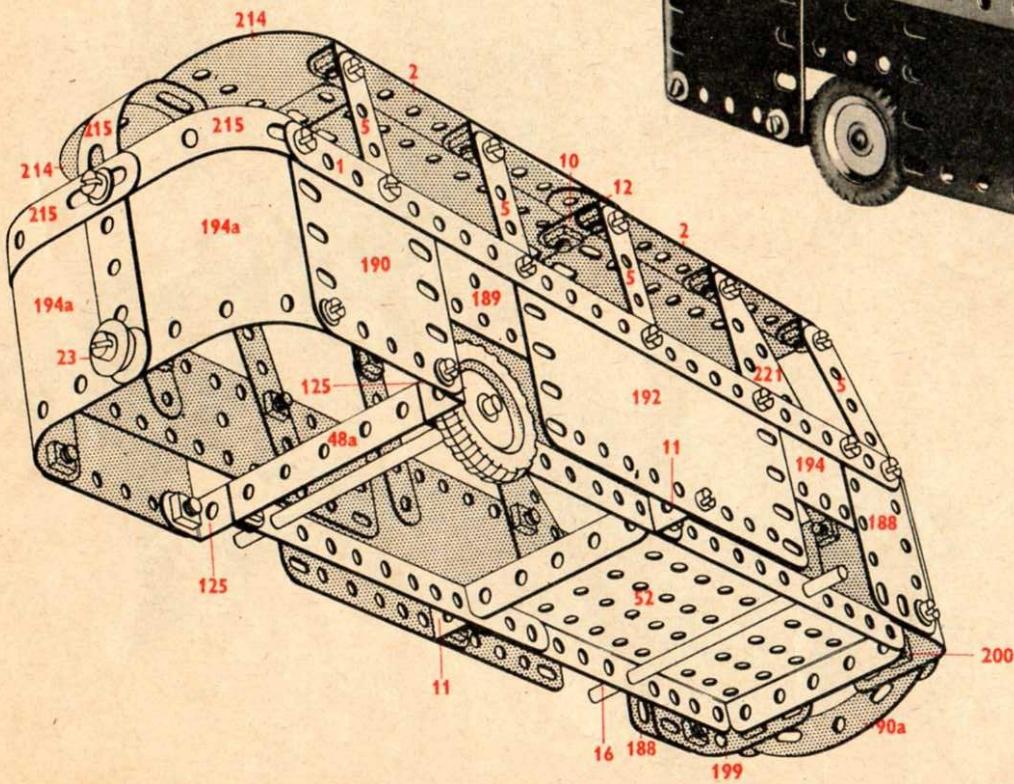


3.5

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	-	19s	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

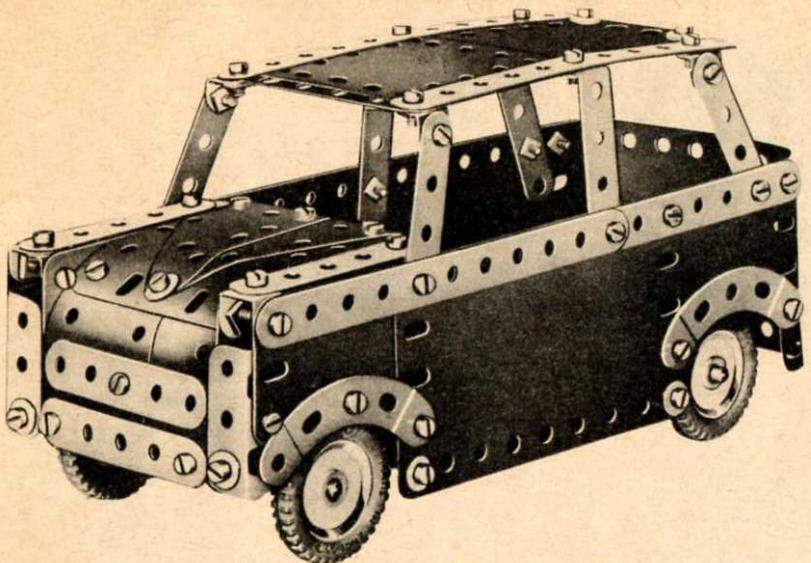


3.6 Observation Coach
Autocar grand tourisme
Uitzicht autobus
Aussichtswagen
Autobus Belvedere



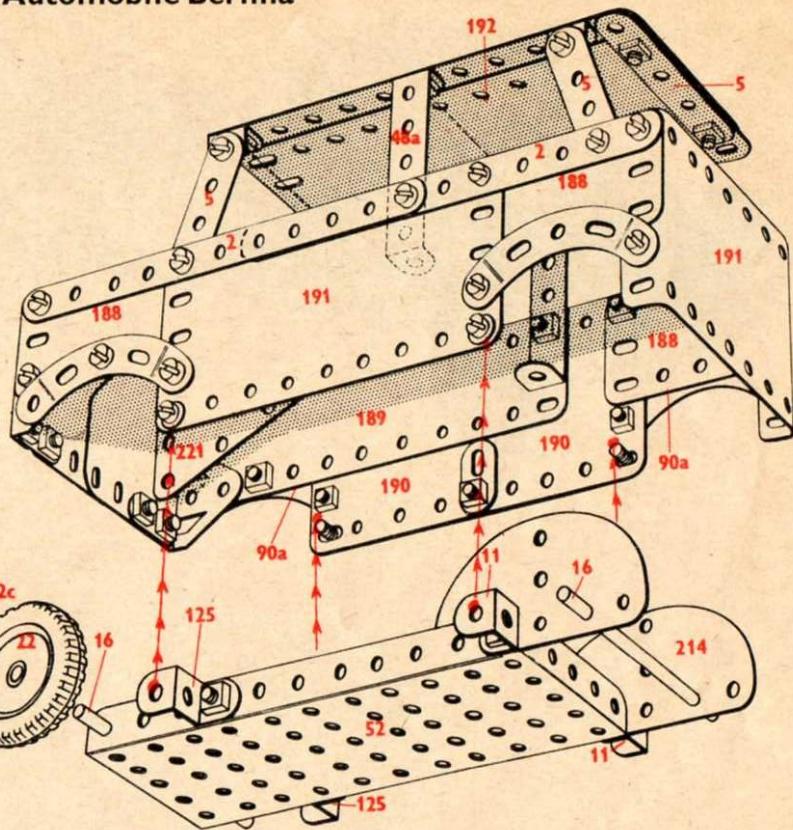
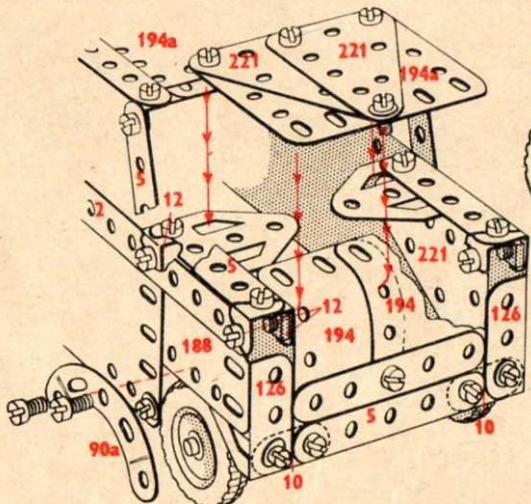
3.6			
2	-	1	- 111c
6	-	2	- 125
9	-	5	- 126a
4	-	10	- 142c
2	-	11	- 188
10	-	12	- 189
2	-	16	- 190
4	-	22	- 191
1	-	23	- 192
60	-	37a	- 194
56	-	37b	- 194a
10	-	38	- 199
2	-	38d	- 200
1	-	48a	- 214
1	-	52	- 215
3	-	90a	- 221
4	-		

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

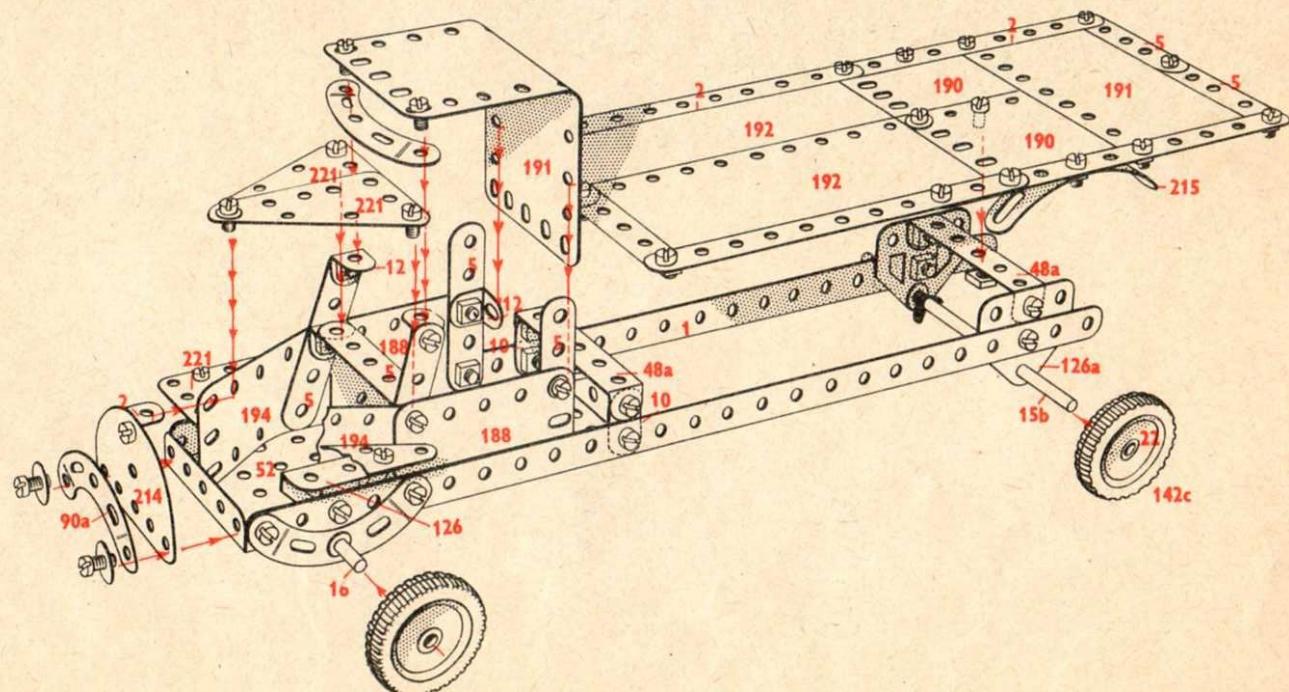
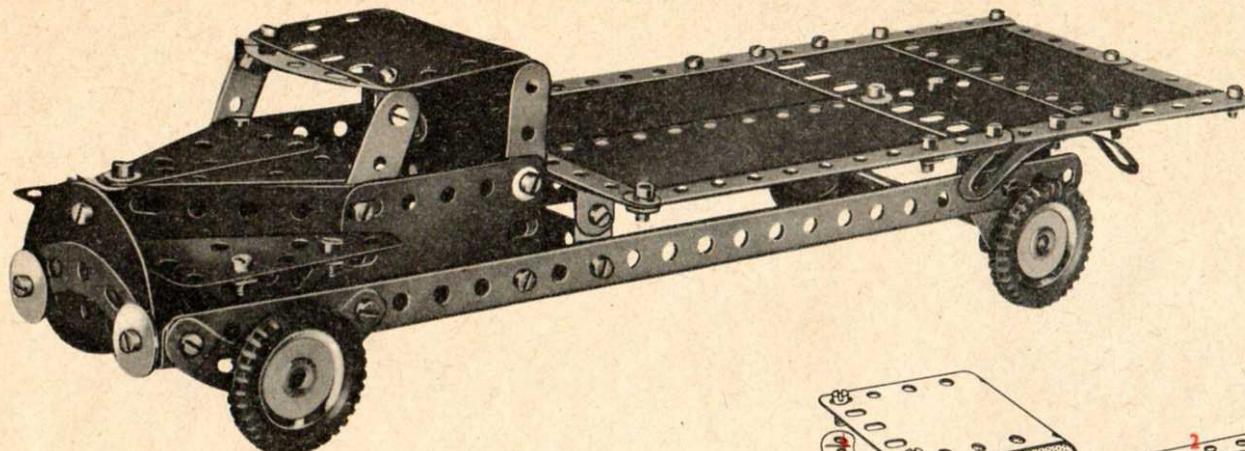


3.7

6 -	2	2 -	125
9 -	5	2 -	126
3 -	10	2 -	126a
2 -	11	4 -	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 -	216
4 -	111c	4 -	221

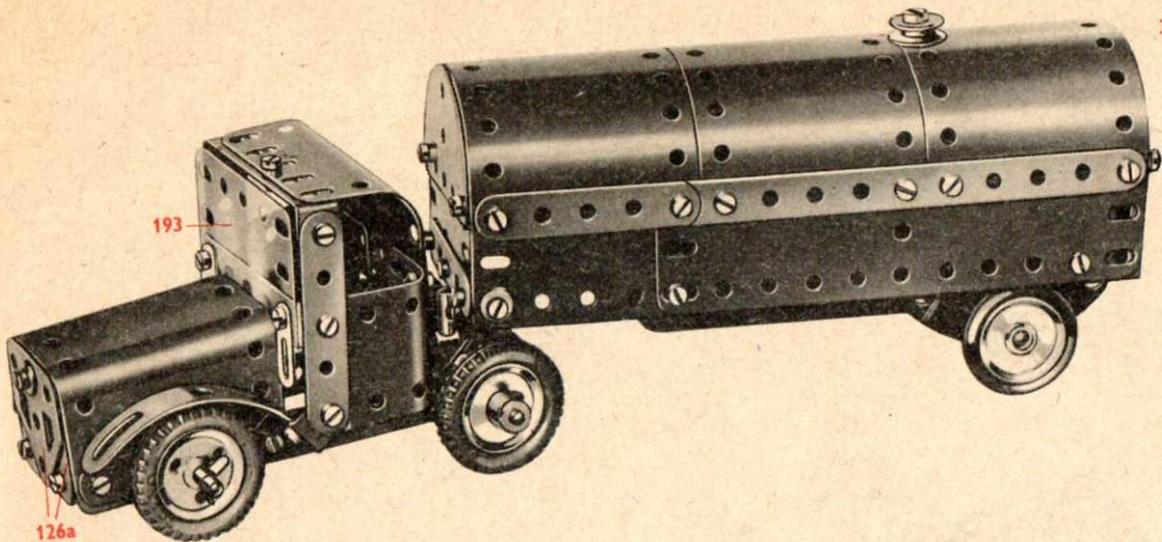


**3.8 Motor Lorry/Camion plateau/Motor-lorry
Lastkraftwagen/Autocarro**



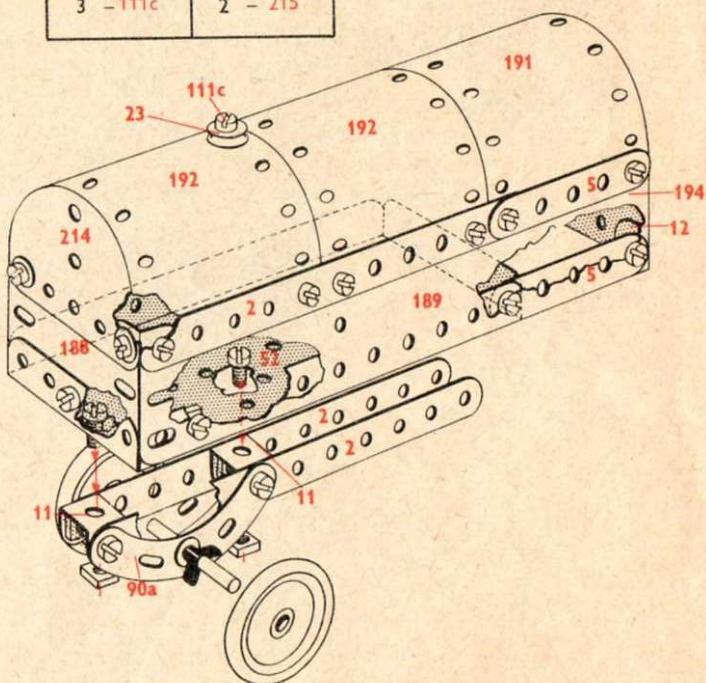
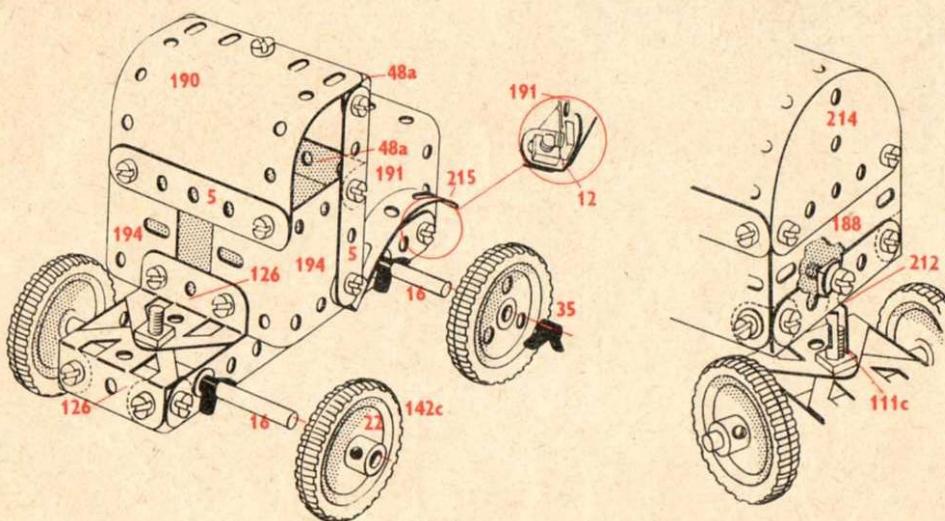
3.8	2 - 1	1 - 52
	4 - 2	4 - 90a
	9 - 5	2 - 126
	2 - 10	2 - 126a
	7 - 12	4 - 142c
	1 - 15b	2 - 188
	1 - 16	2 - 190
	4 - 22	2 - 191
	2 - 35	2 - 192
	53 - 37a	2 - 194
	53 - 37b	1 - 214
	8 - 38	2 - 215
	2 - 38d	4 - 221
	2 - 48a	

**3.9 Articulated Petrol Tanker/Camion citerne
Tankauto, truck met
oplegger
Sattelschlepper mit
Tankanhänger
Autobotte Snodata**

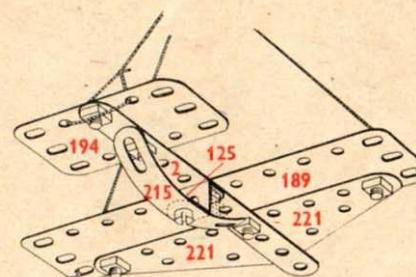
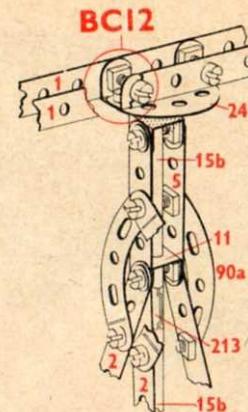
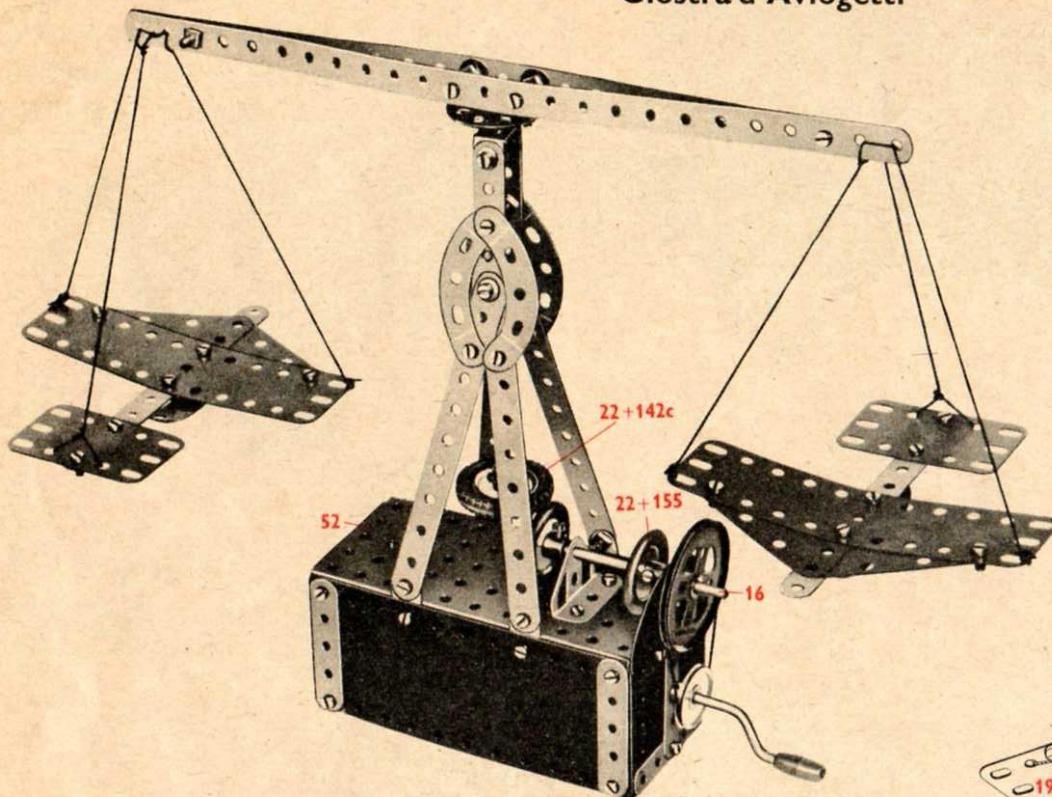


3.9

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



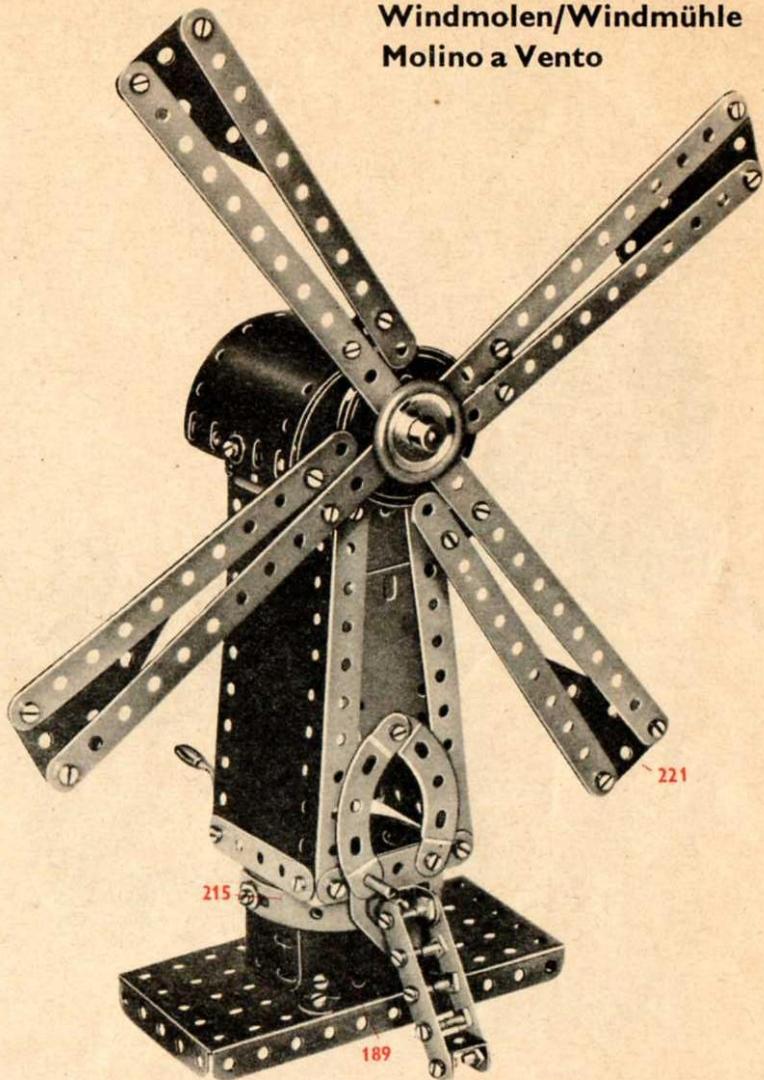
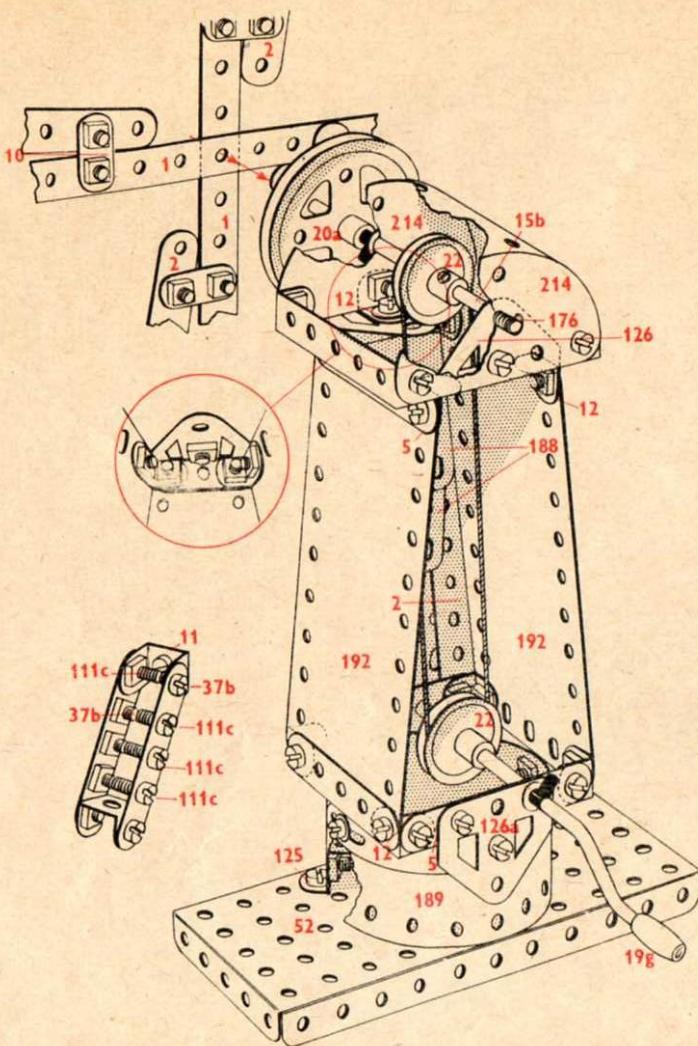
3.10 Revolving Jet Planes/ Manège d'avions/Draaiende Jet-vliegtuigen
Düsenjägerkarussell
Giostra d'Aviogetti



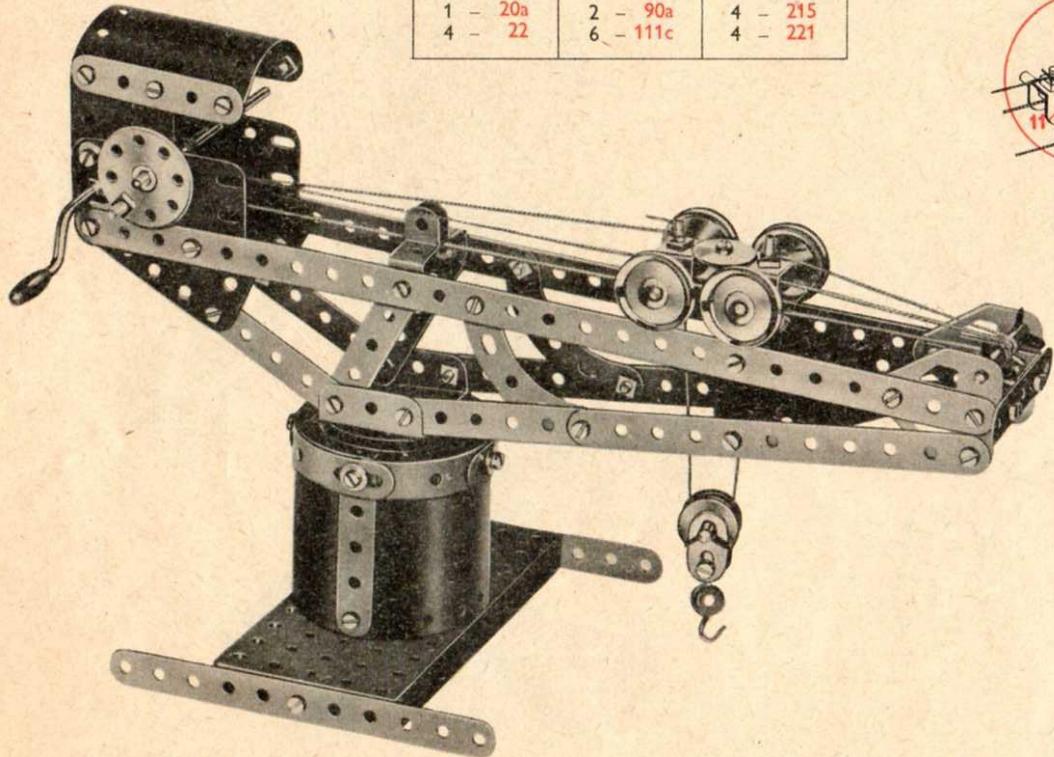
3.10	2 -	1
	6 -	2
	9 -	5
	4 -	10
	2 -	11
	4 -	12
	2 -	15b
	1 -	16
	1 -	19s
	1 -	20a
	4 -	22
	2 -	24
	60 -	37a
	56 -	37b
	6 -	38
	1 -	40
	2 -	48a
	1 -	52
	4 -	90a
	4 -	111c
	2 -	125
	2 -	126
	1 -	142c
	2 -	155
	2 -	188
	2 -	189
	1 -	190
	2 -	192
	2 -	194
	1 -	213
	1 -	214
	2 -	215
	4 -	221

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

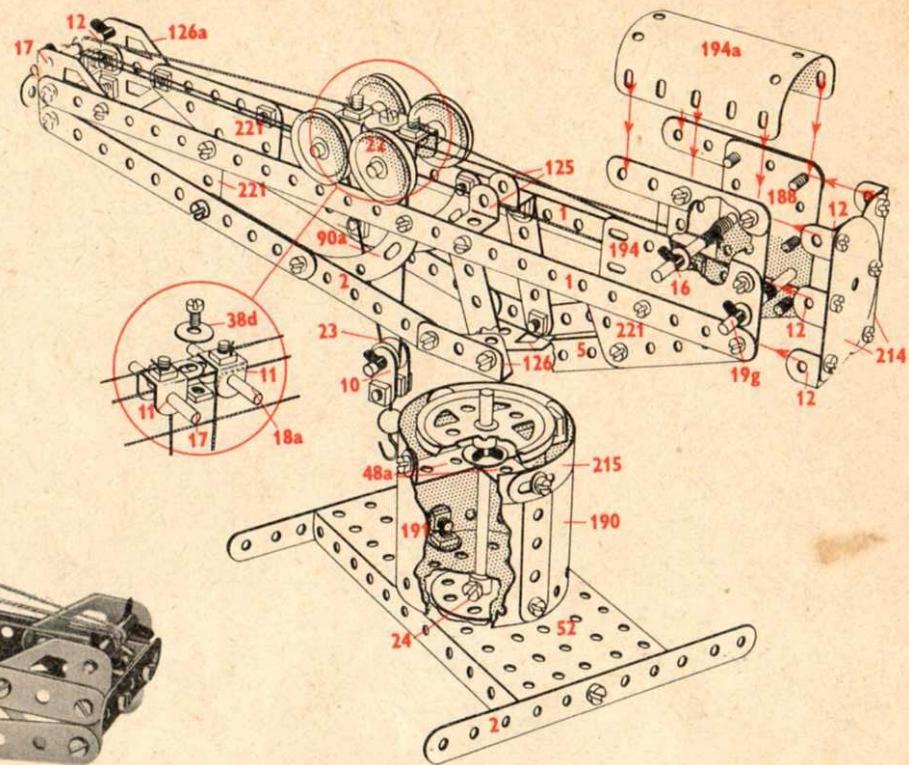
3.11	2 -	1
	6 -	2
	8 -	5
	4 -	10
	2 -	11
	9 -	12
	1 -	15b
	1 -	19s
	1 -	20a
	3 -	22
	2 -	35
	60 -	37a
	54 -	37b
	6 -	38
	1 -	40
	2 -	48a
	1 -	52
	2 -	90a
	6 -	111c
	2 -	125
	2 -	126
	2 -	126a
	1 -	155
	1 -	176
	2 -	188
	2 -	189
	1 -	191
	2 -	192
	2 -	214
	4 -	215
	4 -	221



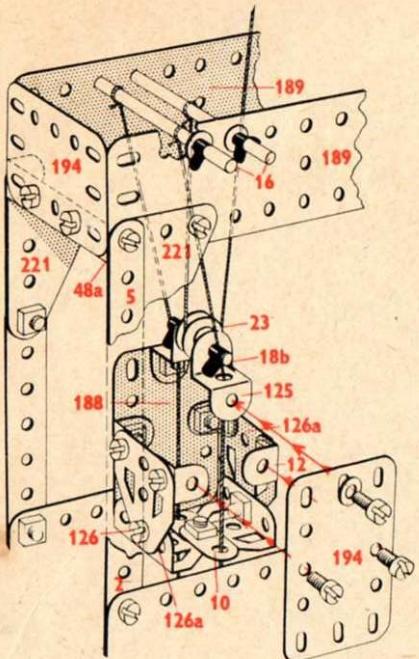
**3.12 Block-setting Crane/Grue pour poser de blocs de béton/Zware kraan/Fahrbarer Portaldrehkran
Gru per la Posa di Massi**



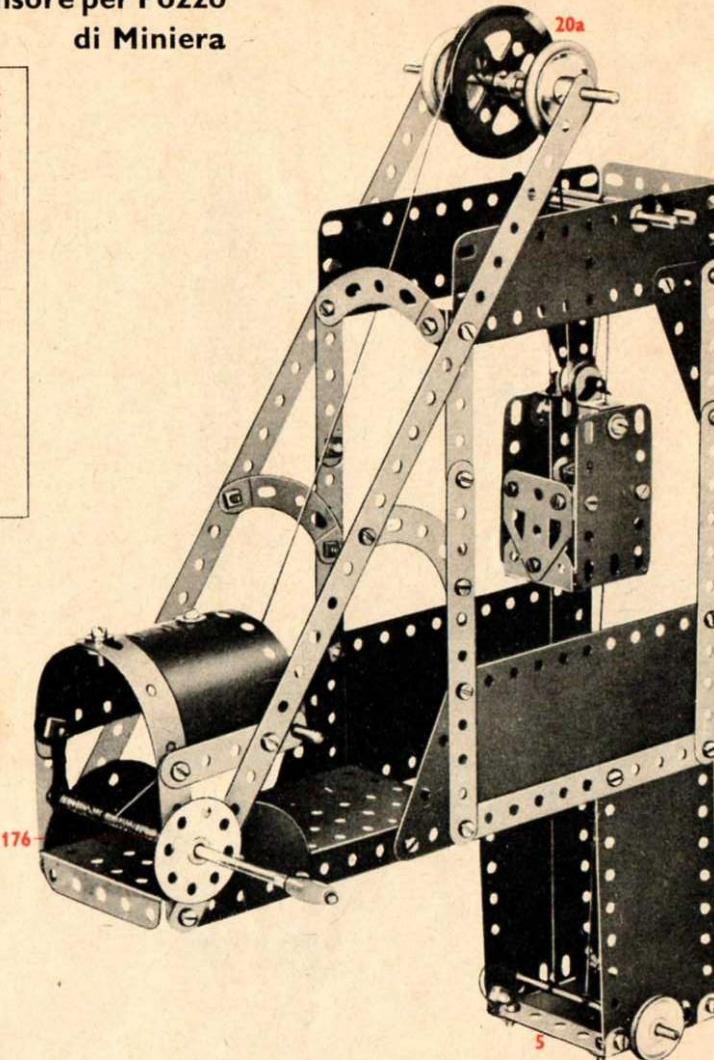
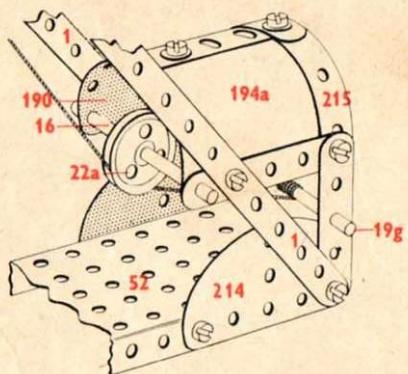
3.12	1	23	125
2 -	1	1 -	24
6 -	2	2 -	24
9 -	5	8 -	35
4 -	10	60 -	37a
2 -	11	52 -	37b
10 -	12	10 -	38
2 -	16	2 -	38d
2 -	17	1 -	40
1 -	18a	2 -	48a
1 -	18b	1 -	52
1 -	19s	1 -	57c
1 -	20a	2 -	90a
4 -	22	6 -	111c
			4 - 221



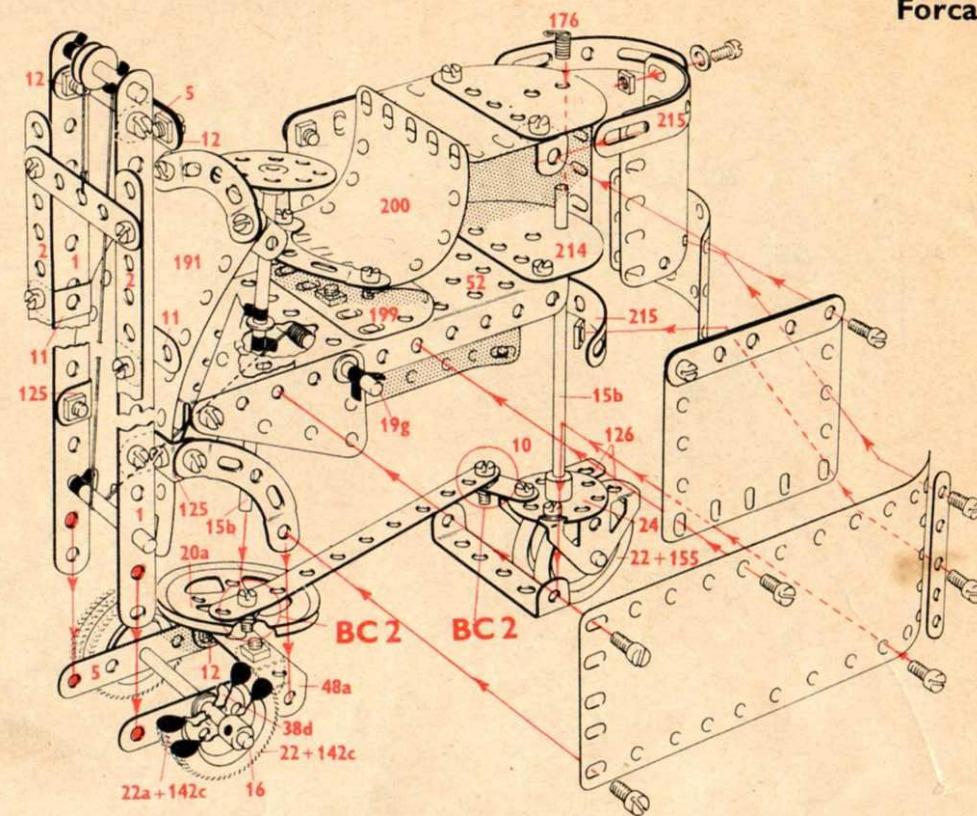
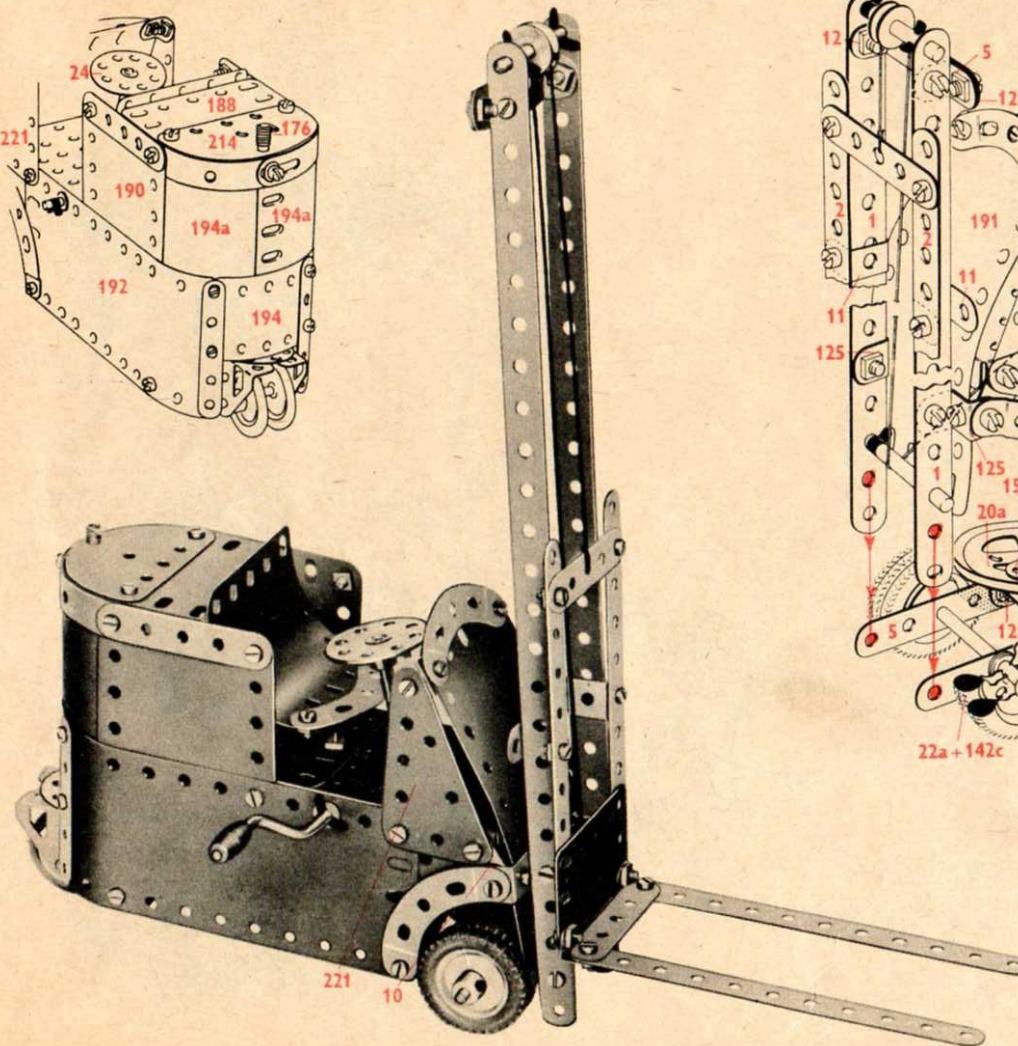
**3.13 Pit-head Gear/Puits de mine/Mijnschacht lift
Förderturmanlage/Ascensore per Pozzo
di Miniera**



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



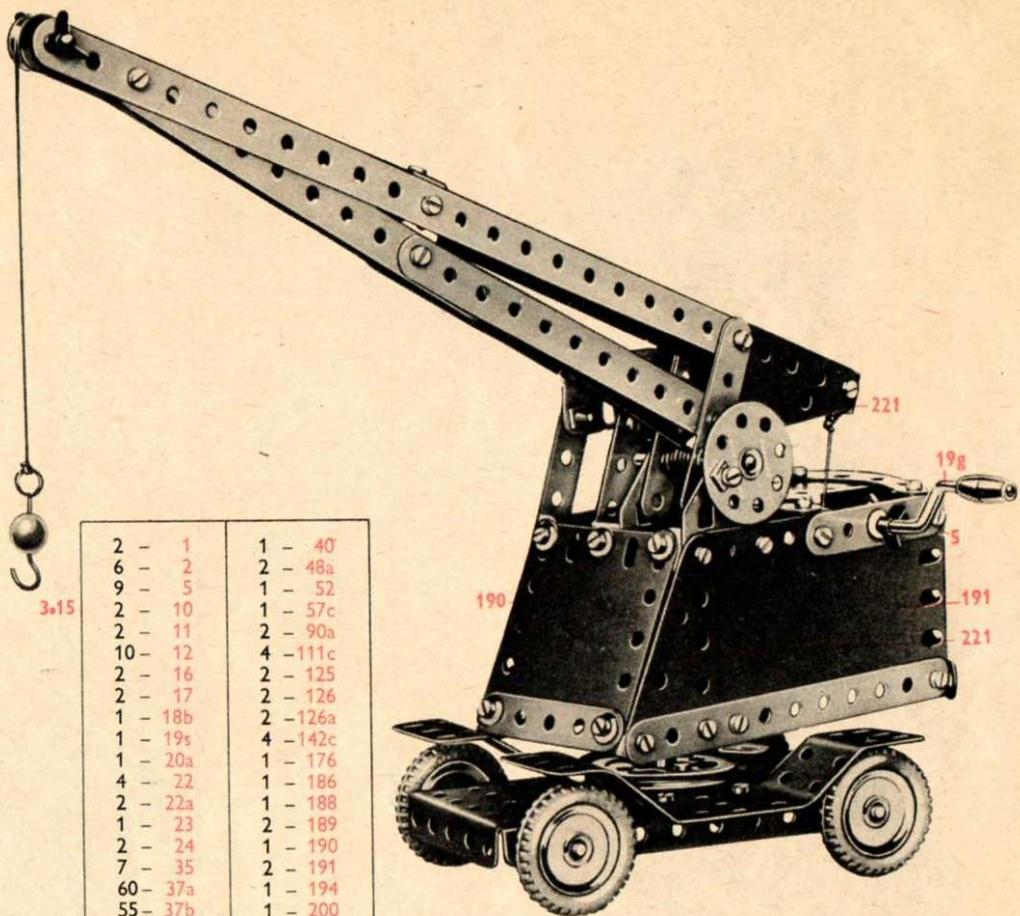
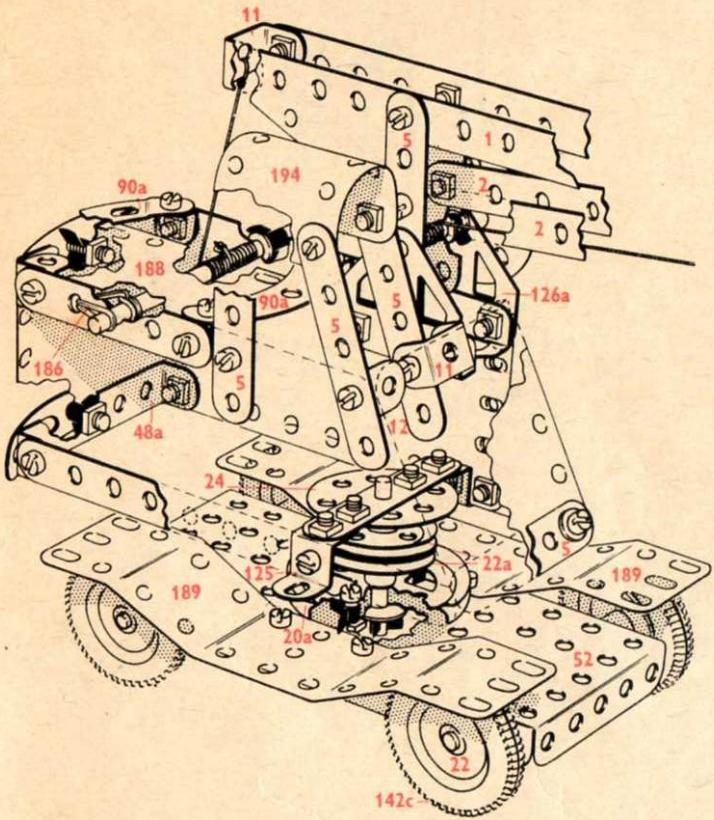
3.14 Fork-lift Truck/Chariot à fourche/Vorkheftruck/Gabelstapler/Carrello con Elevatore a Forca



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	4 - 221
	1 - 18a	2 - 38d	2 - 188	
	1 - 19s	1 - 40	2 - 190	

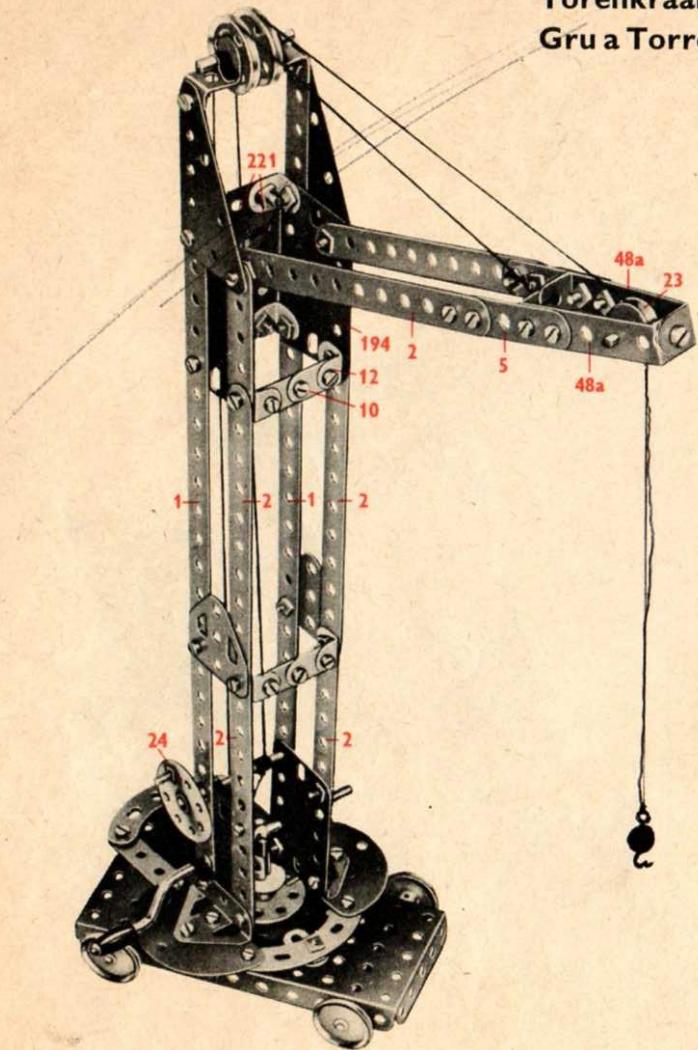
3.15 Mobile Crane/Grue mobile/Rijdende kraan

Fahrbarer Kran/Gru Mobile



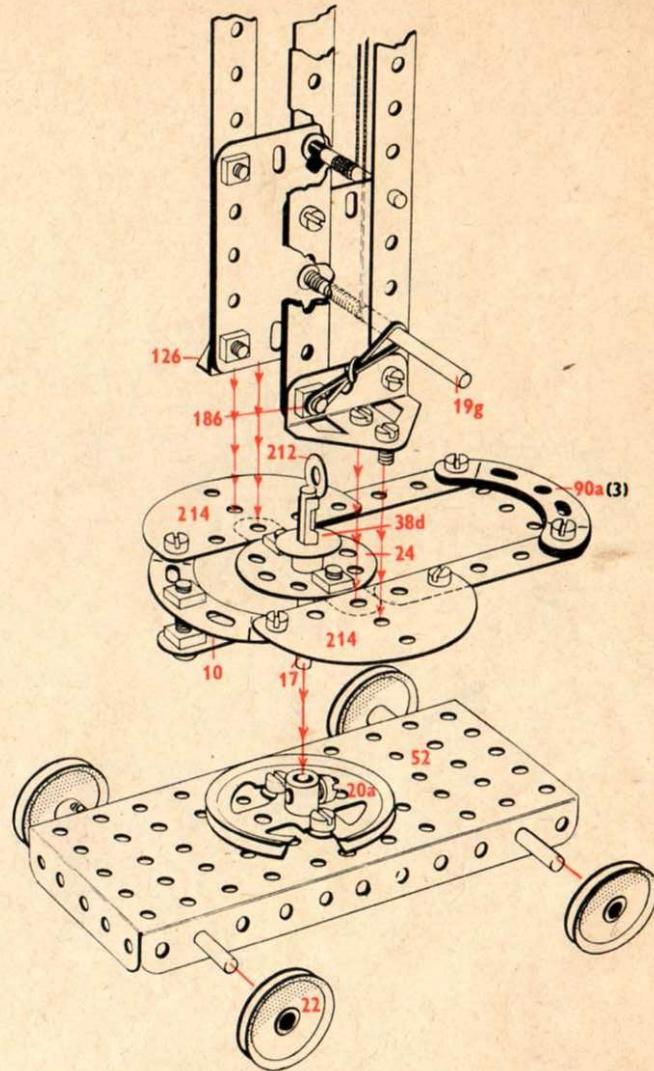
3•15	
2	- 1
6	- 2
9	- 5
2	- 10
2	- 11
10	- 12
2	- 16
2	- 17
1	- 18b
1	- 19s
1	- 20a
4	- 22
2	- 22a
1	- 23
2	- 24
7	- 35
60	- 37a
55	- 37b
8	- 38
1	- 38d
1	- 40
2	- 48a
1	- 52
1	- 57c
2	- 90a
4	- 111c
2	- 125
2	- 126
2	- 126a
4	- 142c
1	- 176
1	- 186
1	- 188
2	- 189
1	- 190
2	- 191
1	- 194
1	- 200
4	- 221

**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	-	19s	/
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

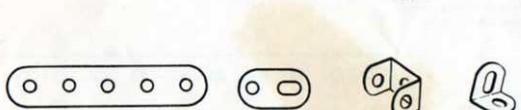
Angle Bracket
Equerre
Hoeksteen
Winkelstütze
Squadretta

Rod
Tringle
Assen
Stäbe
Assi

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

Pulley
Poulie
Riemschijf
Riemenscheibe
Puleggia

Pulley (with boss)
Poulie à moyeu
Riemschijf (met naaf)
Riemenscheibe (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

15b - 4"; 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

19s

20a - 2"; 5 cm

22 - 1"; 25 cm

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

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

Bush Wheel
Roue barillet
Naafbuswiel
Buchsrad
Disco con mozzo

Spring Clip
Clavette
Veerclip
Klemmuffe
Fermaglio a molla

Nut
Ecrou
Moer
Mutter
Dado

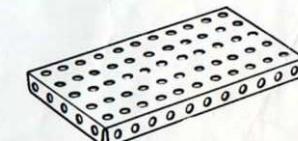
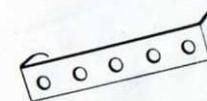
Bolt
Boulon
Bout
Schraube
Vite

Washer
Rondelle
Onderlegering
Unterlagscheibe
Rondella

Washer
Disque
Onderlegering
Unterlagscheibe
Rondella

Double Angle Strip
Bande coulée
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 - $\frac{1}{2}$ "; 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 Geborgen trapstrook Gekrümmtes Band, gekrümpt Striscia curva piegata	Bolt Boulon Bout Schraube Vite	Reversed Angle Bracket Equerre renversée Omgekeerde hoeksteen Umgekehrte Winkelstütze Doppia squadretta	Trunnion Embase triangulée coudée Tap Zapfen Supporto triangolare piegato	Flat 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 cordonecino	Flexible Plate Plaque flexible Buigzame plaat Biegssame Platte Piastra flessibile			
57c	90a		111c - $\frac{1}{2}'' \times \frac{1}{2}''$; 1 cm	125 - $\frac{1}{2}'' \times \frac{1}{2}''$; 12 x 12 mm	-126	126a	142c	155	176	188 - $2\frac{1}{2}'' \times 1\frac{1}{2}''$; 60 x 38 mm	189 - $5\frac{1}{2}'' \times 1\frac{1}{2}''$; 140 x 38 mm	190 - $2\frac{1}{2}'' \times 2\frac{1}{2}''$; 6 x 6 cm
191 - $4\frac{1}{2}'' \times 2\frac{1}{2}''$; 11.5 x 6 cm	192 - $5\frac{1}{2}'' \times 2\frac{1}{2}''$; 14 x 6 cm											

Plastic Plate (transparent) Plaque plastique, claire Plastic plate, clear Kunststoffplatte, durchsichtig Piastra di plastica, trasparente	Plastic Plate (black) Plaque plastique, noir Plastic plate, zwart Kunststoffplatte, schwarz Piastra di plastica, nera	Curved Plate, U Section Plaque cintée en "U" Boogplaat, U-vormig Gewölbte Platte, "U"-förmig Piastra curvata ad "U"	Curved Plate Plaque cintée Boogplaat Gewölbte Platte Piastra curvata	Rod and Strip Connector Raccord tringle et bande As-strook- koppeling Wellen- und Streifen- verbinder Giunto per asse e striscia	Rod Connector Raccord de tringles Assen-koppeling Wellenverbinde Giunto per assi	Semi-circular Plate Plaque semi-circulaire Halfrondplaat Halbkreisförmige Platte Piastra semicircolare	Formed Slotted Strip Bande glissière cintée Gebogen glijstrook 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 - $2\frac{1}{2}'' \times 1\frac{1}{2}''$; 6 x 4 cm	194 - $2\frac{1}{2}'' \times 1\frac{1}{2}''$; 6 x 4 cm	199	194a - $2\frac{1}{2}'' \times 2\frac{1}{2}''$; 6 x 6 cm	200	212	213	214	215	221