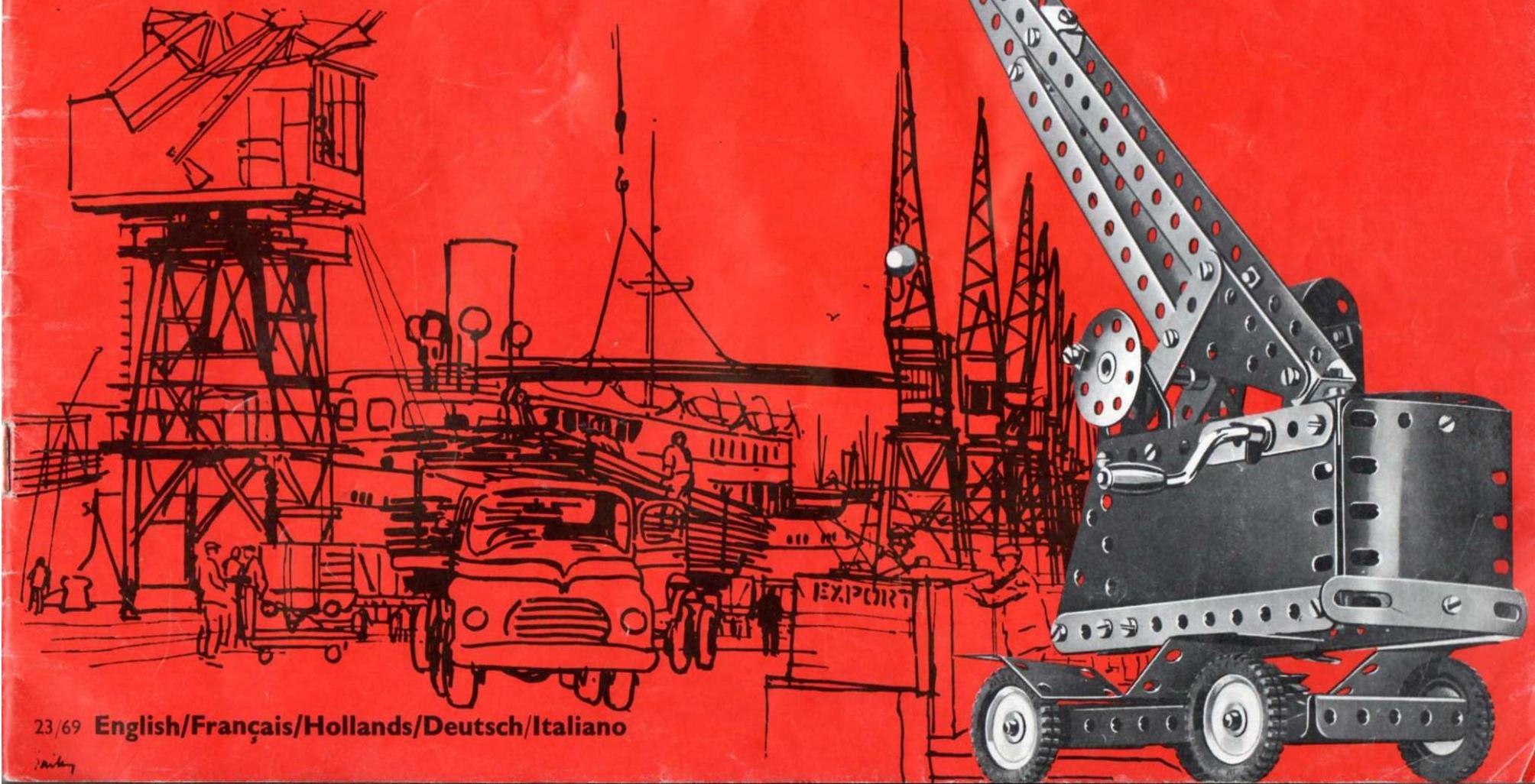


# MECCANO®

2/3

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## How to Use This Book

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.

## Comment utiliser ce livre

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 à 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 afgebeeld. In de illustraties heeft ieder onderdeel 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 Feermotor 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 piastrelle 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

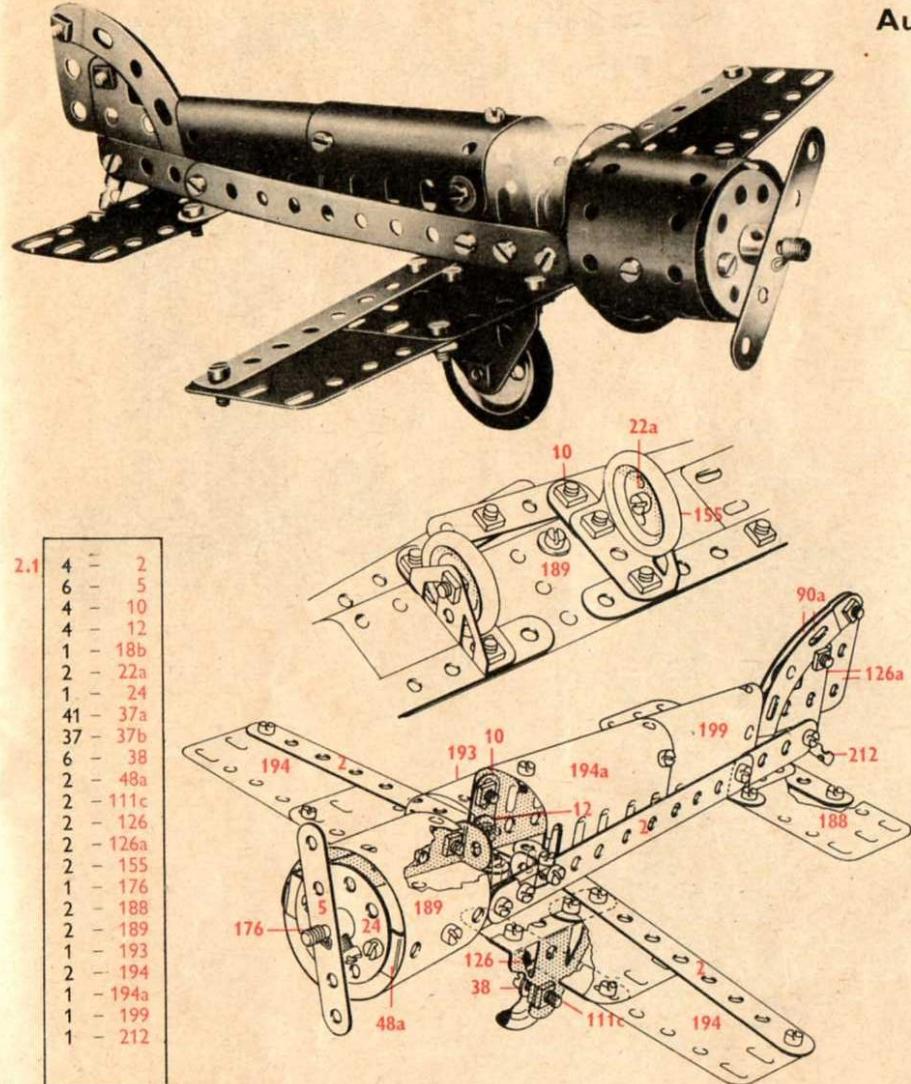
### Inhoud van de uitrusting 2 en 3

### Inhalt der Baukästen 2 und 3

### Elenco dei pezzi contenuti nelle Scatole 2 e 3

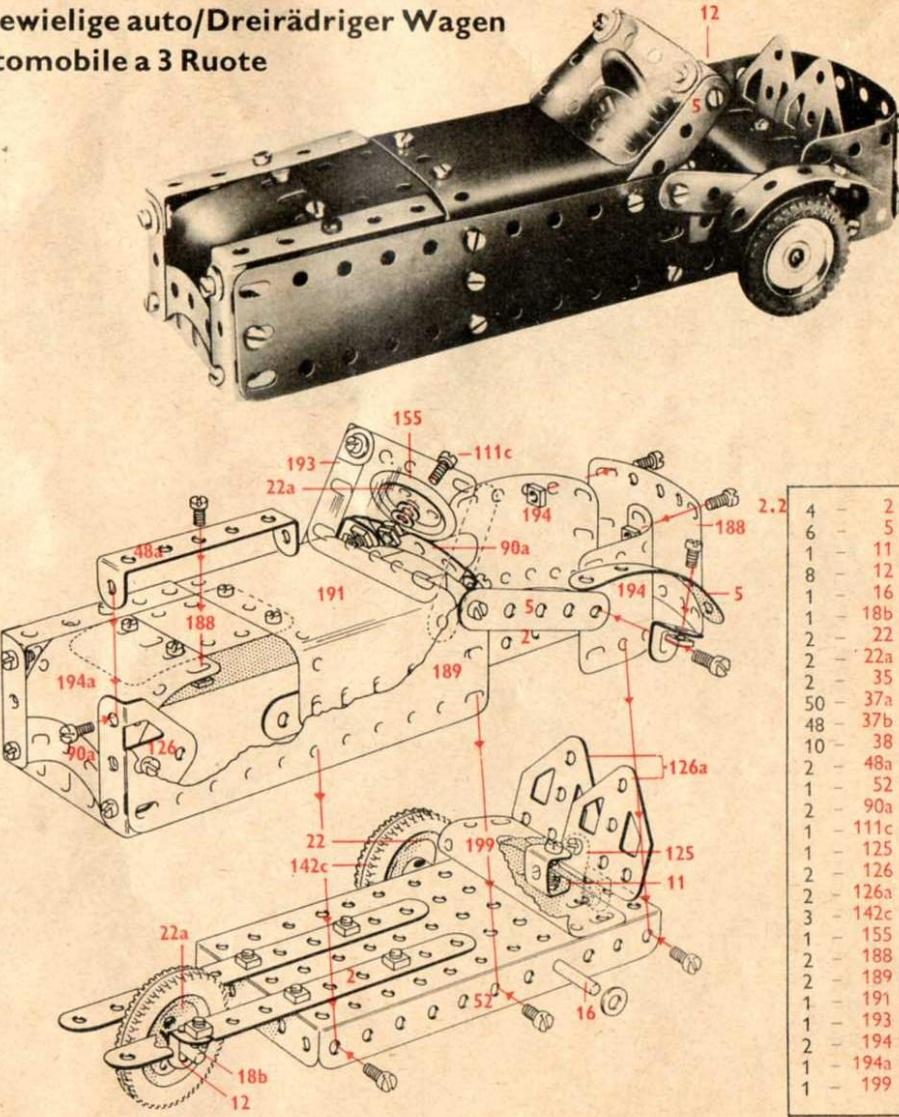
Part no. Pièce no. Onder- deel no. Nummer des Teils Pezzo	Outfit Boîte Uitrusting Baukästen des Teils Scatola	Part no. Pièce no. Onder- deel no. Nummer Baukästen des Teils Pezzo	Outfit Boîte Uitrusting Baukästen des Teils Scatola
	2	3	2
1	-	2	52
2	4	6	57c
5	6	9	90a
10	4	5	111c
11	1	2	125
12	8	10	126
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/Eéndecker  
Eindecker/Monoplano**



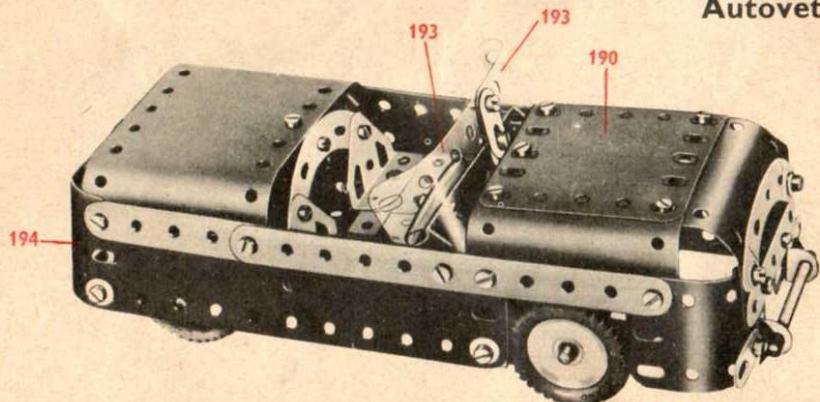
2.1		
4	-	2
6	-	5
4	-	10
4	-	12
1	-	18b
2	-	22a
1	-	24
41	-	37a
37	-	37b
6	-	38
2	-	48a
2	-	111c
2	-	126
2	-	126a
2	-	155
1	-	176
2	-	188
2	-	189
1	-	193
2	-	194
1	-	194a
1	-	199
1	-	212

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

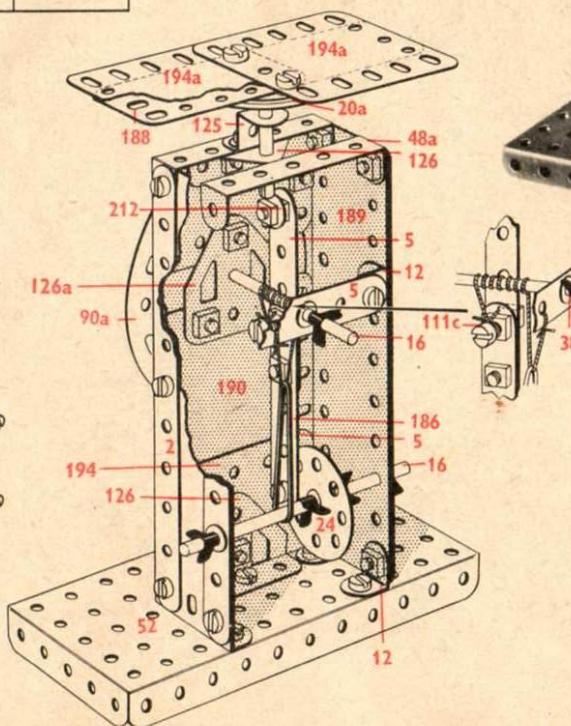
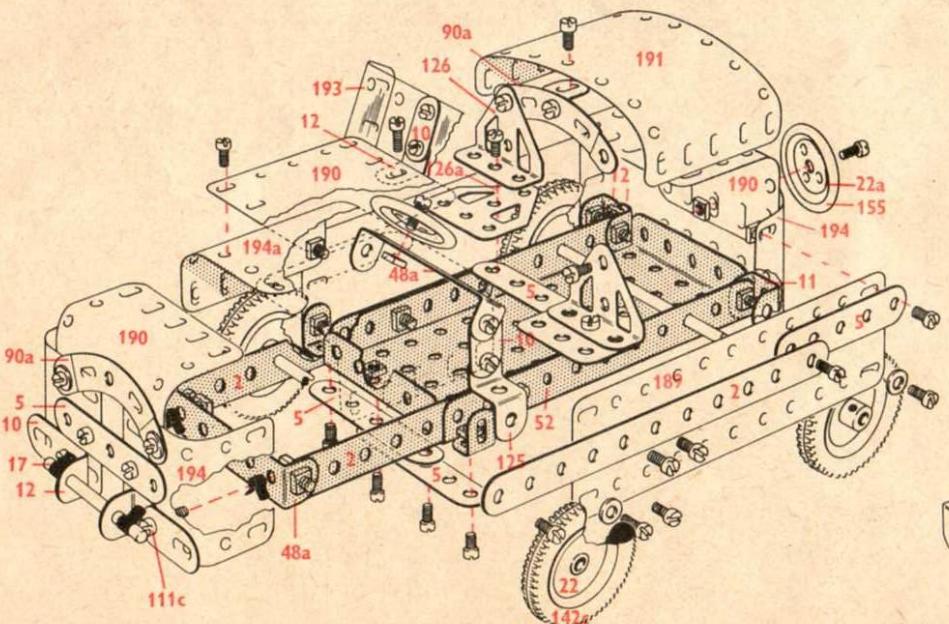


2.2		
4	-	2
6	-	5
1	-	11
8	-	12
1	-	16
1	-	18b
2	-	22a
2	-	35
50	-	37a
48	-	37b
10	-	38
2	-	48a
1	-	52
2	-	90a
1	-	111c
1	-	125
2	-	126
2	-	126a
3	-	142c
1	-	155
2	-	188
2	-	189
1	-	191
1	-	193
2	-	194
1	-	194a
1	-	199

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



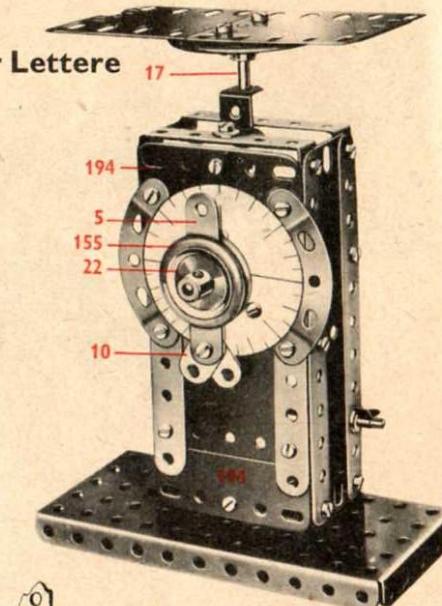
<b>2.3</b>	4 -	<b>2</b>	2 -	<b>90a</b>
	6 -	<b>5</b>	4 -	<b>111c</b>
	4 -	<b>10</b>	1 -	<b>125</b>
	1 -	<b>11</b>	2 -	<b>126</b>
	8 -	<b>12</b>	2 -	<b>126a</b>
	2 -	<b>16</b>	4 -	<b>142c</b>
	1 -	<b>17</b>	2 -	<b>155</b>
	4 -	<b>22</b>	2 -	<b>188</b>
	2 -	<b>22a</b>	2 -	<b>189</b>
	4 -	<b>35</b>	2 -	<b>190</b>
	52 -	<b>37a</b>	1 -	<b>191</b>
	47 -	<b>37b.</b>	2 -	<b>193</b>
	10 -	<b>38</b>	2 -	<b>194</b>
	2 -	<b>48a</b>	2 -	<b>194a</b>
	1 -	<b>52</b>	1 -	<b>199</b>



**2.4 Letter Balance/Pèse-lettres**

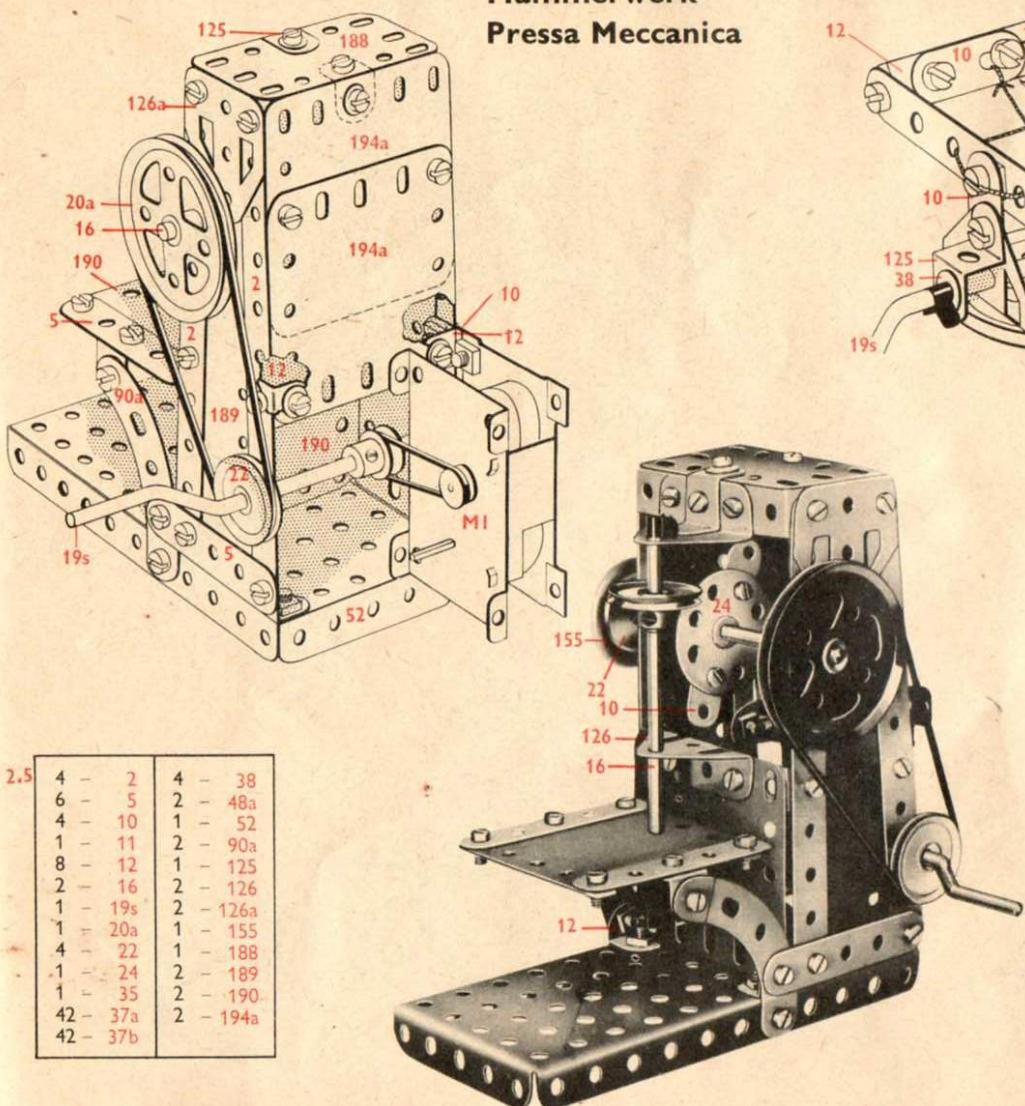
Brievenweger  
Briefwaage  
Bilancia per Lettere



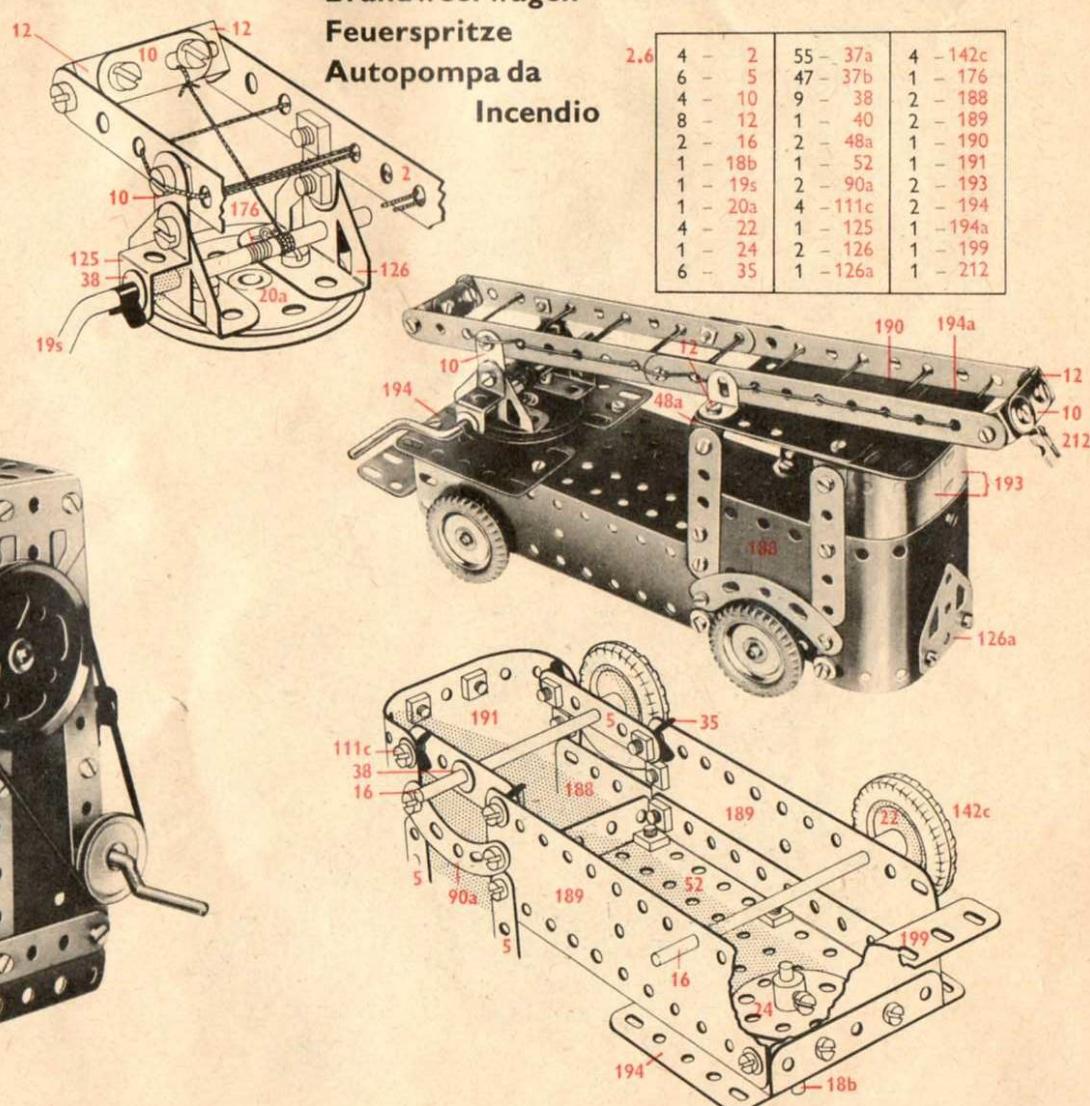


2.4	4	-	2	1	-	52
	6	-	5	2	-	90a
	2	-	10	1	-	111c
	6	-	12	1	-	125
	2	-	16	2	-	126
	1	-	17	1	-	126a
	1	-	20a	2	-	155
	2	-	22	1	-	186
	1	-	24	2	-	188
	5	-	35	2	-	189
	39	-	37a	1	-	190
	35	-	37b	2	-	194
	5	-	38	2	-	194a
	1	-	40	1	-	212
	2	-	48a			

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



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

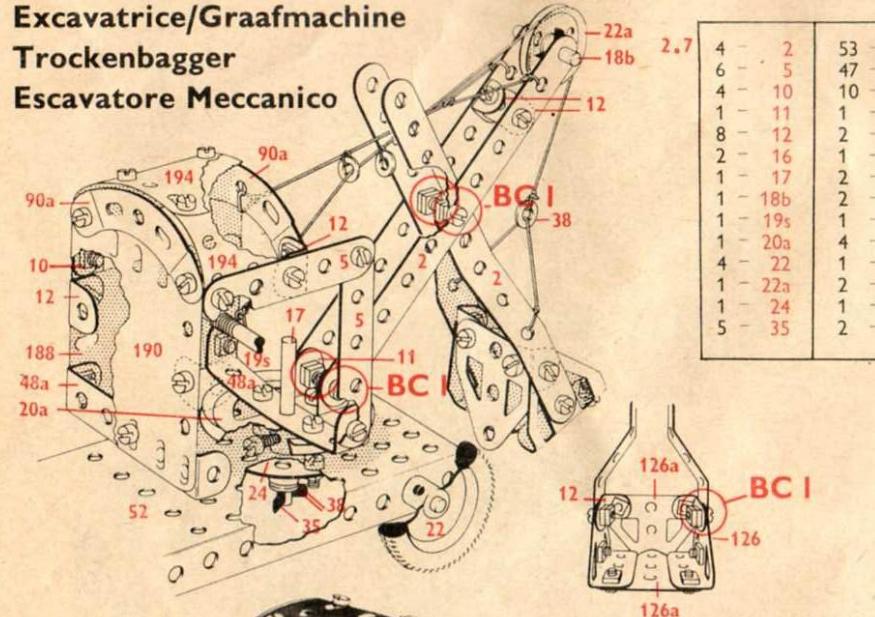


## 2.7 Mechanical Excavator

Excavatrice/Graafmachine

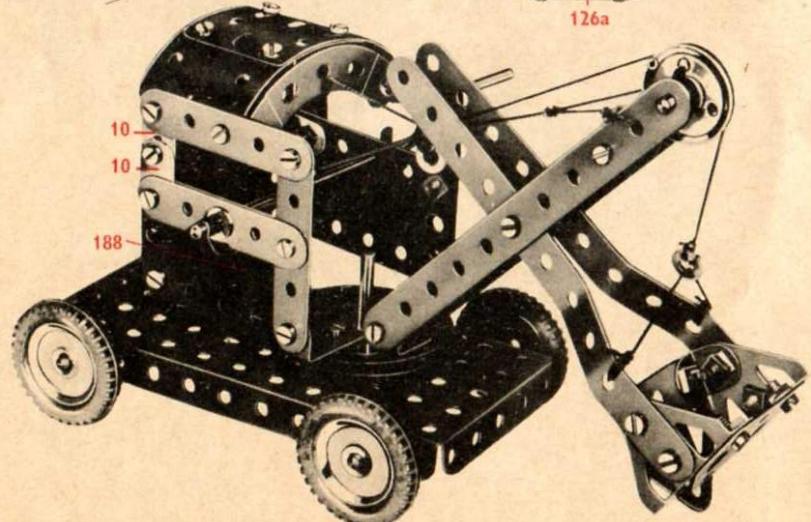
Trockenbagger

Escavatore Meccanico



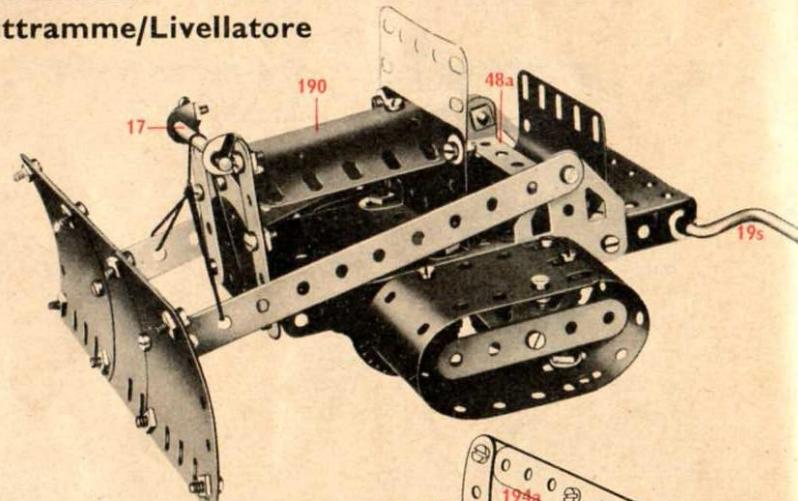
## 2.7

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



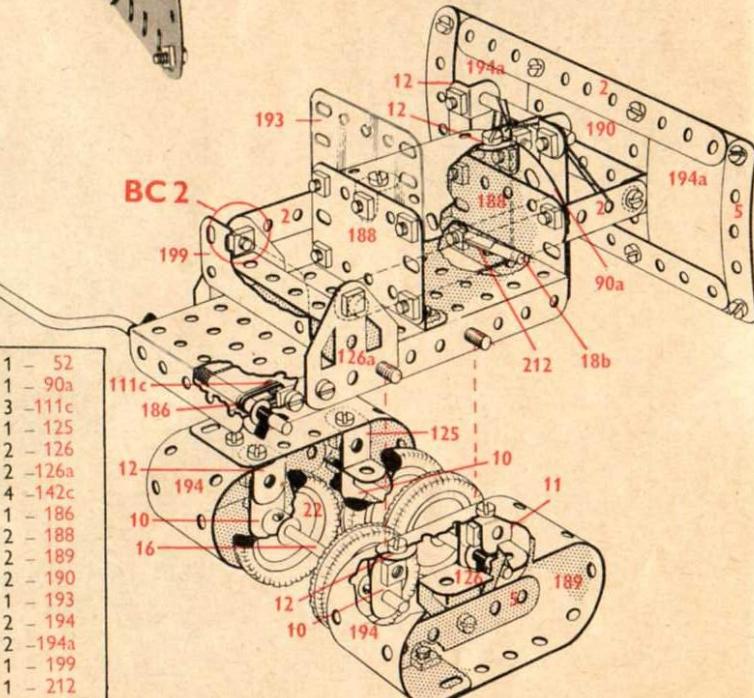
## 2.8 Bulldozer

Schuttramme/Livellatore



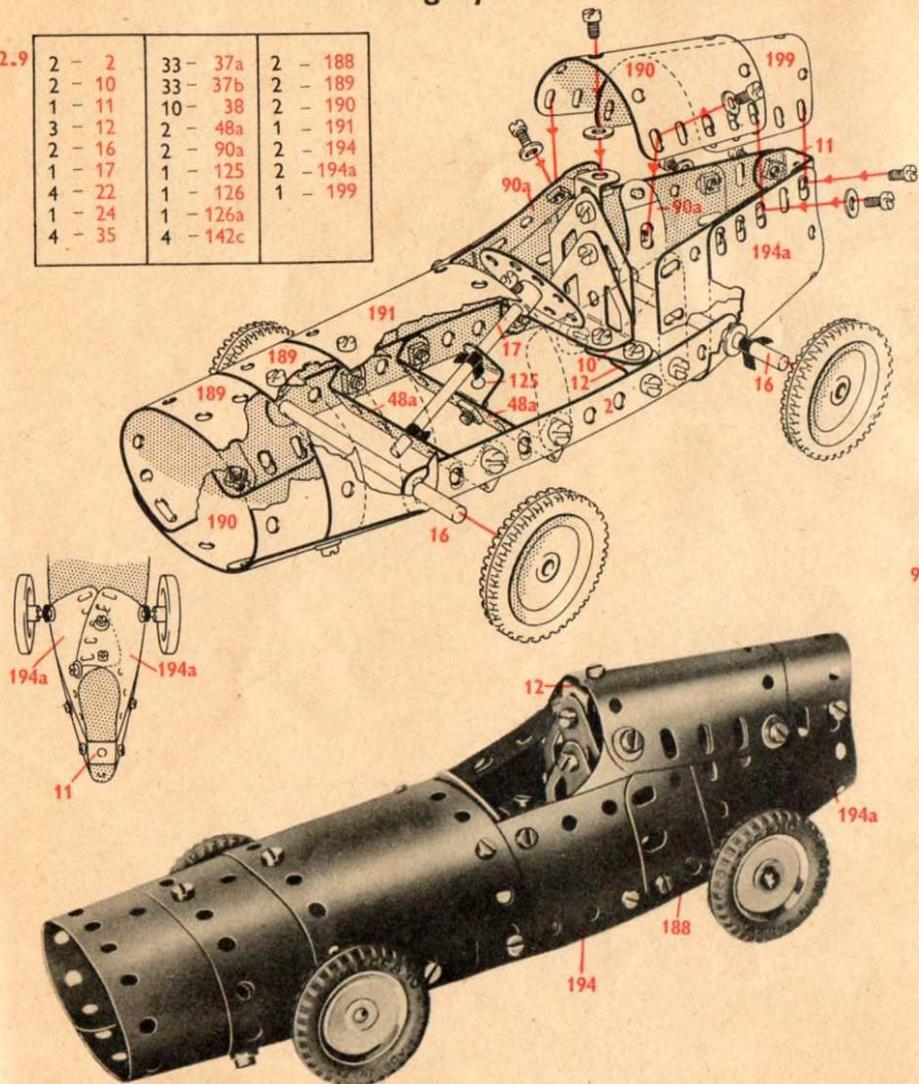
## 2.8

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



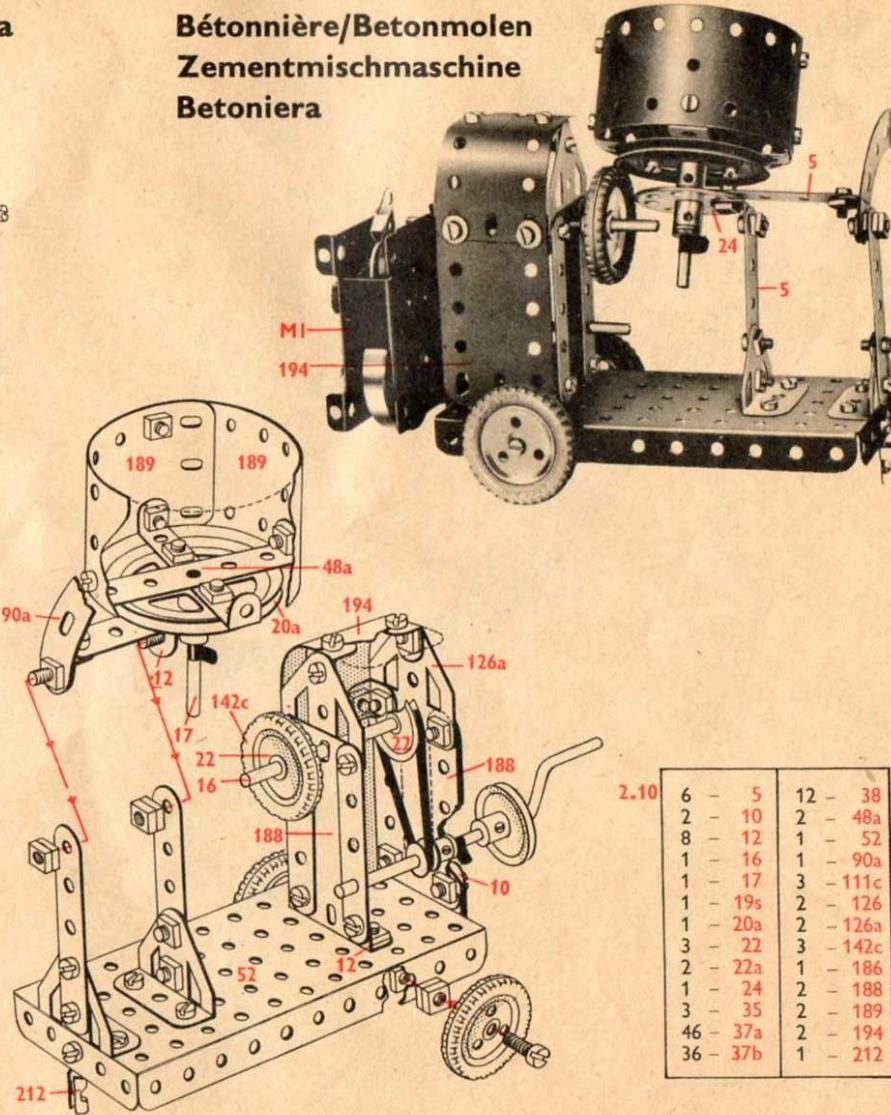
## **2.9 Racing Car/Voiture de course/Racewagen Rennwagen/ Automobile da Corsa**

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**



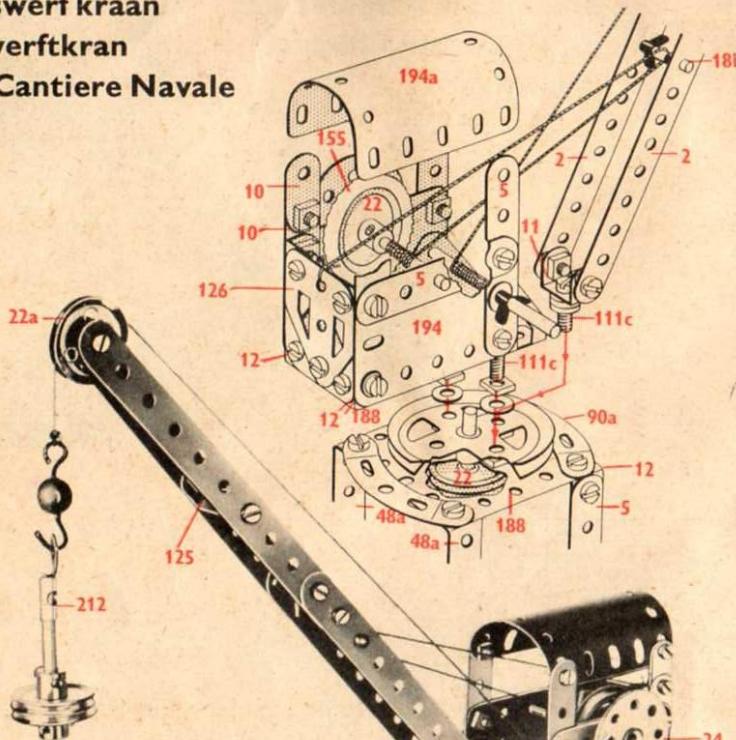
<b>2.10</b>	6 - 5	12 - 38
	2 - 10	2 - 48a
	8 - 12	1 - 52
	1 - 16	1 - 90a
	1 - 17	3 - 111c
	1 - 19s	2 - 126
	1 - 20a	2 - 126a
	3 - 22	3 - 142c
	2 - 22a	1 - 186
	1 - 24	2 - 188
	3 - 35	2 - 189
	46 - 37a	2 - 194
	36 - 37b	1 - 212

## 2.11 Shipyard Crane/Grue de chantier naval

Scheepswerf kraan

Schiffswerftkran

Gru da Cantiere Navale



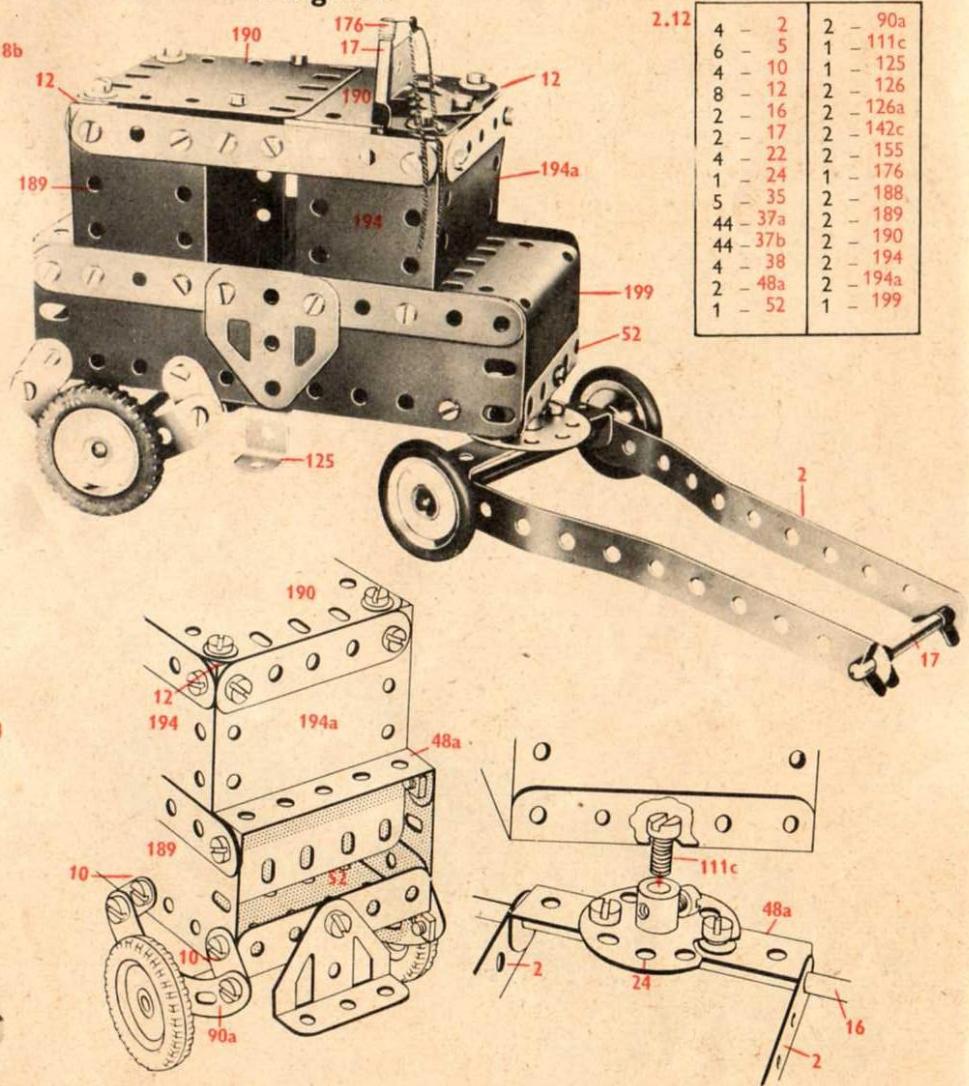
2.11

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		

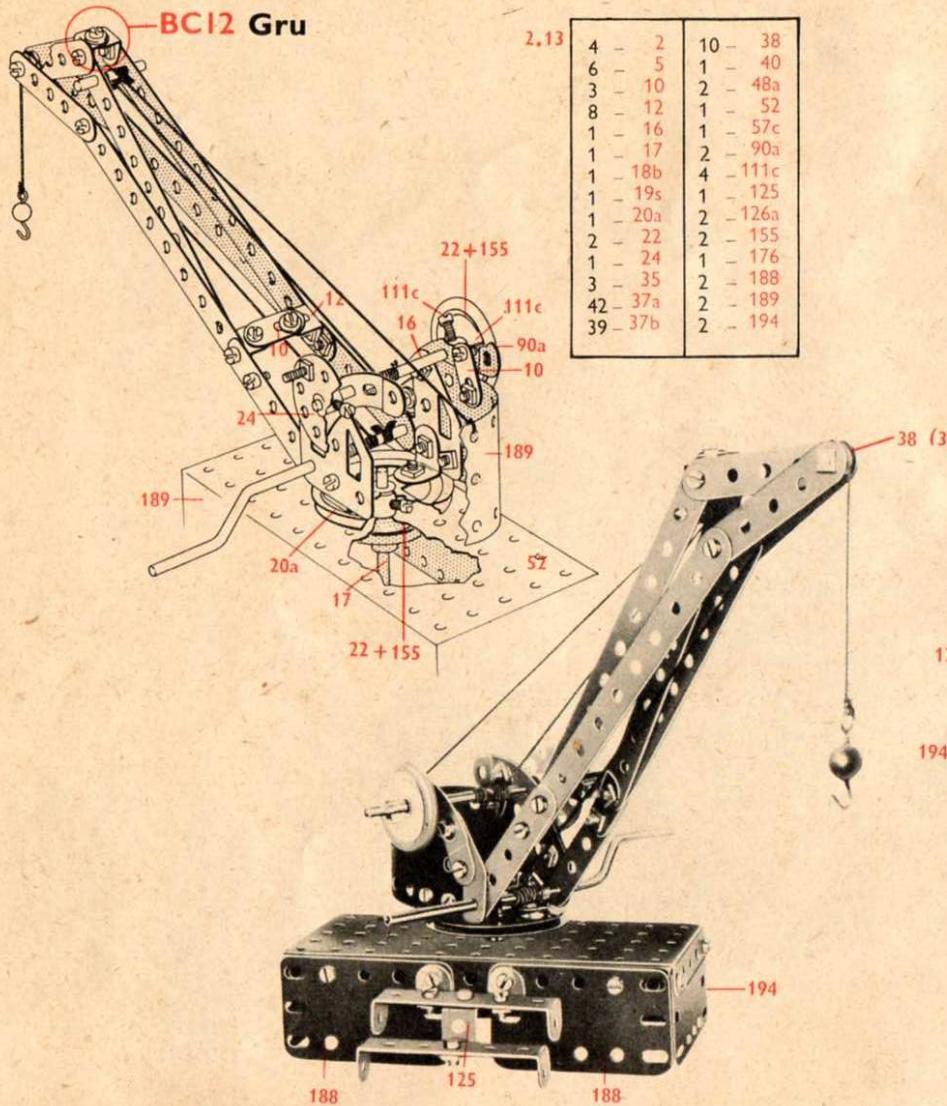
## 2.12 Stage Coach/Diligence/Postkoets/Postkutsche/Diligenza

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

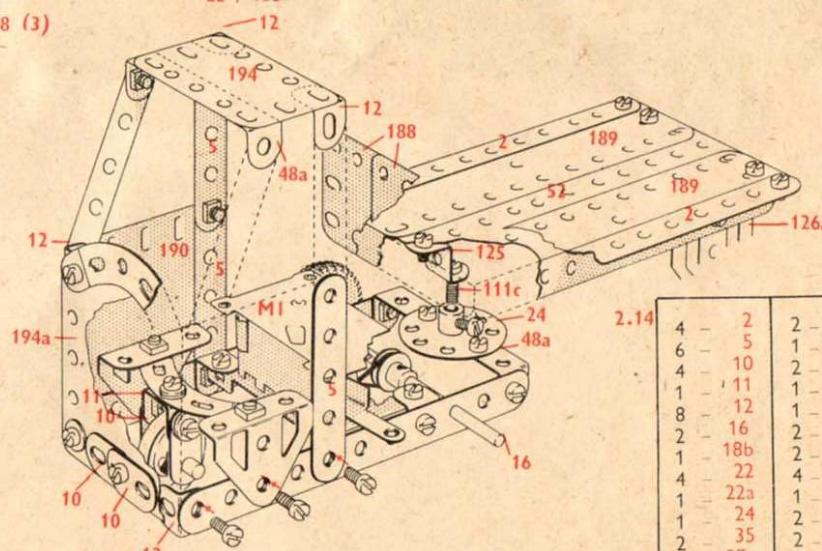
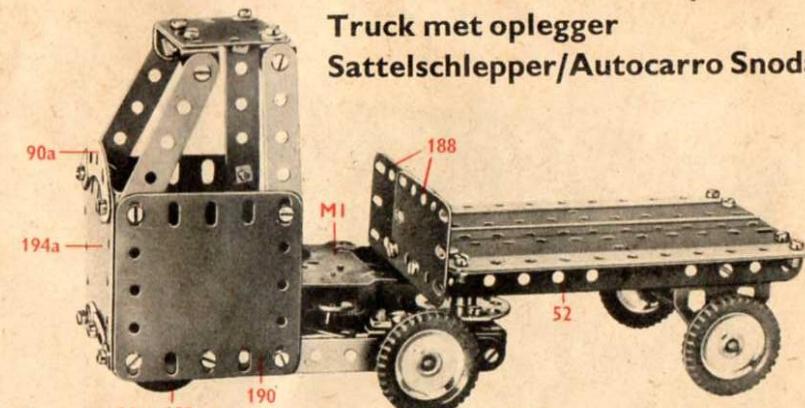


## **2.13 Goods Yard Crane/Grue de quai/Ladingkraan Güterbahnhofskran**



<b>2.13</b>	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

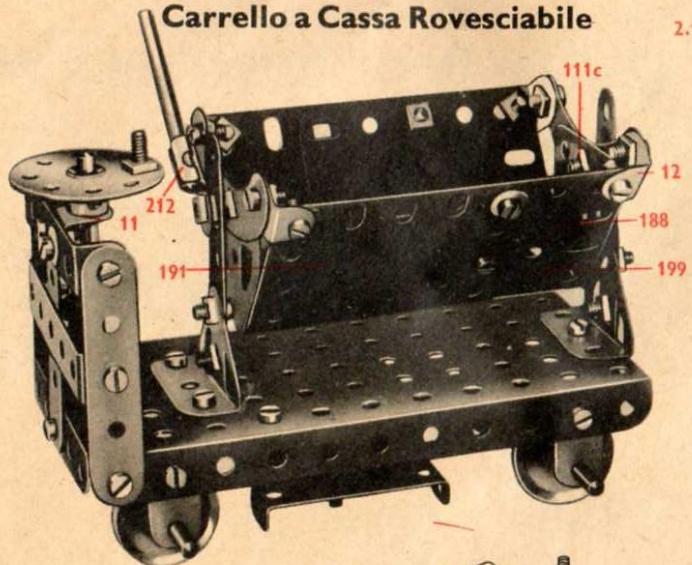


14				
4	-	2	2	48a
6	-	5	1	52
4	-	10	2	90a
1	-	11	1	111c
8	-	12	1	125
2	-	16	2	126
1	-	18b	2	126a
4	-	22	4	142c
1	-	22a	1	155
1	-	24	2	188
2	-	35	2	189
47	-	37a	2	190
46	-	37b	1	194
10	-	38	1	194a

**2.15 Side-tipping Truck/Chariot à benne basculant latéralement**

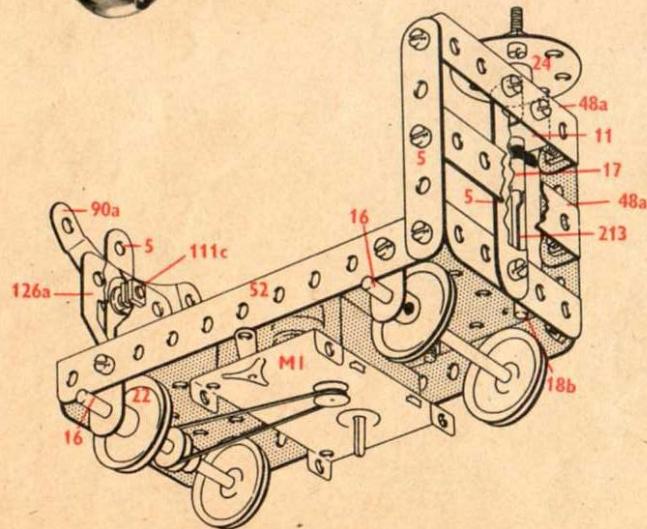
Kipwagen/Kippkarren

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

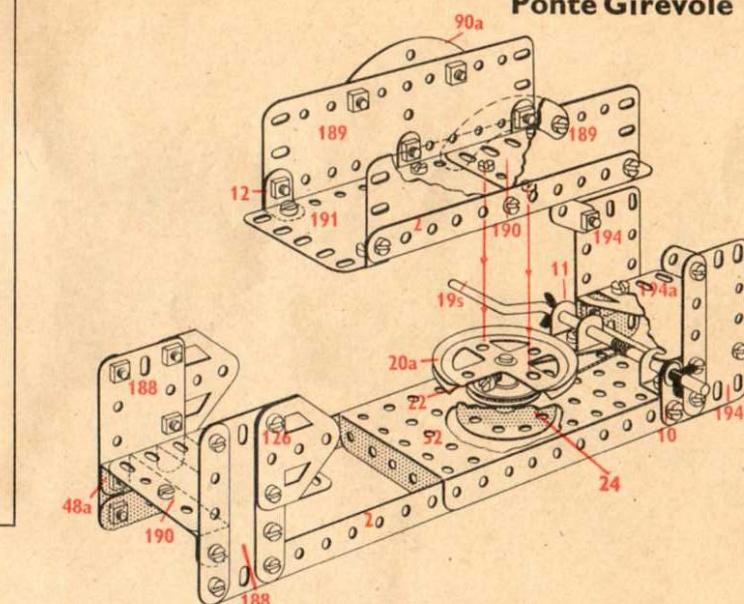


**2.16 Swing Bridge/Pont tournant/Draaibrug**

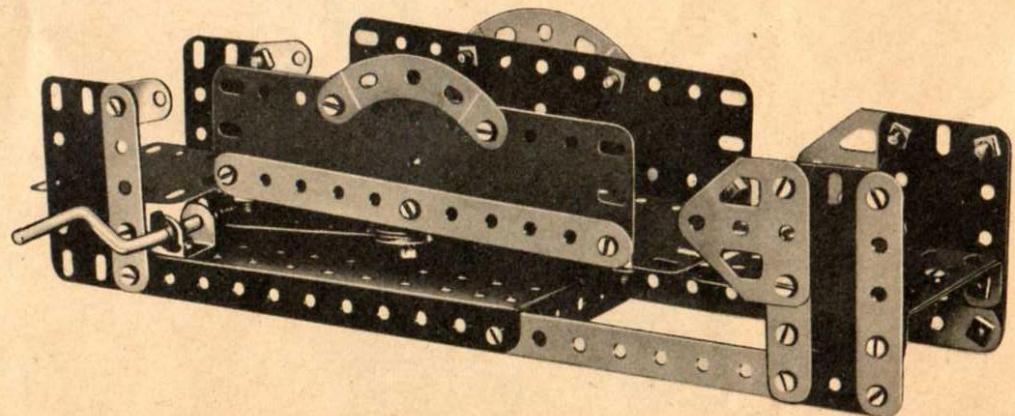
Drehbrücke

Ponte Girevole

2.16



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

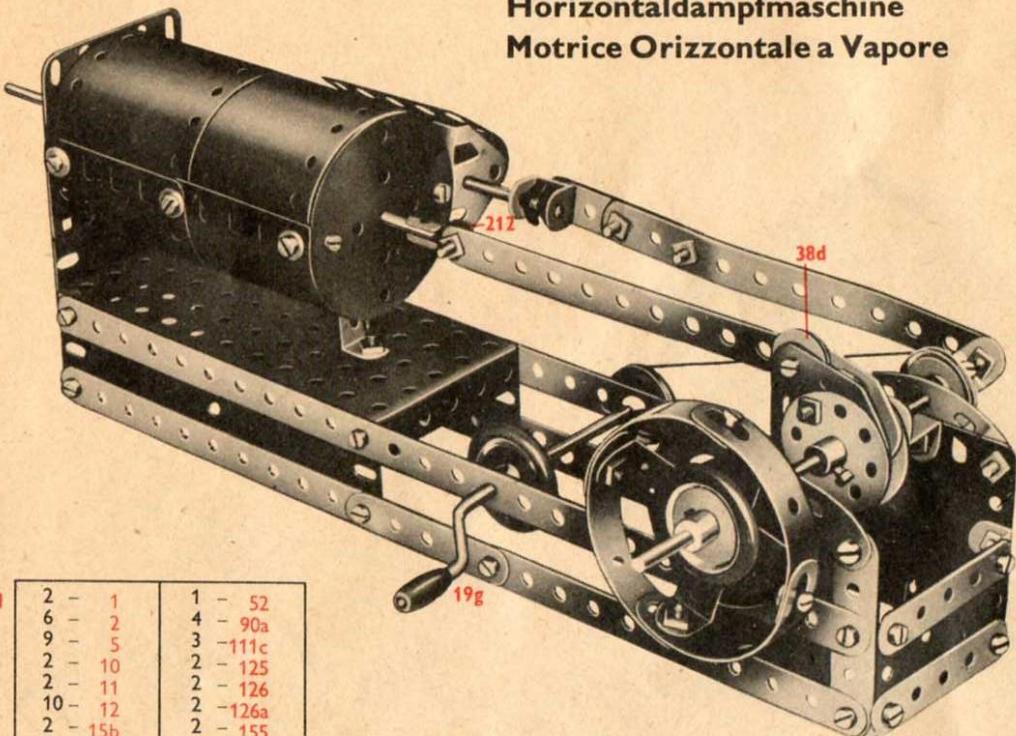


### 3.1 Horizontal Steam Engine/Machine à vapeur horizontale

Horizontale stoommachine

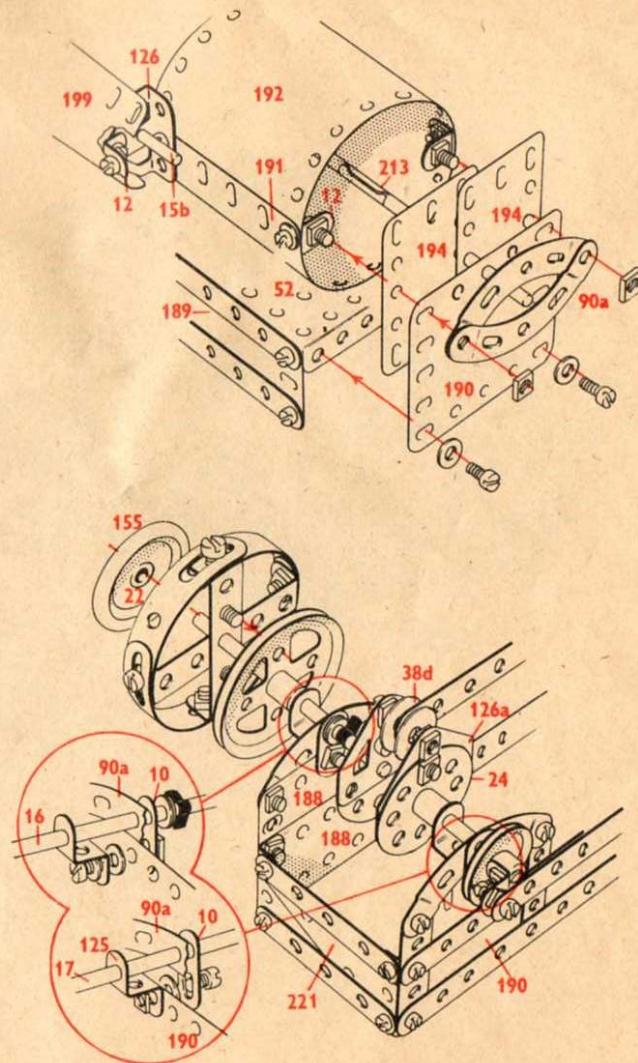
Horizontal dampfmaschine

Motrice Orizzontale a Vapore

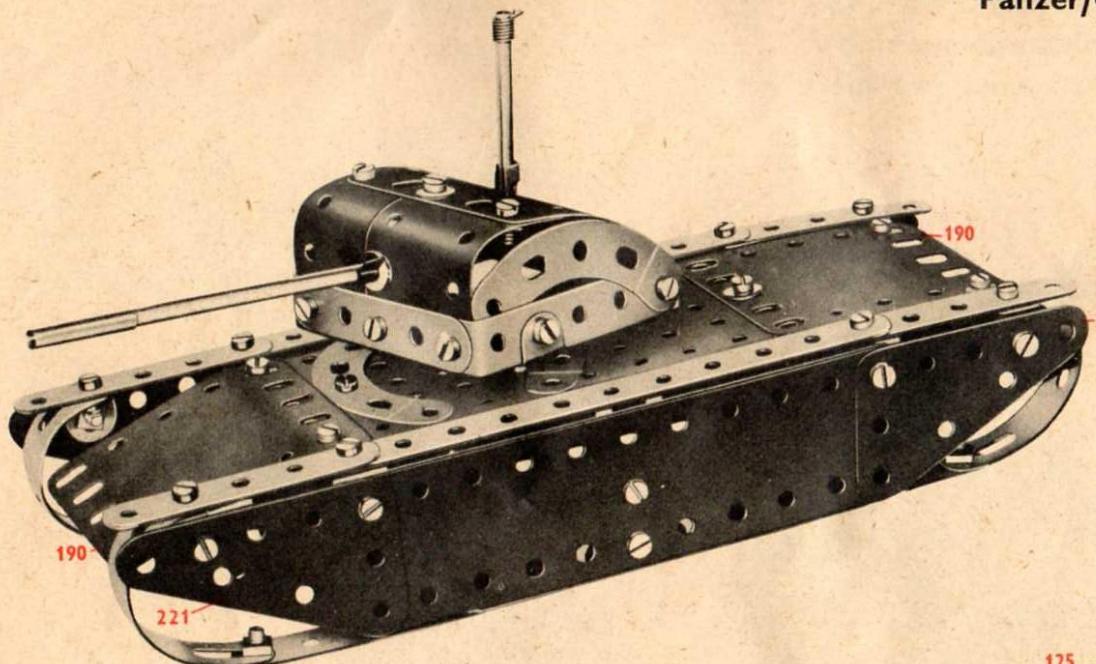


3.1

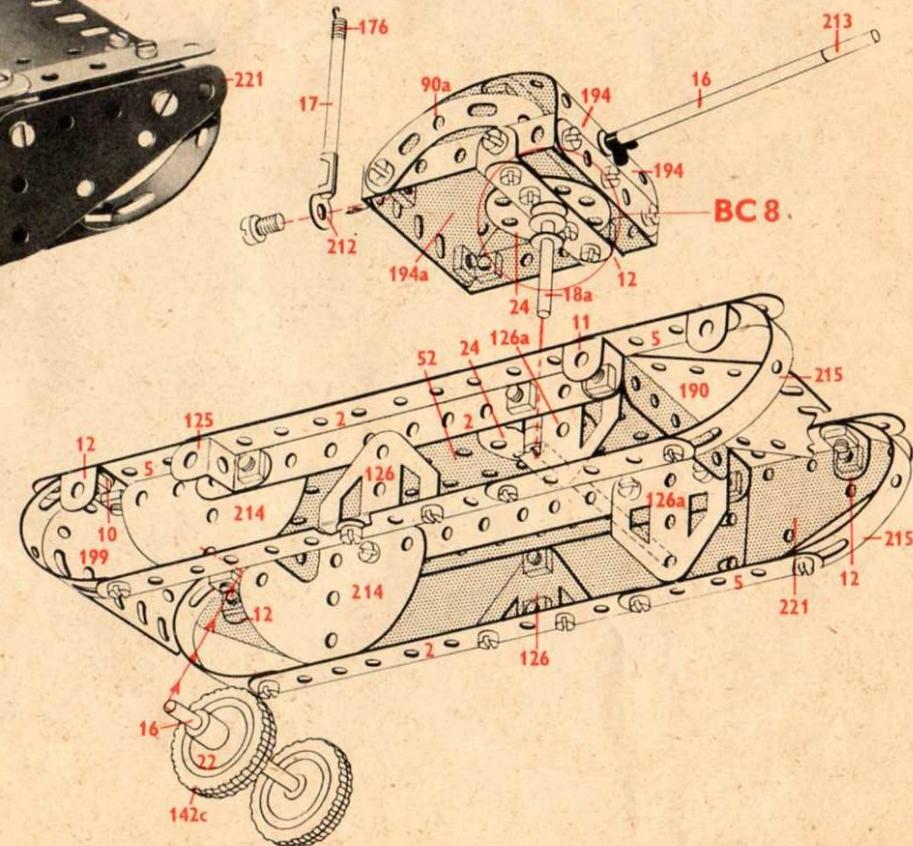
2 -	1	1 -	52
6 -	2	4 -	90a
9 -	5	3 -	111c
2 -	10	2 -	125
2 -	11	2 -	126
10 -	12	2 -	126a
2 -	15b	2 -	155
2 -	16	2 -	188
1 -	17	2 -	189
1 -	19s	2 -	190
1 -	20a	2 -	191
4 -	22	2 -	192
2 -	24	2 -	194
4 -	35	1 -	199
60 -	37a	1 -	212
53 -	37b	1 -	213
9 -	38	2 -	214
2 -	38d	4 -	215
1 -	40	2 -	221
2 -	48a		



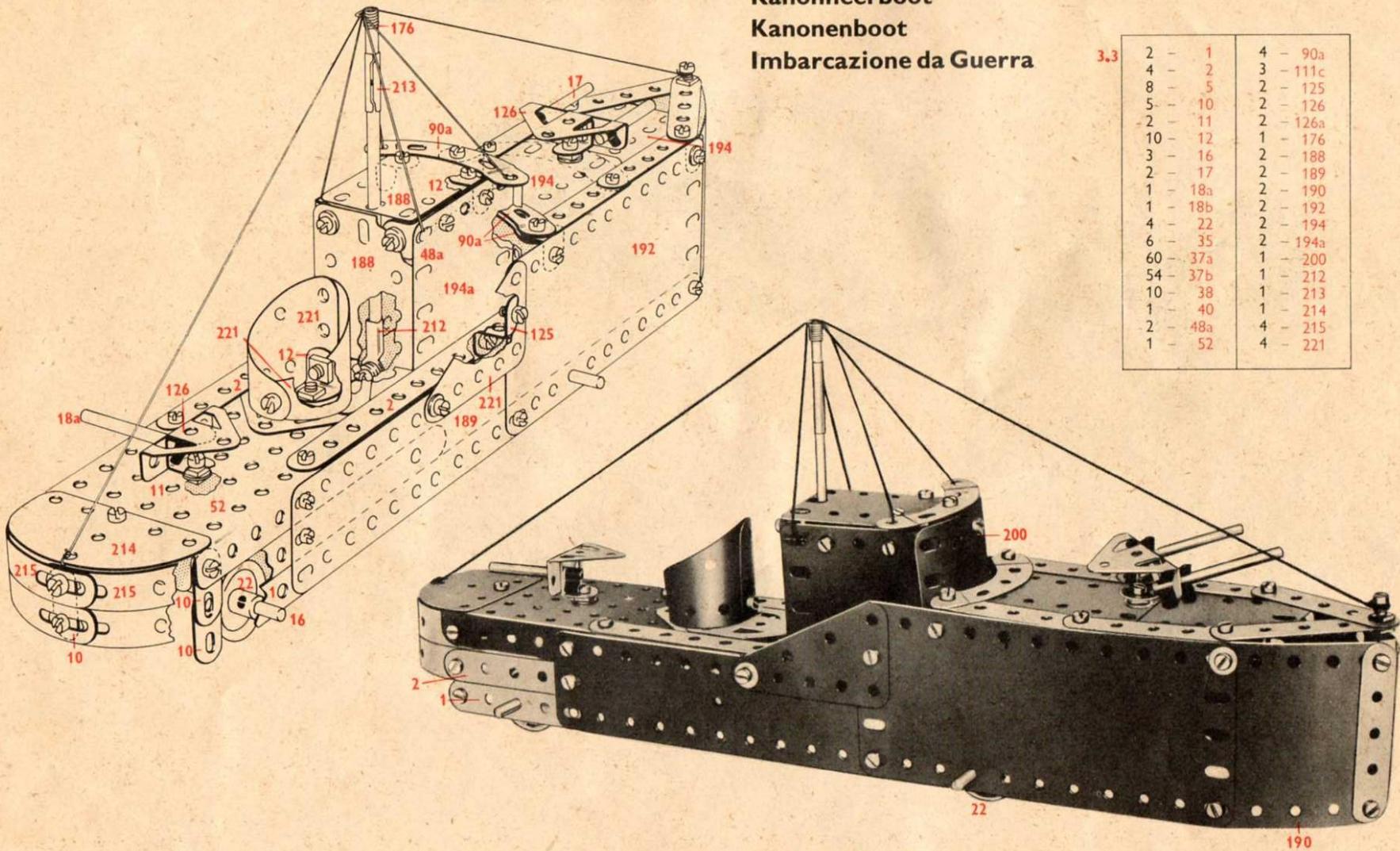
**3.2 Tank/Char de combat  
Panzer/Carro Armato**



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	

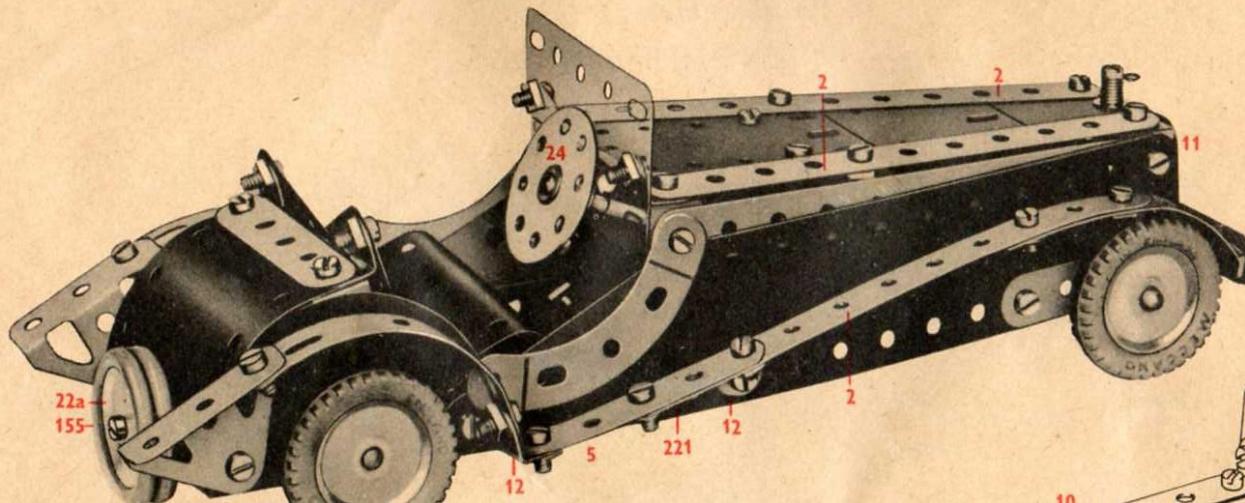


**3.3 Gun Boat/Cannonnière  
Kanonneerboot  
Kanonenboot  
Imbarcazione da Guerra**

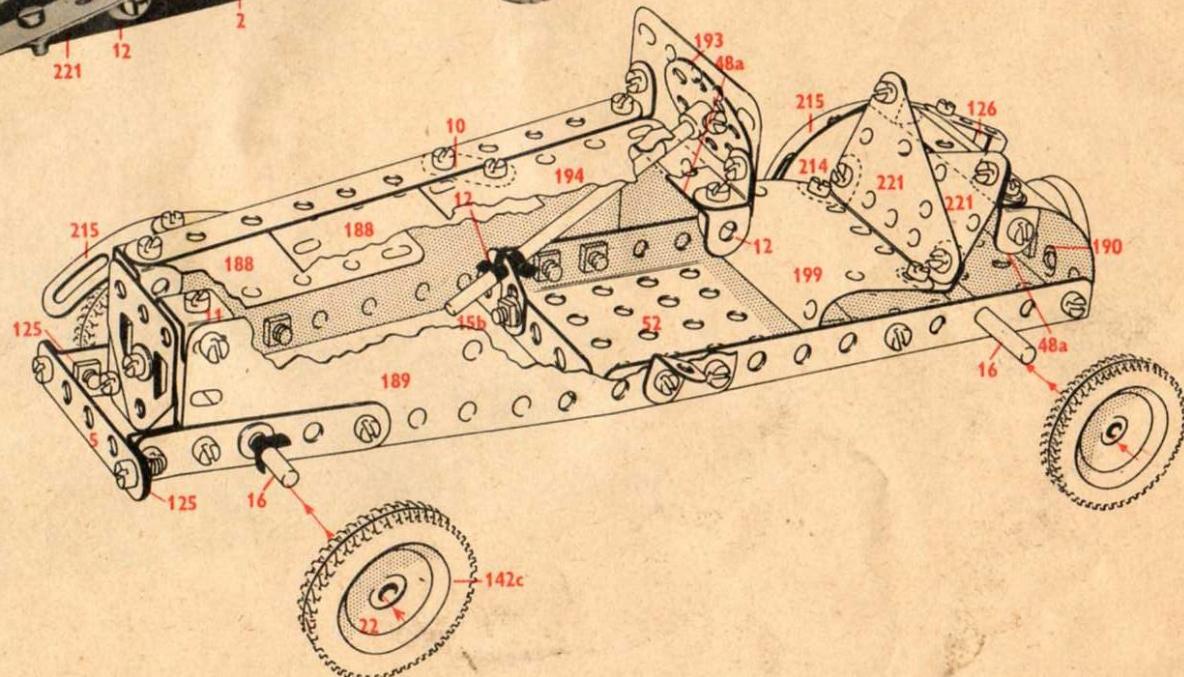


3.3	2	-	1	4	-	90a
	4	-	2	3	-	111c
	8	-	5	2	-	125
	5	-	10	2	-	126
	2	-	11	2	-	126a
	10	-	12	1	-	176
	3	-	16	2	-	188
	2	-	17	2	-	189
	1	-	18a	2	-	190
	1	-	18b	2	-	192
	4	-	22	2	-	194
	6	-	35	2	-	194a
	60	-	37a	1	-	200
	54	-	37b	1	-	212
	10	-	38	1	-	213
	1	-	40	1	-	214
	2	-	48a	4	-	215
	1	-	52	4	-	221

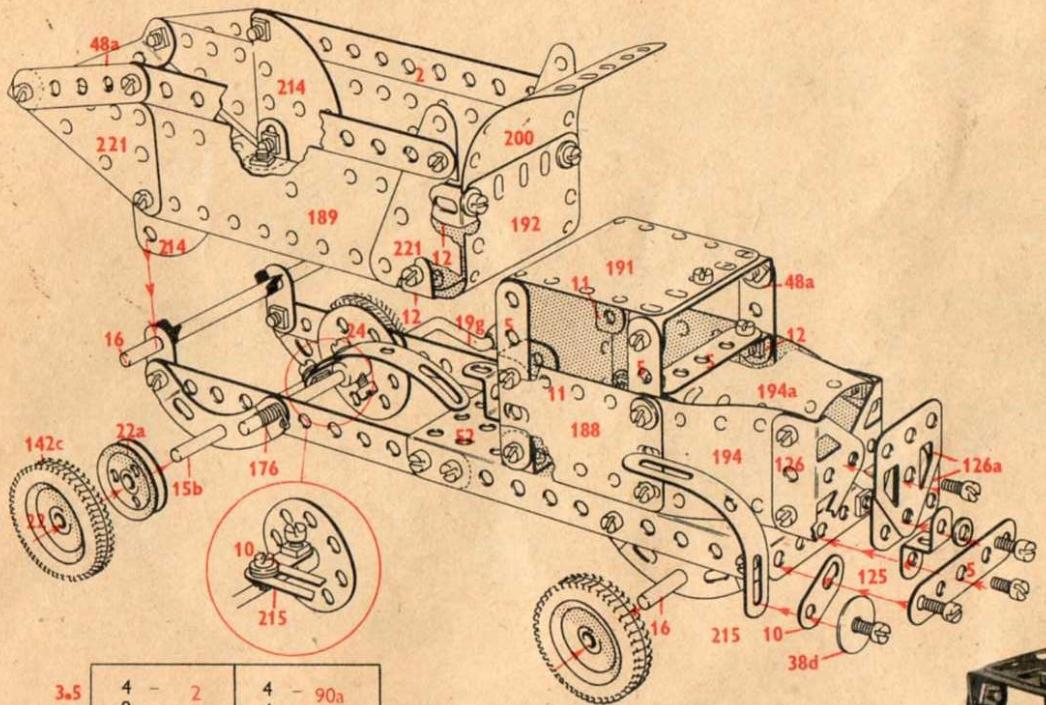
3.4 Sports Car/Voiture sport/Sportauto  
Sportwagen/Autovettura Sport



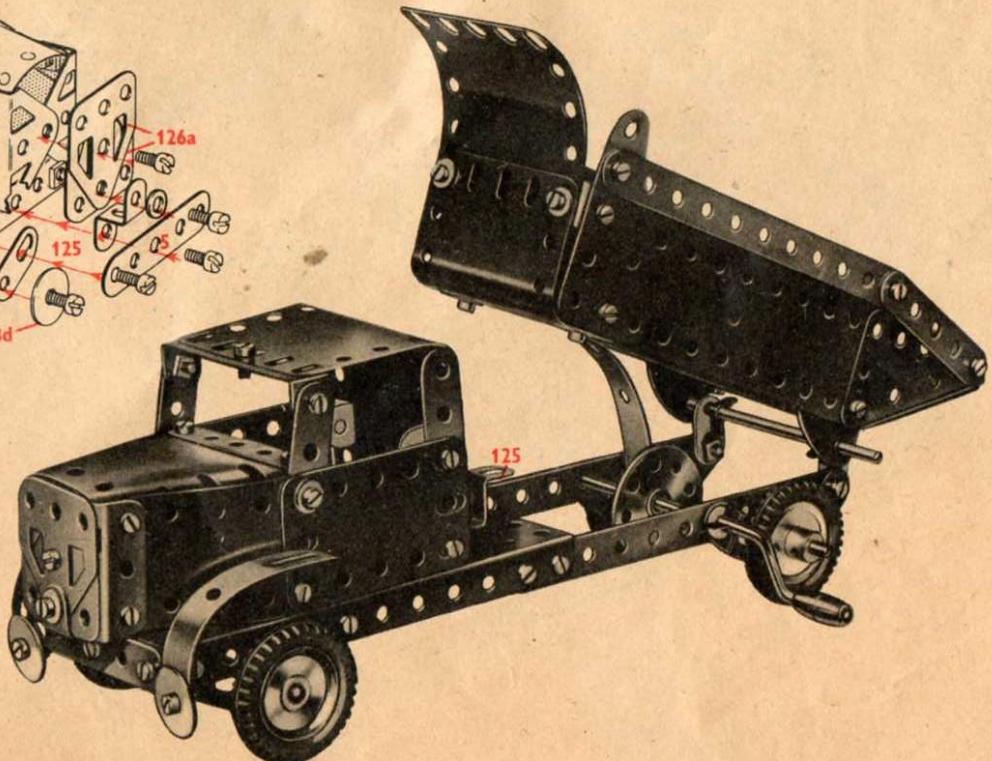
3.4	6 -	2	4 -	111c
	6 -	5	2 -	125
	3 -	10	2 -	126
	2 -	11	2 -	126a
	10 -	12	4 -	142c
	1 -	15b	2 -	155
	2 -	16	1 -	176
	4 -	22	2 -	188
	2 -	22a	2 -	189
	1 -	24	1 -	193
	4 -	35	1 -	194
	60 -	37a	1 -	199
	56 -	37b	1 -	200
	5 -	38	2 -	214
	2 -	48a	4 -	215
	1 -	52	4 -	221
	2 -	90a		

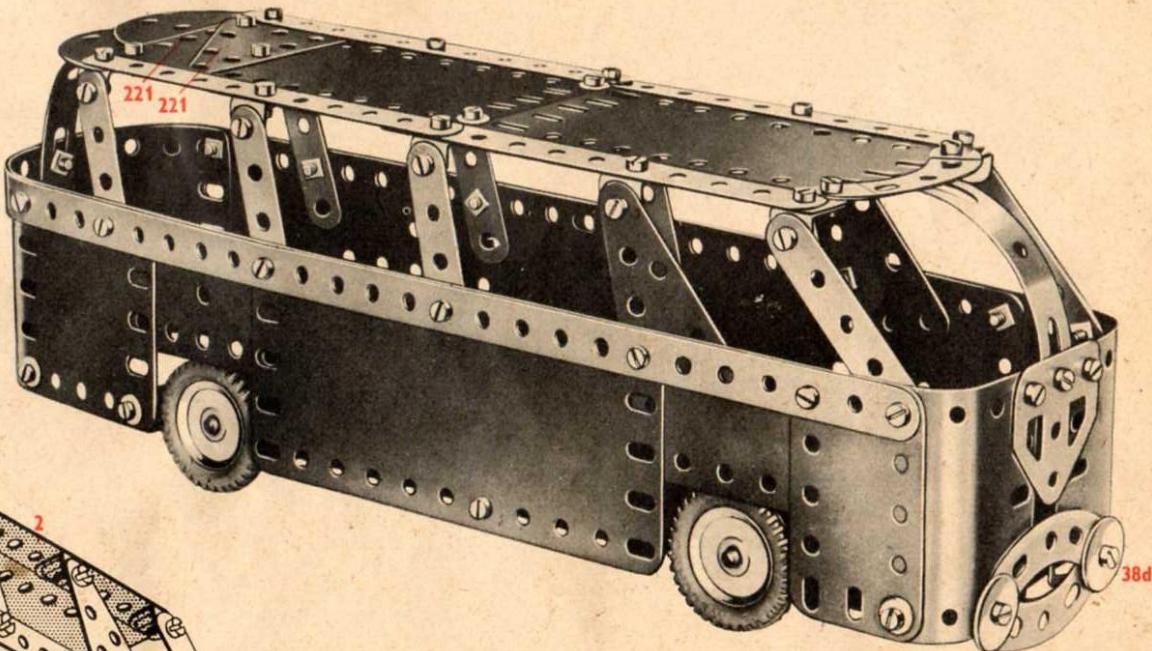
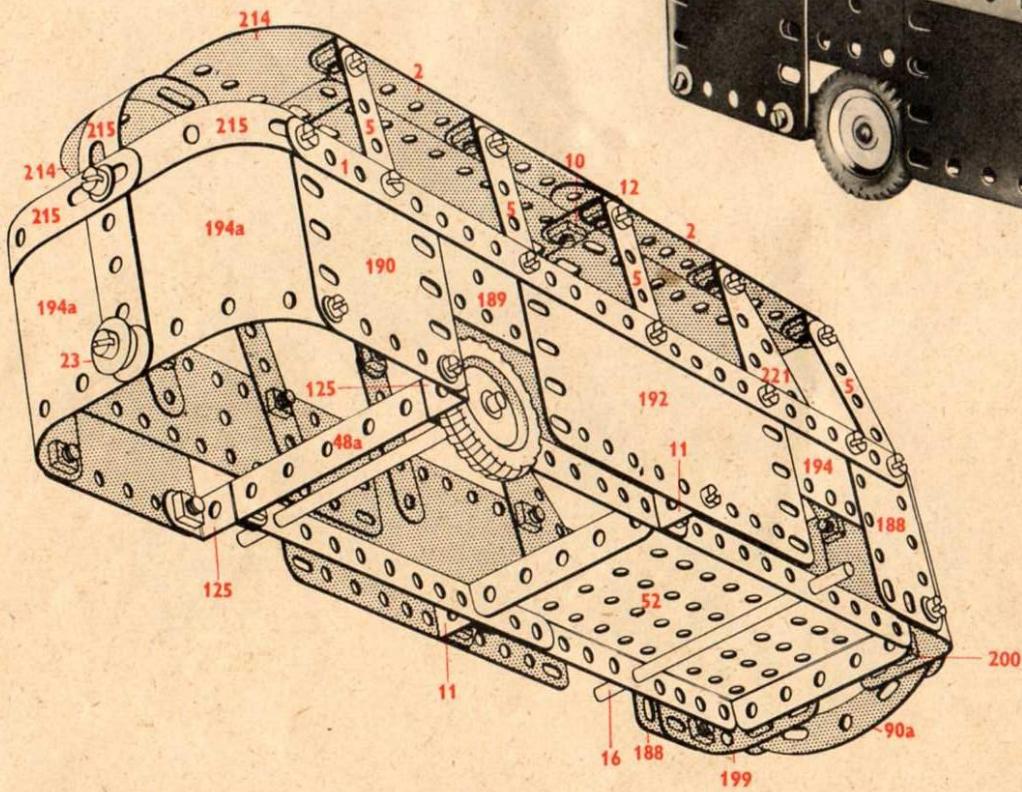


3.5 Dumper Truck  
**Camion à benne basculante**  
**Kipauto**  
**Kippwagen**  
**Autocarro a Cassa Ribaltabile**



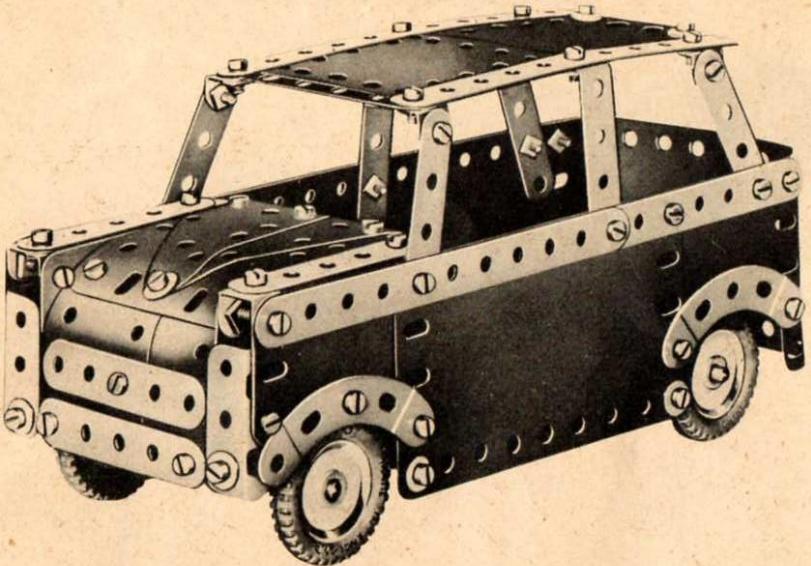
3.5	4 - 2	4 - 90a
	8 - 5	4 - 111c
	5 - 10	2 - 125
	2 - 11	2 - 126
	10 - 12	2 - 126a
	1 - 15b	4 - 142c
	2 - 16	1 - 176
	1 - 19s	2 - 188
	4 - 22	2 - 189
	2 - 22a	2 - 190
	1 - 24	1 - 191
	3 - 35	1 - 192
	60 - 37a	2 - 194
	56 - 37b	1 - 194a
	10 - 38	1 - 200
	2 - 38d	2 - 214
	2 - 48a	3 - 215
	1 - 52	4 - 221



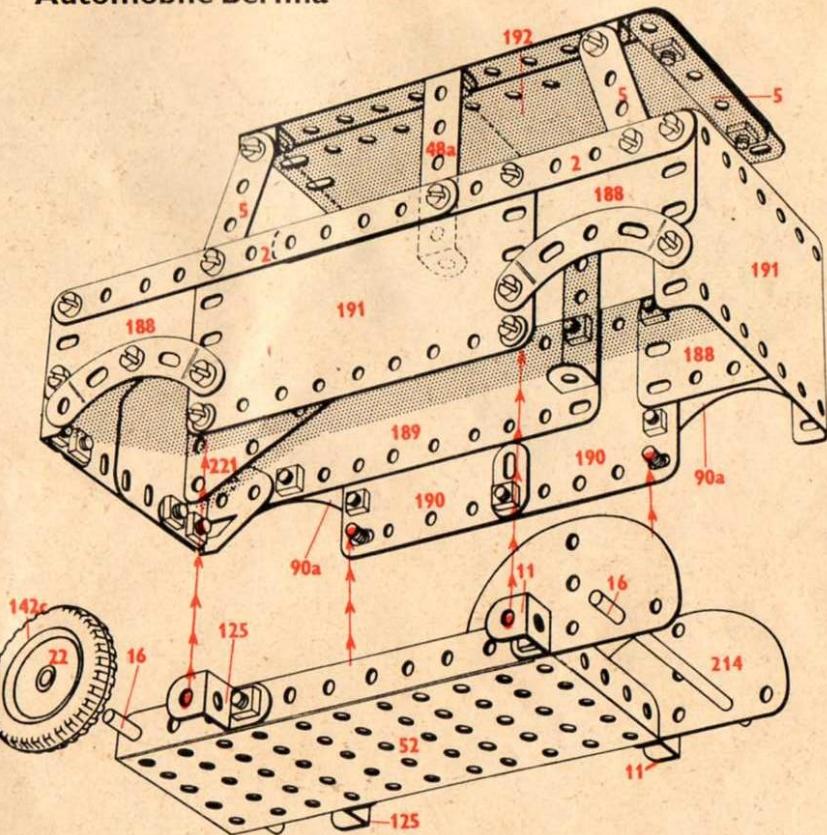
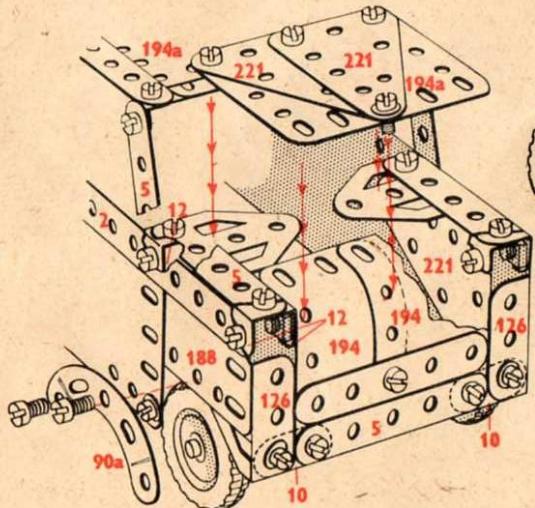
**3.6 Observation Coach****Autocar grand tourisme****Uitzicht autobus****Aussichtswagen****Autobus Belvedere**

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

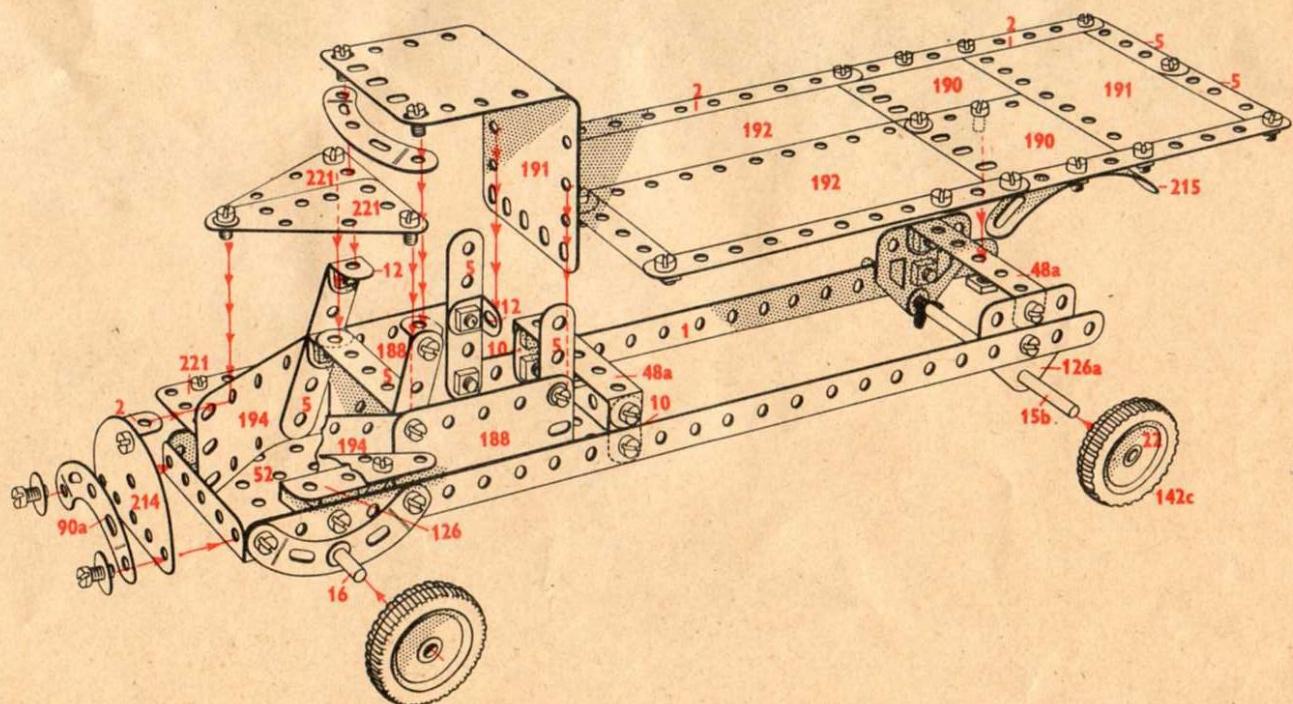
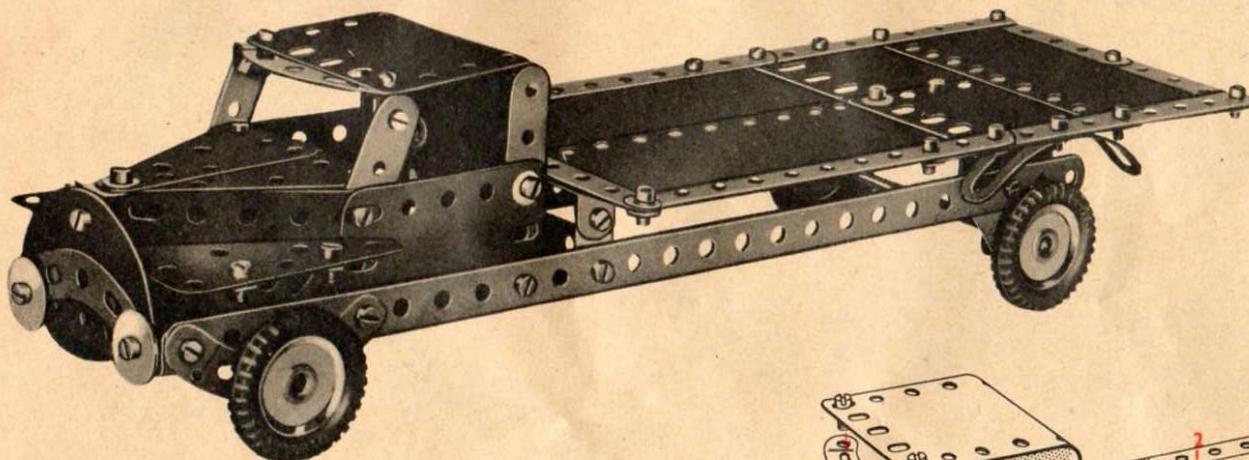
### **3.7 Saloon Car/Conduite intérieure Personen auto/Personenwagen Automobile Berlina**



3.7	6 -	2	2 -	125
	9 -	5	2 -	126
	3 -	10	2 -	126a
	2 -	11	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	4 -	221
	4 -	111c		



**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

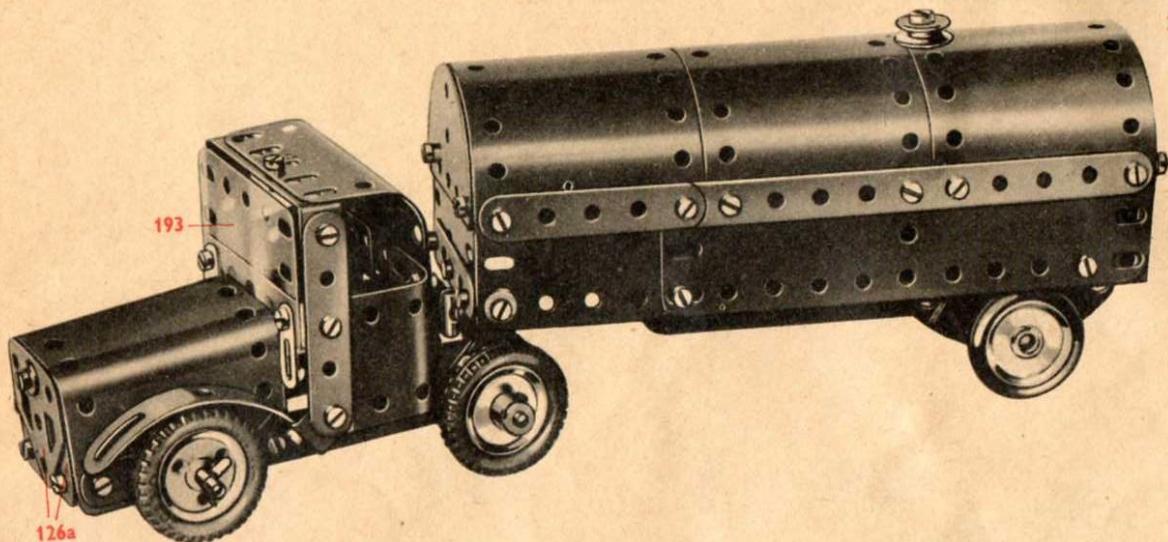
Tankauto, truck met

oplegger

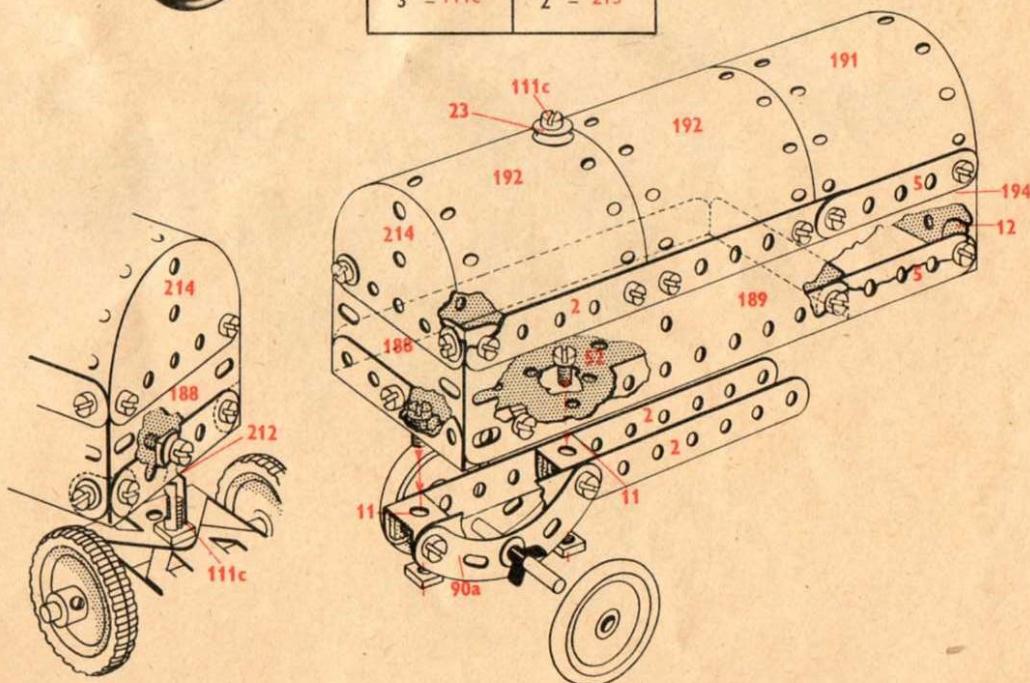
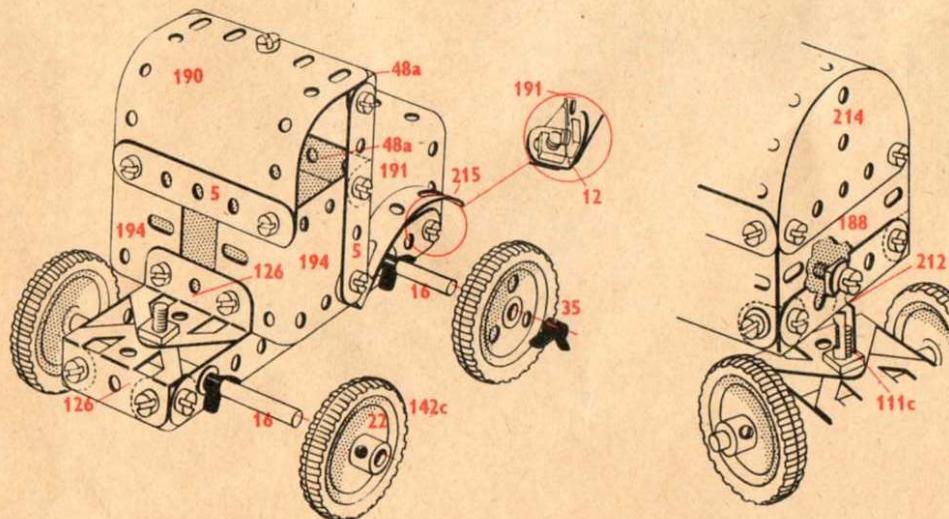
Sattelschlepper mit

Tankanhang

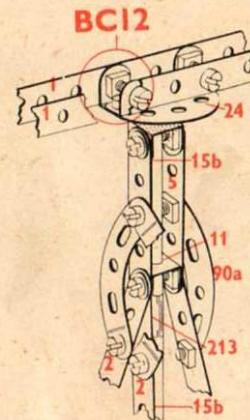
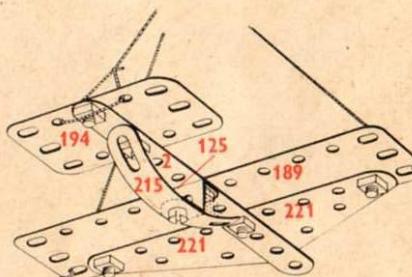
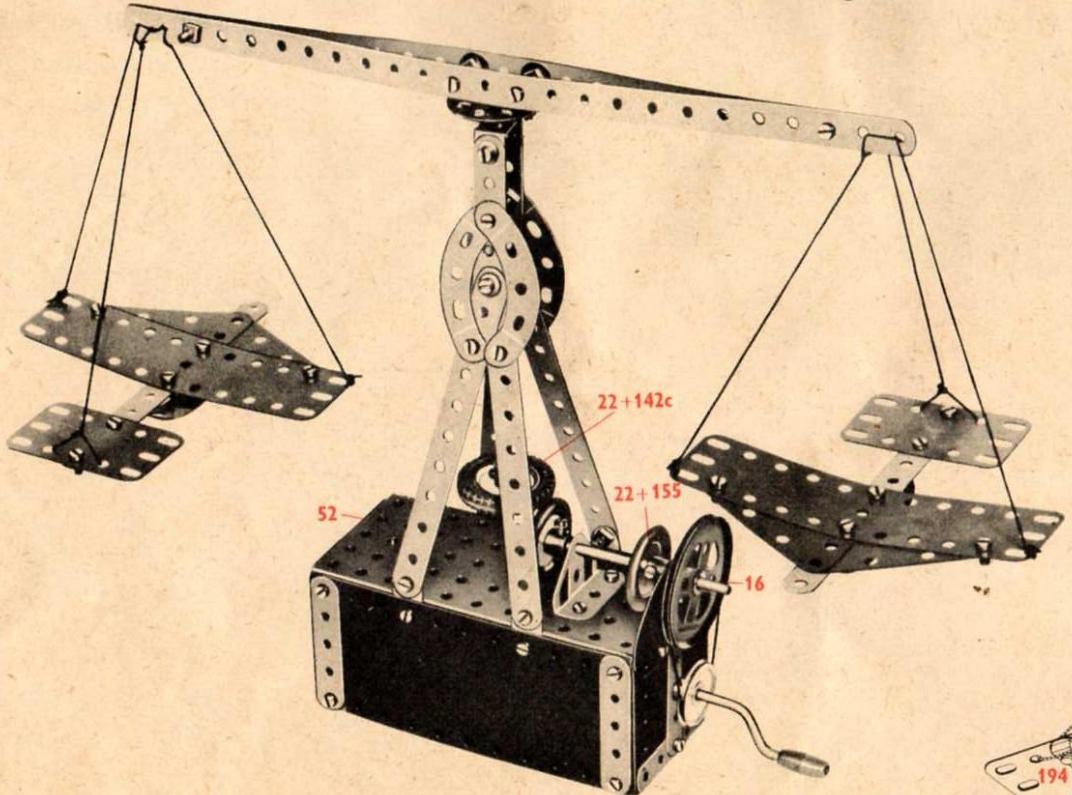
Autobotte Snodata



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

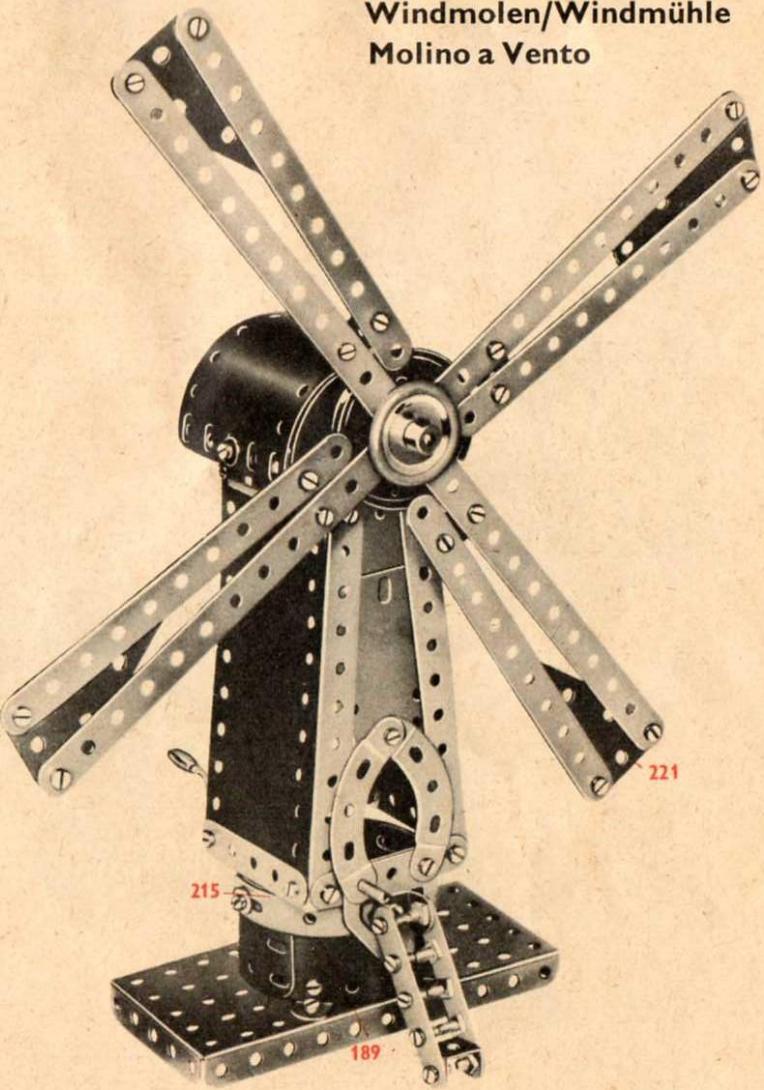
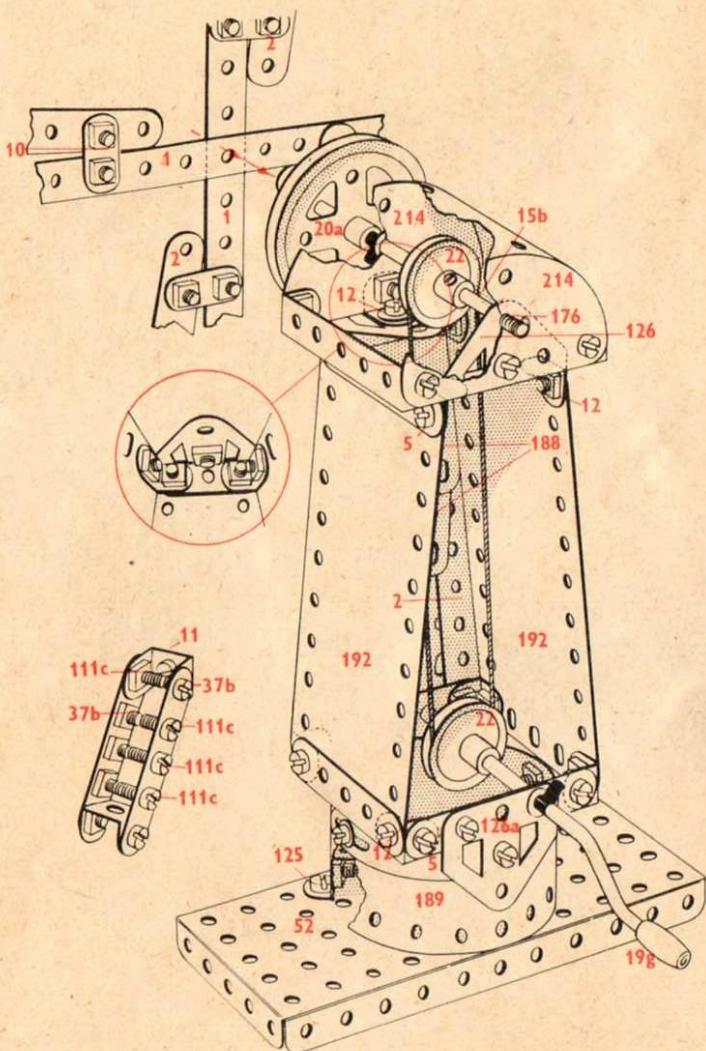
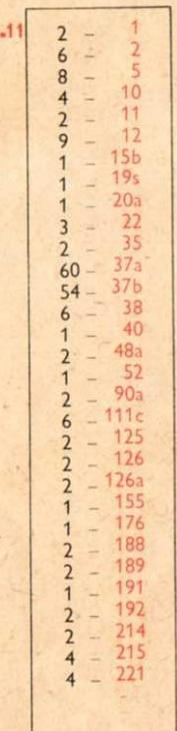


**3.10 Revolving Jet Planes/ Manège d'avions/Draaiende Jet-vliegtuigen**  
**Düsenjägerkarussell**  
**Giostra d'Aviogetti**

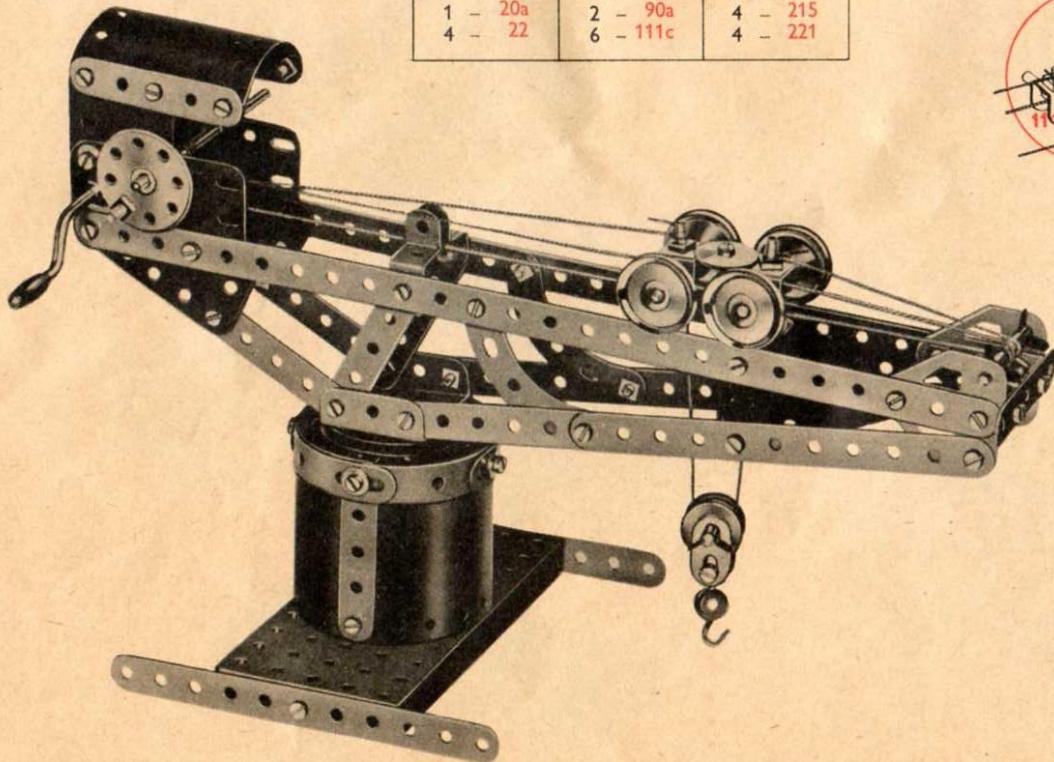


3.10	
2	1
6	2
9	5
4	10
2	11
4	12
2	15b
1	16
1	19s
1	20a
4	22
2	24
60	37a
56	37b
6	38
1	40
2	48a
1	52
4	90a
4	111c
2	125
2	126
1	142c
2	155
2	188
2	189
1	190
2	192
2	194
1	213
1	214
2	215
4	221

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

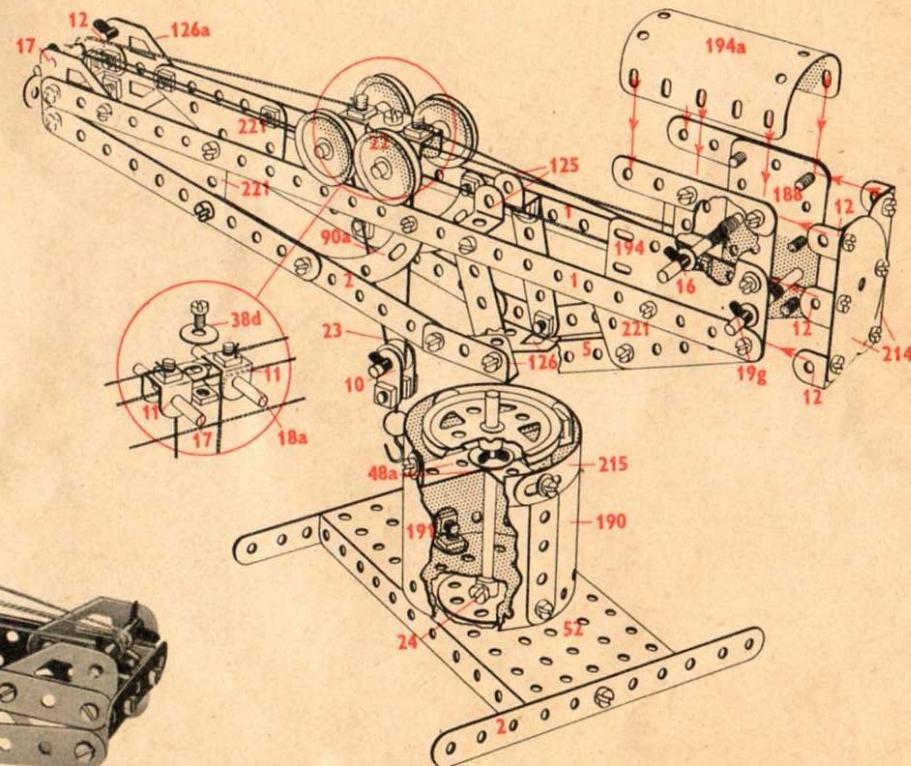


**3.12 Block-setting Crane/Grue pour poser de blocs de béton/Zware kraan/Fahrbarer Portaldrehkran  
Gru per la Posa di Massi**

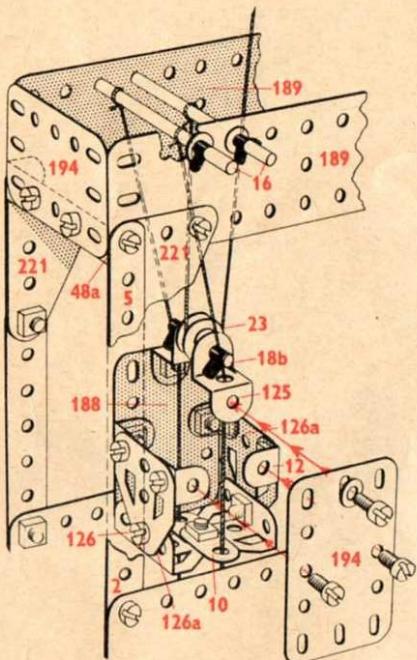


3.12

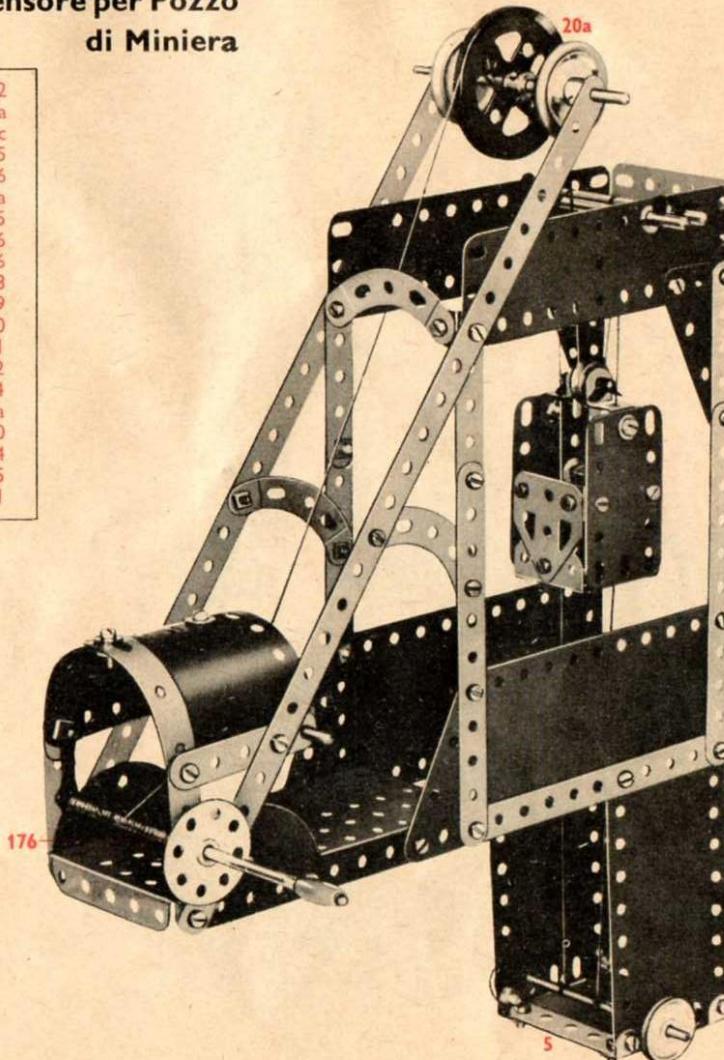
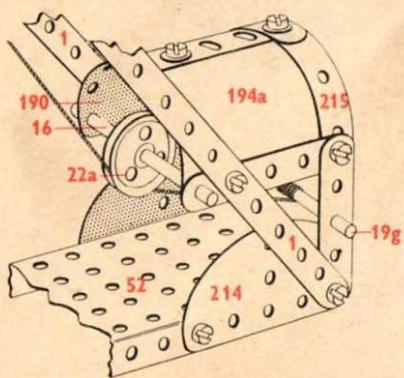
2 -	1	1 -	23	2 -	125
6 -	2	2 -	24	2 -	126
9 -	5	8 -	35	2 -	126a
4 -	10	60 -	37a	1 -	176
2 -	11	52 -	37b	2 -	188
10 -	12	10 -	38	1 -	190
2 -	16	2 -	38d	1 -	191
2 -	17	1 -	40	2 -	194
1 -	18a	2 -	48a	1 -	194a
1 -	18b	1 -	52	1 -	200
1 -	19s	1 -	57c	2 -	214
1 -	20a	2 -	90a	4 -	215
4 -	22	6 -	111c	4 -	221



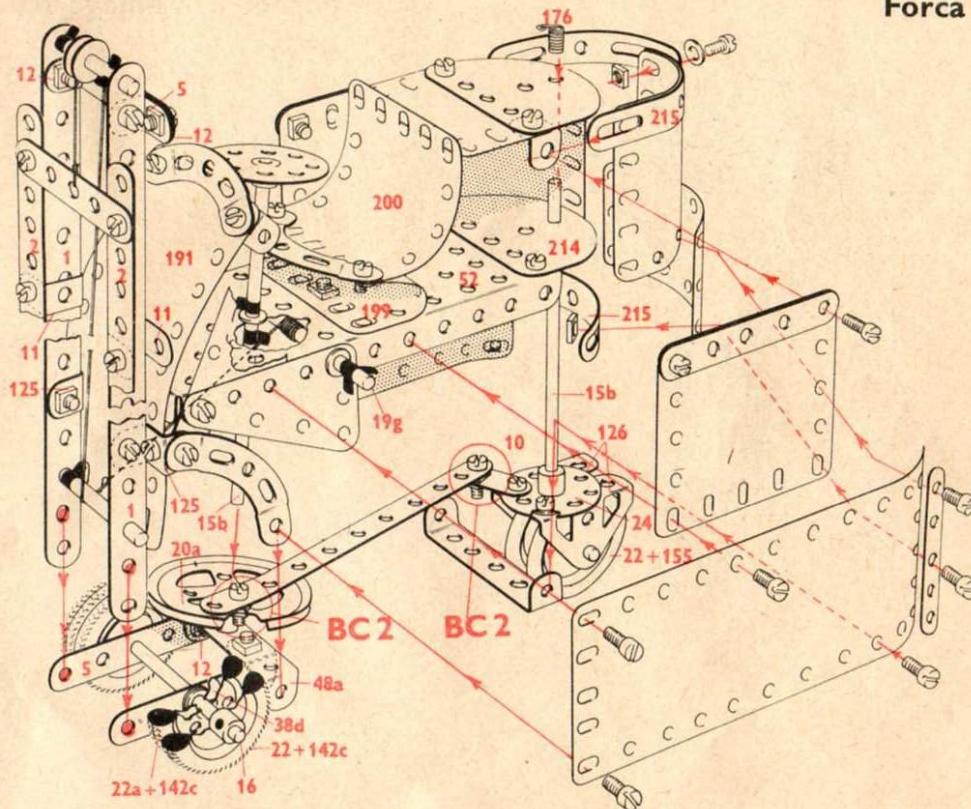
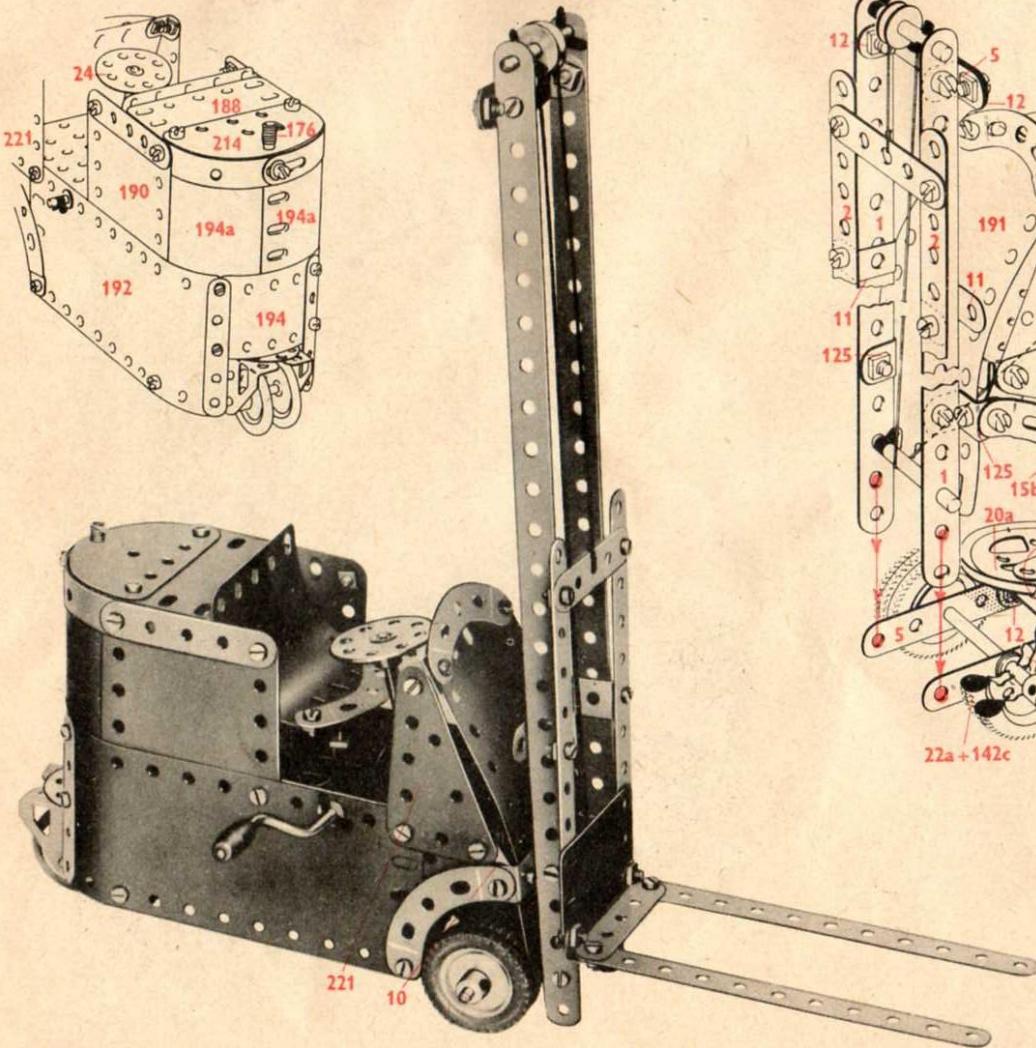
**3.13 Pit-head Gear/Puits de mine/Mijnschacht lift  
Förderturmanlage/Ascensore per Pozzo  
di Miniera**



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



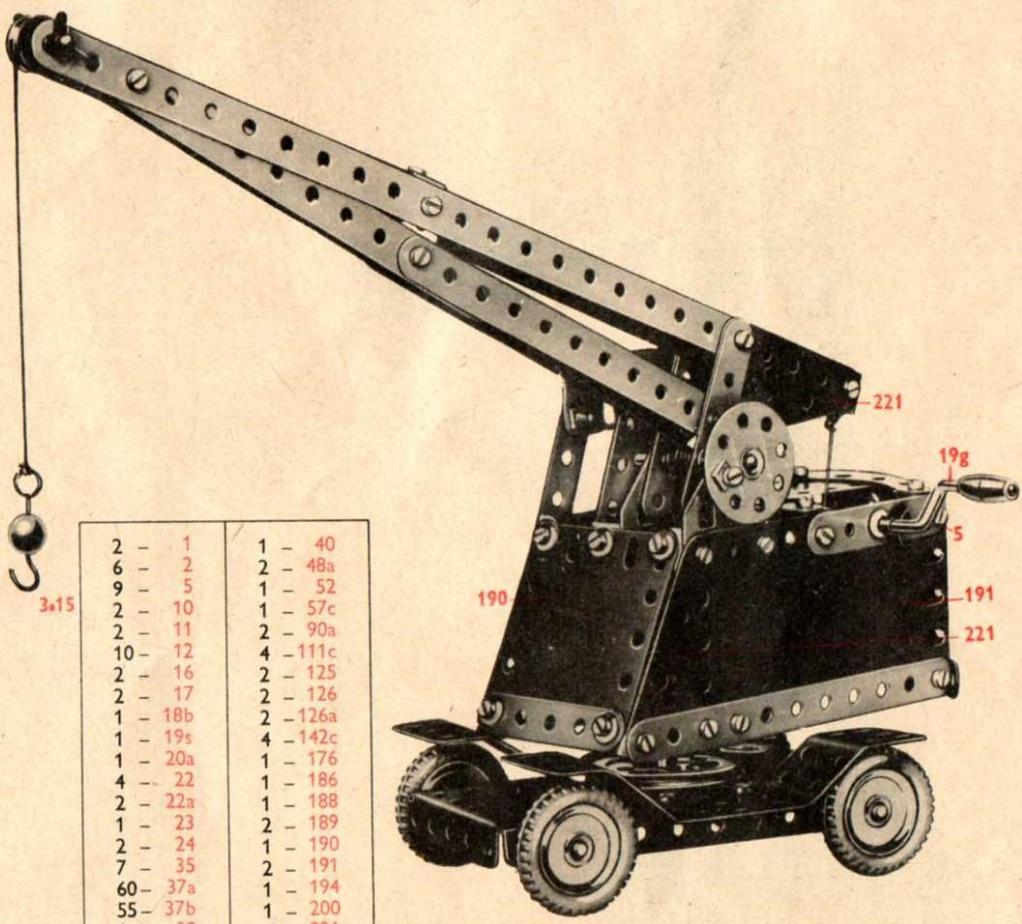
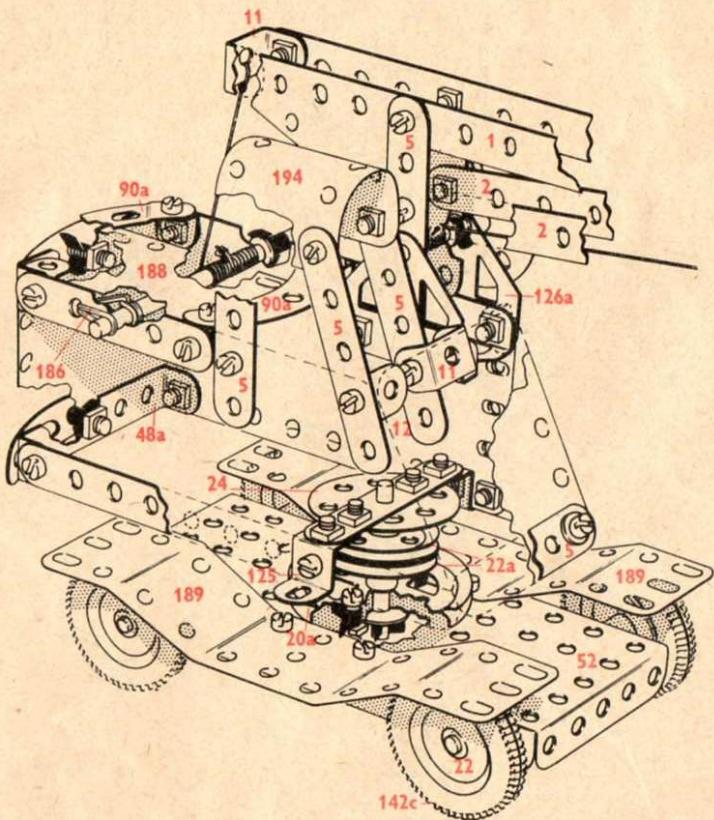
**3.14 Fork-lift Truck/Chariot à fourche/Vorkheftruck/Gabelstapler/Carrello con Elevatore a Forca**



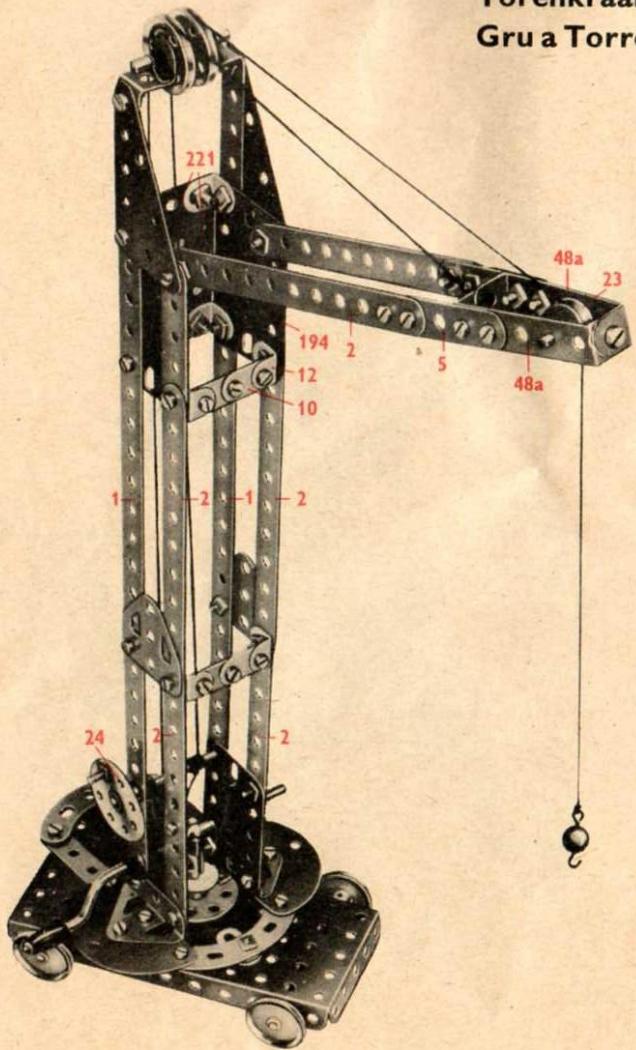
3.14	2 - 1	1 - 20a	2 - 48a	1 - 191
	5 - 2	4 - 22	1 - 52	2 - 192
	9 - 5	2 - 22a	4 - 90a	1 - 194
	3 - 10	1 - 23	3 - 111c	2 - 194a
	2 - 11	2 - 24	2 - 125	1 - 199
	10 - 12	8 - 35	2 - 126	1 - 200
	2 - 15b	60 - 37a	4 - 142c	2 - 214
	1 - 16	55 - 37b	2 - 155	3 - 215
	2 - 17	10 - 38	1 - 176	4 - 221
	1 - 18a	2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

## 3.15 Mobile Crane/Grue mobile/Rijdende kraan

Fahrbarer Kran/Gru Mobile

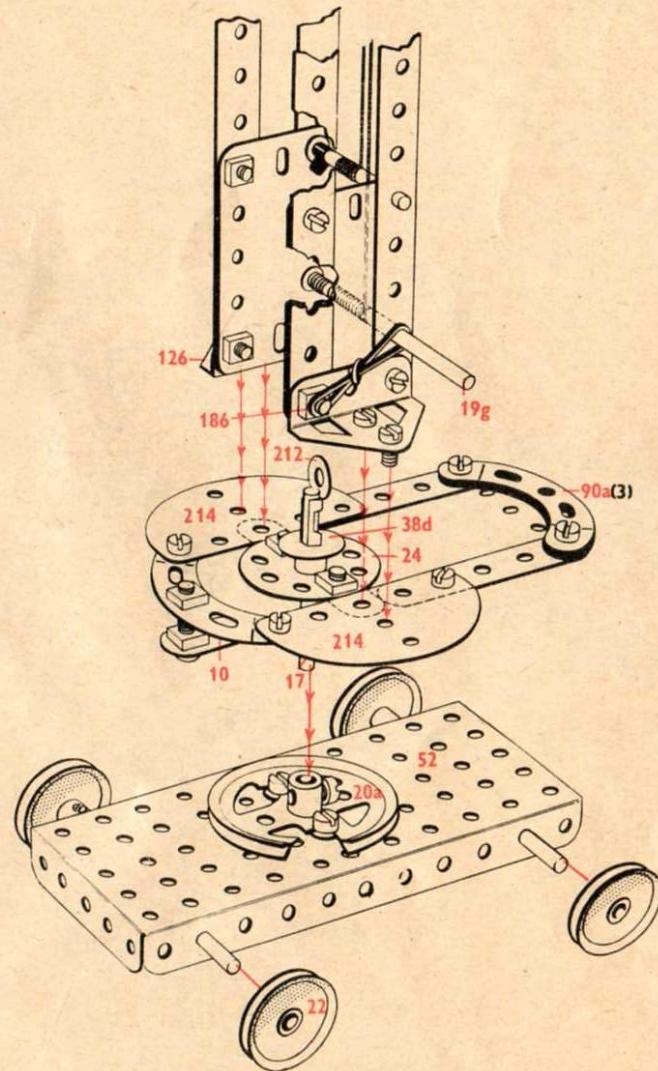


**3.16 Monotower Crane/Grue de chantier  
Torenkraan/Turmdrehkran  
Gru a Torre**



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  
Geporeerde strook  
Lochband  
Strisce perforate

Fishplate  
Support plat  
Plat steunstuk  
Flache Stütze  
Supporto piatto

Double Bracket  
Support double  
Dubbel steunstuk  
Doppelte Winkelstütze  
Supporto doppio

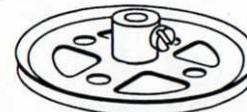
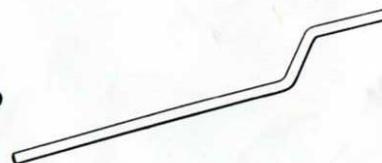
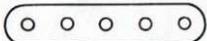
Angle Bracket  
Equerre  
Hoeksteen  
Winkelstütze  
Squadretta

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)



1-12½"; 32 cm  
2-5½"; 14 cm  
5-2½"; 6 cm

10

11

12

15b- 4"; 10 cm  
16 - 3½"; 9 cm  
17 - 2"; 5 cm  
18a- 1½"; 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

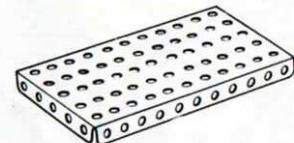
Bolt  
Boulon  
Bout  
Schraube  
Vite

Washer  
Rondelle  
Onderleiding  
Unterlagscheibe  
Rondella

Washer  
Disque  
Onderleiding  
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- ½"; 1 cm

24

35

37a

37b

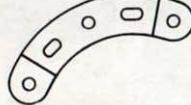
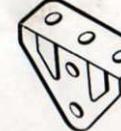
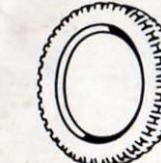
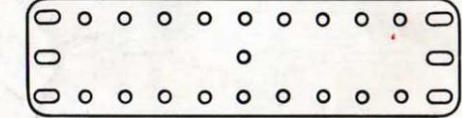
38

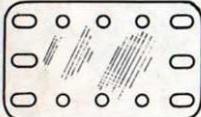
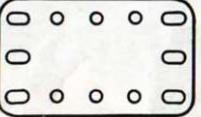
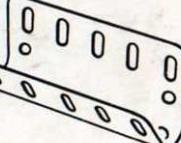
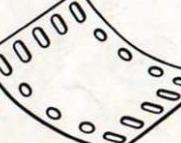
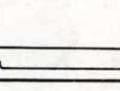
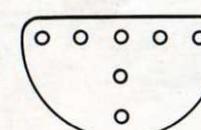
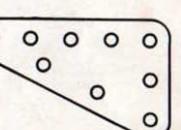
38d- ¾"; 2 cm

48a- 2½" × ½"; 6 cm × 1 cm

52- 5½" × 2½"; 14 cm × 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**

<b>Loaded Hook</b> Petit crochet lesté <b>Haak</b> Belasteter Haken Gancio con peso	<b>Curved Strip (Stepped)</b> Bande incurvée, épaulée Geboogen trapstrook Gekrümmtes Band, gekröpft Striscia curva piegata	<b>Bolt</b> Boulon Bout Schraube Vite	<b>Reversed Angle Bracket</b> Equerre renversée Omgekeerde hoeksteun Umgekehrte Winkelstütze Doppia squadretta	<b>Trunion</b> Embase triangulée coudée Tap Zapfen Supporto triangolare piegato	<b>Flat Trunnion</b> Embase triangulée plate Vlakke tap Flacher Zapfen Supporto triangolare piatto	<b>Motor Tyre</b> Pneu d'automobile Autoband Autoreifen Gomma per autoeicoli	<b>Rubber Ring</b> Anneau de caoutchouc Rubberband Gummiring Anello di gomma	<b>Cord Anchoring Spring</b> Ressort d'attache pour corde Veeranker voor koord Befestigungs-feder für Meccano Schnur Molla di fissaggio per cordonecino	<b>Flexible Plate</b> Plaque flexible Buigzame plaat Biegssame Platte Piastra flessibile
									
57c	90a		111c - $\frac{3}{8}$ " x $\frac{1}{2}$ "; 12x12 mm	125 - $\frac{1}{2}$ " x $\frac{1}{2}$ "; 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

<b>Plastic Plate (transparent)</b> Plaque plastique, claire Plastic plaat, transparent Kunststoffplatte, durchsichtig Piastra di plastica, trasparente	<b>Plastic Plate (black)</b> Plaque plastique, noir Plastic plaat, zwart Kunststoffplatte, schwarz Piastra di plastica, nero	<b>Curved Plate, U Section</b> Plaque cintrée en "U" Boogplaat, U-vormig Gewölzte Platte, "U"-förmig Piastra curvata ad "U"	<b>Curved Plate</b> Plaque cintrée Boogplaat Gewölzte Platte Piastra curvata	<b>Rod and Strip Connector</b> Raccord de tringles et bande As-strook-koppeling Wellen- und Streifen-verbinder Giunto per asse e striscia	<b>Rod Connector</b> Raccord de tringles Assen-koppeling Wellenverbinder Giunto per assi	<b>Semi-circular Plate</b> Plaque semi-circulaire Halfcirkelplaat Halbkreisförmige Platte Piastra semicircolare	<b>Formed Slotted Strip</b> Bande glissière cintrée Geboogen glijstrook Gebogener und geschlitzter Streifen Striscia curvata con due fori oblunghi	<b>Triangular Flexible Plate</b> 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