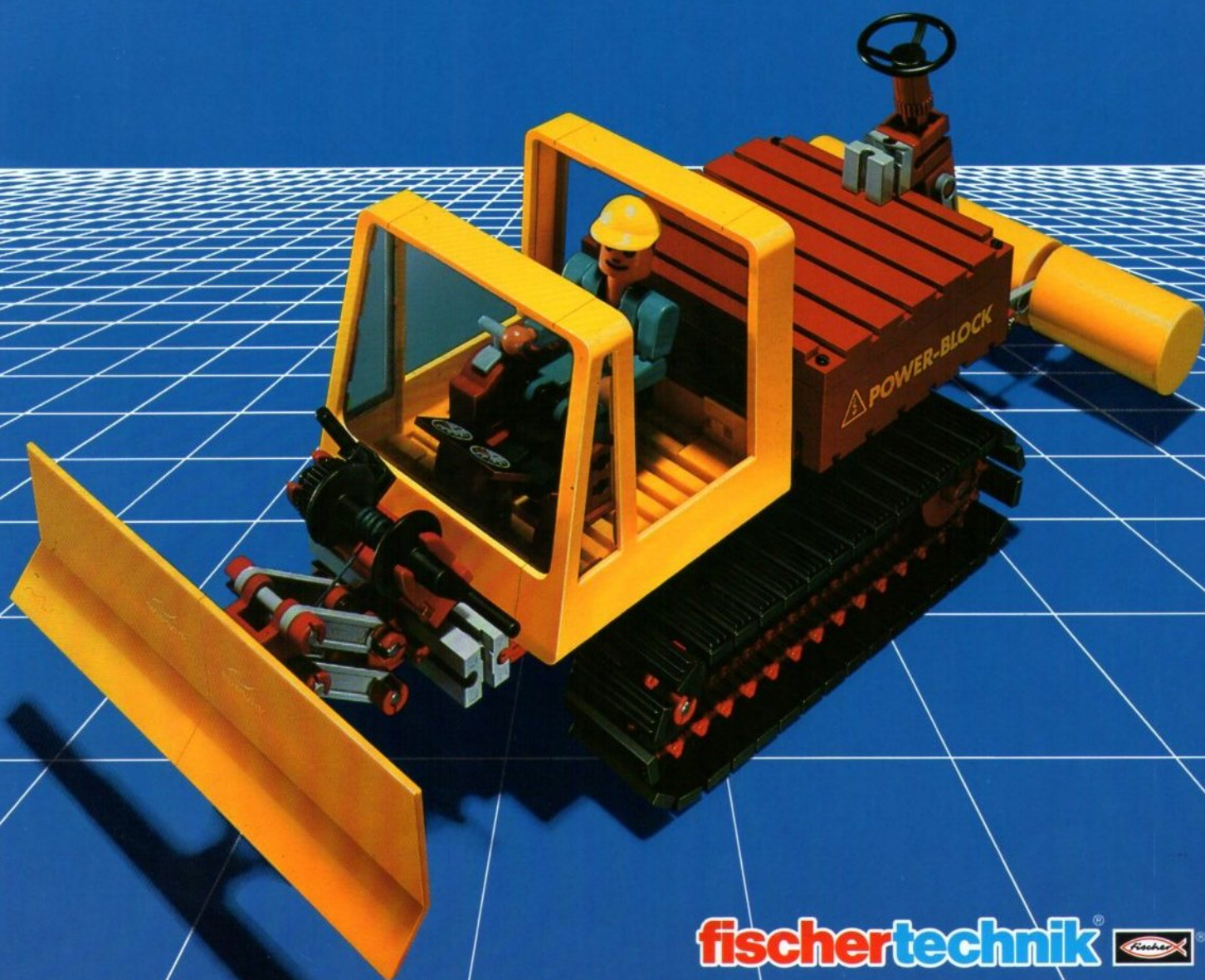


COMBIMOT

Bauanleitung · Assembly Manual · Mode d'emploi



fischertechnik® 

Lieber fischertechnik-Freund,

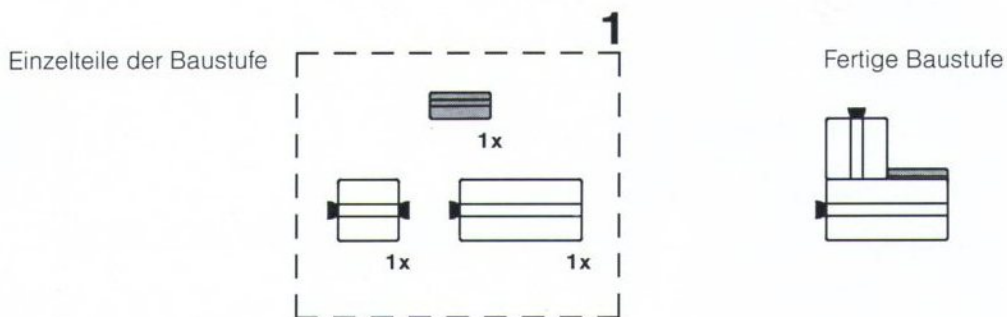
wo wir gehen und stehen, begegnen wir der Technik. Wir können sie als Freund oder als Feind betrachten. Zum Freund wird sie, wenn es uns gelingt, sie zu verstehen und schließlich zu beherrschen und damit zum Diener für uns zu machen.

Auch wir sehen in diesem Baukasten, zu dessen Wahl wir gratulieren, eine Dienstleistung. Sie hat sich zur Aufgabe gemacht, spielerisch die „Geheimnisse“ der Technik begreifen zu lernen und im Umgang damit zum Erfolgserlebnis zu kommen, das für die Entwicklung vor allem der jungen Menschen so wichtig ist.

Für den neuen fischertechnik-Freund möchte die sehr ins Detail gehende Bauanleitung viele Anregungen geben und schon beim ersten Kontakt den Eindruck vermitteln, wie bevorzugt es sich mit fischertechnik bauen und konstruieren läßt.

Der schon erfahrene „fischer-Techniker“ erkennt überdies, welche Fundgrube an Neuem sich ihm hier offenbart. Die Seiten 7–9 erläutern Funktionsprinzipien, wobei unser neuer Power-Block und das weiterentwickelte 3-Gang-Getriebe von besonderem Interesse sein werden.

Um den Modell-Bauplan möglichst übersichtlich darstellen und das Bauen „kontrolliert“ vornehmen zu können, orientieren sich alle Baupläne an vorliegendem Schema:



Wichtig: Immer die nachfolgende Baustufe im Auge behalten.

So lassen sich die vielfältigsten Kombinationen – stabil zusammengefügt – aus dem breiten Angebot der fischertechnik entwickeln.













– Die beste Idee jedoch ist die eigene! –

Dazu wünschen wir Ihnen viel Spaß, Freude und Erfolg.















































Ihre

Artur und Klaus Fischer





































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Einzelteilübersicht
Spare parts list
Liste des pièces détachée

	15 x	31003 Baustein 30 Building block 30 Pierre de 30		6 x	38474 Bauplatte 15 x 60 Building plate 15 x 60 Panneau de revêtement 15 x 60
	2 x	31004 Baustein 30 mit Bohrung Building block 30 with bore Pierre de 30 percée		4 x	38238 Bauplatte 30 x 45 Building plate 30 x 45 Panneau de revêtement 30 x 45
	18 x	31005 Baustein 15 Building block 15 Pierre de 15		2 x	38432 Bauplatte 30 x 60 Building plate 30 x 60 Panneau de revêtement 30 x 60
	8 x	31006 Baustein 15 mit 2 Zapfen Building block 15 with 2 pins Pierre de 15 à 2 tenons		2 x	38268 Bauplatte 15 x 30 Building plate 15 x 30 Panneau de revêtement 15 x 30
	6 x	32064 Baustein 15 mit Bohrung Building block 15 with bore Pierre de 15 percée		7 x	31060 Verbindungsstück 15 Link 15 Languette d'assemblage 15
	3 x	37468 Baustein 7,5 Building block 7,5 Pierre de 7,5		4 x	31061 Verbindungsstück 30 Link 30 Languette d'assemblage 30
	15 x	37237 Baustein 5 Building block 5 Pierre de 5		2 x	31330 Verbindungsstück 45 Link 45 Languette d'assemblage 45
	10 x	38240 Baustein V15 Eck Building Block V15 corner Pierre V15 d'angle		2 x	38413 K-Achse 30 K-axle 30 K-axe de 30
	8 x	31982 Federnocken Spring cam Came		2 x	Achse - Axle - Axe 30 mm
	10 x	31011 Winkelstein 30° Angular block 30° Pierre de 30° angulaire		2 x	31033 50 mm
	8 x	38423 Winkelstein 10 x 15 x 15 Angular block 10 x 15 x 15 Pierre angulaire 10 x 15 x 15		2 x	31032 60 mm
	4 x	31010 Winkelstein 60° Angular block 60° Pierre de 60° angulaire équilateral		1 x	37384 80 mm
	2 x	31981 Winkelstein 15° Angular block 15° Pierre de 15° angulaire		2 x	31031 110 mm
	5 x	31423 Gelenkwürfel 15 Hinged block 15 Pavé d'articulation de 15		1 x	31036 125 mm
	1 x	31002 Grundplatte 90 x 90 Base plate 90 x 90 Plaque de base 90 x 90		22 x	37679 Klemmbuchse 5 Clip 5 Bague de serrage 5
	1 x	36576 Grundplatte 90 x 45 Base plate 90 x 45 Plaque de base 90 x 45		1 x	31023 Klemmbuchse 10 Clip 10 Bague de serrage de 10
	4 x	38246 Bauplatte 15 x 15 Building plate 15 x 15 Panneau de revêtement 15 x 15		4 x	36334 Riegelscheibe Locking washer Disque d'arrêt
	3 x	38241 Bauplatte 15 x 30 Building plate 15 x 30 Panneau de revêtement 15 x 30		7 x	31983 Hülse 15 Sleeve 15 Douille 15
	2 x	38259 Bauplatte 30 x 30 Building plate 30 x 30 Panneau de revêtement 30 x 30		2 x	31597 Abstandsring Spacer ring Bague à distance
	4 x	38251 Bauplatte 30 x 90 Building plate 30 x 90 Panneau de revêtement 30 x 90		2 x	31021 Zahnrad Z 20 Gear wheel Z 20 Couronne Z 20
				2 x	31779 Kettenrad Z 20 Chain wheel Z 20 Roue dentée Z 20
				152 x	36248 Rastkettenglied Link of catching chain Élément de chaîne
				76 x	31762 Rastraupenbelag Coating of catching caterpillar Patin pour chenille
				1 x	37925 Schneckenmutter Worm nut Ecrou de vis sans fin
				2 x	37926 Schneckenteil Worm Élément de vis sans fin
				1 x	37858 Klemmbare Schnecke Locking worm Vis sans fin avec pince de serrage

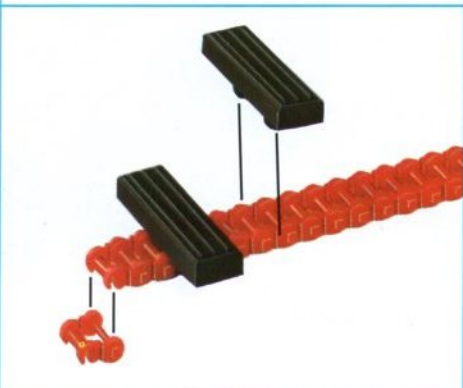
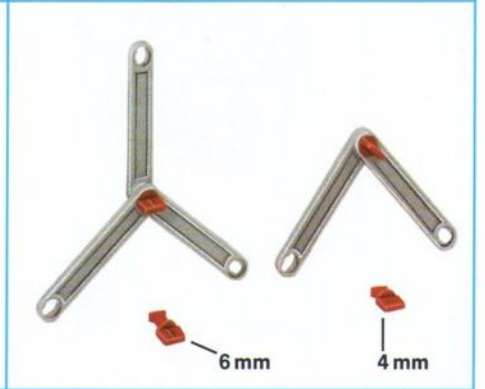
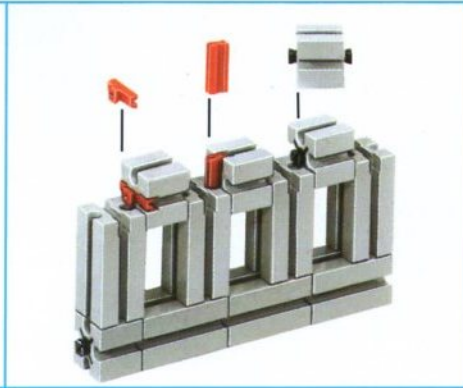
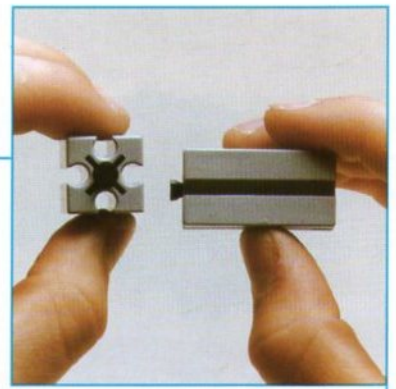
Einzelteilübersicht
Spare parts list
Liste des pièces détachée

	2 x	32085	Rollenbock Roller block Porteur		1 x	38184	Führerhaus Seitenteil rechts Driver's cab lateral part, right side Cabine camion élément de côté droite
	1 x	38225	Seil-Haken Hook Crochet				
	1 x	38226	Seilklemmstift Rope clamping pin Ségment de blocage			38182	Führerhaus Seitenteil links Driver's cab lateral part, left side Cabine camion élément de côté gauche
	1 x	31194	Nylonseil, 1 m Nylon rope, 1 m Filin Nylon, 1 m		1 x		
	2 x	31195	Seilwinde Rope winch Treuil à câble			31907	Front-/Heckscheibe 85 Windshield/rear window 85 Plaque de 85
	3 x	35795	Seilrolle Rope pulley Rouleau de câble		2 x		
	1 x	35404	V-Achse 4x17 V-axle 4x17 V-axe de 4x17		1 x	32625	Bodenplatte 60 x 90 Bottom plate 60 x 90 Plaque de sol 60 x 90
	2 x	37636	Rollenlager Roller bearing Roulement		4 x	32626	Reifen 45 Tyre 45 Pneumatique 45
	1 x	31690	Rastachse Wheel axle Goupille		4 x	32627	Felge 30 Wheel rim 30 Jante 30
	1 x	31016	Seiltrommel Winch drum Tambour			31913	Nabenmutter Hub nut Ecrou de moyen
	1 x	31020	Klemmring für Seiltrommel Clamping ring for rope drum Flasque de serrage pour tambour		4 x		
	1 x	31019	Drehscheibe, 60 Large pulley, 60 Couronne de poulie, 60		2 x	32622	Steckachse 40 Plugging axle 40 Axe de 40
	2 x	31058	Nabenmutter Hub nut Ecrou de moyeu		1 x	31614	Spurstange für Servo Track rod for servo Barre d'accouplement
	2 x	35031	Flachnabenzange Flat hub chuck Couronne		1 x	32623	Lenksäule Steering column Colonne de direction
	1 x	35113	Spannzange Collet chuck Pince de serrage		2 x	31916	Lenkrad 2 Steering wheel 2 Volant 2
	4 x	31915	Zangenmutter Nut nut Ecrou		1 x	32624	Gelenkstange Hinged rod Cardan
	2 x	31994	Schalthebel Gear lever Lever de vitesse		2 x	32177	Lenkwürfel mit Klaue Steering cube and claw Boitier de direction
	2 x	38253	Kupplungsstück 2 Coupling 2 Élément d'attelage 2		1 x	31393	Drehkranz Turntable Couronne
	2 x	31766	Sitz Seat Siège		1 x	32370	Schneckenantrieb Worm drive Vis sans fin
	2 x	32615	Anbauwinkel Building angle Equerre		4 x	31674	Adapterlasche Adaptergirth Adaptateur

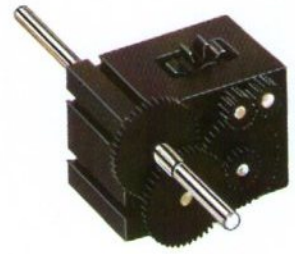
Einzelteilübersicht
Spare parts list
Liste des pièces détachée

	32621	Stufengetriebe 3-Gang 3-speed gear box Engrenage à 3 vitesses			14 x 8 x	36315 36316	X-Strebe X-strut Entretoise type X 42,4 63,6
	31049	Achse 110 mit Zahnrad Z44 Axle 110 with toothed wheel Z44 Axe de réducteur de 110 Z44	1 x		48 x	36323	S-Riegel 4 mm Single rivet 4 mm Rivet de 4 mm
	32628	Achse 125 mit Zahnrad Z44 Axle 125 with toothed wheel Z44 Axe de réducteur de 125 Z44	1 x		4 x	36324	S-Riegel 6 mm Single rivet 6 mm Rivet de 6 mm
	32081	Achse 78 mit Vierkant Axle 78 with square Axe 78 avec 4 kt.	1 x		4 x	36304	Winkelträger 15 Angle girder 15 Cornière de 15
	32618	Motor 6V Motor 6V Moteur 6V	1 x		2 x	36301	Winkelträger 30 Angle girder 30 Cornière de 30
	32652	POWER-BLOCK Akku/Batteriehalter Accu/Batteriebox Boîtier d'accumulateurs	1 x		2 x	36302	Winkelträger 60 Angle girder 60 Cornière de 60
	32639	POWER-BLOCK Deckel Cover Couvercle	1 x		10 x	36303	Winkelträger 120 Angle girder 120 Cornière de 120
	31350	Polwendesalter Polechanging key Inverseur de polarité	1 x		1 x	31173	Männchen Man Personnage
	3 x 31337	Flachstecker, rot Flat plug, red Fiche plate, rouge	3 x		1 x	31854	Kappe Cap Casquette
	3 x 31336	Flachstecker, grün Flat plug, green Fiche plate, verte	3 x		1 x	31774	Planierschild 150 Earth levelling scoop 150 Pelle de 150
	1 x 31254	Flachbuchse, rot Flat bushing, red Douille plate, rouge	1 x		2 x	35235	Tür 30 Door 30 Porte 30
	1 x 31253	Flachbuchse, grün Flat bushing, green Douille plate, verte	1 x		2 x	38287	V-Stein 30 x 30 x 30 V-block 30 x 30 x 30 Pierre type V 30 x 30 x 30
	2 x 31364	Litze - Cable - Câble 1 m	2 x		2 x	31707	V-Deckel V-Lid Couvercle type V
	1 x 31374	25 cm	1 x		4 x	38850	V-Adapterplatte V-adapter plate Adaptateur type V
	1 x 31372	14 cm	1 x		3 x	35389	Rohrhülse \varnothing 30 x 43 Tubular sleeve \varnothing 30 x 43 Buse \varnothing 30 x 43
	36443	Schraubendreher Screwdriver Tournevis	1 x		1 x	38437	Klebeetikett Sticker Etiquette adhésif
	2 x 38577	I-Strebe I-strut Entretoise type I 15	2 x		2 x	32366	Bauplatte 15 x 15 Building plate 15 x 15 Panneau de revêtement 15 x 15
	4 x 36309	30	4 x		1 x	35112	Ritzel Z10 Cog wheel Z10 Pignon Z10
	2 x 36310	45	2 x		2 x	31888	Gelenkstück Articulated piece Cardan
	2 x 36312	75	2 x		1 x	38843	Achsverschraubung Axle screwing Fixation d'axe
	2 x 36313	90	2 x				

Handhabung allgemein
Handling
Manœuvre



**Getriebe
Gear box
Mécanisme**



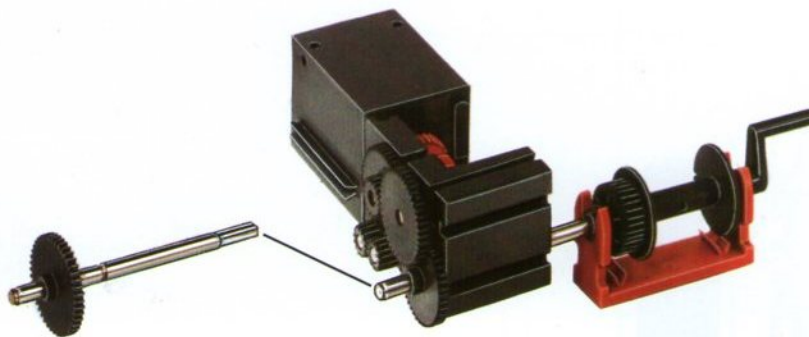
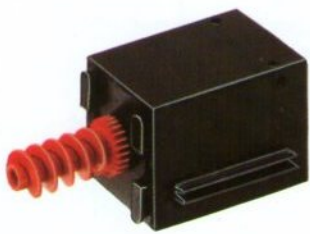
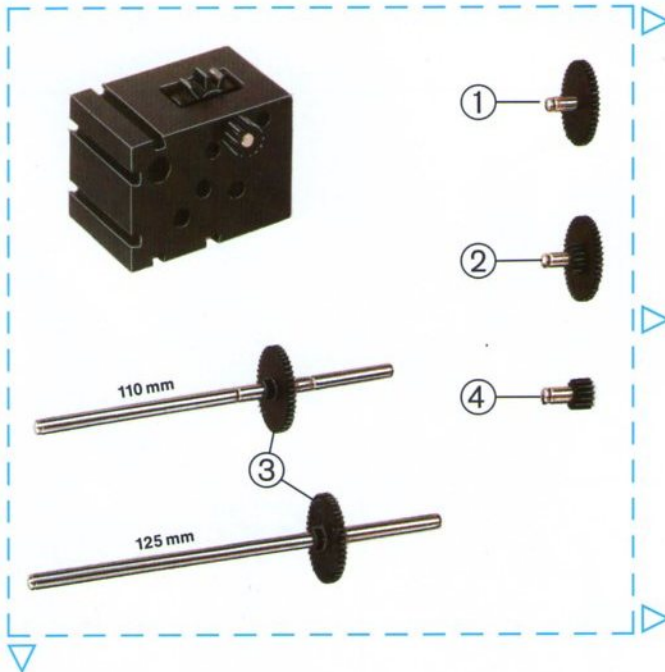
**1. Gang
240 : 1
langsam**



**2. Gang
77 : 1
mittel**



**3. Gang
32 : 1
schnell**



110 mm 125 mm

Akku/Batteriehalter Accu/Batteriebox Boîtier d'accumulateurs



Power-Block und Stromkreis

Der Power-Block kann wahlweise als Akkuhalter oder als Batteriehalter eingesetzt werden. An der \oplus und \ominus Buchse liegt eine Spannung von 4,8 bzw. 6 Volt. Um einen Motor umpolen oder eine Lampe ein- und ausschalten zu können, ist ein Schalter notwendig. Die nebenstehende Abbildung zeigt den prinzipiellen Aufbau zum Anschluß eines Motors über einen Polwendeswitcher an den Power-Block.

Power-Block und Überstromkontakt

Ein eingebauter Überstromkontakt unterbricht in dem Moment die Stromzufuhr zu einem Modell, wenn ein Verkabelungsfehler (Kurzschluß) vorliegt. Der Fehler ist daran zu erkennen, daß z.B. der angeschlossene Motor nicht läuft oder die Lampe nicht brennt. Der Überstromschalter schaltet den Strom erst dann wieder automatisch ein, wenn der Fehler beseitigt ist.

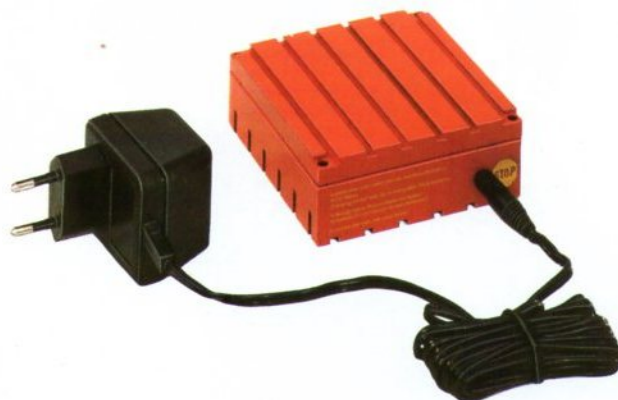
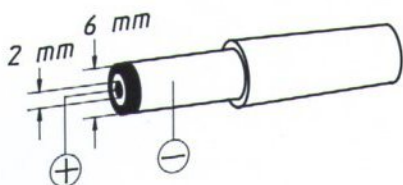


Power-Block und Akkus

Der Power-Block kann mit 4 NiCd-Akkus bestückt werden. Diese werden unter der Bezeichnung „Babyzelle“ mit 1,2 V und 1,2 bzw. 1,8 Ah im Handel angeboten. Beim Einlegen in den Power-Block ist auf polrichtige Orientierung der Akkus zu achten. Stege verhindern falsches Einlegen und stellen einen Verpolungsschutz dar.

In den Power-Block ist eine Ladebuchse eingebaut. Über diese Buchse können die Akkus geladen werden, ohne sie aus dem Power-Block-Gehäuse zu entnehmen. Das passende Ladegerät muß dabei folgende Kriterien erfüllen:

- Der Ladestrom muß auf die verwendeten Akkus (1,2 bzw. 1,8 Ah) abgestimmt und der Klinkenstecker des Ladegerätes muß wie nachstehend dargestellt ausgeführt sein.



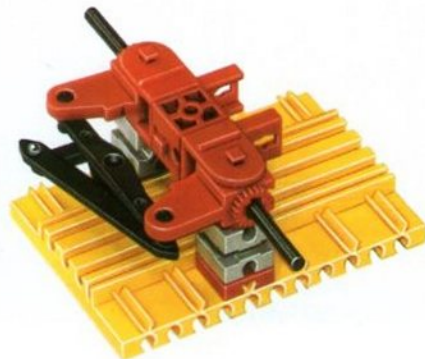
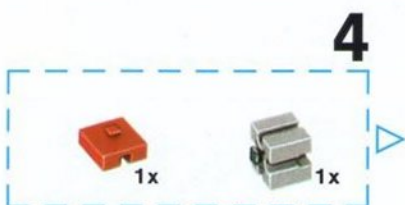
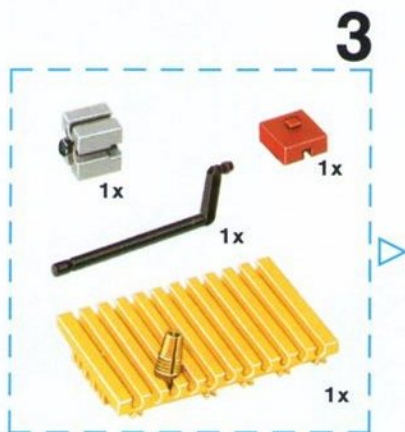
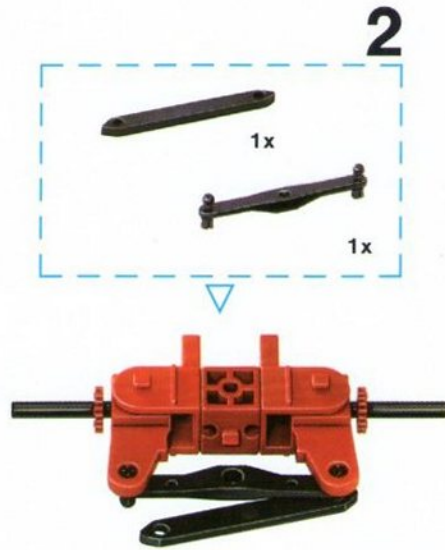
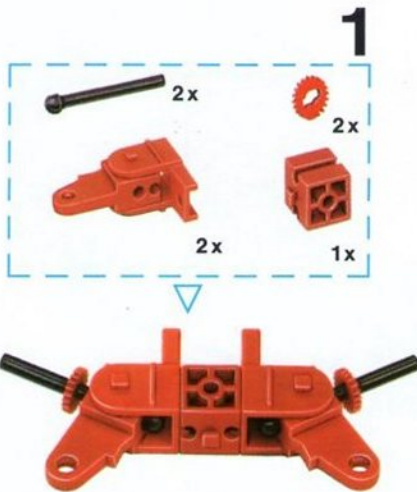
Power-Block und Batterien

Der Power-Block kann auch mit Batterien bestückt werden. (4 x 1,5 Volt)

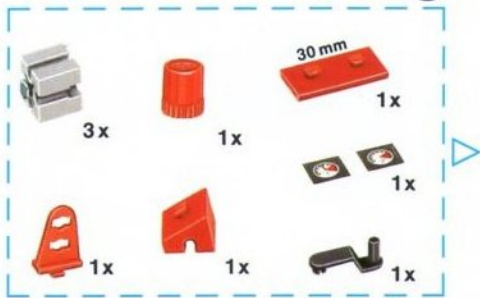
- **ACHTUNG: Batterien dürfen auf keinen Fall geladen werden! (Auslaufgefahr)**



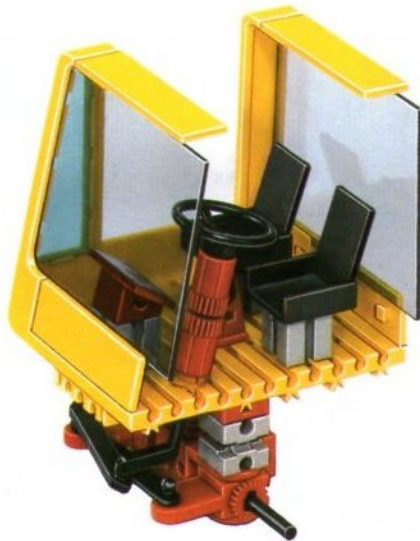
Lastkraftwagen
Truck
Camion



5



6



7

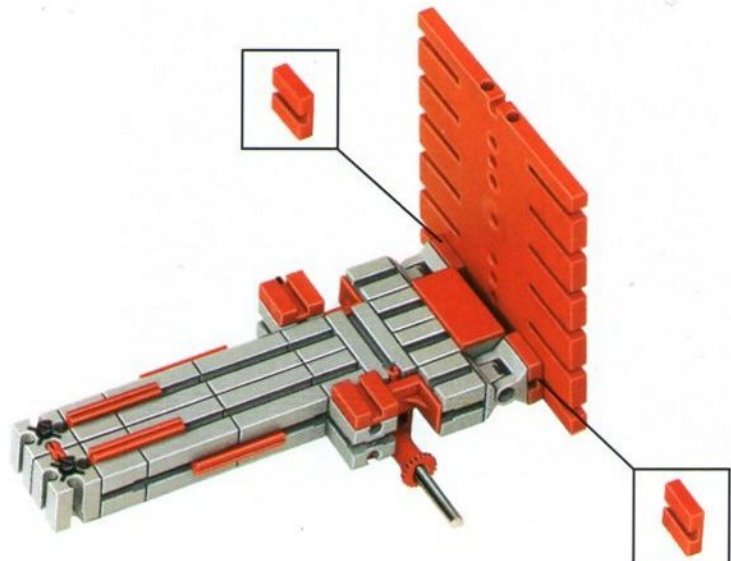
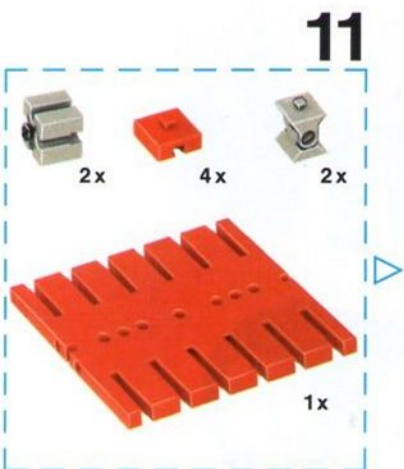
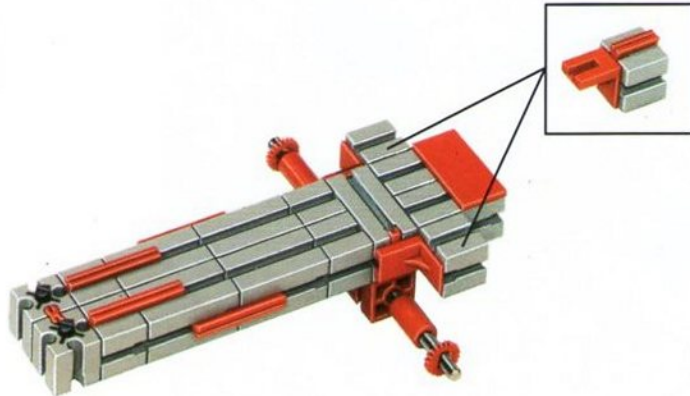
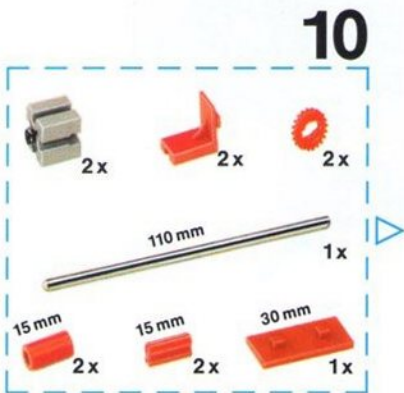
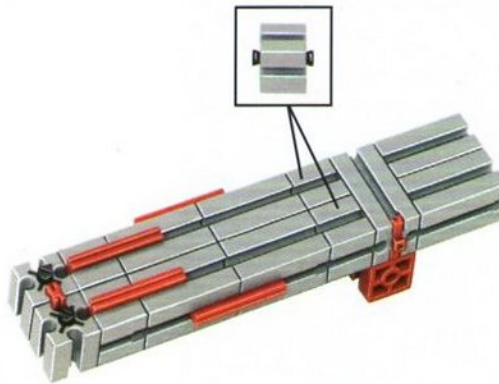
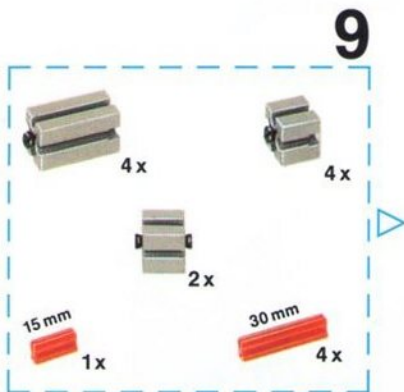
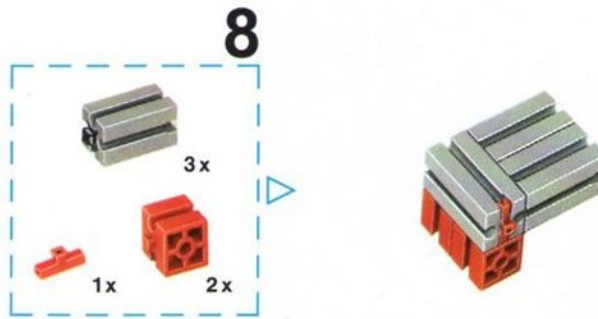


5 mm

30 mm

60 mm

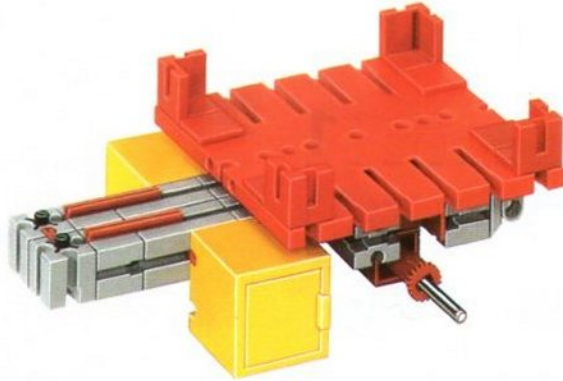
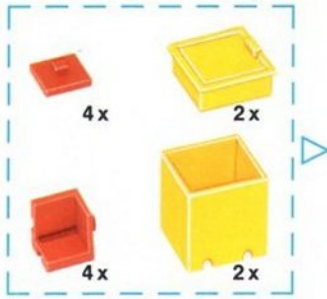
Lastkraftwagen
Truck
Camion



15 mm 30 mm

110 mm

12



13



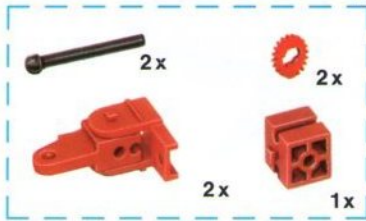
5 mm

90 mm

Abschleppwagen
Tow truck
Dépanneuse



1



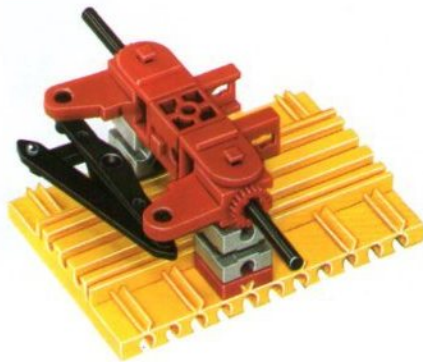
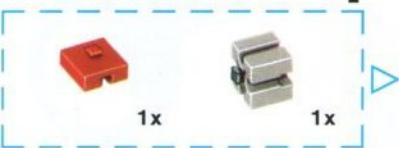
2



3



4



5



6



7



5 mm

30 mm

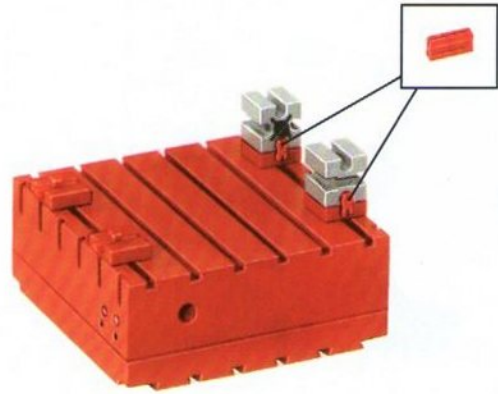
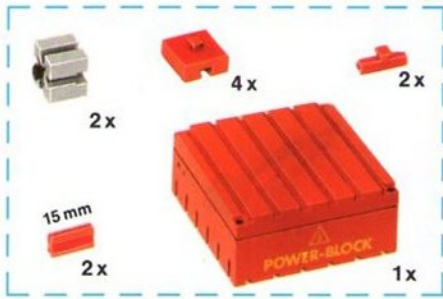
60 mm

14 cm

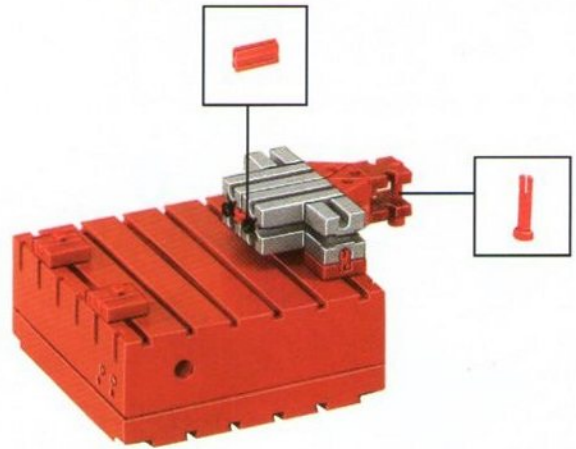
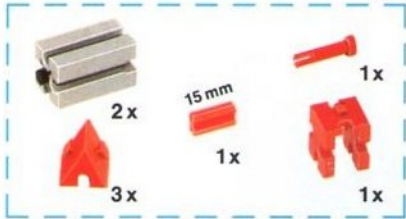
Abschleppwagen
Tow truck
Dépanneuse



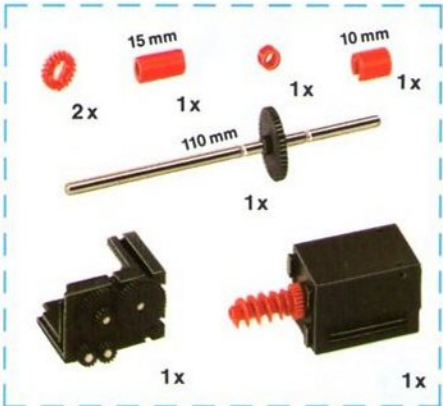
8



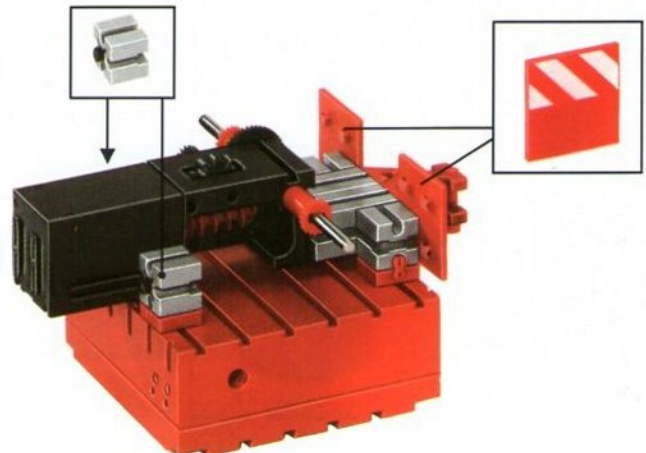
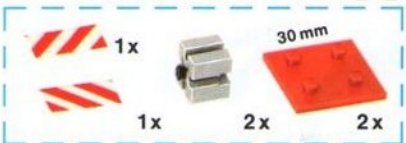
9



10



11



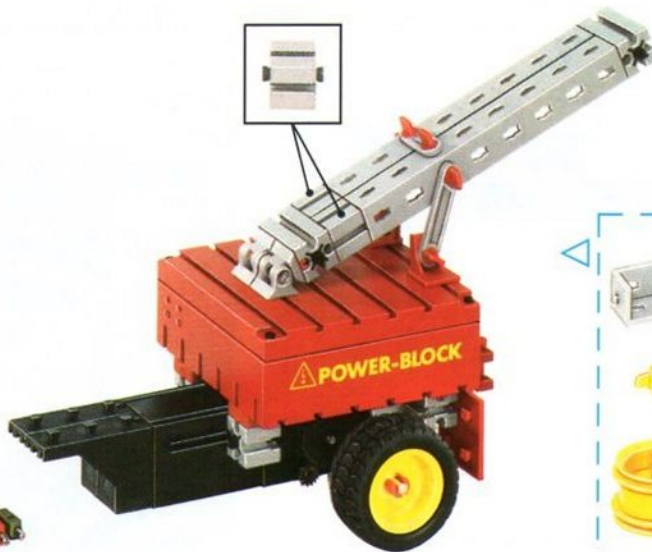
10 15 mm 30 mm

110 mm

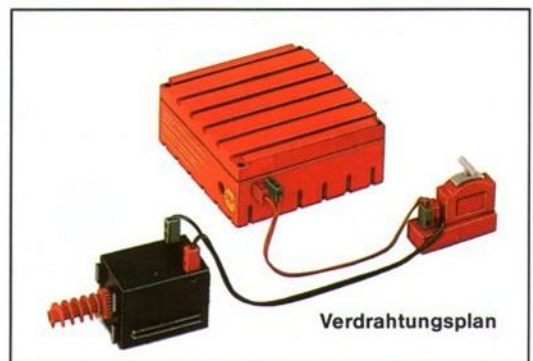
12



13



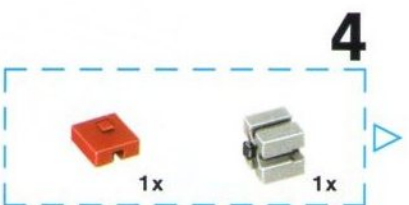
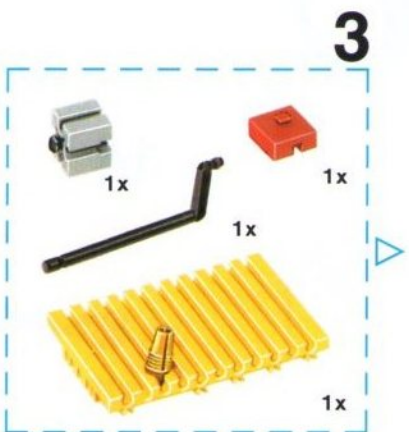
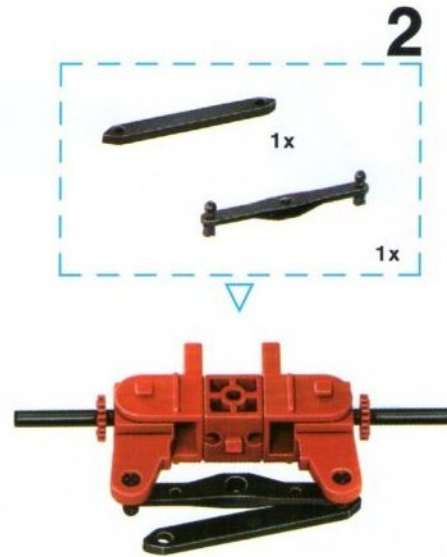
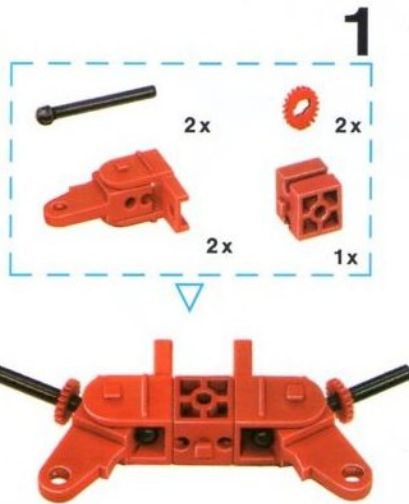
14



5 mm

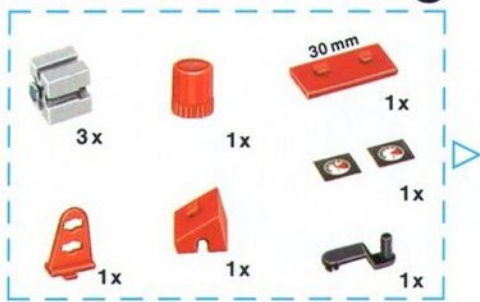


LKW mit Hebebühne
Truck with lifting platform
Camion avec pont éleveur

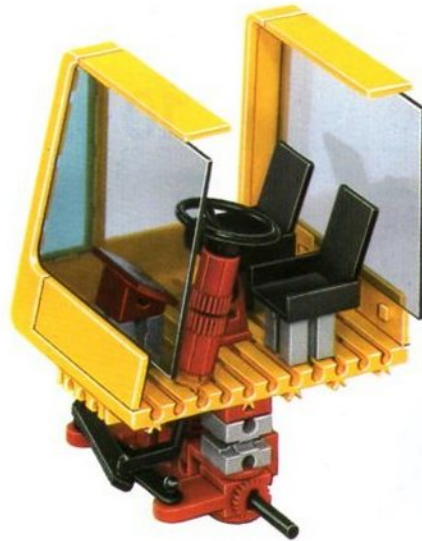


15 mm

5



6



7



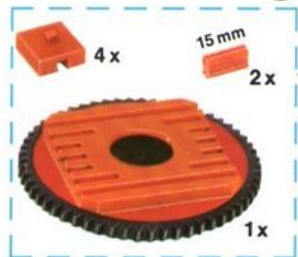
30 mm

60 mm

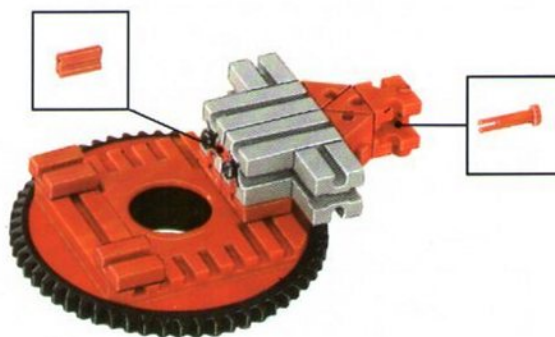
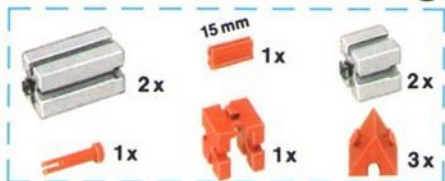
LKW mit Hebebühne
Truck with lifting platform
Camion avec pont éleveur



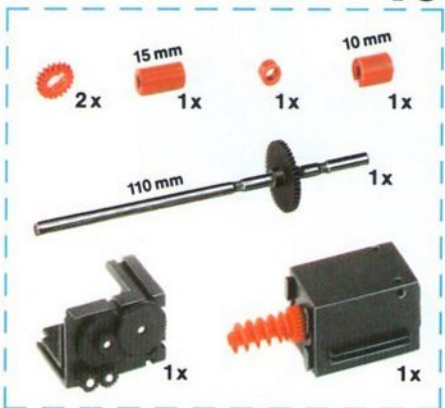
8



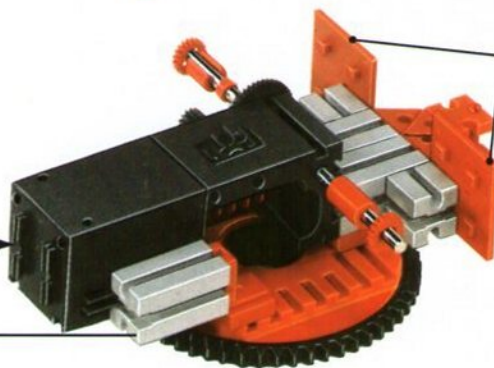
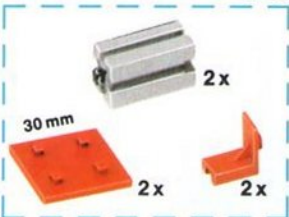
9



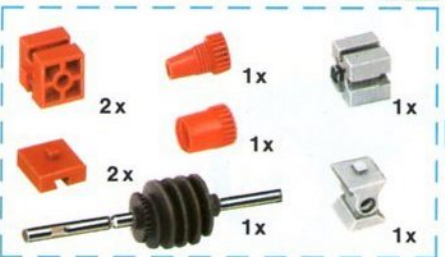
10



11



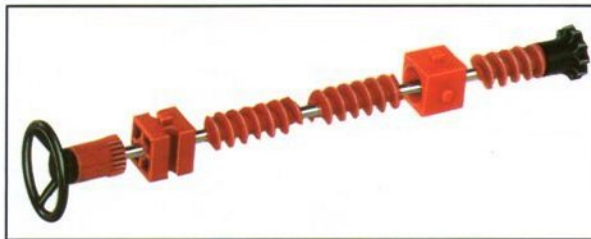
12



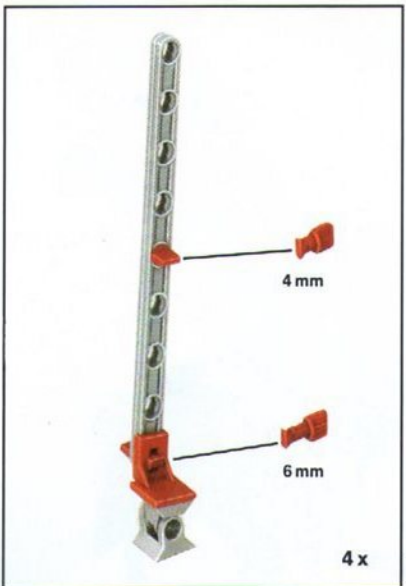
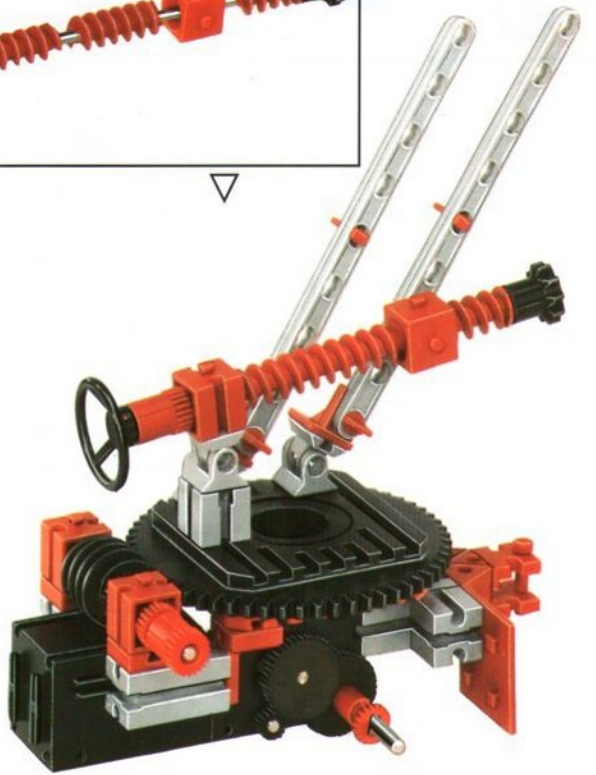
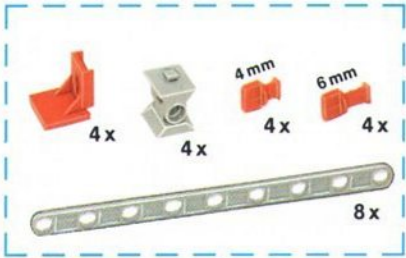
10 15 mm 30 mm

110 mm

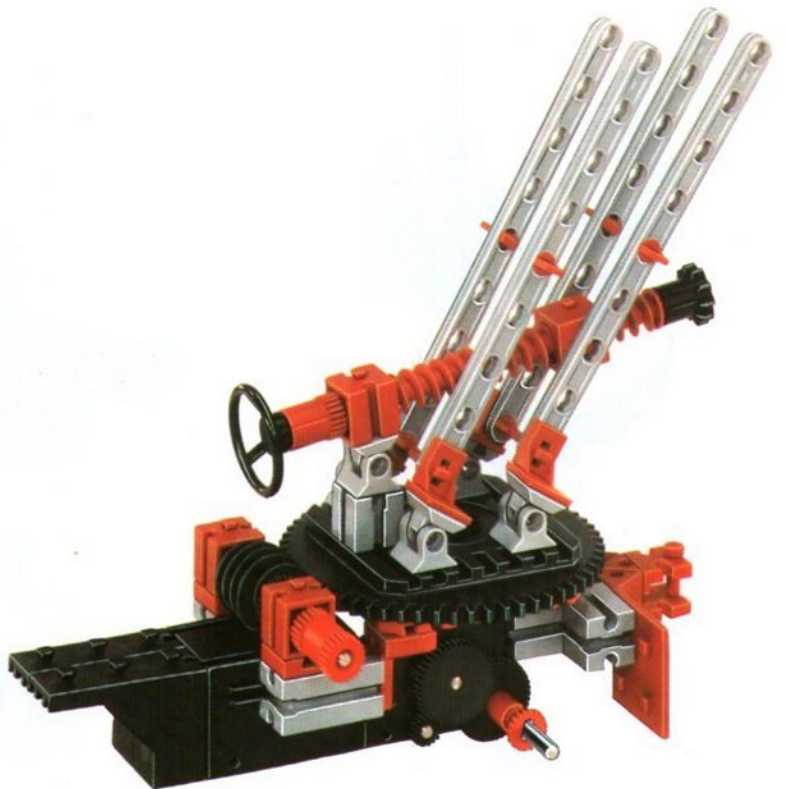
13



14



15

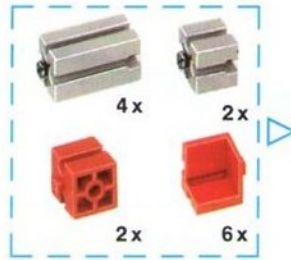


125 mm

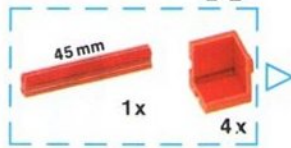
LKW mit Hebebühne
Truck with lifting platform
Camion avec pont éleveur



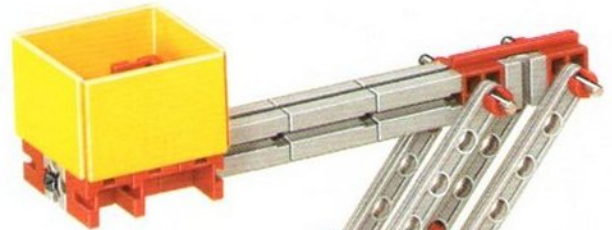
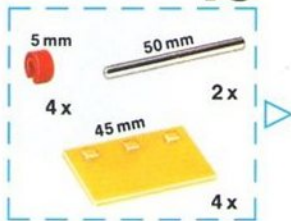
16



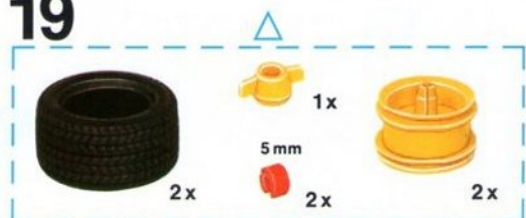
17



18



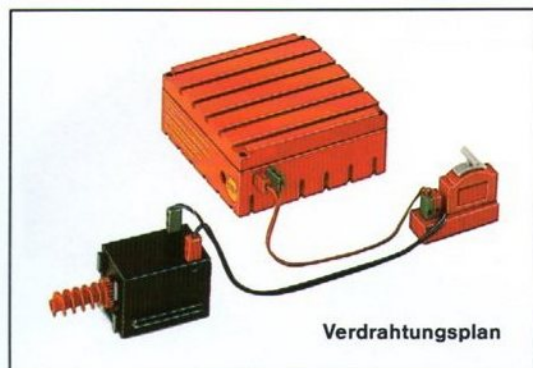
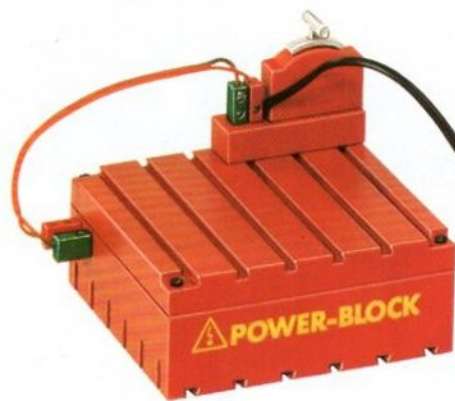
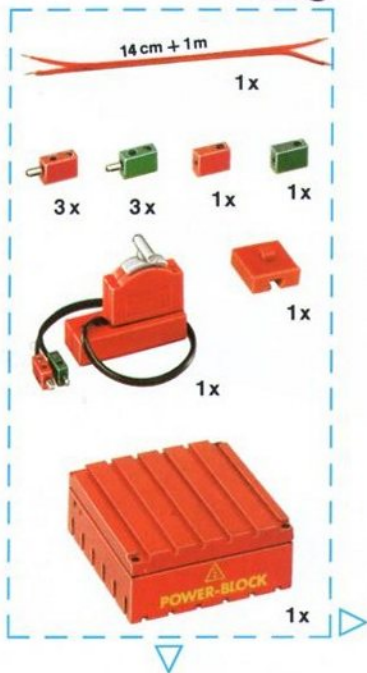
19



5 mm

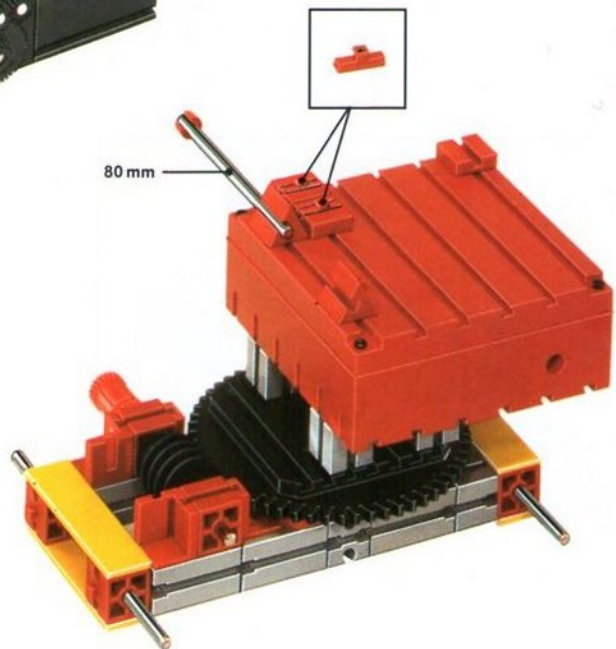
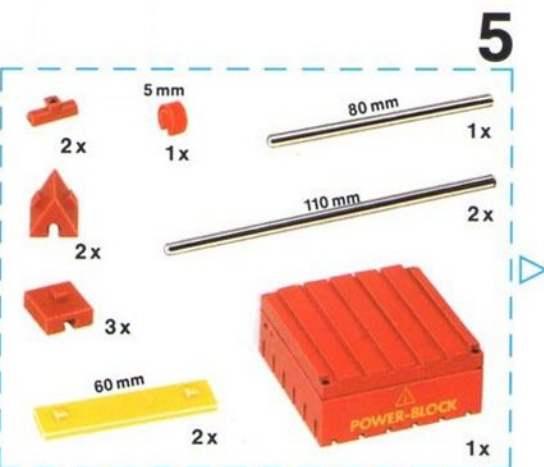
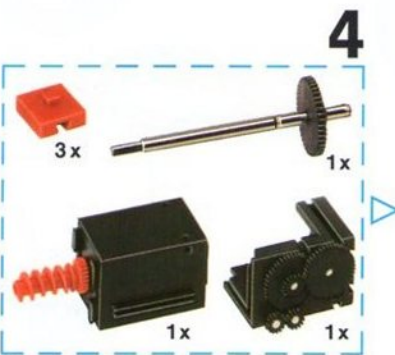
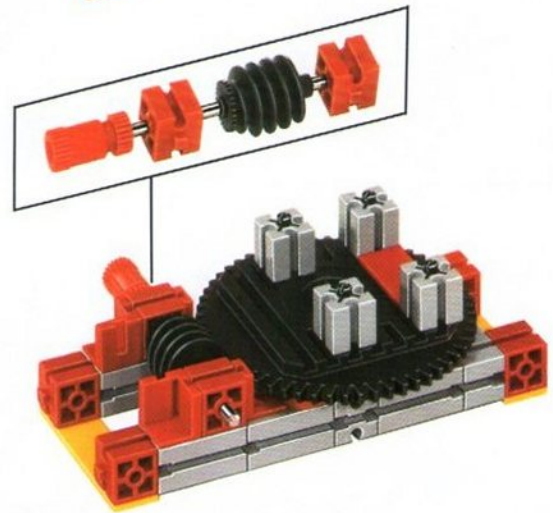
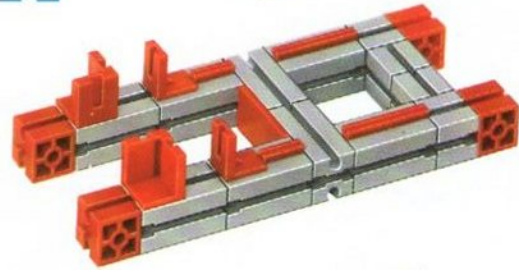
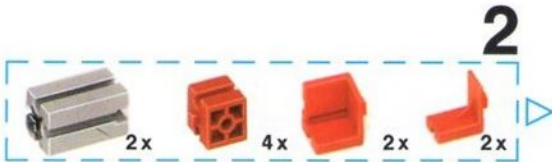
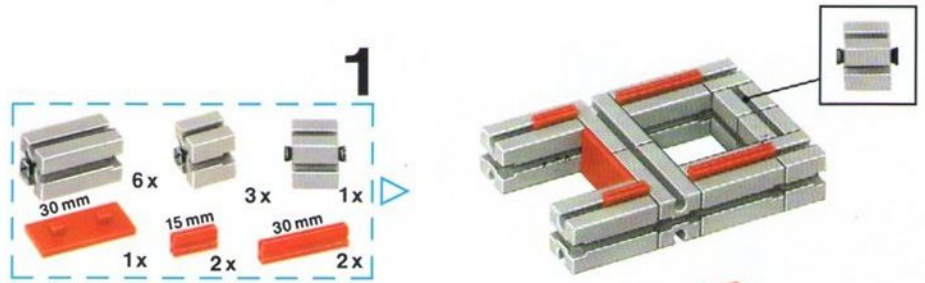
45 50 mm

20

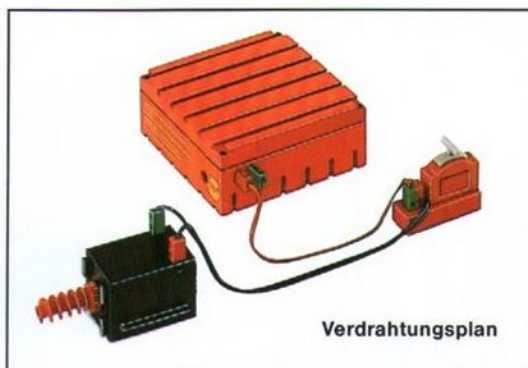
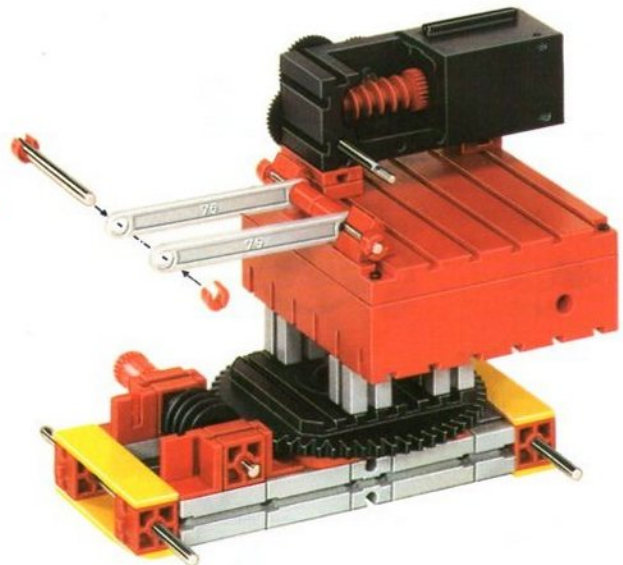
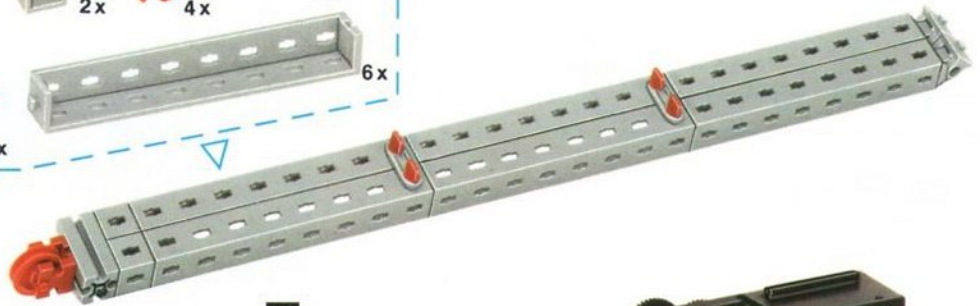
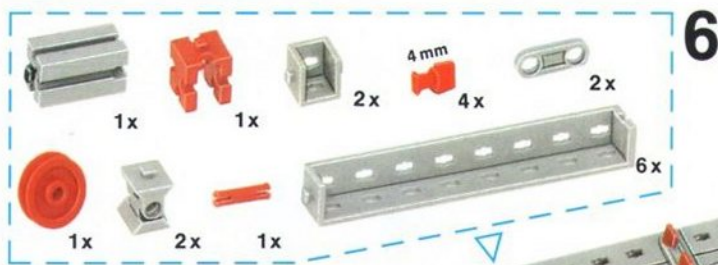


14 cm

Fahrkran
Mobil crane
Grue mobile



5 mm 15 mm 30 mm 60 mm 80 mm 110 mm



5 mm 15 mm

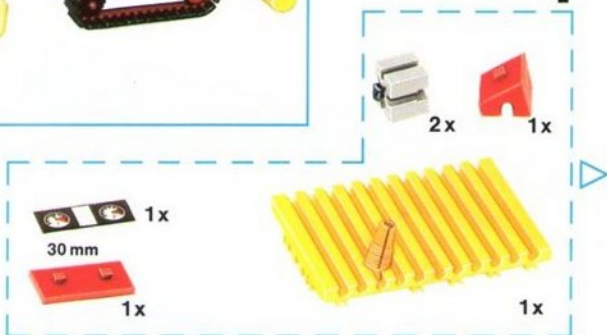
50 mm

14 cm

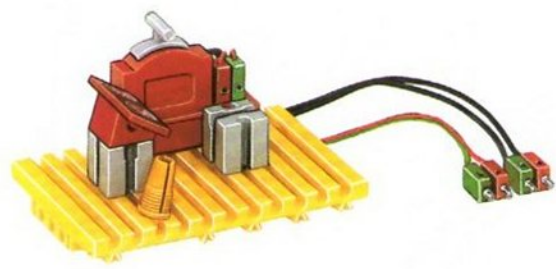
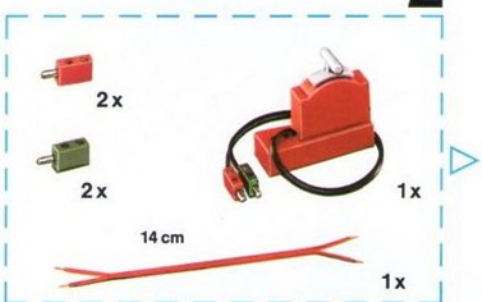
Kettenfahrzeug
Track vehicle
Véhicule chenillé



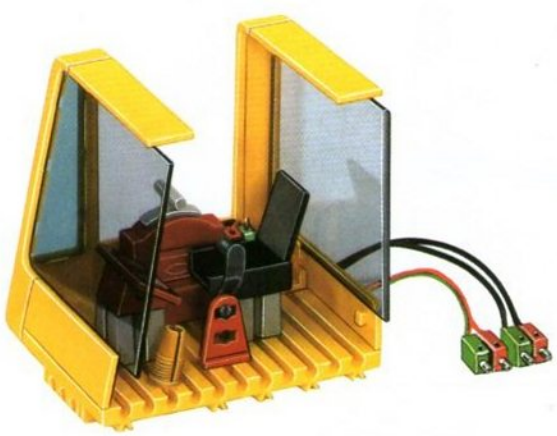
1



2



3



4

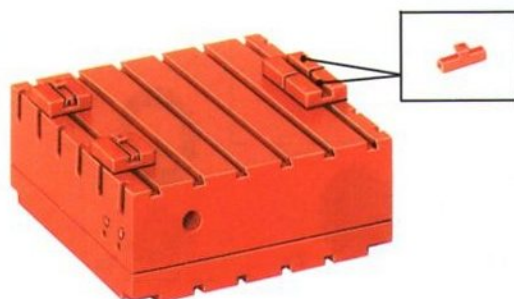


30 mm

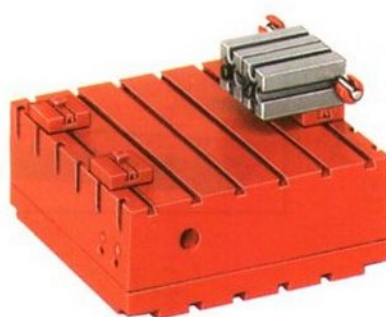
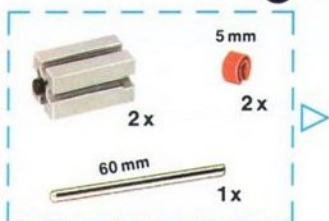
60 mm

14 cm

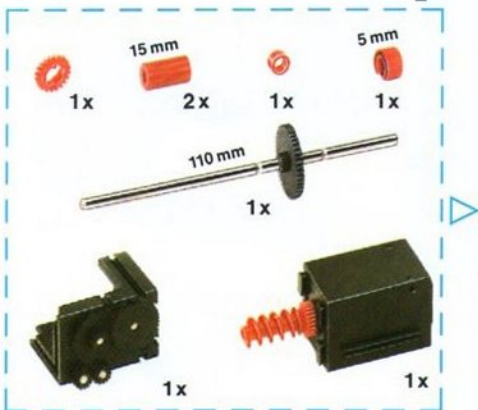
5



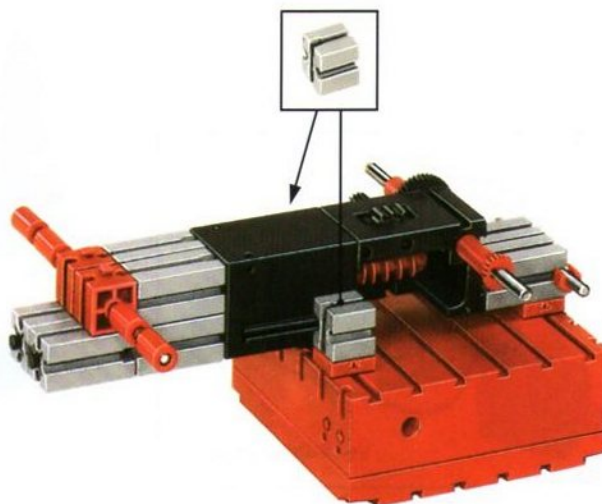
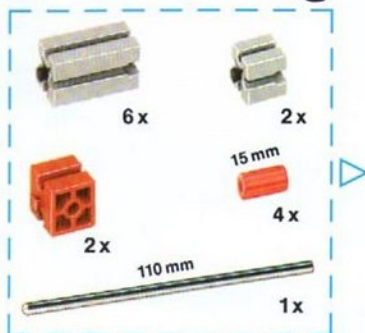
6



7



8



5 mm 15 mm

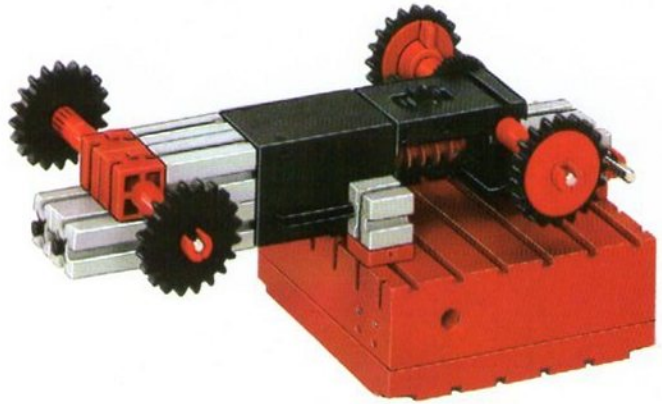
60 mm

110 mm

Kettenfahrzeug
Track vehicle
Véhicule chenillé



9



5 mm



4 x



2 x

10



70 x



35 x



2 x

11

45 mm



2 x



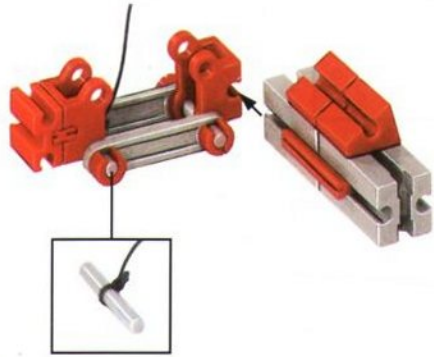
Verdrahtungsplan

5 mm

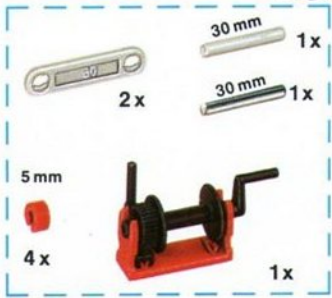
45 mm



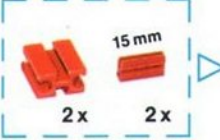
12



13



14



15



5 mm 15 mm 30 mm

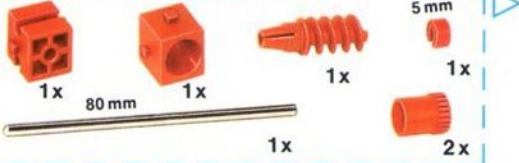
Kettenfahrzeug
Track vehicle
Véhicule chenillé



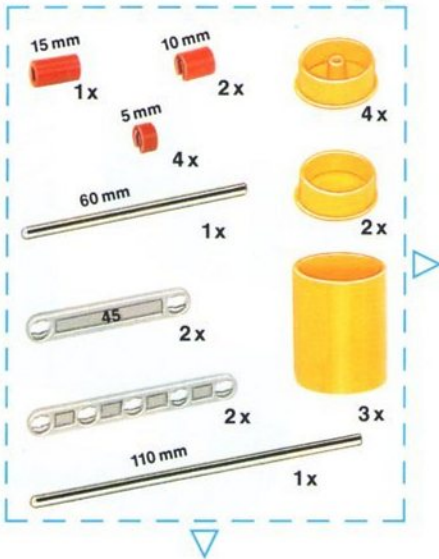
16



1x



17



18



60 mm

110 mm



5 10 15 mm

60 mm

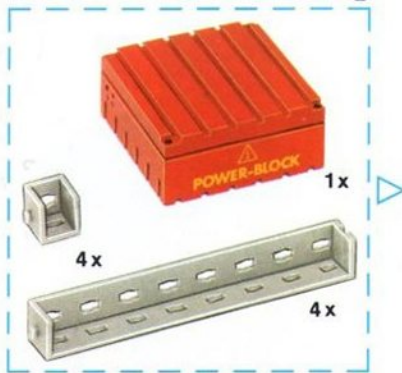
80 mm

110 mm

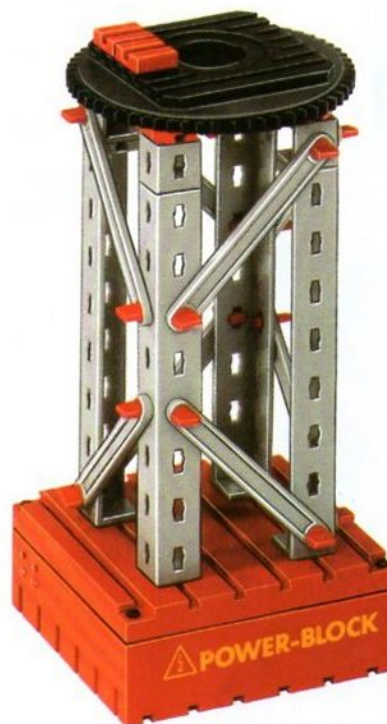
Windrad
Wind mill
Moulin à vent



1



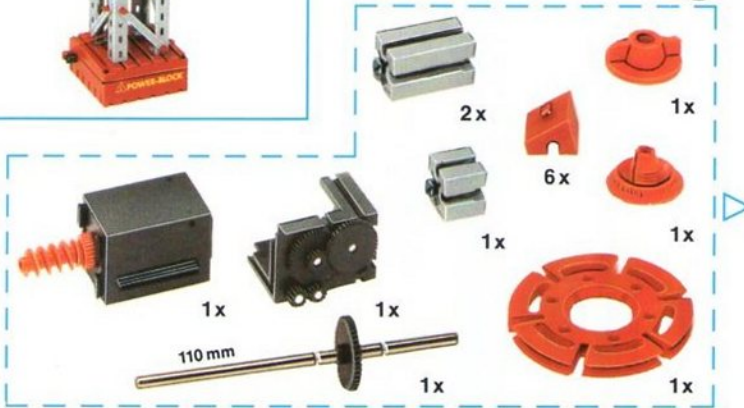
2



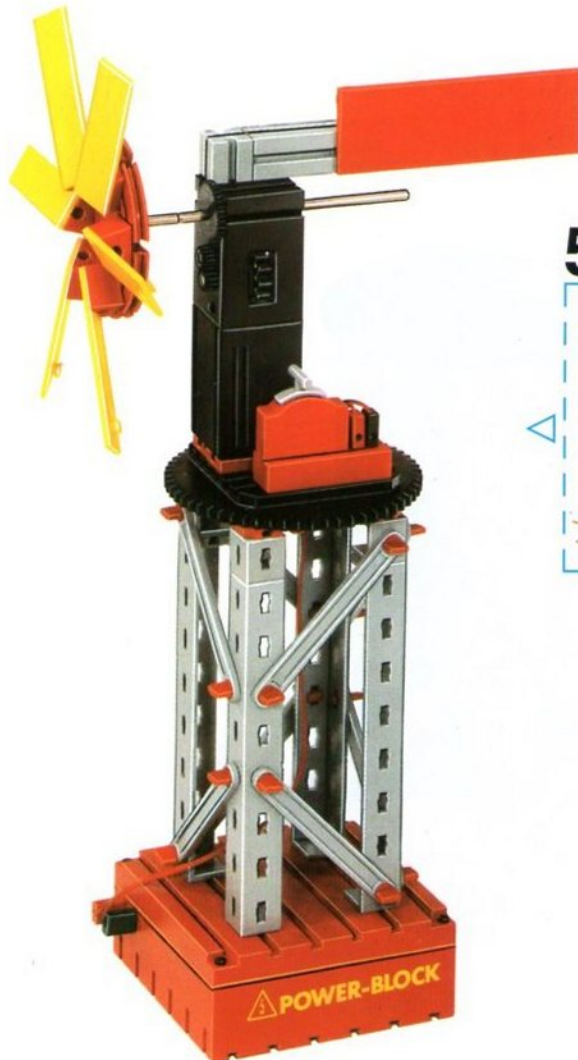
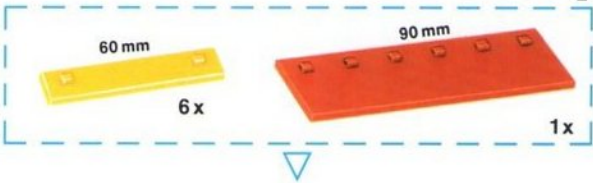
**Windrad
Wind mill
Moulin à vent**



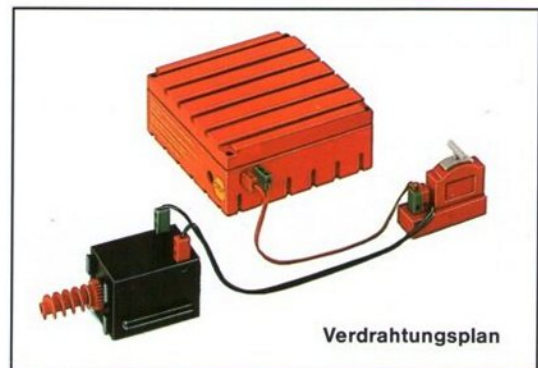
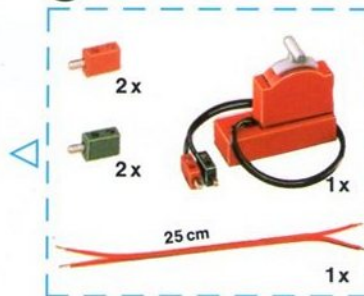
3



4



5



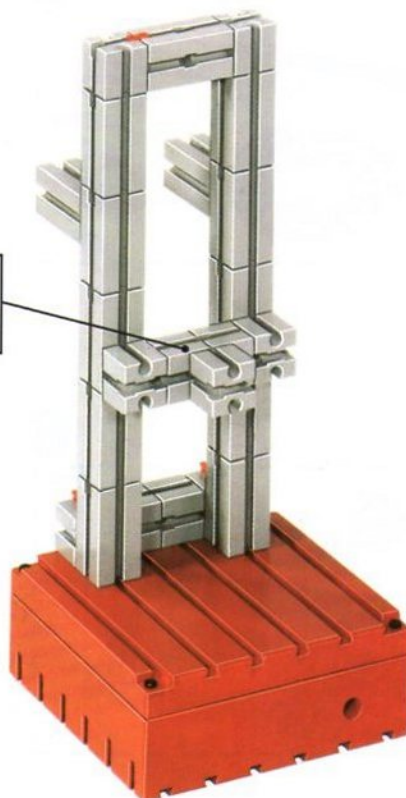
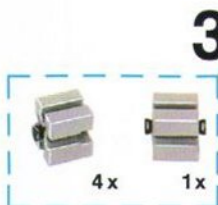
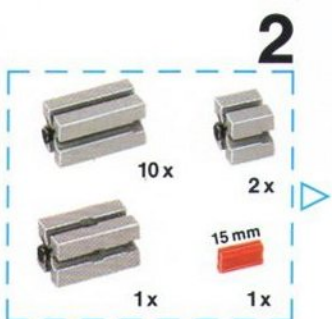
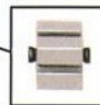
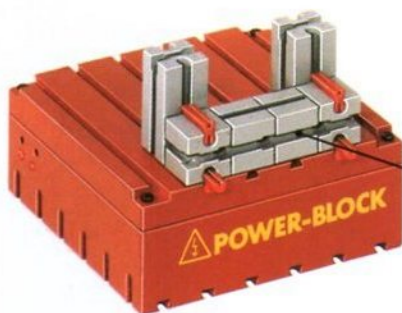
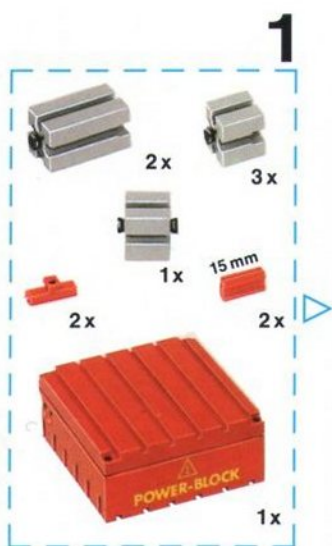
Verdrahtungsplan

60 mm

90 mm

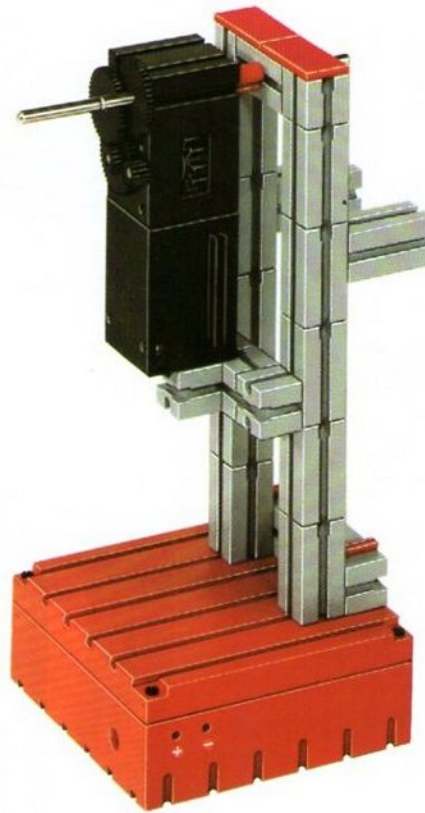
110 mm

Exzenterpresse
 Excenter press
 Presse à excentrique

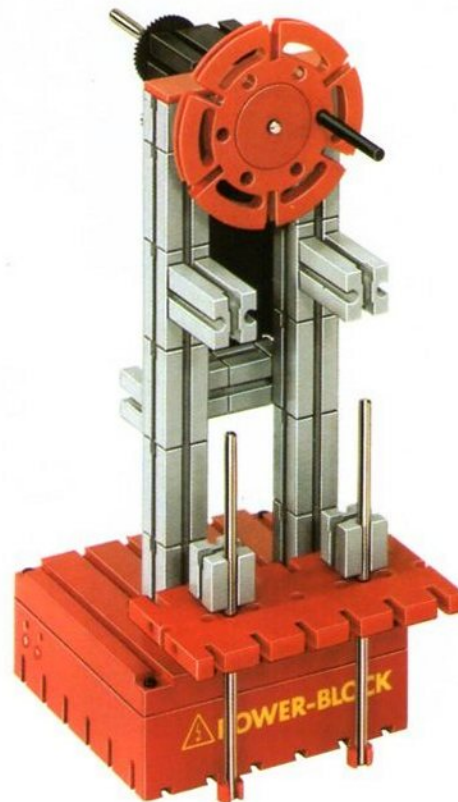


15 mm

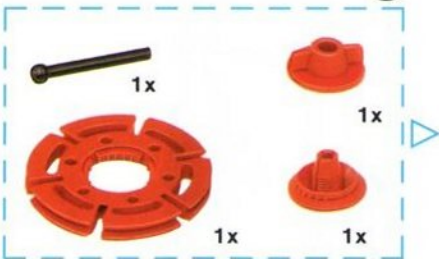
Exzenterpresse
 Excenter press
 Presse à excentrique



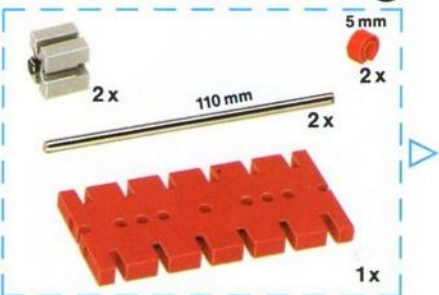
4



5



6

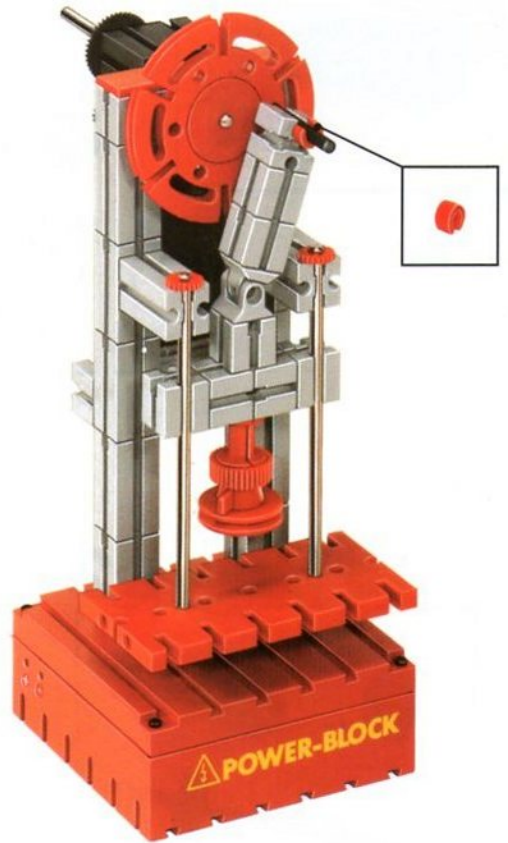
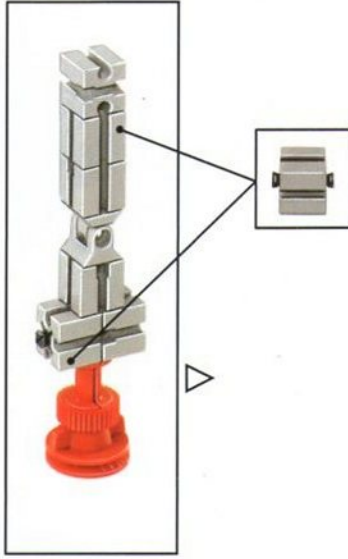


5 10 15 mm

110 mm

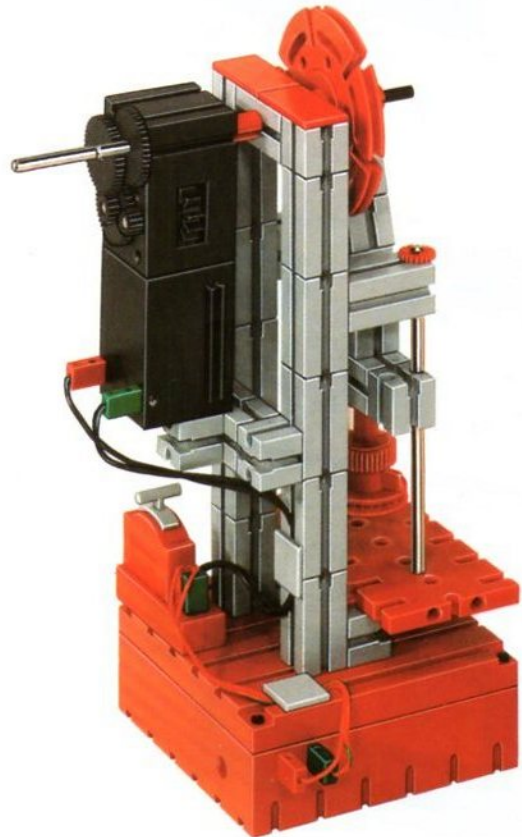
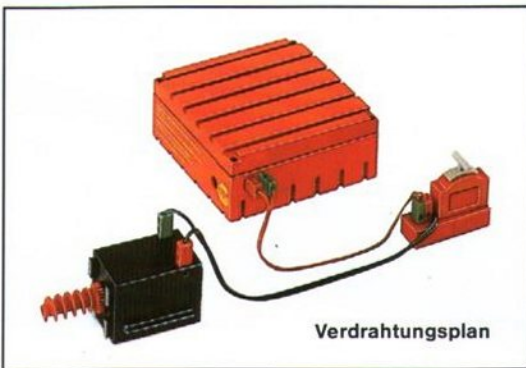
7

- 4x
- 1x
- 1x
- 2x
- 1x
- 1x
- 1x
- 2x
- 1x
- 5 mm
- 1x
- 1x



8

- 2x
- 2x
- 1x
- 2x
- 1x

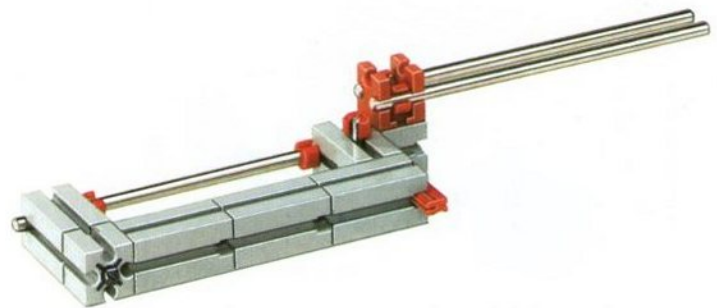
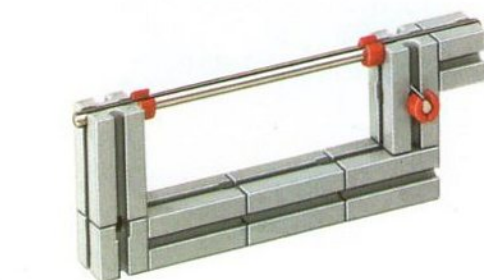
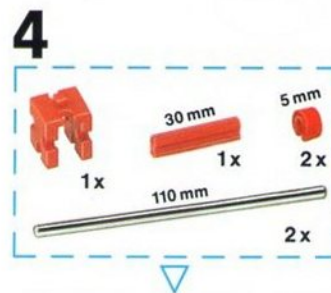
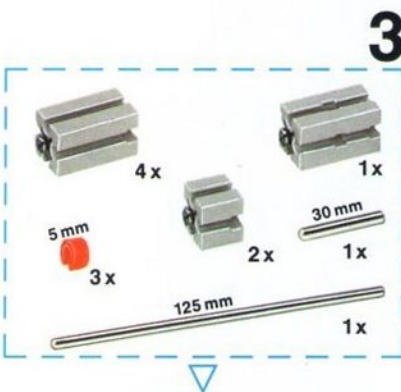
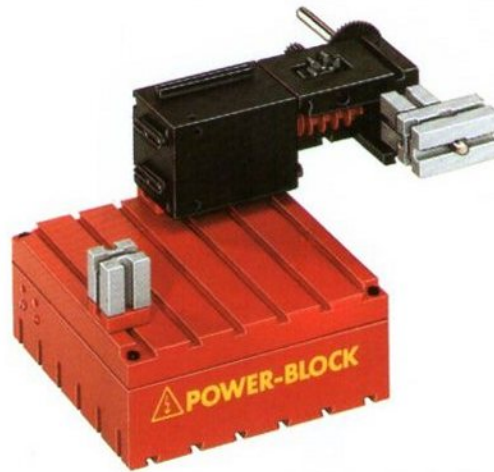
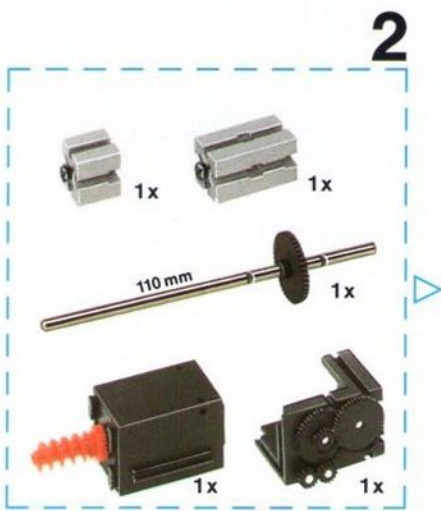
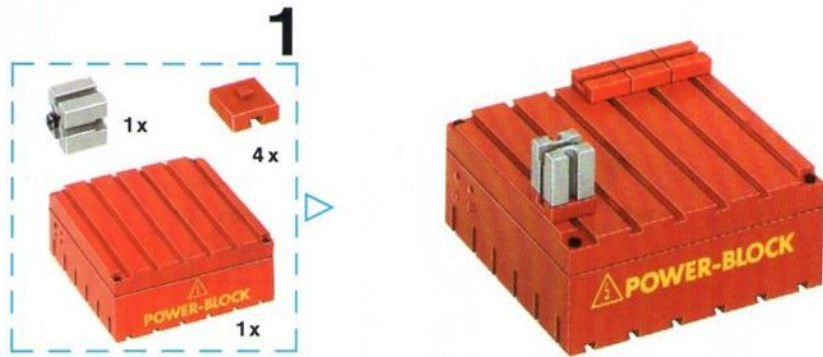


5 mm

30 mm

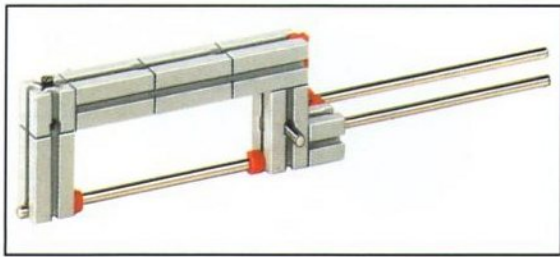
14 cm

**Bügelsäge
Hacksaw
Scie mécanique à courbe**



5 mm 30 mm

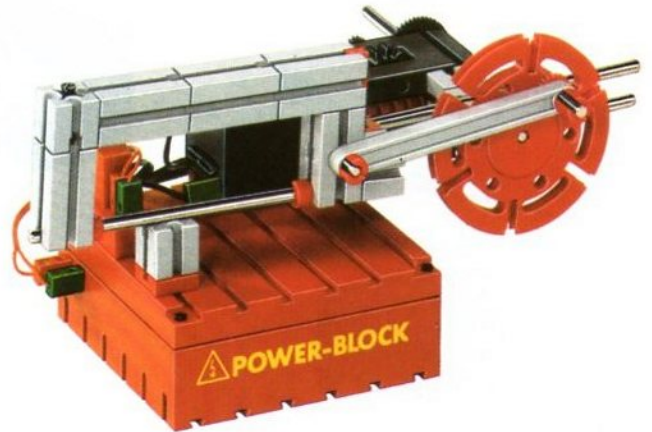
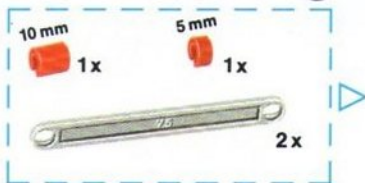
110 mm 125 mm



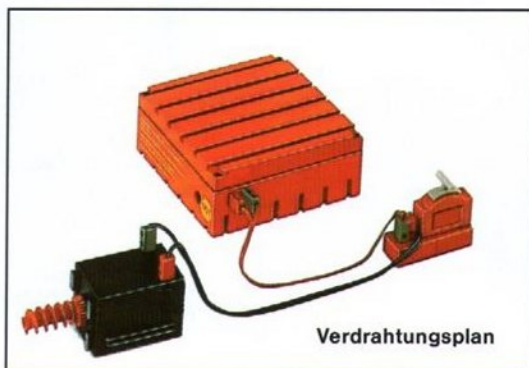
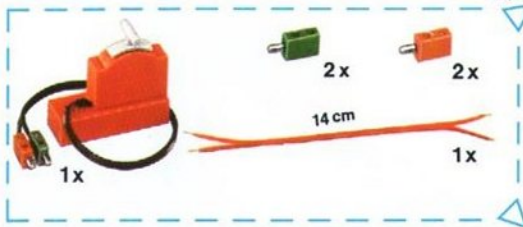
5



6



7



Verdrahtungsplan

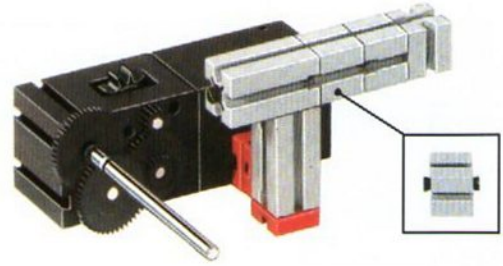
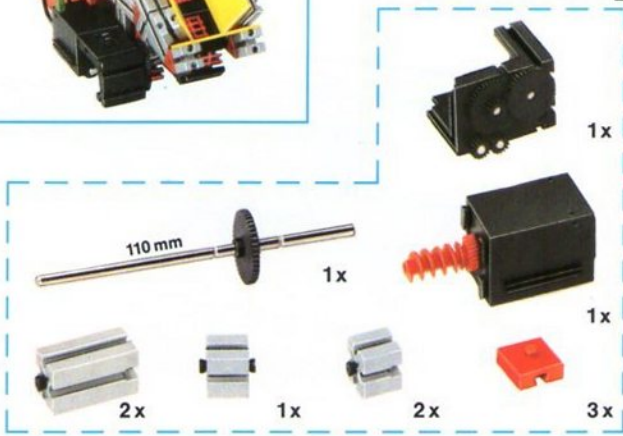
5 10 mm 30 mm

14 cm

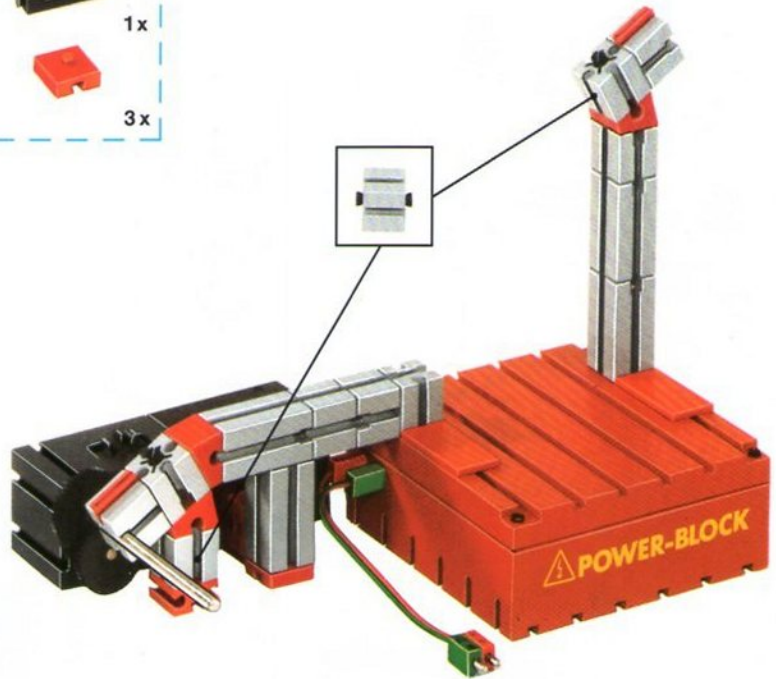
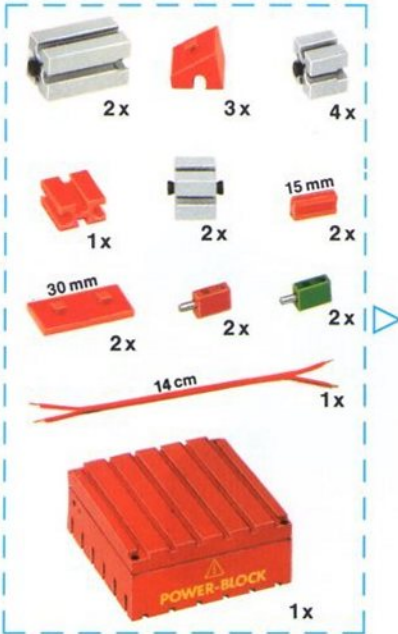
Förderband
Conveyor belt
Convoyeur



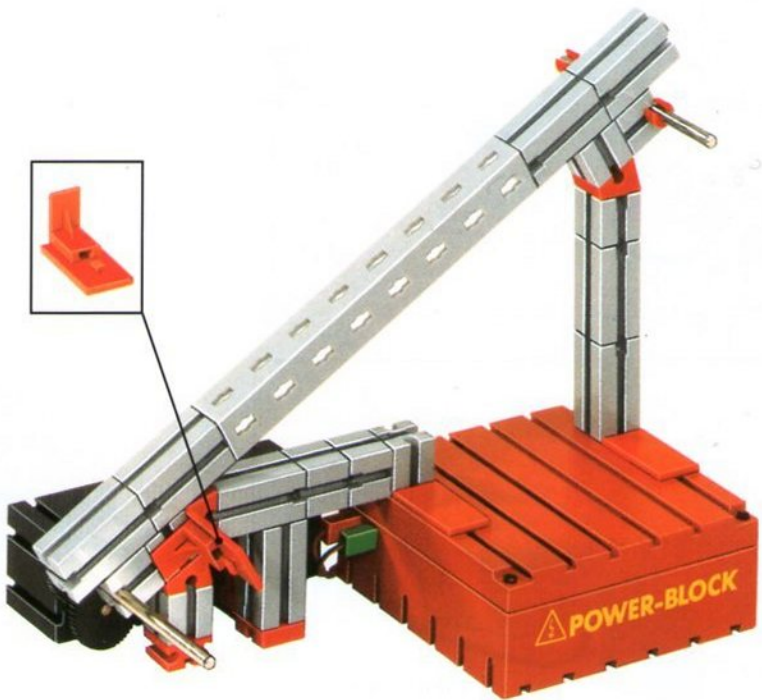
1



2



3



5 mm 15 mm 30 mm

80 mm

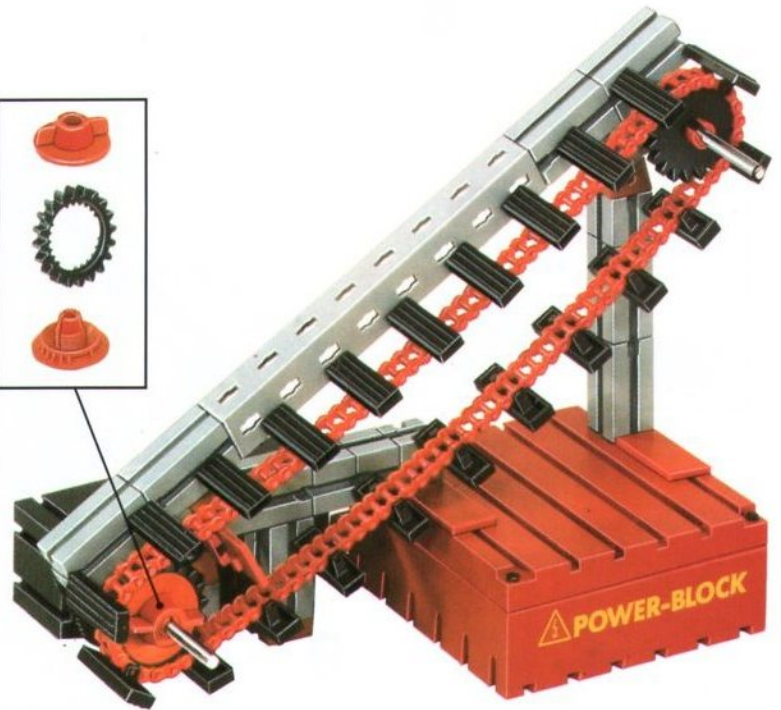
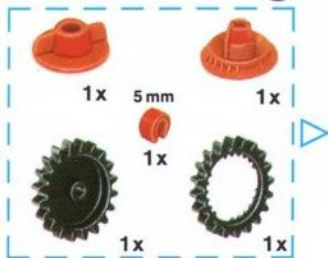
110 mm

14 cm

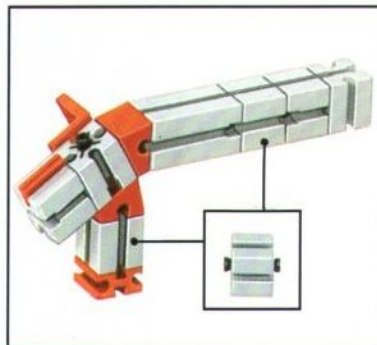
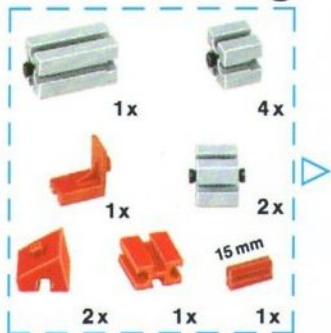
4



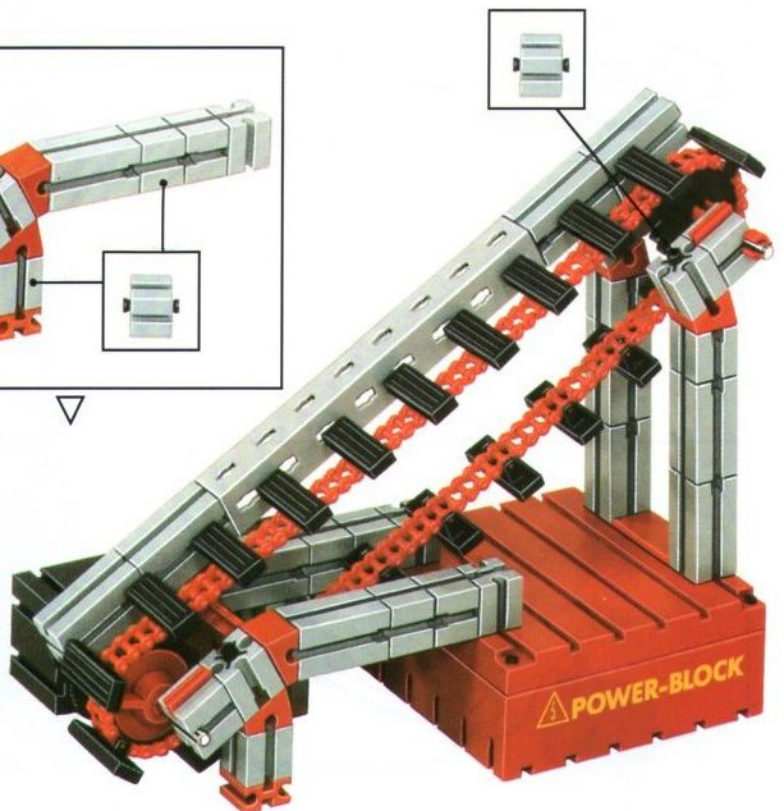
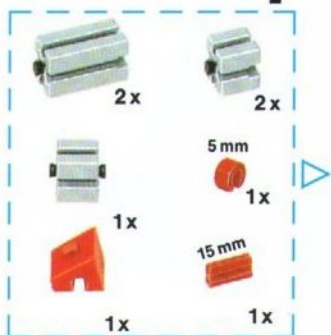
5



6



7

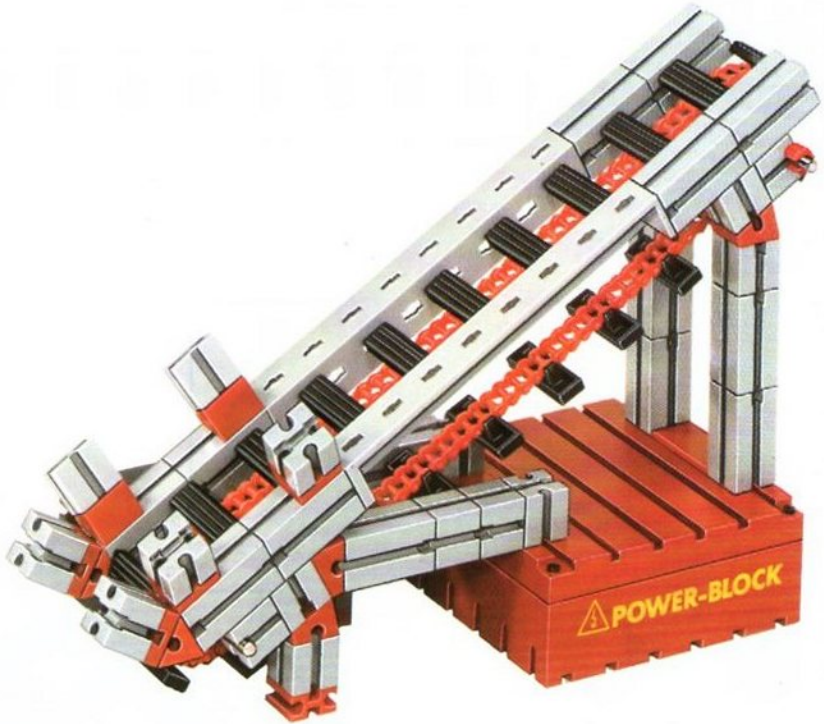


5 mm 15 mm

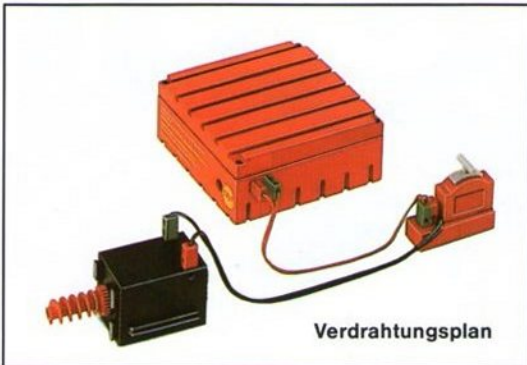
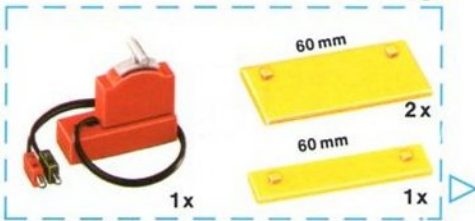
Förderband
Conveyor belt
Convoyeur



8



9



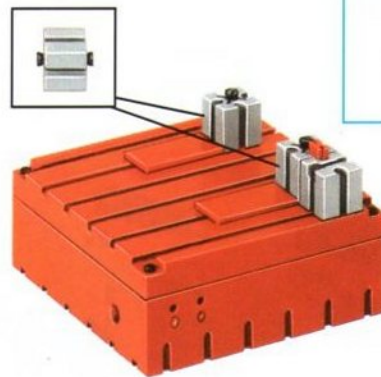
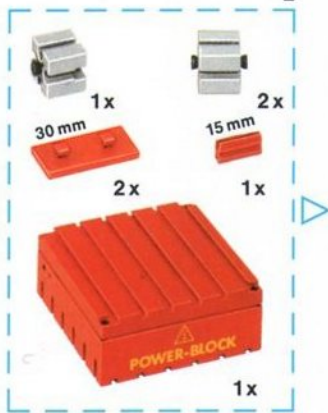
Verdrahtungsplan

60 mm

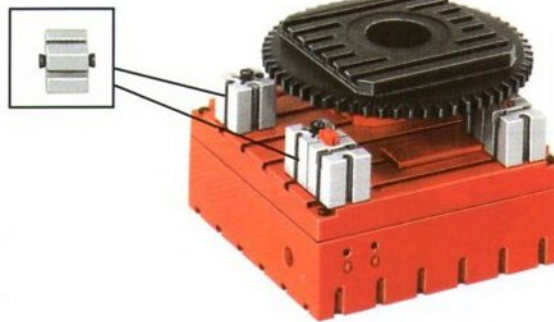
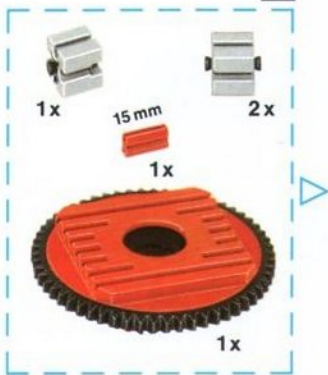
Baukran
Crane
Grue



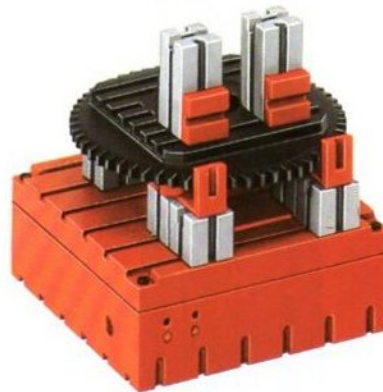
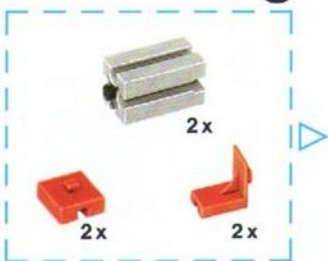
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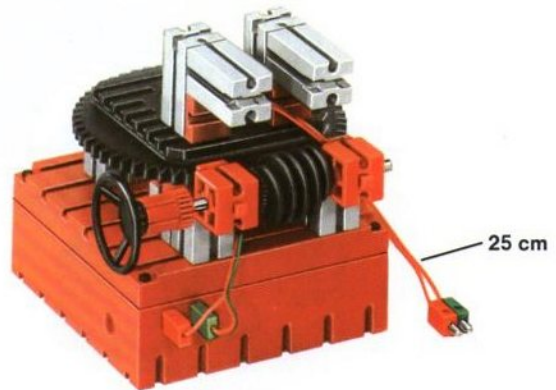
2



3



4



15 mm 30 mm

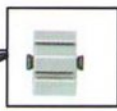
Baukran
Crane
Grue



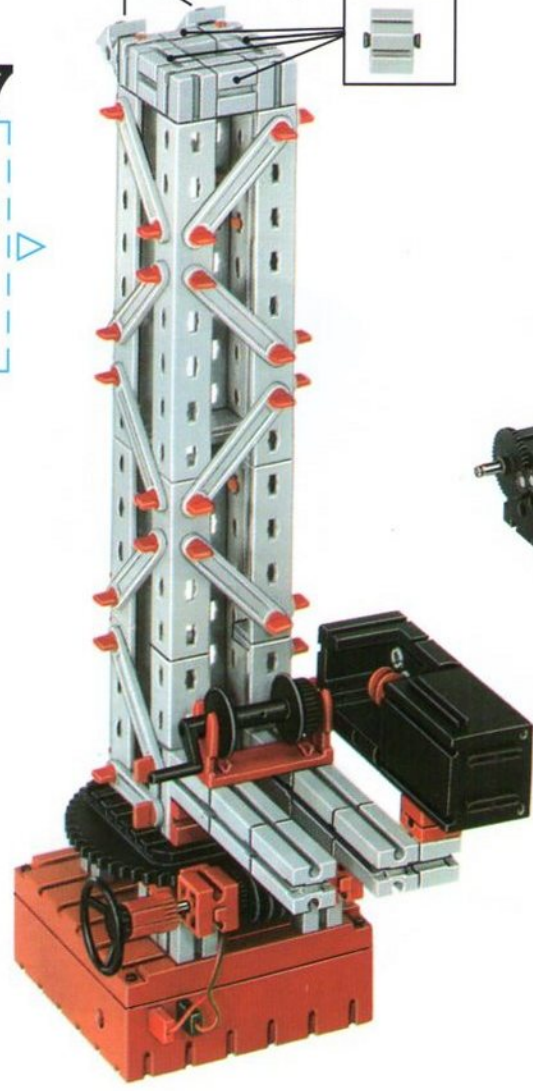
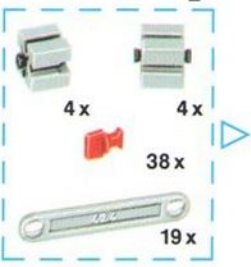
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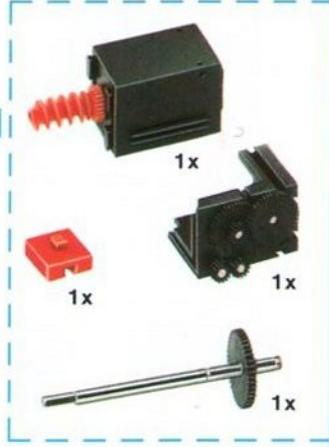
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7



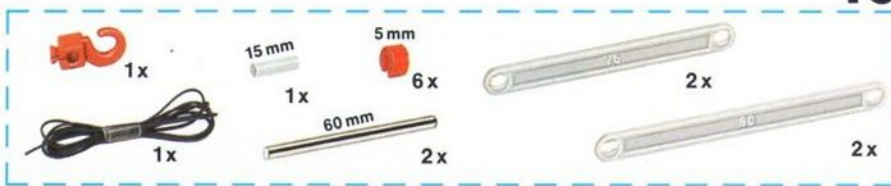
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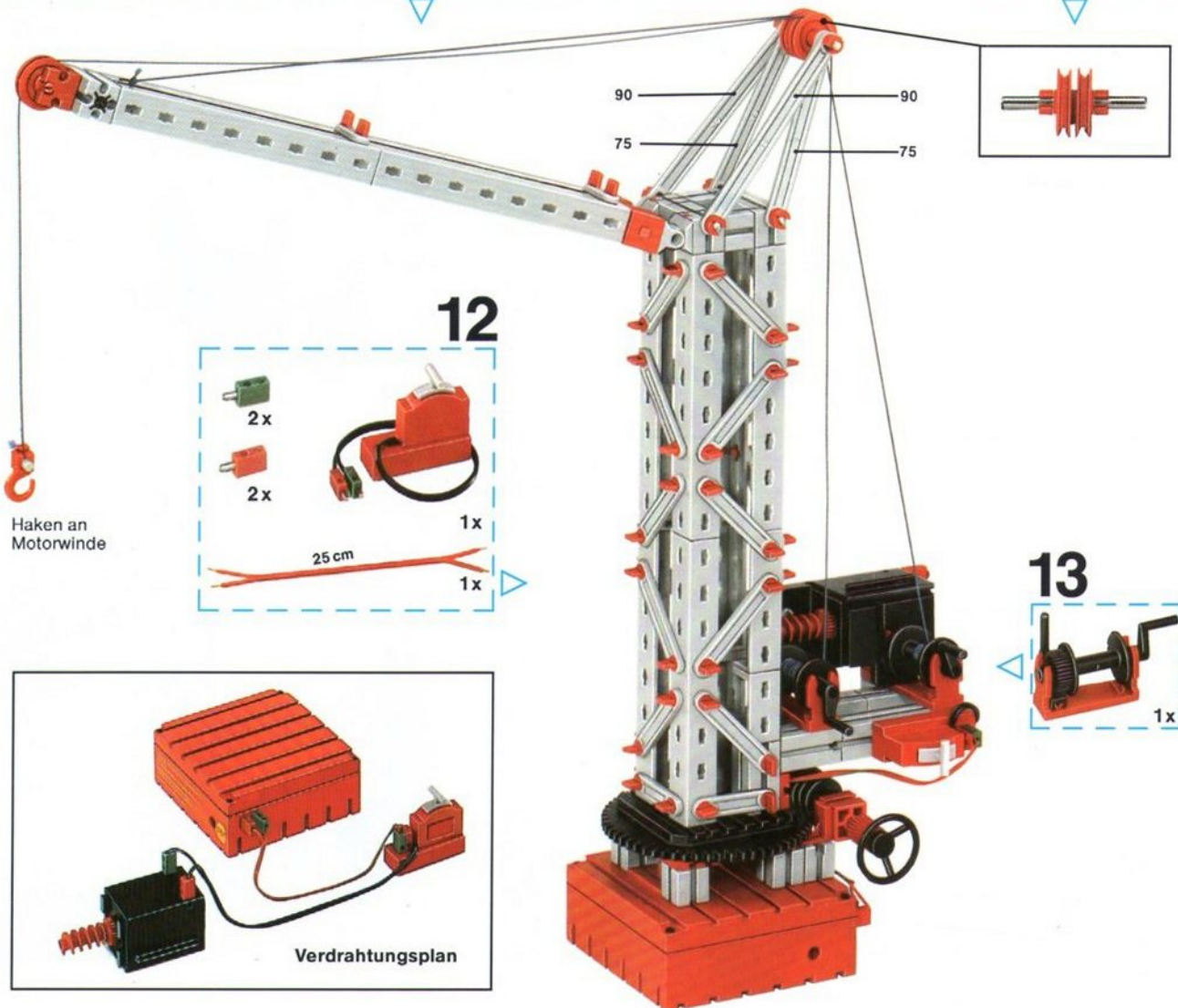
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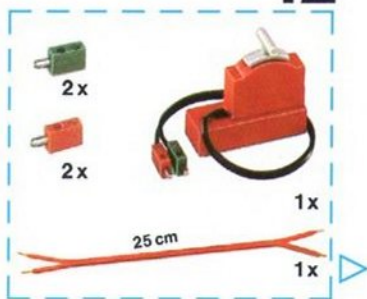
10



11

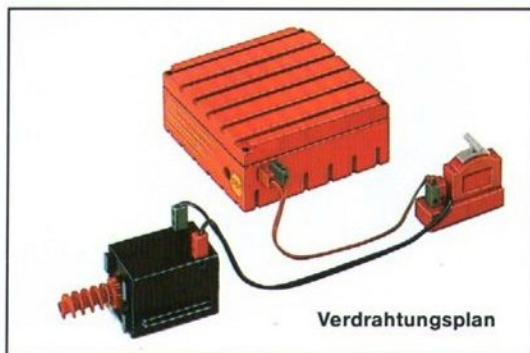


12



Haken an Motorwinde

13

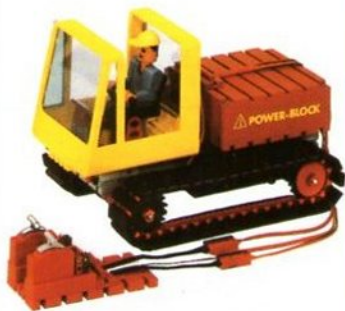


Verdrahtungsplan

5 mm 15 mm

50 mm 60 mm

Kettenfahrzeug mit Fernlenkung
Track vehicle with remote control
Véhicule chenillé téléguidé



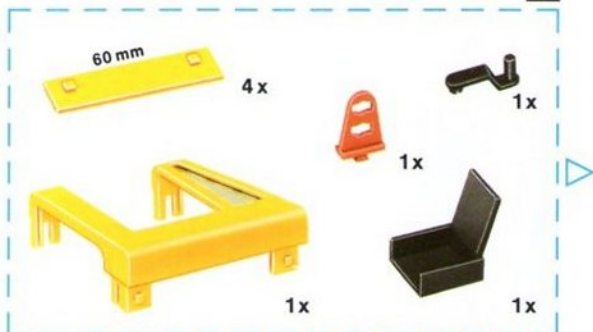
Zusätzlich notwendig

32618	Motor 6 V	1 x
32621	Stufengetriebe	1 x
31350	Polwendeschalter	1 x
31364	Litze 1 m	1 x
32628	Achse 125 m. Zahnrad	1 x
31253	Flachbuchse grün	1 x
31254	Flachbuchse rot	1 x
31336	Flachstecker grün	2 x
31337	Flachstecker rot	2 x

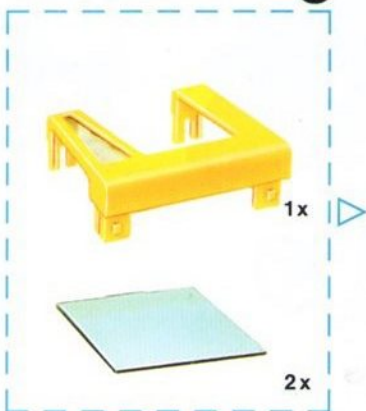
1



2



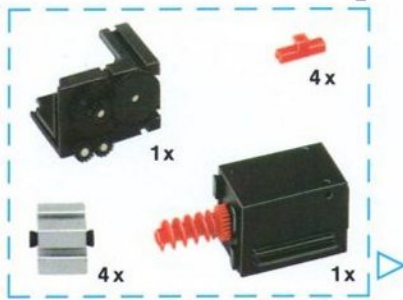
3



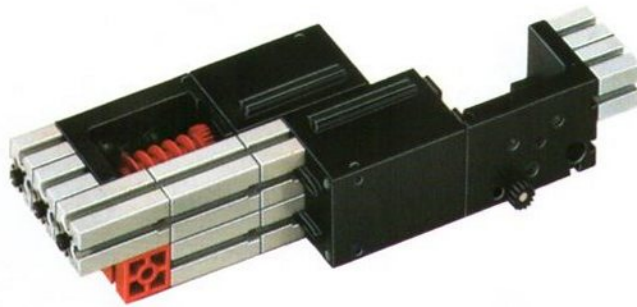
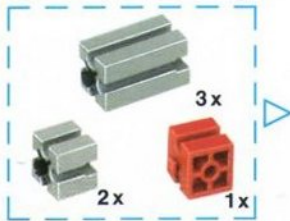
30 mm

60 mm

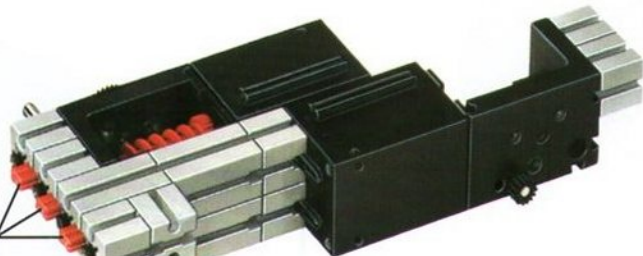
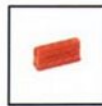
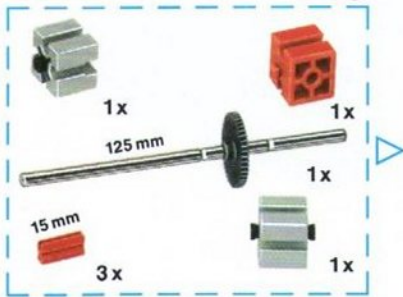
4



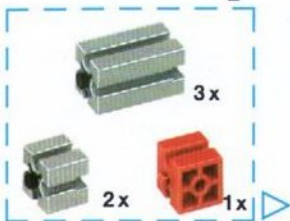
5



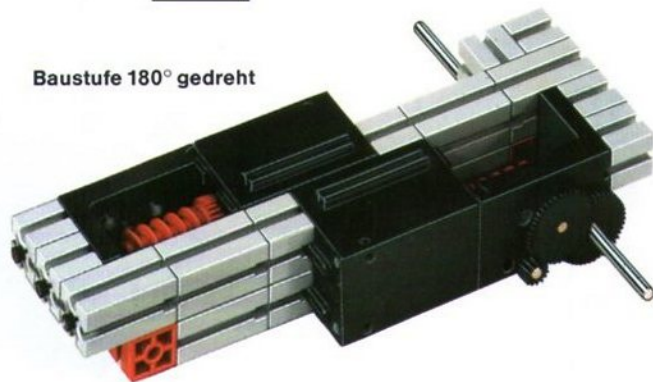
6



7



Baustufe 180° gedreht



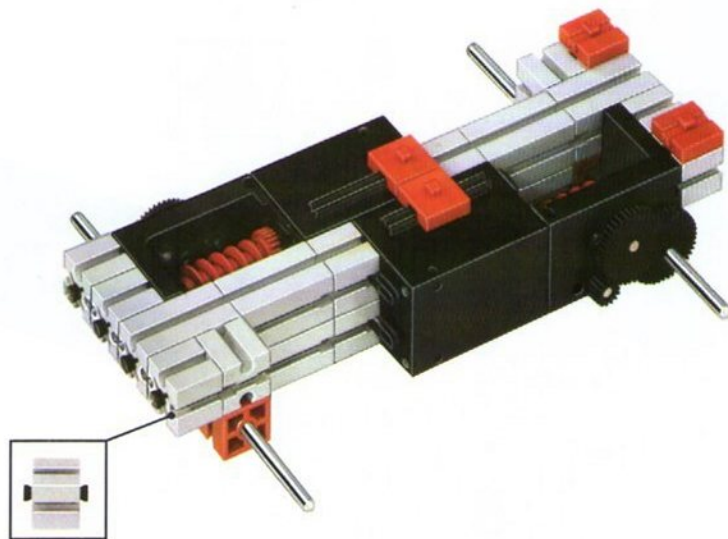
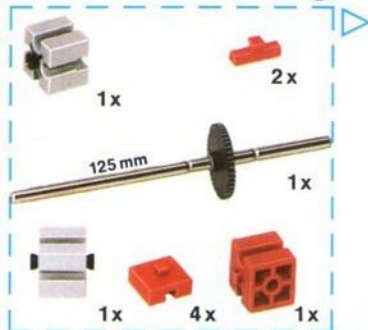
15 mm

125 mm

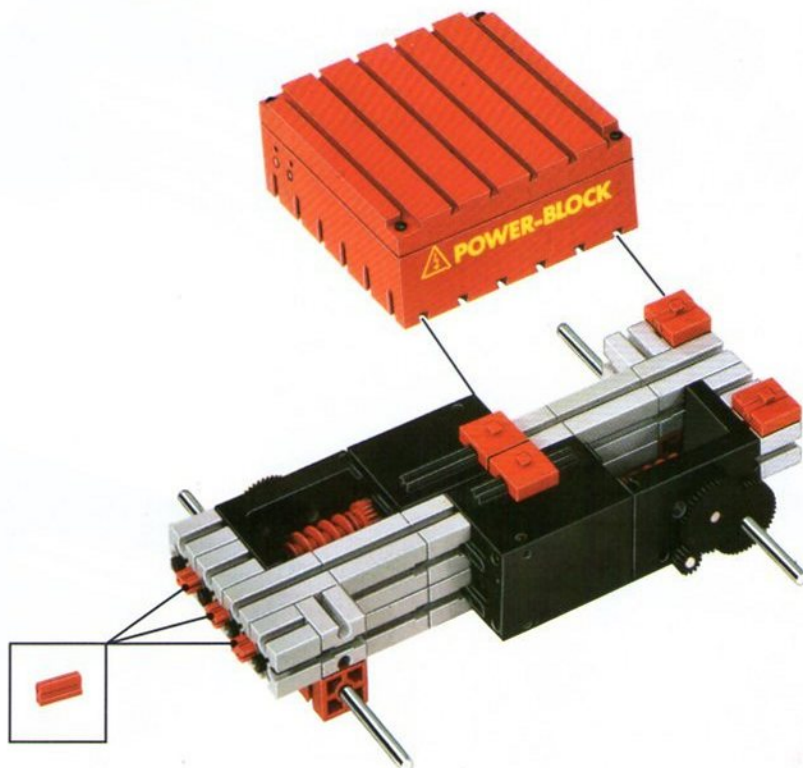
Kettenfahrzeug mit Fernlenkung
Track vehicle with remote control
Véhicule chenillé téléguidé



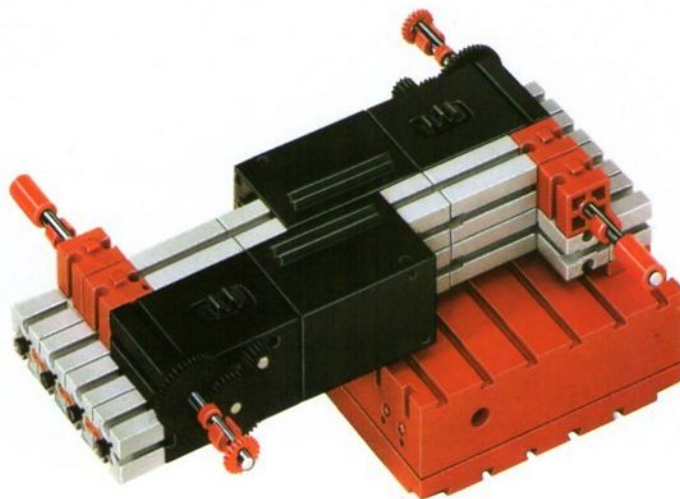
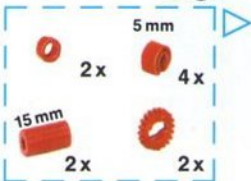
8



9



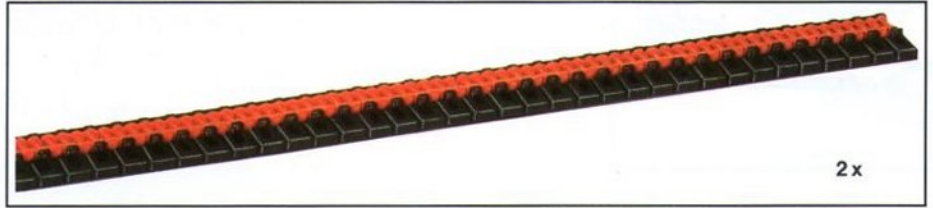
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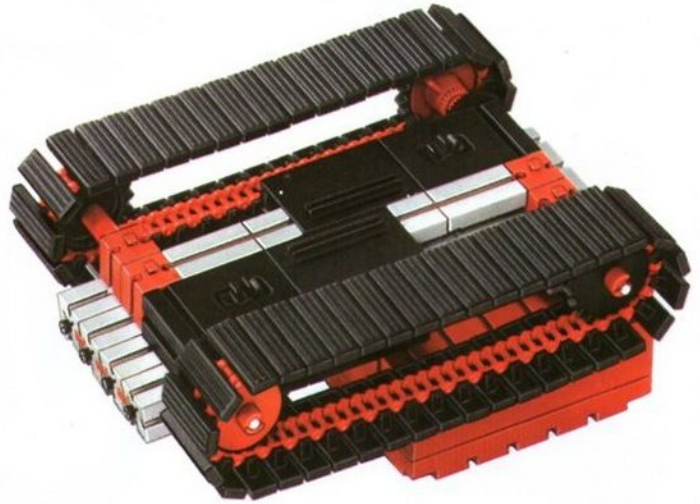
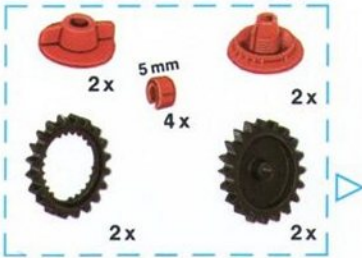
5 mm 15 mm

125 mm

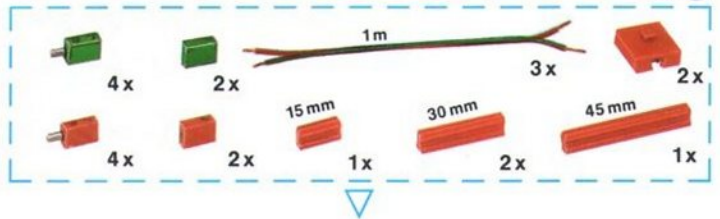
11



12



13



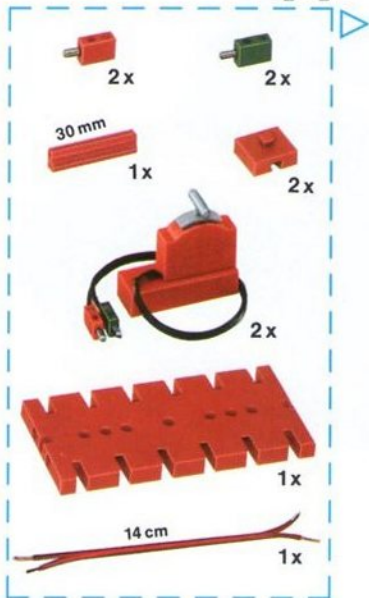
Verdrahtungsplan siehe Seite 48

5mm 15mm 30mm 45mm

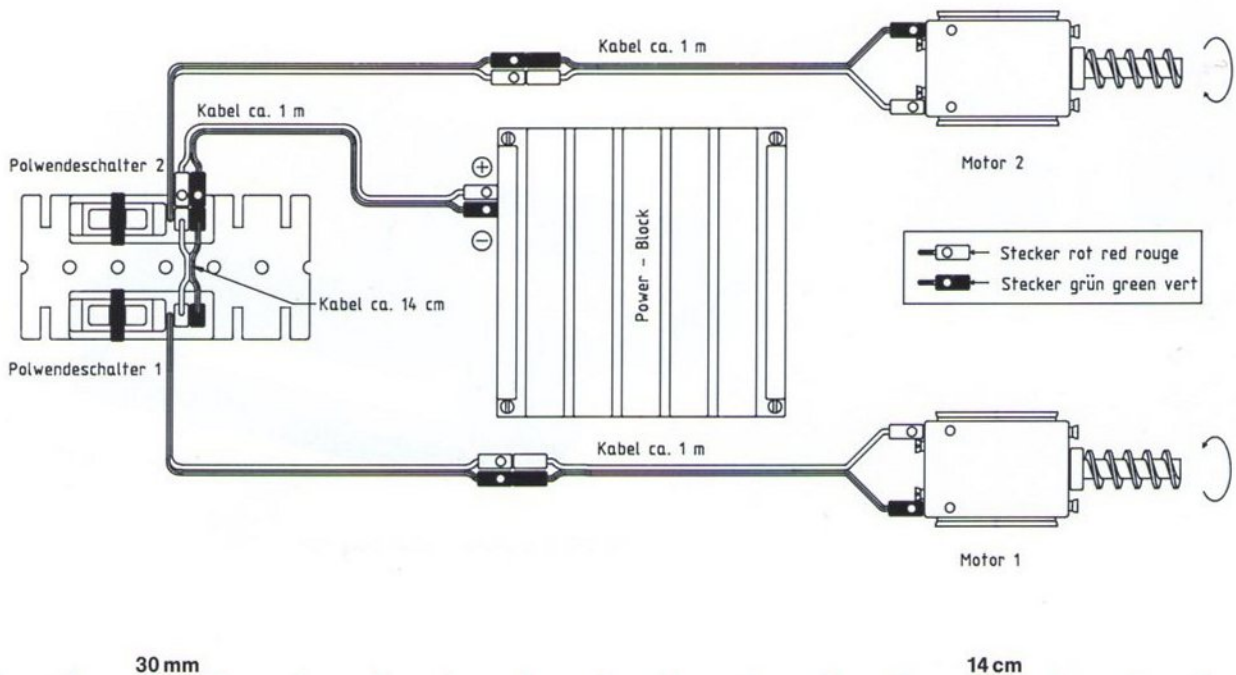
Kettenfahrzeug mit Fernlenkung
Track vehicle with remote control
Véhicule chenillé téléguidé



14



Verdrahtungsplan



LKW mit Fernsteuerung
 Truck with radio control
 Camion radio commandé



Zusätzlich notwendig

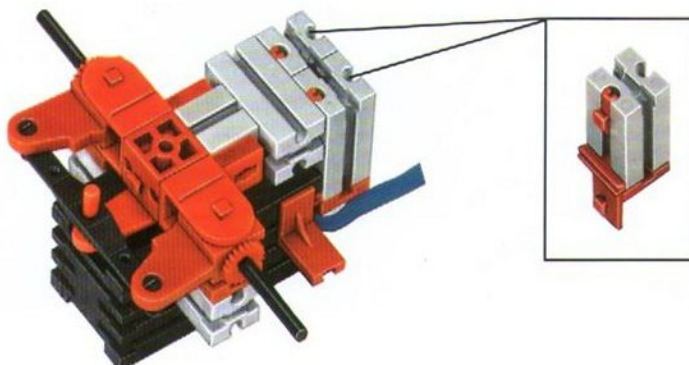
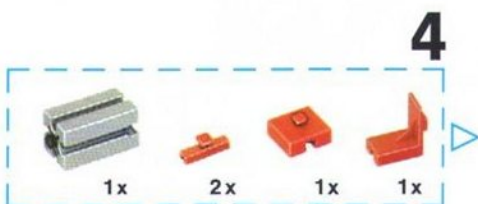
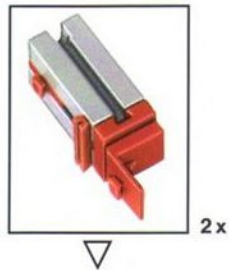
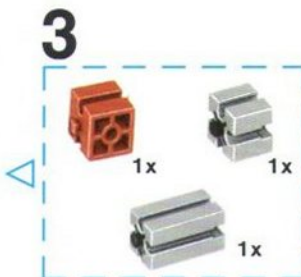
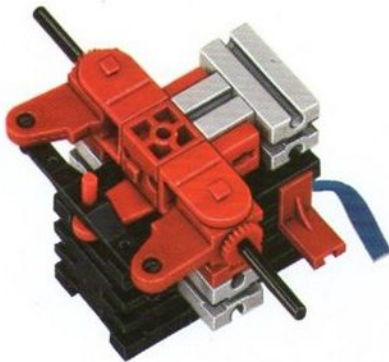
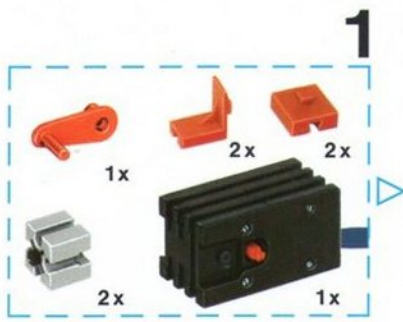
Motor-Controller
 – 4-Kanal-Fahrtregler –
30 277

Zusätzlich notwendig

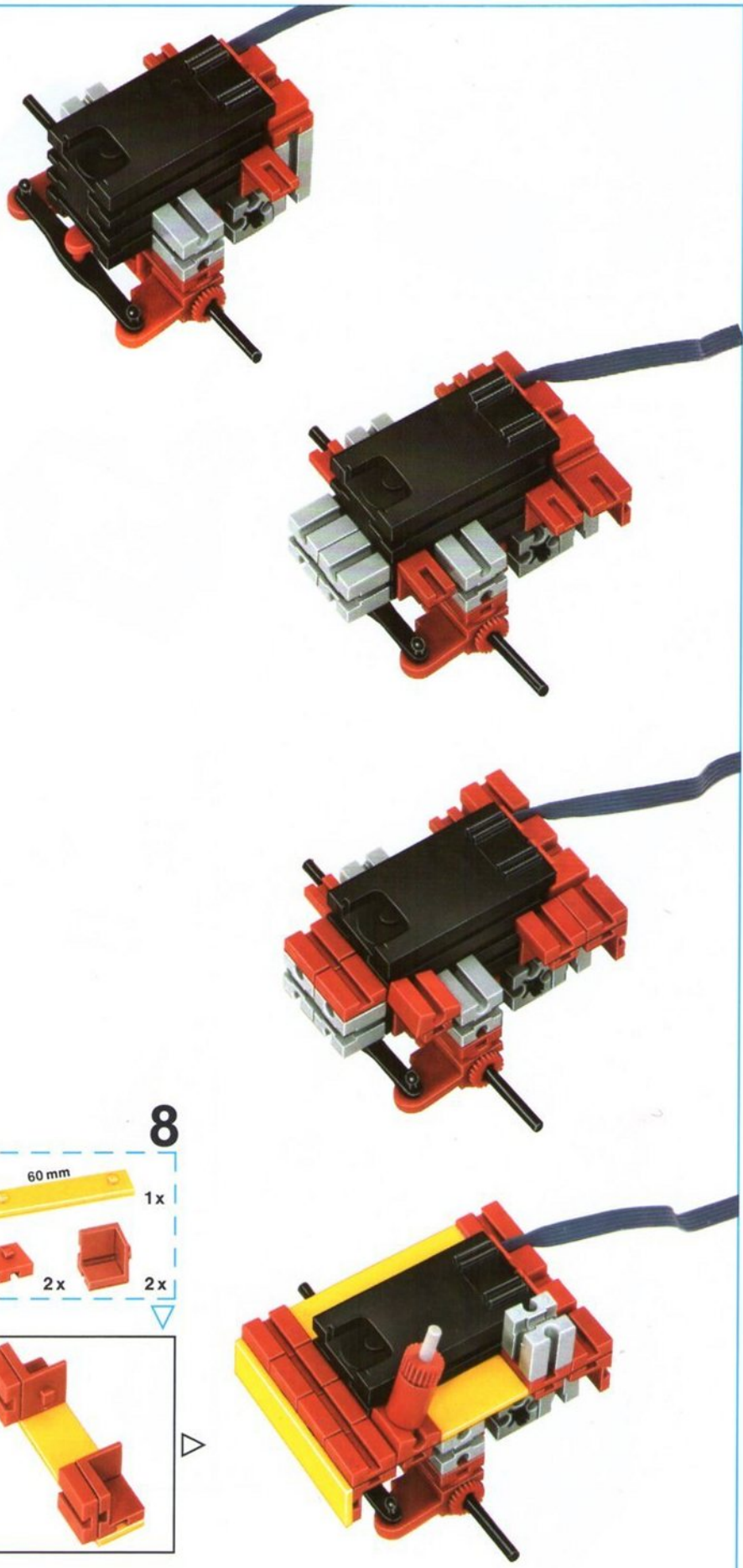
robbe
Fernsteueranlage
COMPACT oder
STARION

Zusätzlich notwendig

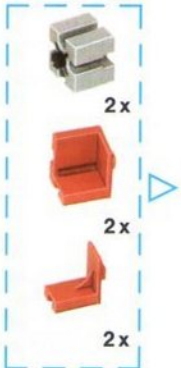
31495 Servo
 32109 Servohebel 22,5



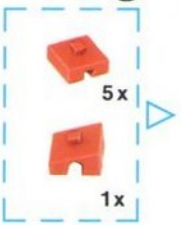
LKW mit Fernsteuerung
 Truck with radio control
 Camion radio commandé



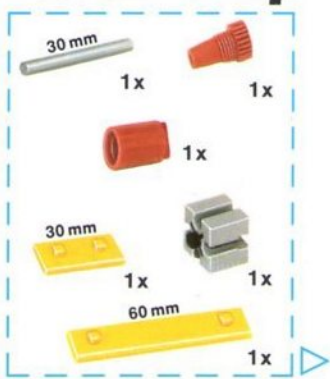
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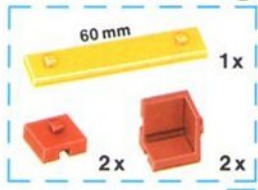
6



7



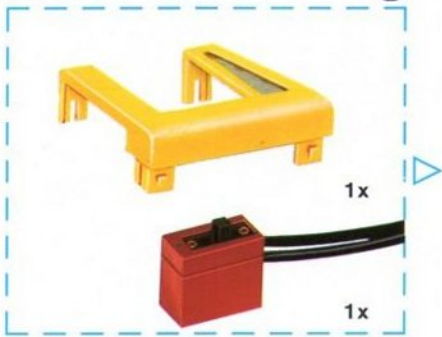
8



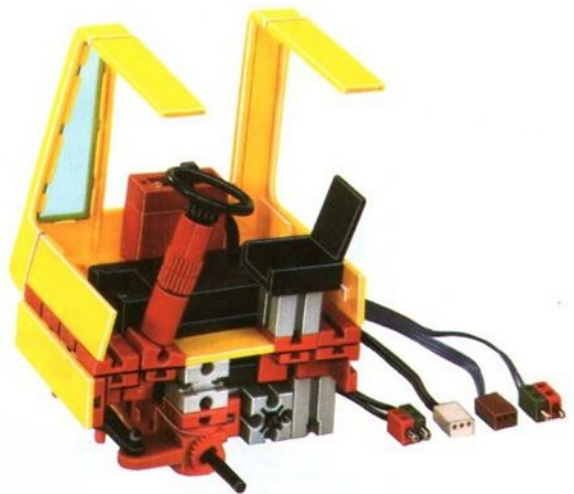
30 mm

60 mm

9



10



11



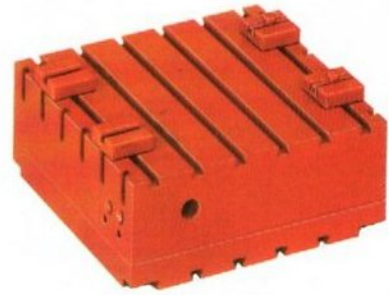
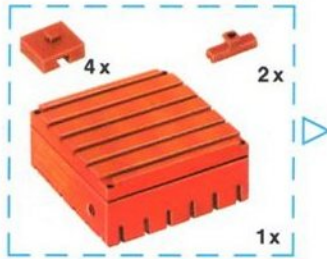
5 mm

60 mm

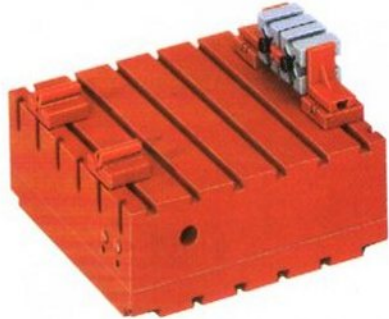
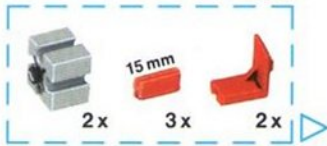
LKW mit Fernsteuerung
Truck with radio control
Camion radio commandé



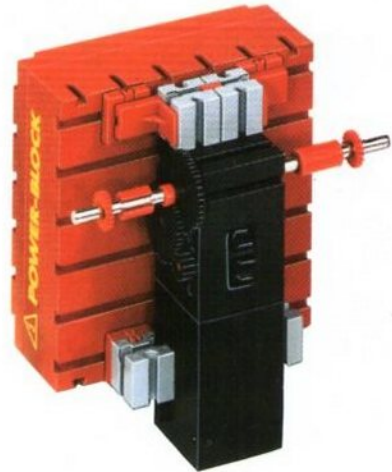
12



13



14



15



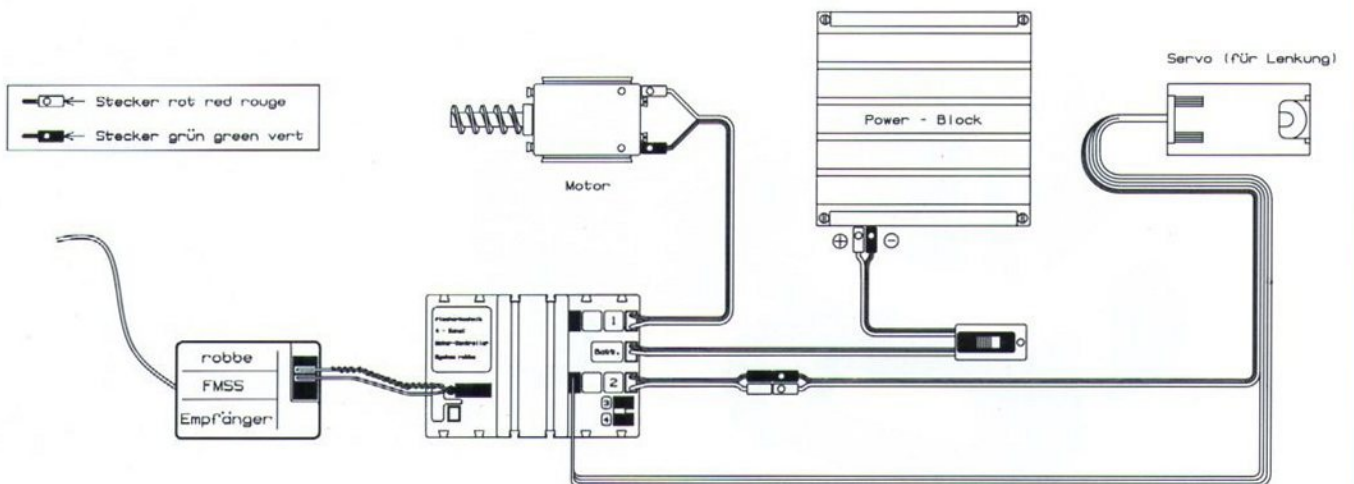
5 10 15 mm

110 mm

16

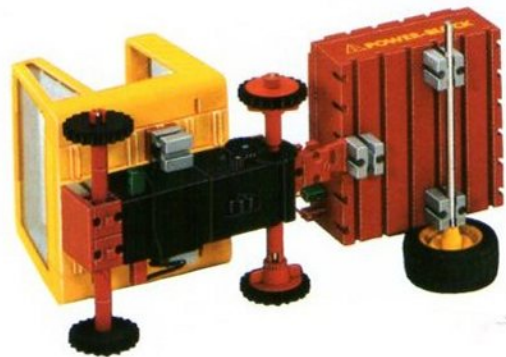
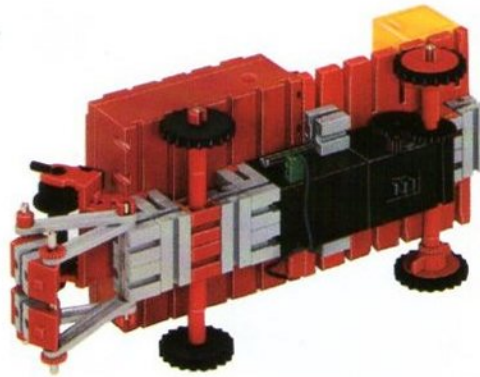


Verdrahtungsplan



Planierraupe ▽
Tiltadozer
Bulldozer

▽ Kettenfahrzeug mit Anhänger
▽ Track vehicle with trailer
▽ Véhicule chenillé avec remorque



Gabelstapler
Fork Lifter
Chanot élévateur



Hubschrauber
Helicopter
Hélicoptère

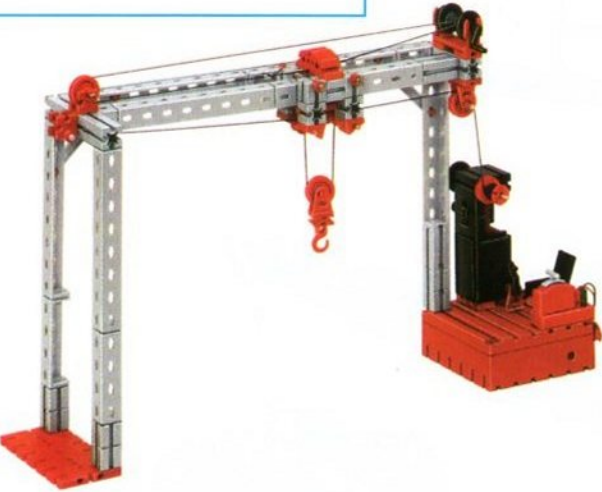


Zusätzlich notwendig

Service-Set
Mini-Motor
30 187

Portalkran
Portal crane
Portique

▽ Rührmaschine
▽ Mixing machine
Machine à remuer



Schaukel
Swing
Balçoire



Kran
Crane
Grue



Zusätzlich notwendig

Start 100
30 141



Passende Service-Sets zur Ergänzung Ihres Combimot-Baukastens.

To complete your Combimot construction kit, choose the appropriate service-sets.

Pour compléter votre boîte de construction Combimot, choisissez les kits de service appropriés.

