




# STARLIFTERS

## MASTER PLUS

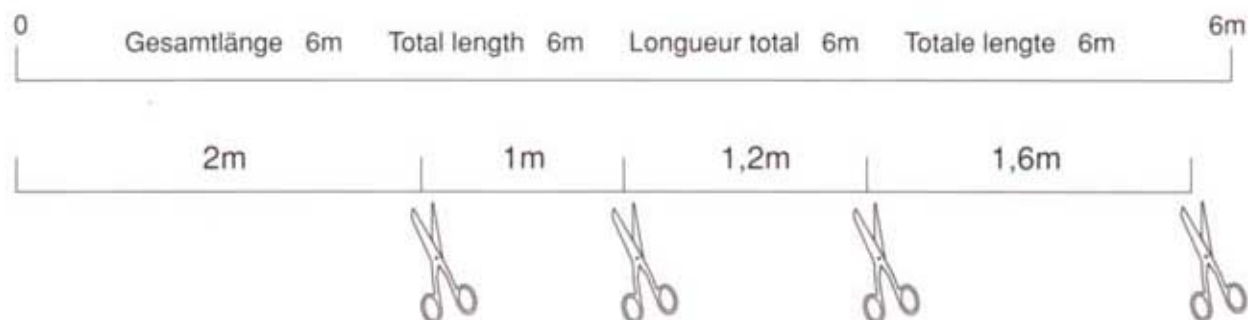
BAUANLEITUNG ASSEMBLY MANUAL MODE D'EMPLOI



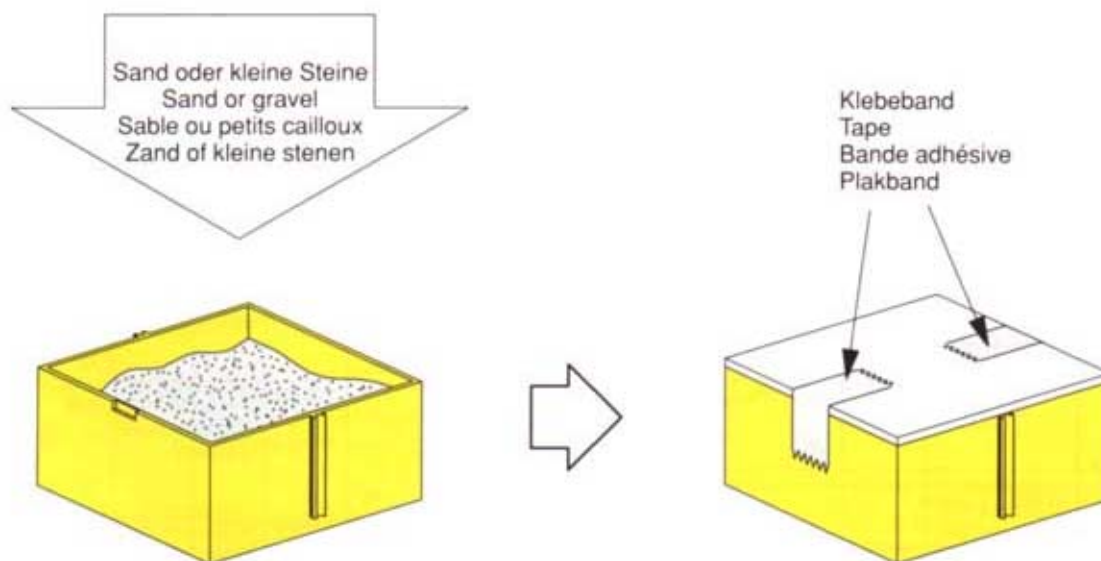
	⊕		Baukran Crane Grue Bouwkraan	5
oder – or – où – of			Molenbaukran Goliath crane Grue pour la construction des môles Havenbouwkraan	13
			Schwerlastkran Heavy duty crane Camion grue Kraan voor zware lasten	23
Ausbaumöglichkeiten More building ideas Possibilités d'extension Uitbreidingsmogelijkheden				35–37

Bevor es losgeht ....  
Before you start ....  
Avant de commencer ....  
Voor het begint ....

1. Seillängen für die 3 Modelle  
Cable lengths for the 3 models  
Longeur des câbles de treuils pour les trois modèles  
Kabellengtes voor de 3 modellen




2. Gegengewichte für die Kranausleger  
Counterweights for the jibs  
Contrepoids pour les balanciers  
Tegengewichten voor de giek







# Stückliste Spare parts list Liste des pièces détachée
















	3x 8x	31023 37679	Klemmbuchse, Clip, Bague de serrage 10mm 5mm
	4x 2x	31060 31330	Verbindungsstück, Link, Clavette d'assemblage 15mm 45mm
	1x 10x 19x 2x 2x	38544 31764 36328 36322 32200	I-Strebe, I-Strut, Élement droit fin, type I 15 30 45 60 75
	22x 50x 2x 2x	38542 36326 35058 35059	X-Strebe, X-Strut, Élement droit fin, type X 42,4 63,6 84,8 106
	88x 64x	36323 36324	S-Riegel, Single rivet, Rivet de 4mm 6mm
	4x 2x	38241 38268	Bauplatte 15x30mm, Building plate, Panneau de revêtement rot, red, rouge gelb, yellow, jaune
	4x	38251	Bauplatte 30x90mm, Building plate, Panneau de revêtement rot, red, rouge
	1x 1x	38413 38416	K-Achse, Axle, Axe 30mm 60mm
	4x 1x 1x 3x	35063 35064 35065 35066	Rastachse, Wheel axle, Axe d'arrêt 30mm 45mm 60mm 90mm
	27x	31010	Winkelstein 60° Angular block 60° Pierre angulaire de 60°
	12x	31011	Winkelstein 30° Angular block 30° Pierre angulaire de 30°
	2x	31667	Lasche 15 Girth 15 Couvre-joint 15
	2x	31668	Lasche 21,3 Girth 21,3 Couvre-joint 21,3
	9x	31690	Rastachse Wheel axle Axe d'arrêt

	4x	31711	Kontermutter Counternut Contre-écrou
	2x	31842	Lenkklaue mit Feder Steering claw with spring Patte de direction avec ressort
	2x	31843	Lenkwürfel Steering block Pavé de direction
	4x	31888	Gelenkstück Articulated piece Rotule de barre de direction
	2x	31894	Anlenkhebel Wrist pin Levier de direction
	3x	31915	Zangenmutter Chuck nut Ecrou
	2x	31918	Winkelstein 60° mit 3 Nuten Angular block 60° with 3 grooves Pierre angulaire 60° avec 3 rainures
	12x	31981	Winkelstein 15° Angular block 15° Pierre angulaire 15°
	14x	31982	Federnocken Spring cam Came
	2x	31994	Schalthebel Gear lever Levier
	11x	32064	Baustein 15 mit Bohrung Building block 15 with bore Pierre de 30 percée
	16x	32071	Winkelstein 7,5° Angular block 7,5° Pierre angulaire 7,5°
	3x	32076	Cassetten-Unterteil Cassette base Caisson
	1x	32085	Rollenbock Roller block Support de poulie
	1x	32846	Nylonseil 6m Rope 6m Filin Nylon 6m

	20x	32850 Riegelstein 15x15 Building block 15x15 Pierre à rivet 15x15
	4x	32854 U-Träger 150 U-girder 150 Montant en U 150
	5x	32861 Bodenplatte 30x90 Bottom plate 30x90 Plaque de base 30x90
	6x	32870 Clipsachse Clips-Axle Goupille
	22x	32879 Baustein 30 Building block 30 Pierre de 30
	26x	32881 Baustein 15 Building block 15 Pierre de 15
	16x	32882 Baustein 15 mit 2 Zapfen Building block 15 with 2 pins Pierre de 15 à 2 tenons
	4x	32883 Felge Wheelrim Jante
	4x	32913 Reifen 50 Tire 50 Pneumatique 50
	2x	32973 Seiltrommelhalbschale Half shell of cable drum Demi-capot pour treuil
	4x	35018 Gelenkschraube Screw for hinged block Vis d'articulation
	4x	35019 Gelenkmutter Nut for hinged block Ecrou d'articulation
	2x	35049 Baustein 15x30x5 Building block 15x30x5 Élément de montage 15x30x5
	6x	35052 Winkelträger 7,5° Angle girder 7,5° Cornière de 7,5°
	16x	35053 Winkelträger 15 Angle girder 15 Cornière de 15

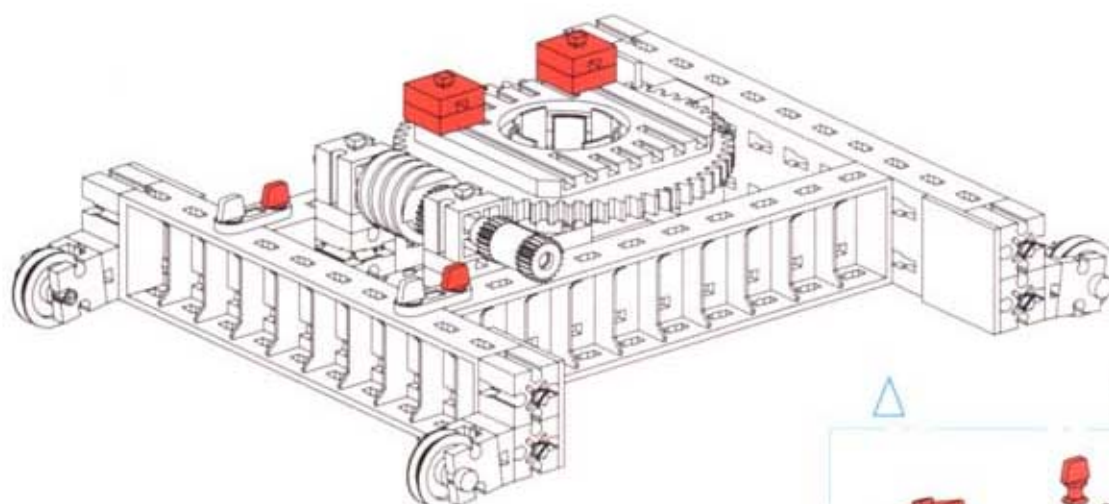
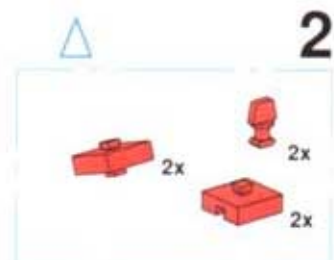
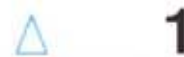
	7x	35054 Flachträger 120 Flat girder 120 Entretoise 120
	4x	35061 Kegelzahnrad mit Rastachse Bevel gear with wheel axle Roue dentée conique avec axe d'arrêt
	2x	35062 Kegelzahnrad mit Hülse Bevel gear with sleeve Roue dentée conique
	1x	35067 Lenksäule LR20 Steering column LR20 Colonne de direction LR20
	4x	35068 Spurstangengelenk Track rod hinge Rotule de barre de direction
	2x	35069 Seilwindengestell 30 Cable winch frame Supprt de treuil à câble
	2x	35070 Seiltrommel Cable winch drum Tambour à câble
	3x	35071 Rastkurbel Crank Manivelle à arrêt avec engranage
	1x	35072 Rastschnecke Worm Vis sans fin à arrêt
	6x	35073 Rastkupplung Axle coupling Douille d'accouplement
	24x	35076 Statikstein Statics building block Élément d'assemblage creux
	3x	35360 Cassettendeckel Cassette lid Couvercle de caison
	5x	35405 V-Achse 80 V-Axle 80 V-Axe 80
	4x	35668 Radhalter Wheel support Support de troue
	8x	35797 Seilrolle 21 Rope pulley 21 Rouleau de câble 21



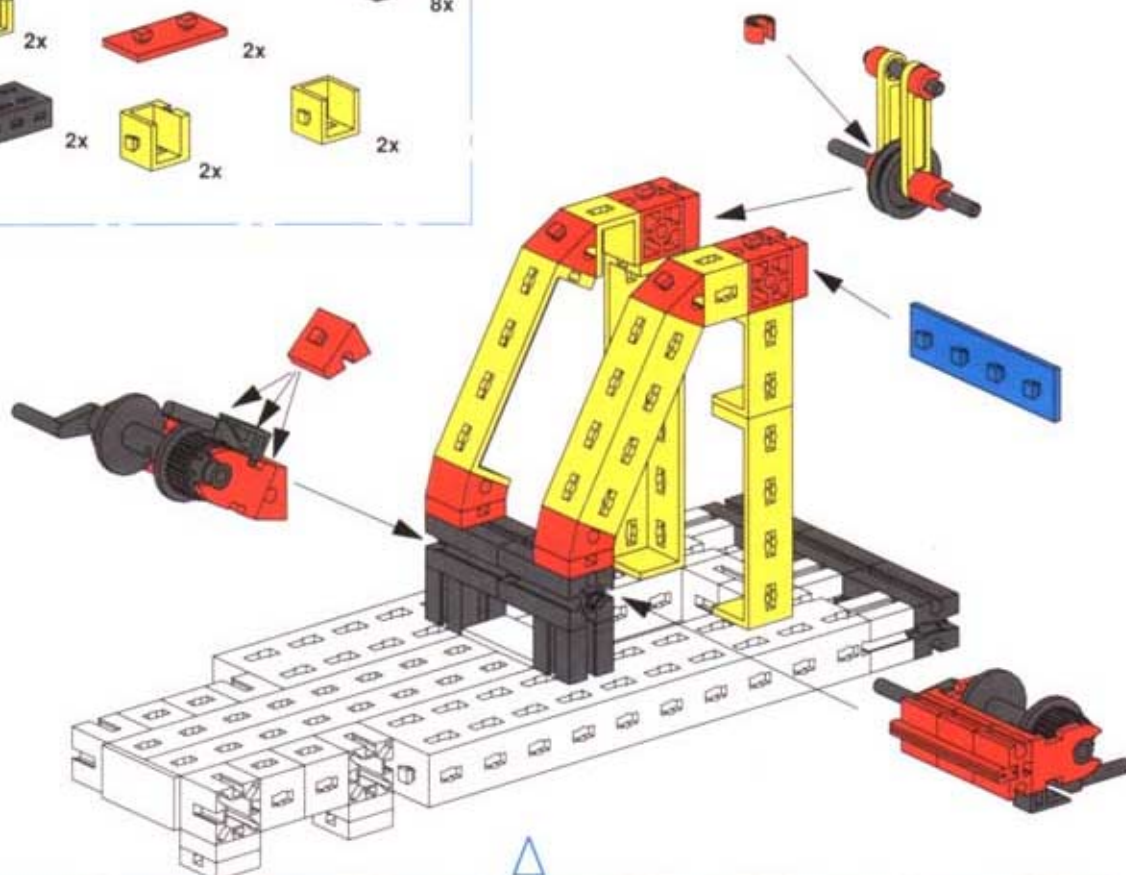
 1x	35799 Riegelschlüssel Rivet holder Outil pour rivets
 8x	35831 Gelenkstein Hinged block Élément d'articulation
 18x	36294 Winkelträger 120 Angle girder 120 Cornière de 120
 16x	36297 Winkelträger 60 Angle girder 60 Cornière de 60
 20x	36298 Winkelträger 15 mit 2 Zapfen Angle girder 15 with 2 pins Cornière de 15 à 2 tenons
 16x	36299 Winkelträger 30 Angle girder 30 Cornière de 30
 14x	36327 Flachstück 120 Beam 120 Élément d'assemblage droit
 6x	36333 Laufschiene 240mm Guide rail 240mm Rail de guidage 240mm
 2x	36334 Riegelscheibe Locking washer Disque d'arrêt
 2x	37232 Verschlussriegel Locking pin Rivet
 4x	37237 Baustein 5 Building block 5 Pierre de 5
 2x	37238 Baustein 5 mit 2 Zapfen Building block 5 with 2 pins Pierre de 5 à 2 tenons
 2x	37468 Baustein 7,5 Building block 7,5 Pierre de 7,5
 11x	37636 Rollenlager Roller bearing Roulement
 4x	37858 Klemmbare Schnecke Locking worm Vis sans fin avec cône de serrage

 4x	37925 Schneckenmutter Worm nut Ecroû pour vis sans fin
 4x	37926 Schneckenteil Worm Rallonge pour vis sans fin
 3x	38225 Seilhaken Hook Crochet
 6x	38240 Baustein V15 Eck Building block V15 corner Pierre V15 d'angle
 2x	38242 Bauplatte 15x45 Building plate 15x45 Panneau de revêtement 15x45
 2x	38245 Bauplatte 15x90 Building plate 15x90 Panneau de revêtement 15x90
 4x	38253 Kupplungsstück Coupling Pièce d'arrimage
 6x	38258 Seilrolle 12 Rope pulley 12 Rouleau de câble
 4x	38259 Bauplatte 30x30 Building plate 30x30 Panneau de revêtement 30x30
 2x	38474 Bauplatte 15x60 Building plate 15x60 Panneau de revêtement 15x60

Master-Tip: Fertigmodell auf Seite 40 ausklappen  
Master-tip: open the completed model along side 40  
Conseil: modèle fini voir page 40



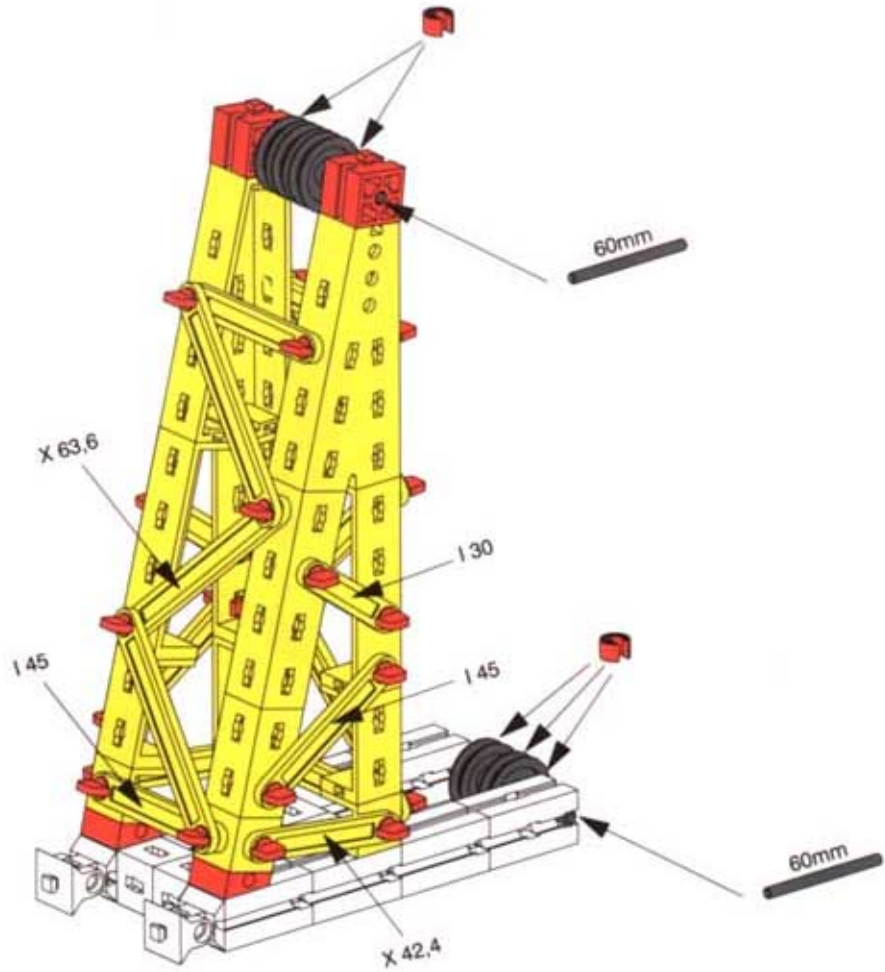
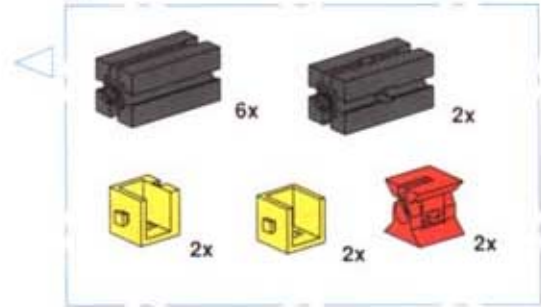
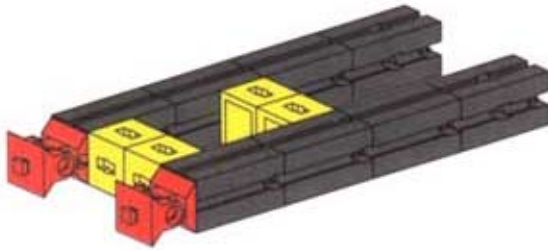




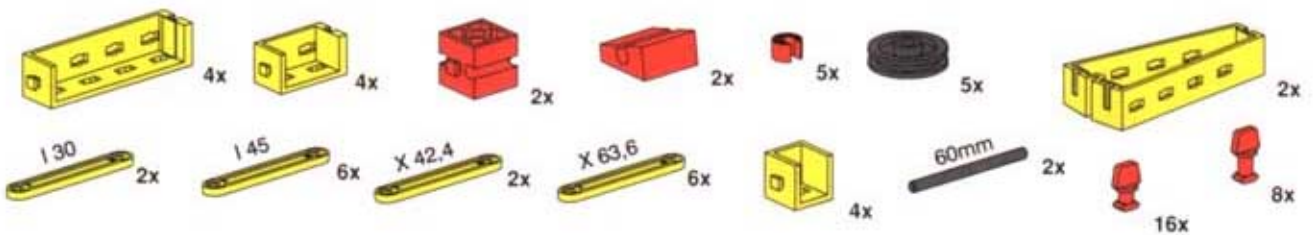




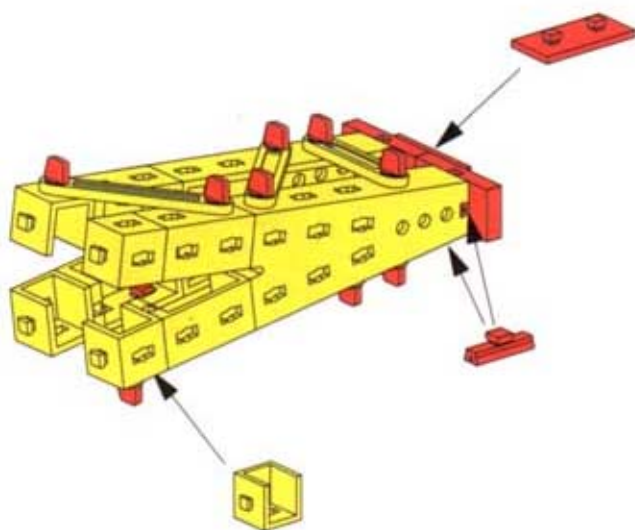
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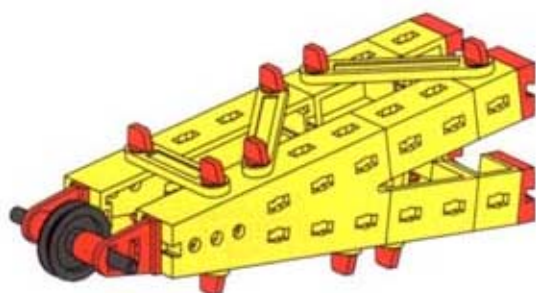
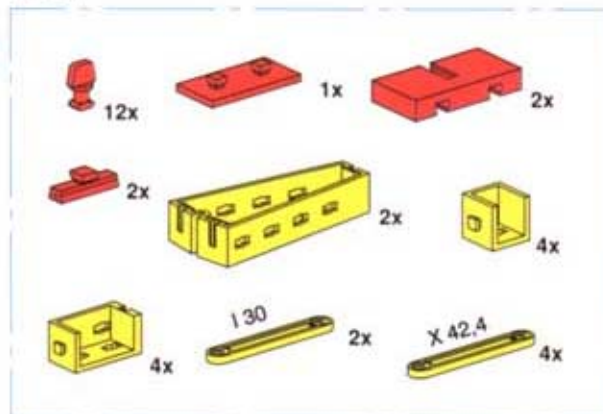
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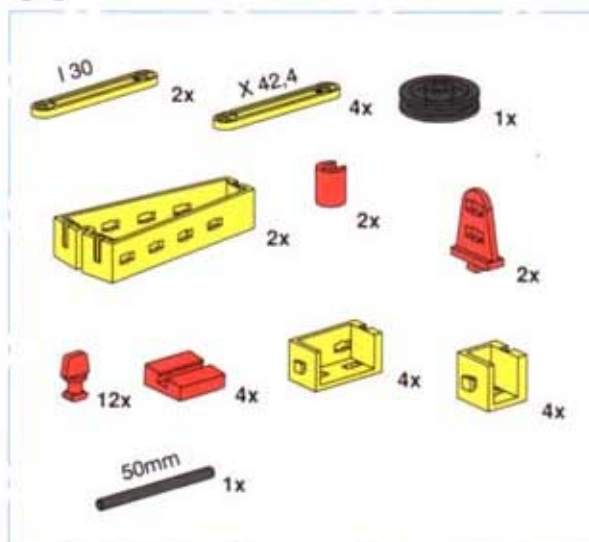
60mm



10

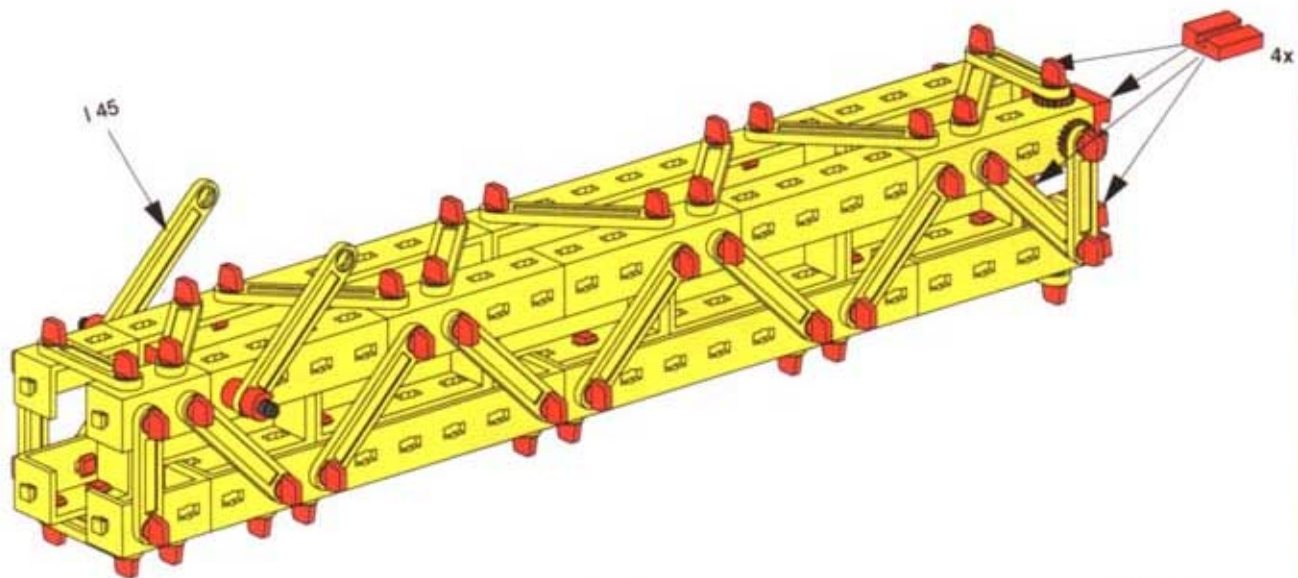


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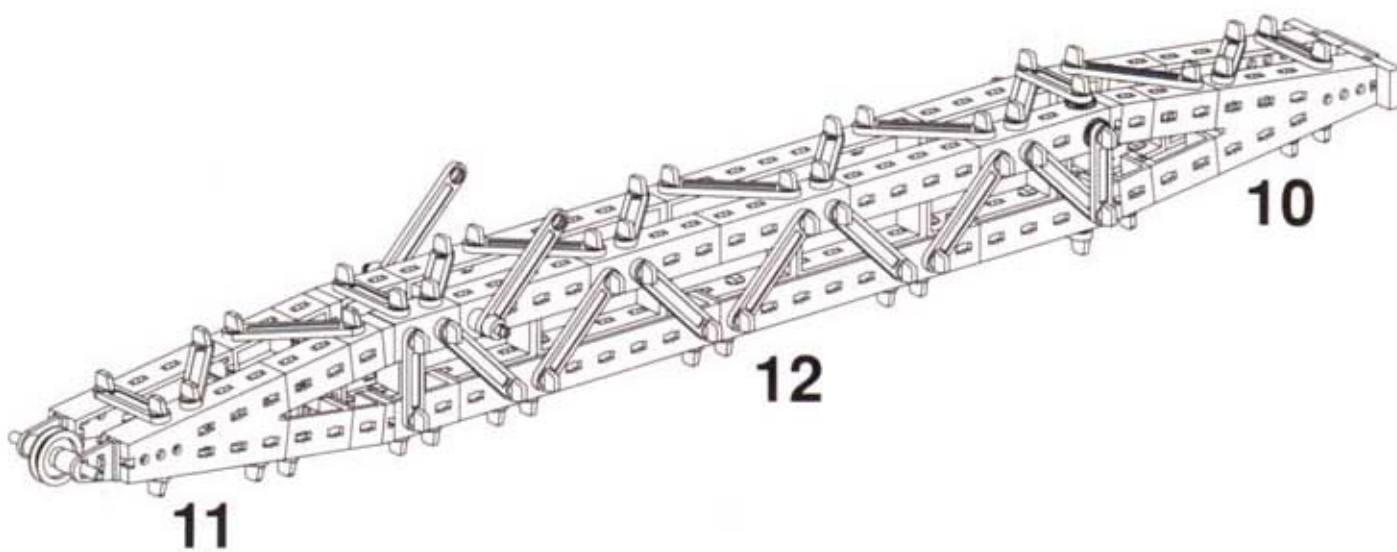
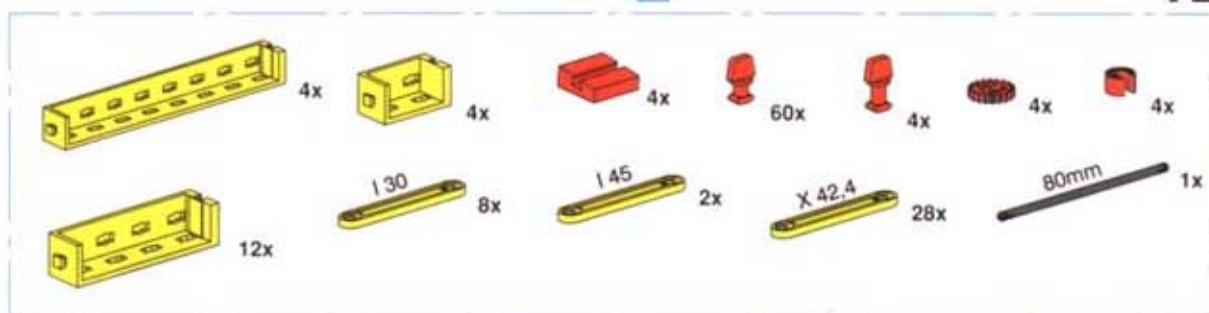


50mm

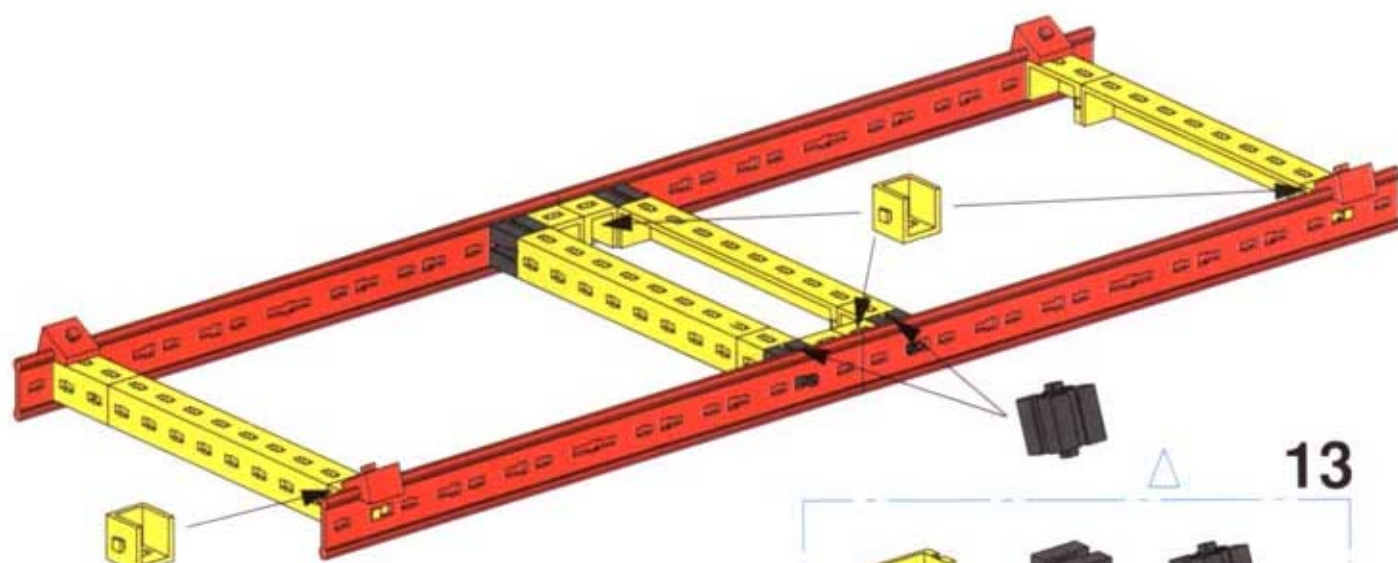




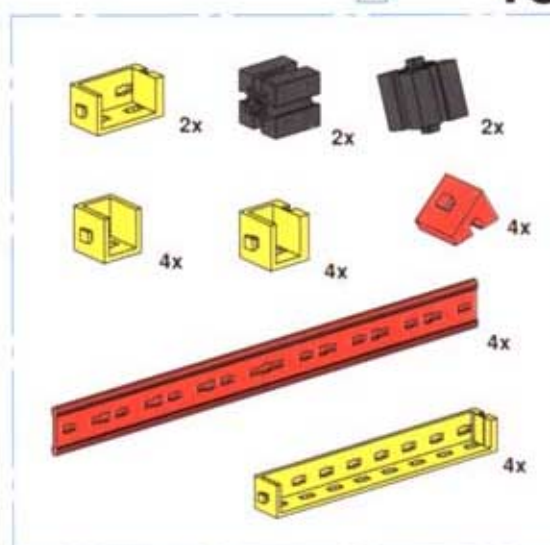
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80mm

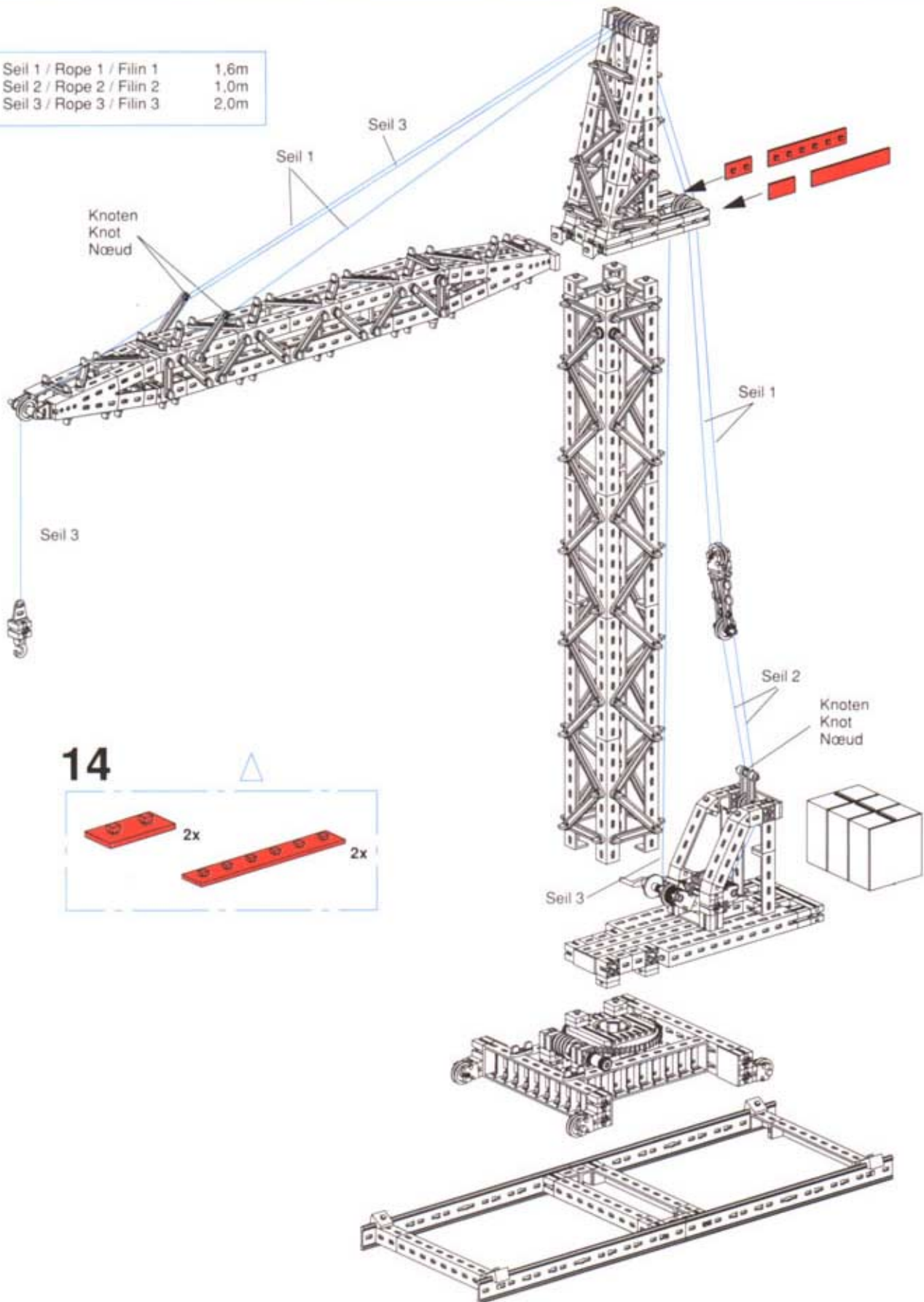


13



Master-Tip: Fertigmodell auf Seite 40 ausklappen  
 Master-tip: open the completed model along side 40  
 Conseil: modèle fini voir page 40

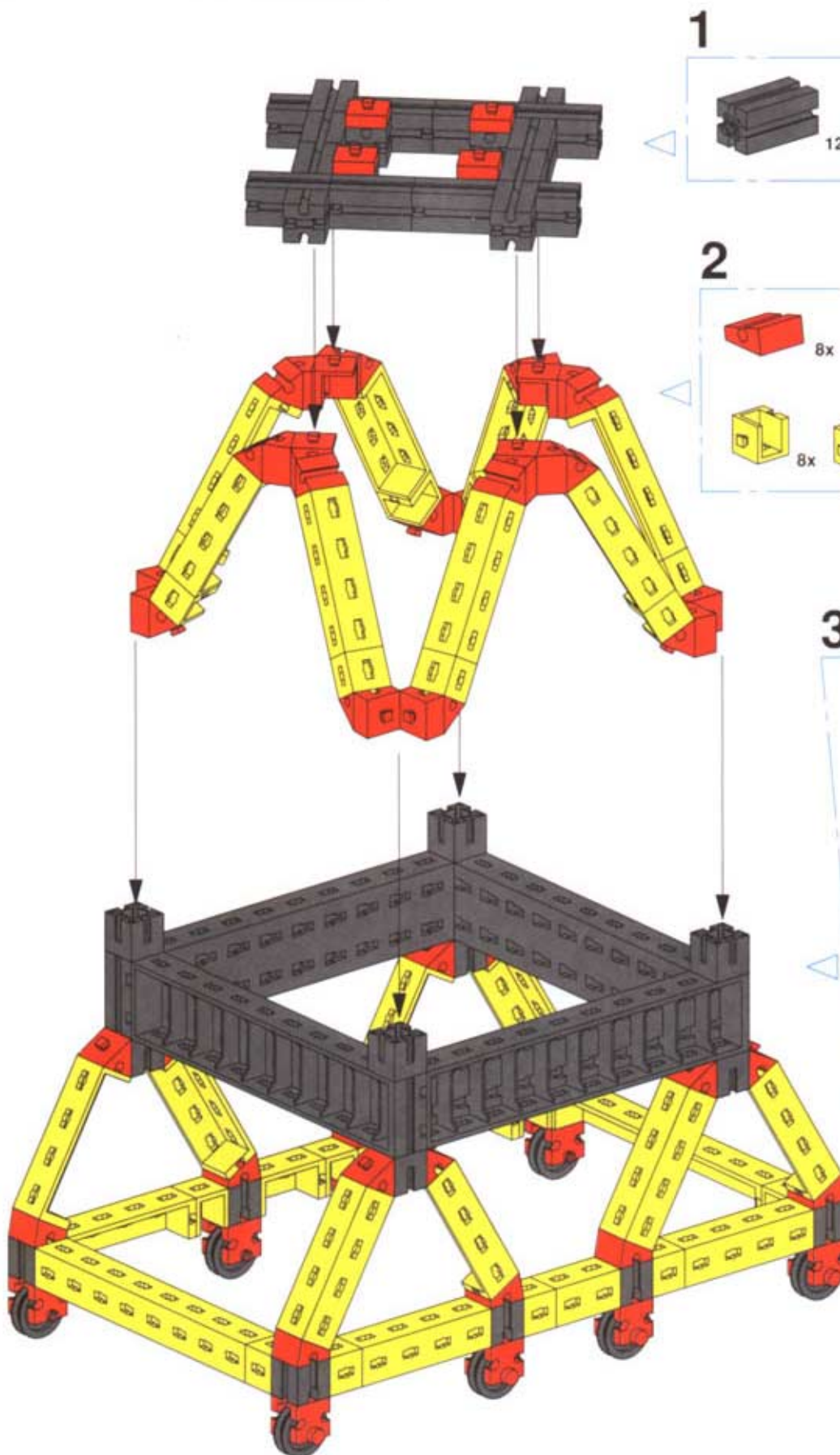
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Seil 2 / Rope 2 / Filin 2	1,0m
Seil 3 / Rope 3 / Filin 3	2,0m



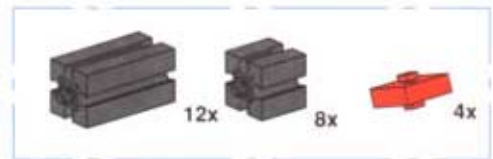


**Molenbaukran**  
**Goliath crane**  
**Grue pour la construction des môles**

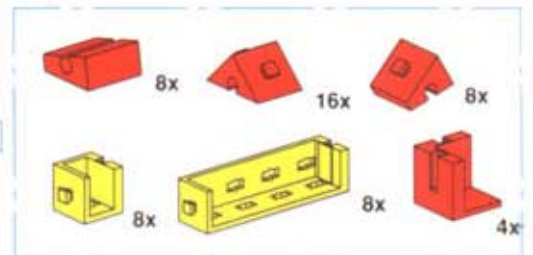
Master-Tip: Fertigmodell auf Seite 39 ausklappen  
 Master-tip: open the completed model along side 39  
 Conseil: modèle fini voir page 39



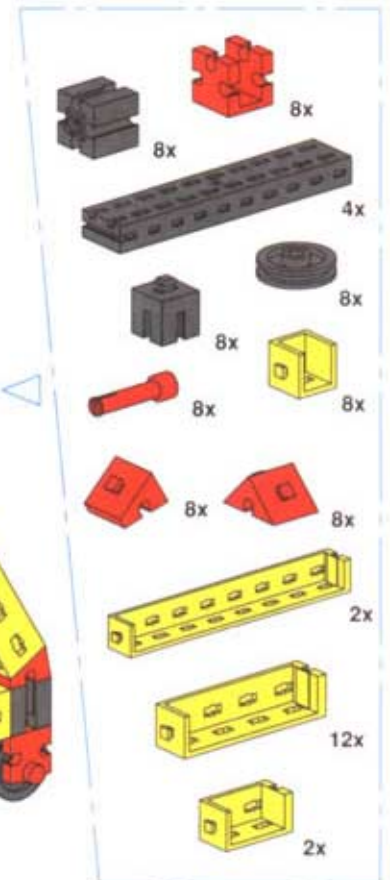
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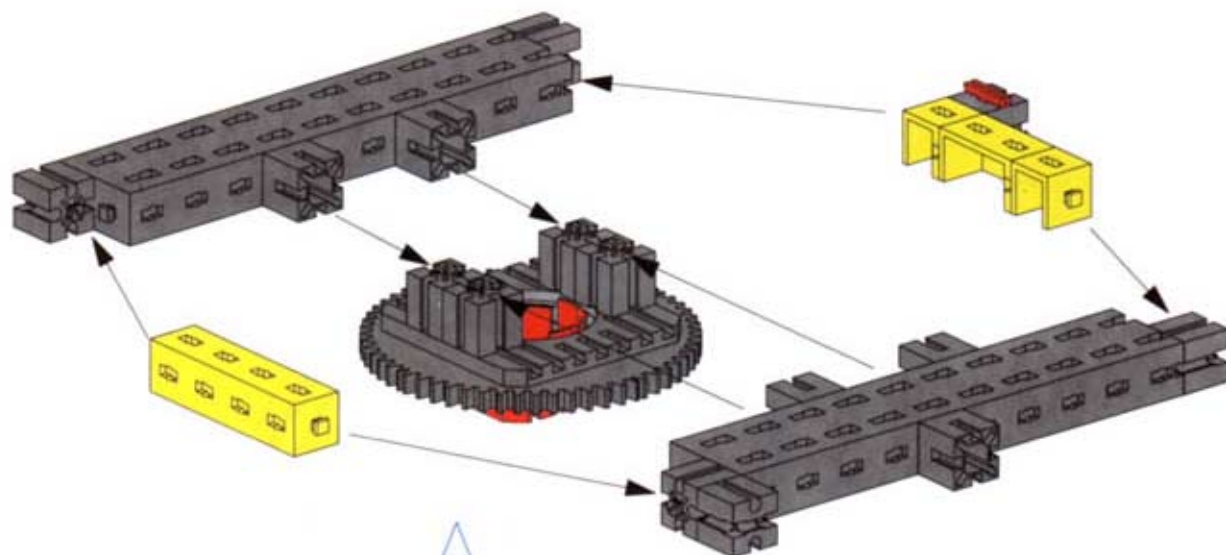
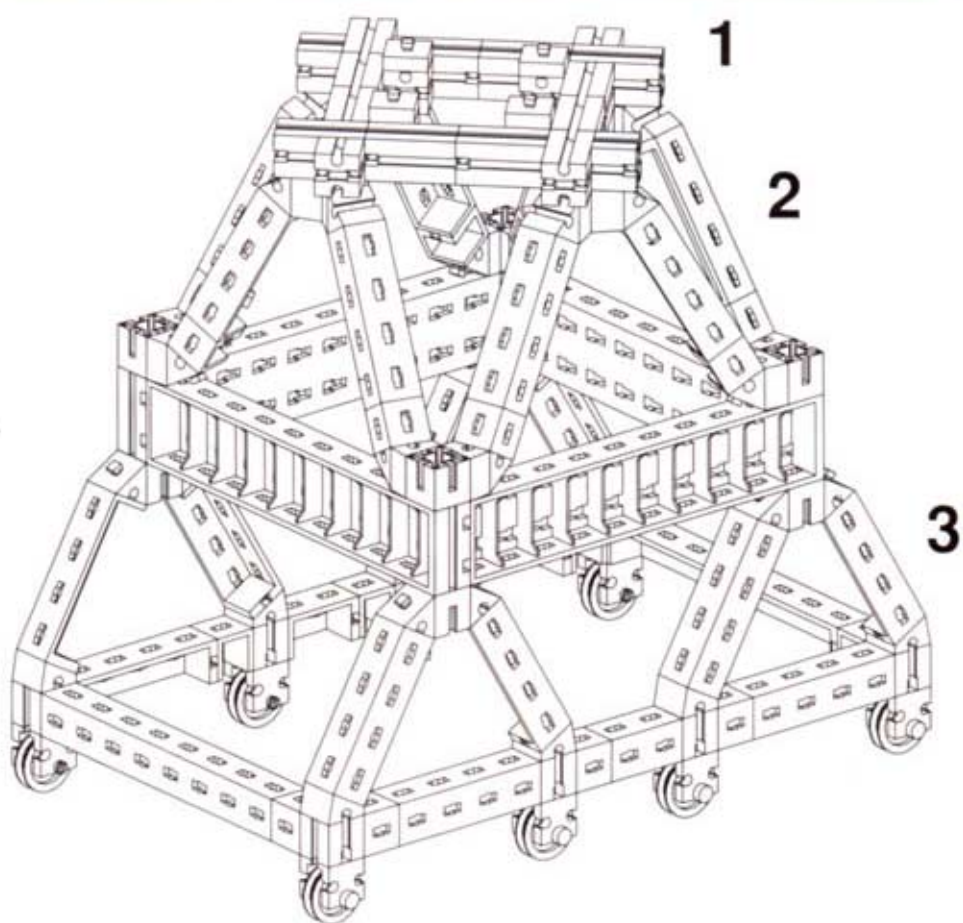


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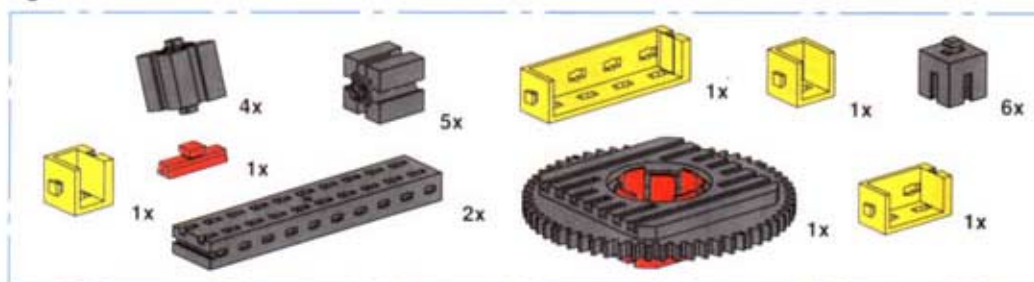


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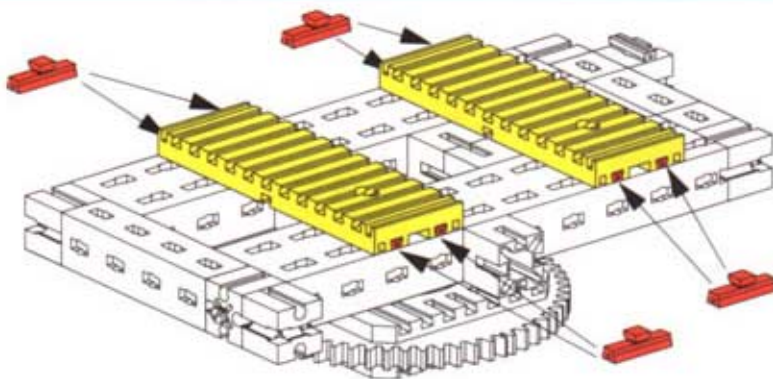




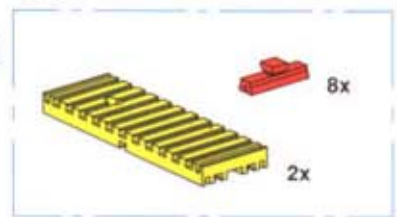
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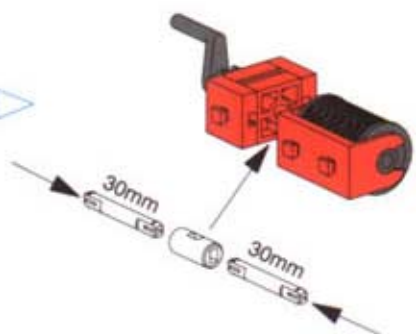
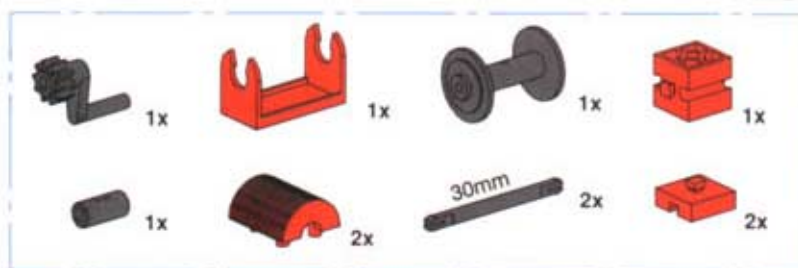




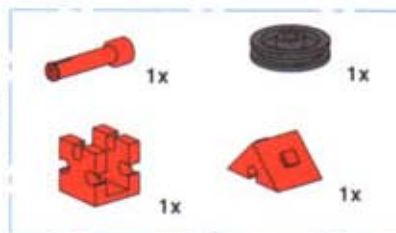
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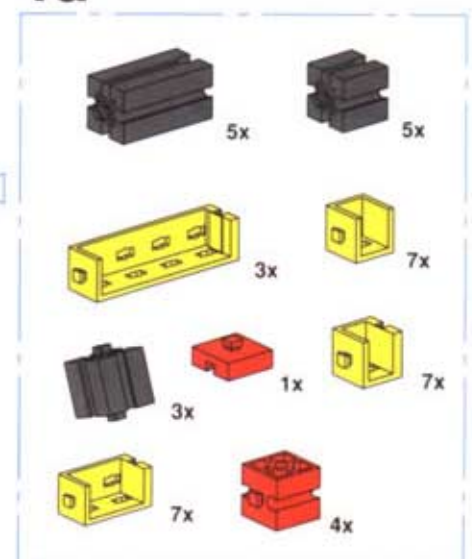
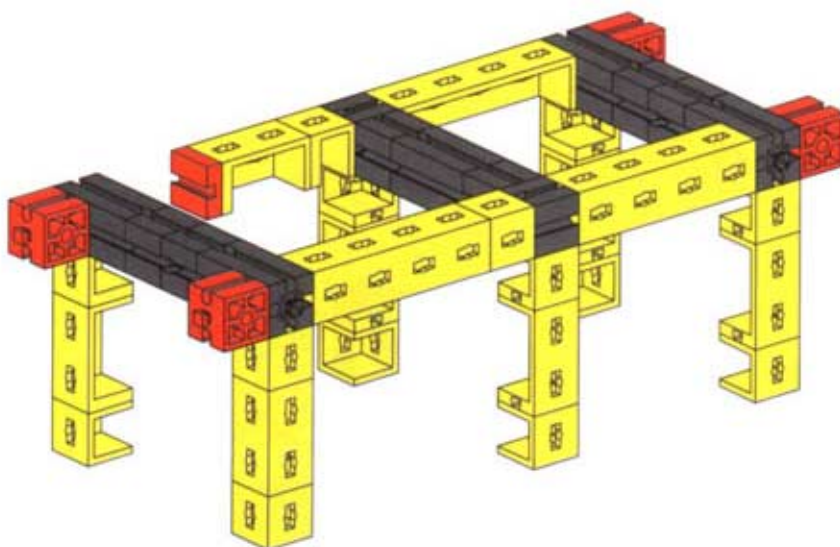
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4c



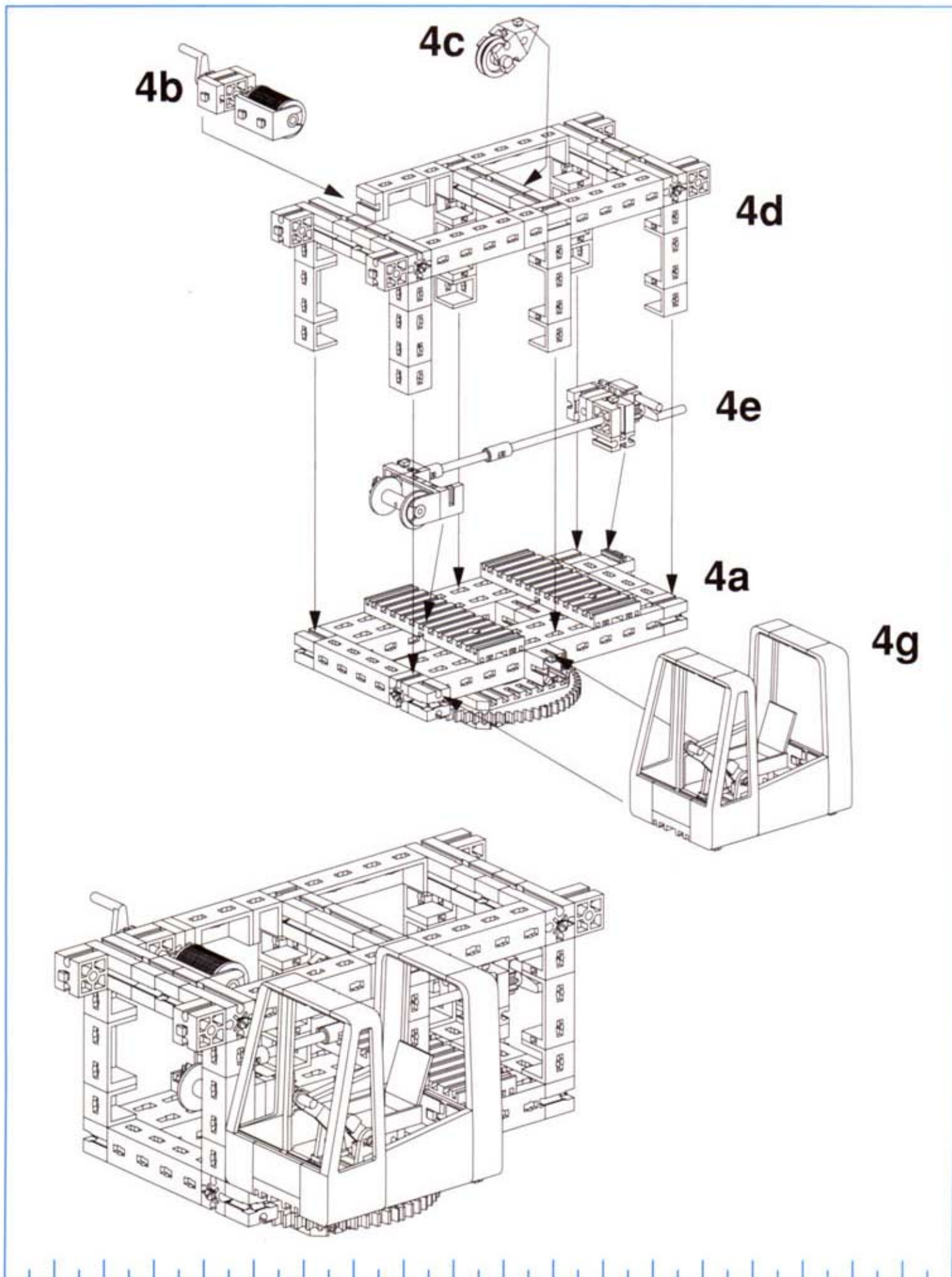
4d

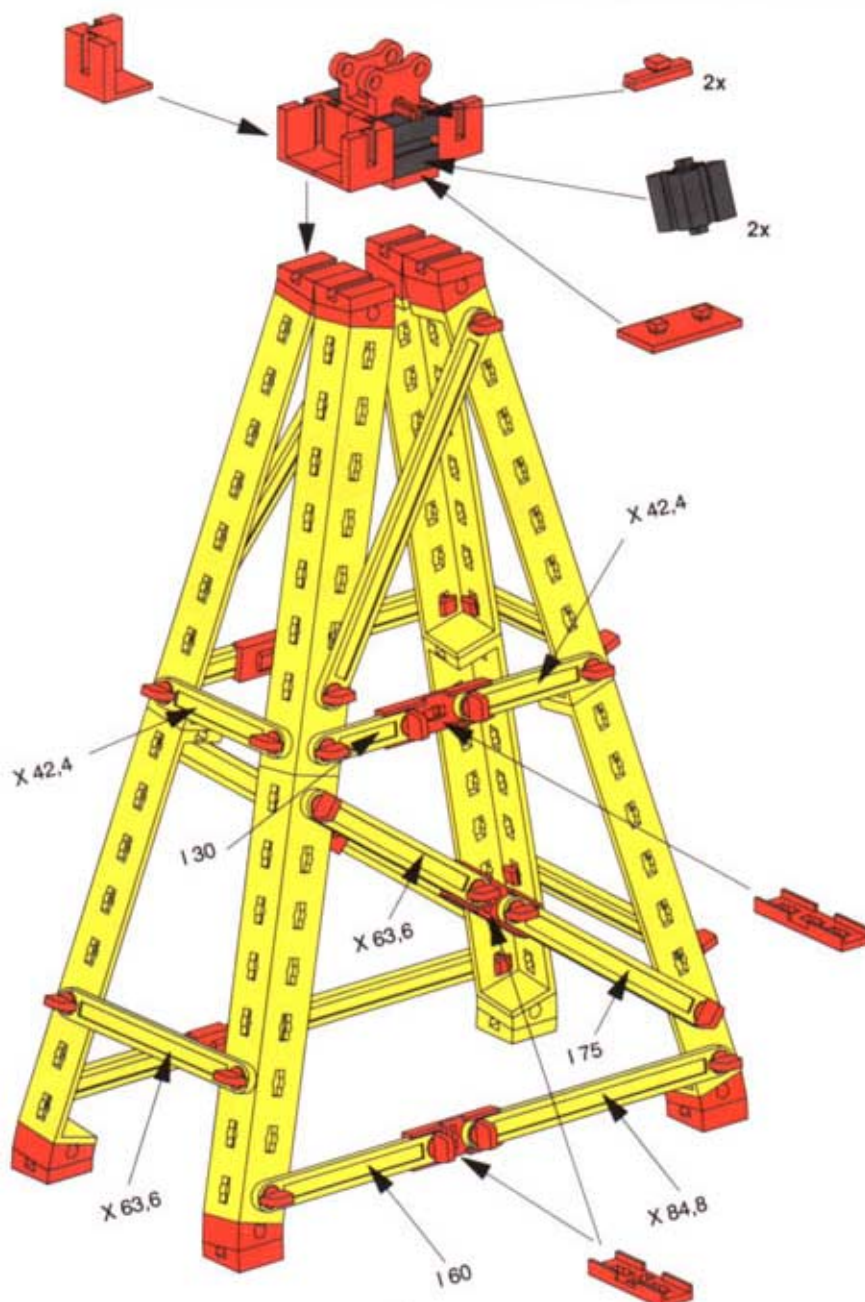


30mm

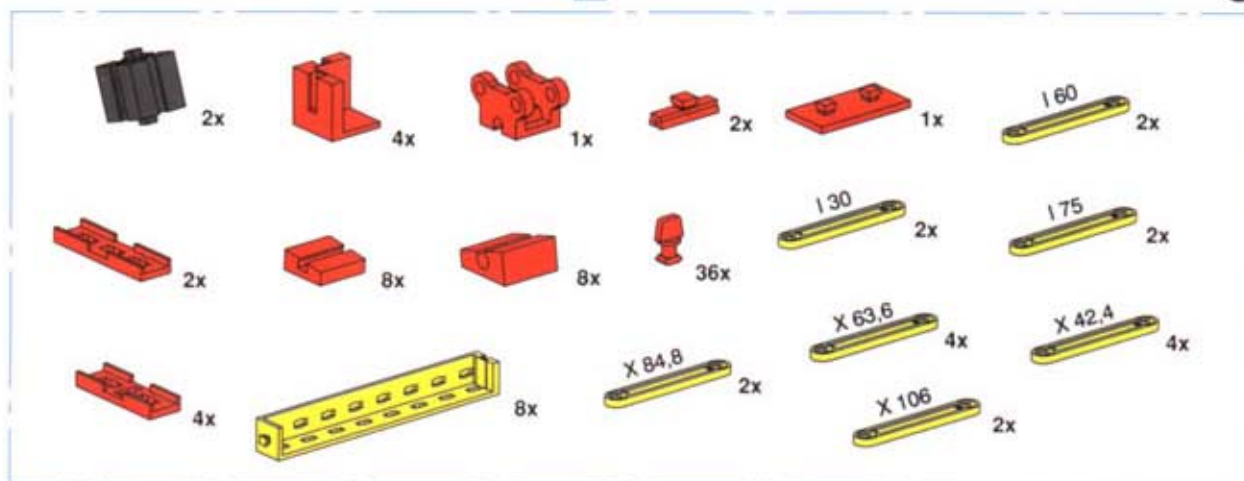






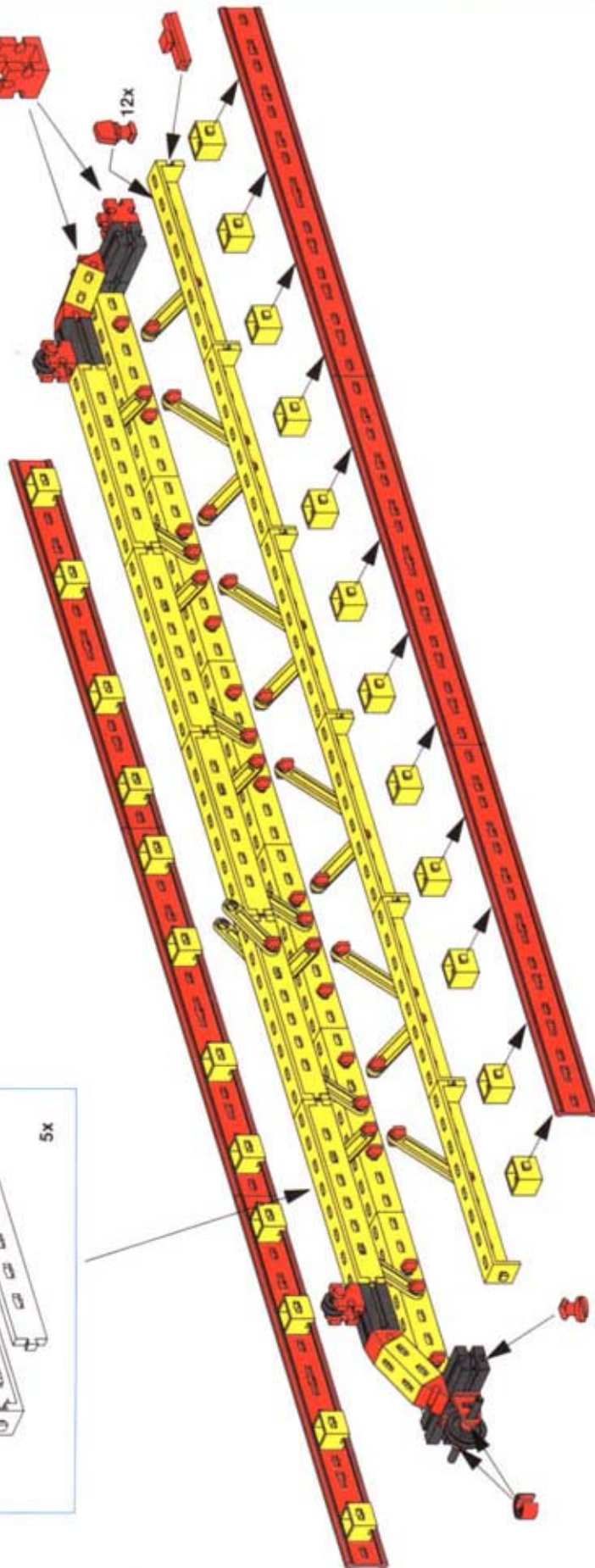
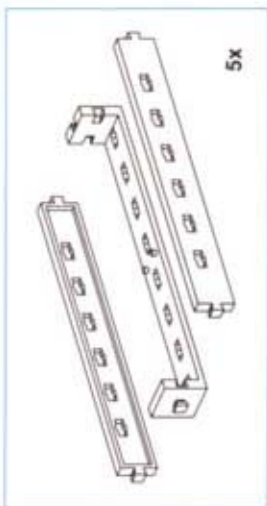


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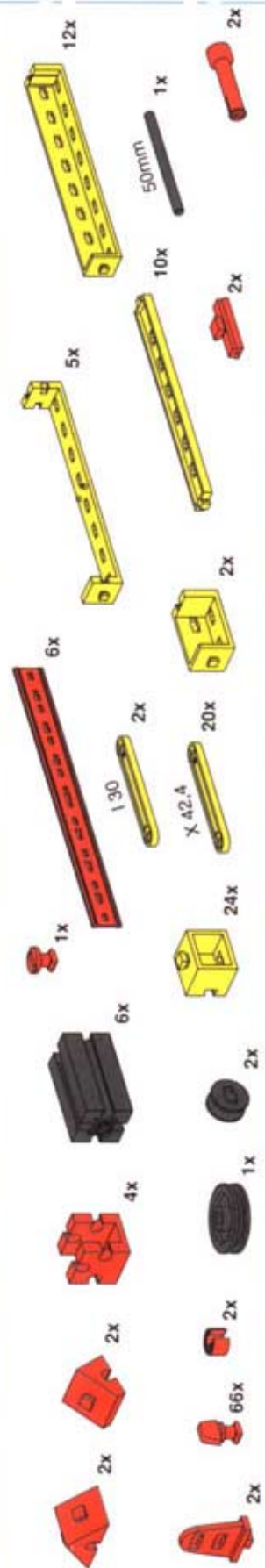


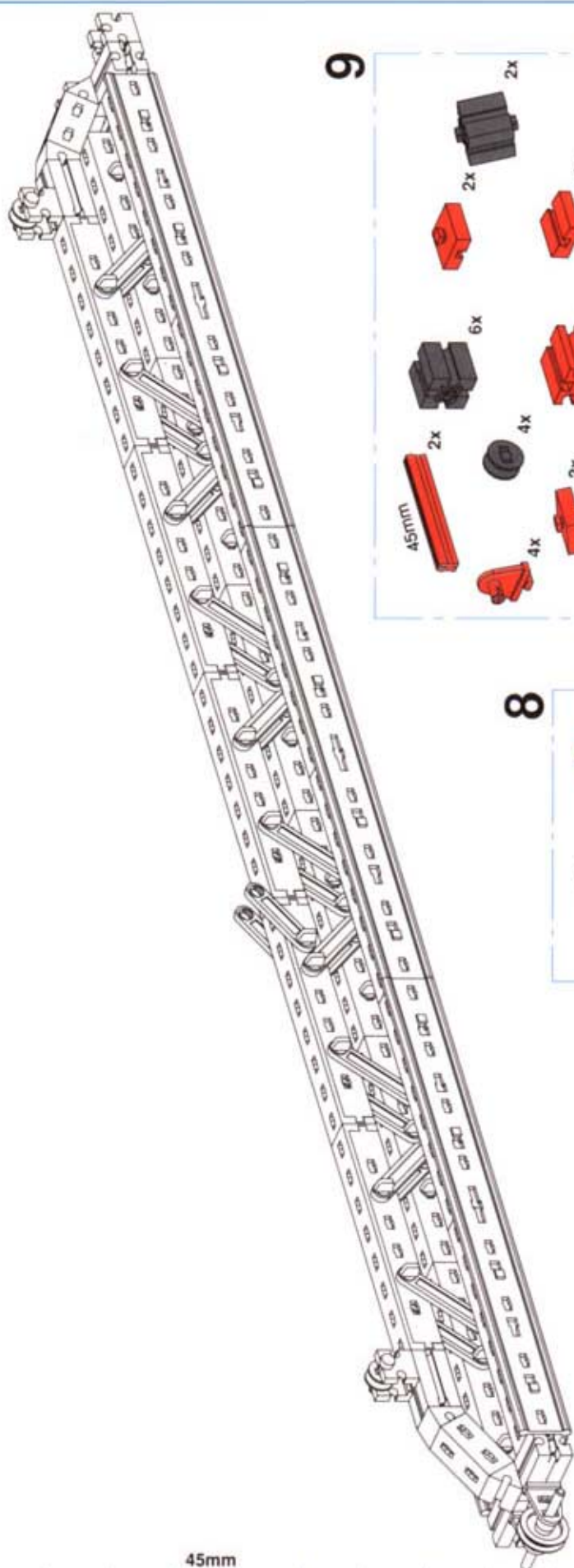


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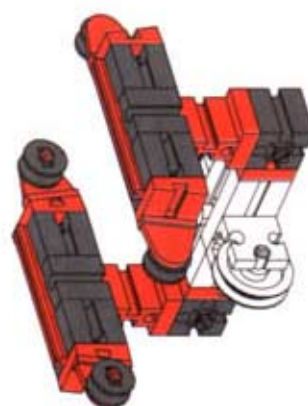
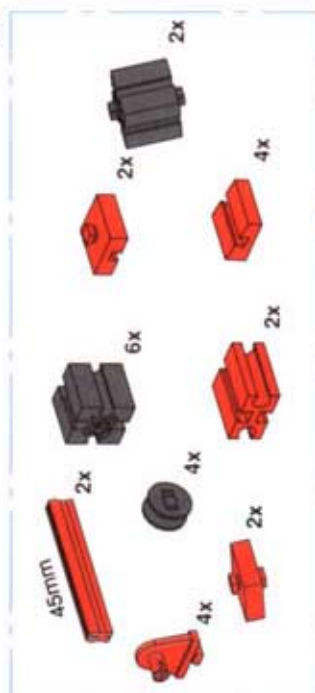


50mm





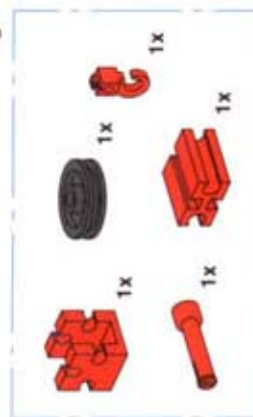
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8



7



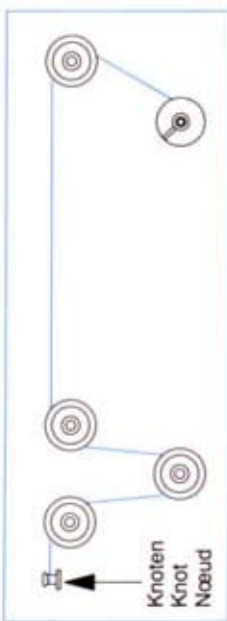
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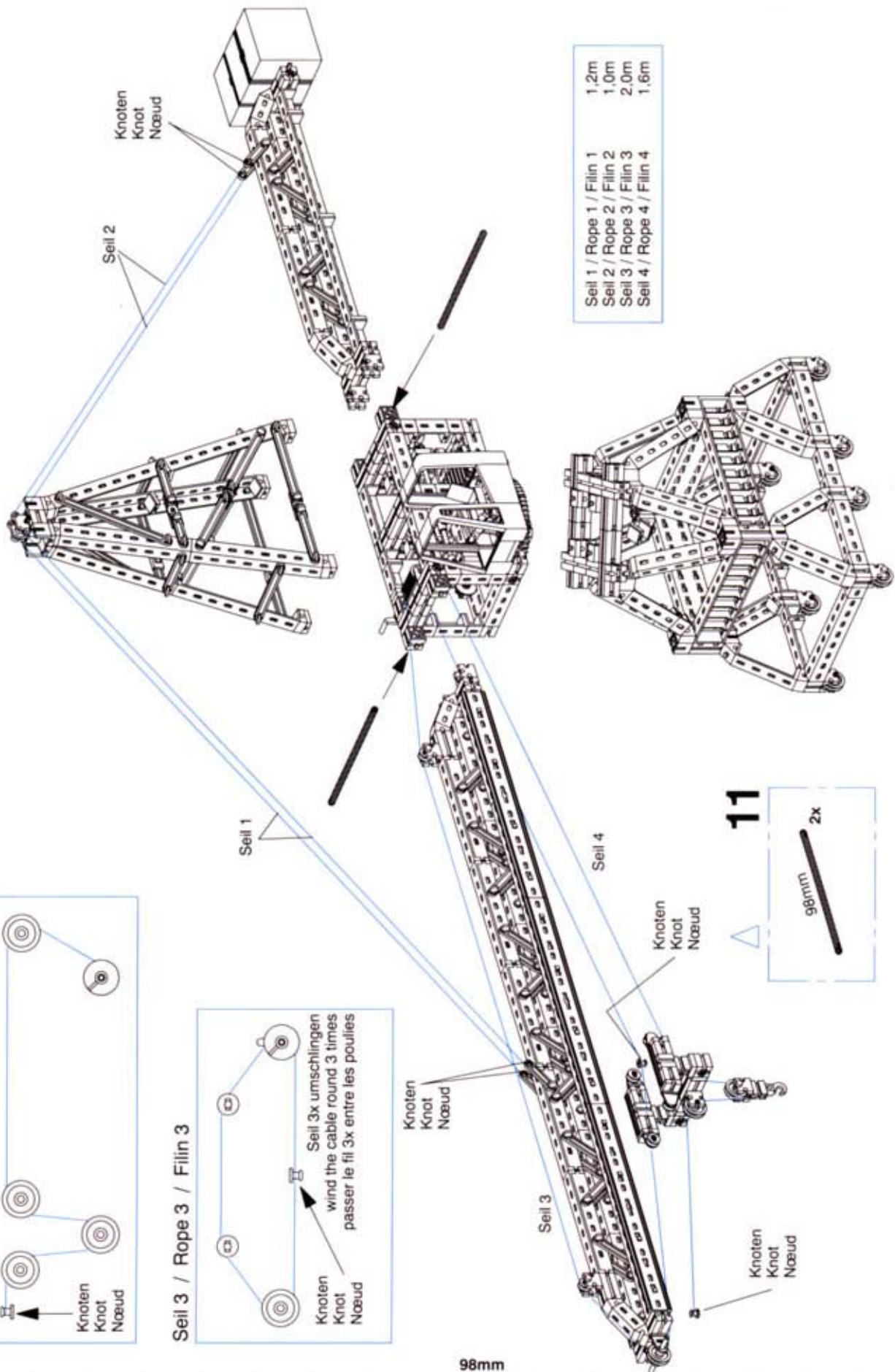
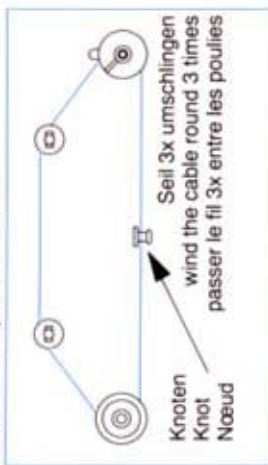


Master-Tip: Fertigmodell auf Seite 39 ausklappen  
 Master-tip: open the completed model along side 39  
 Conseil: modèle fini voir page 39

Seil 4 / Rope 4 / Filin 4



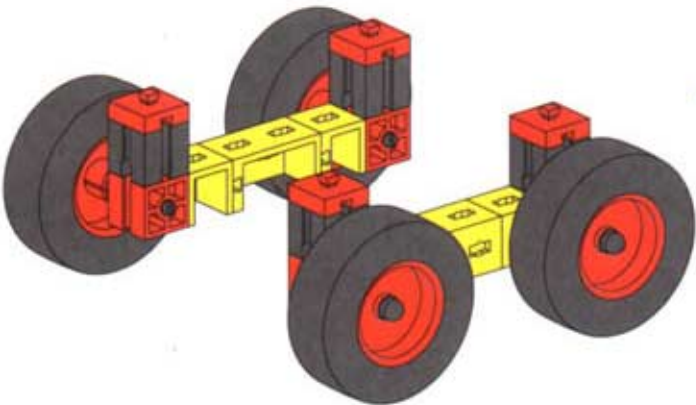
Seil 3 / Rope 3 / Filin 3



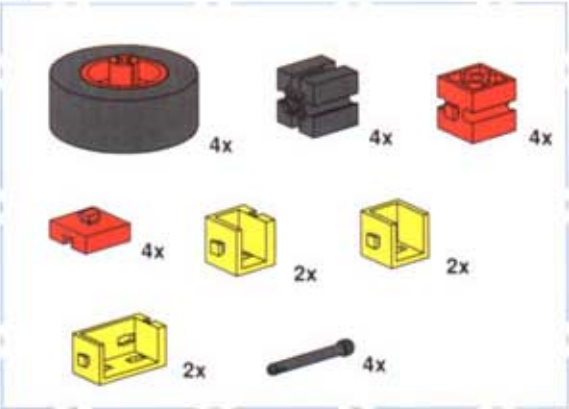
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Seil 2 / Rope 2 / Filin 2	1,0m
Seil 3 / Rope 3 / Filin 3	2,0m
Seil 4 / Rope 4 / Filin 4	1,6m

Schwerlastkran  
Heavy duty crane  
Camion grue

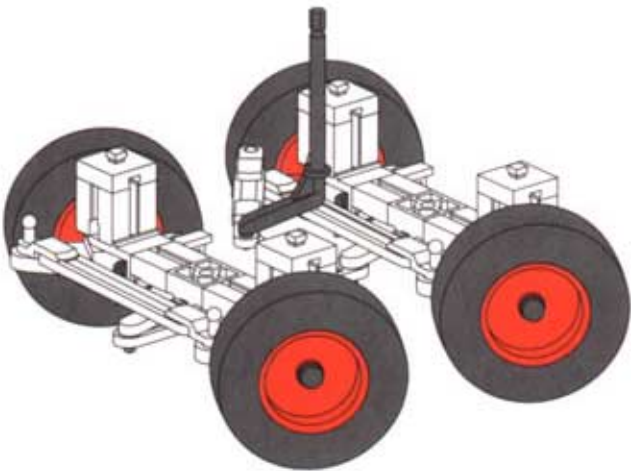
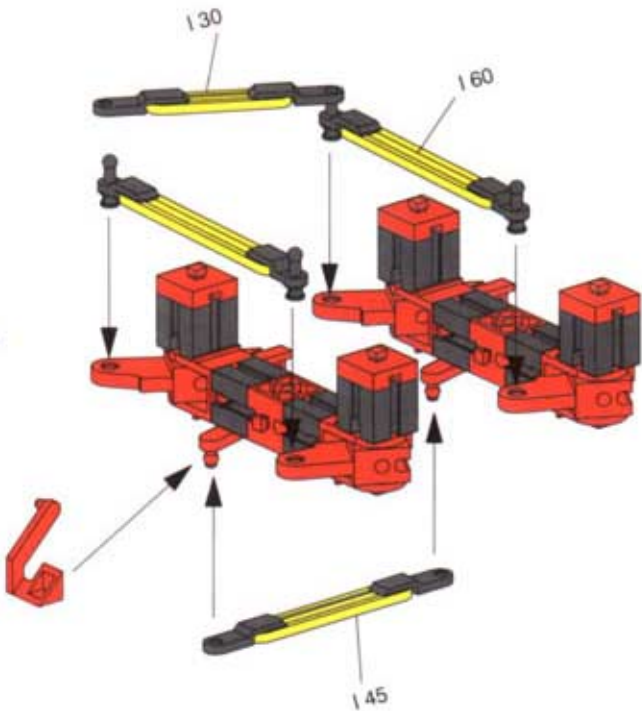
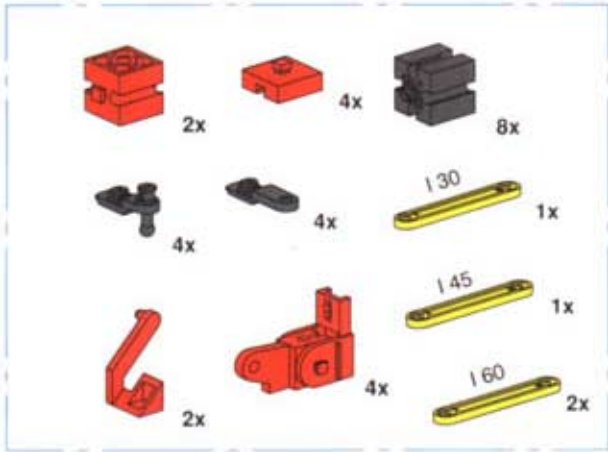
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Master-tip: open the completed model along side 38  
Conseil: modèle fini voir page 38



1



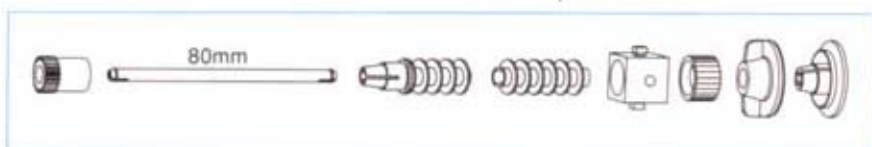
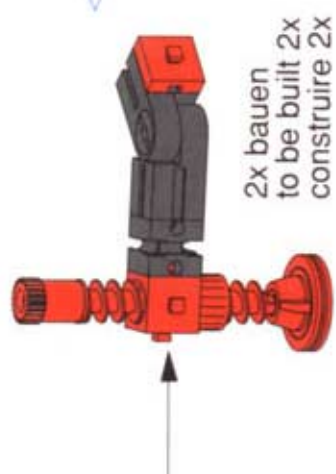
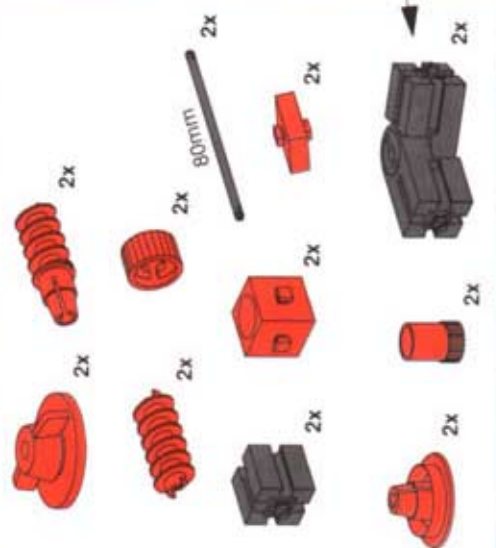
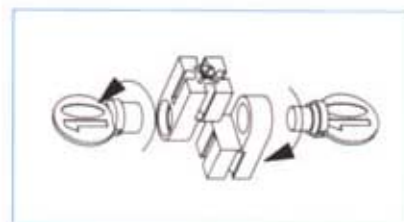
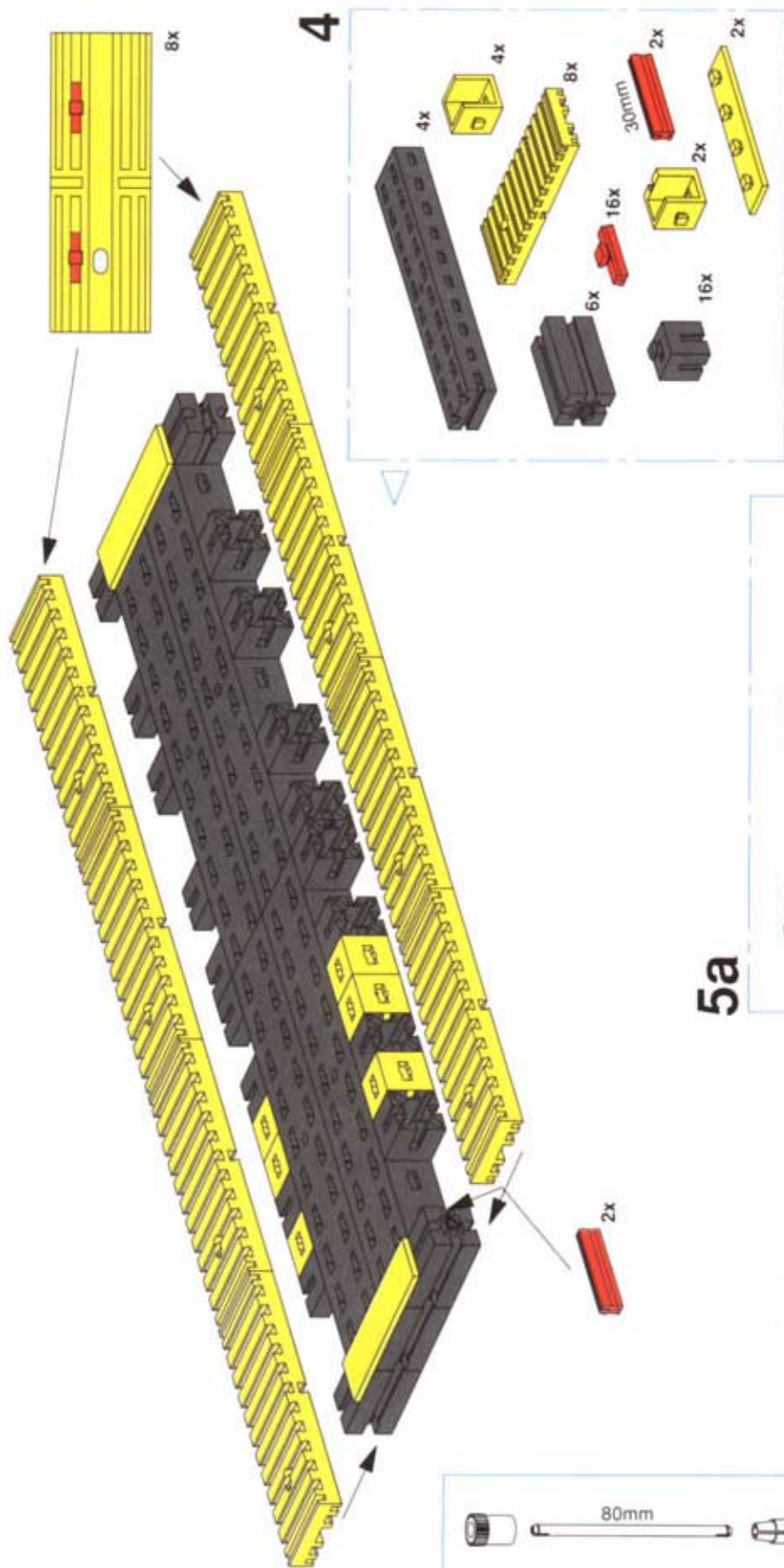
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3





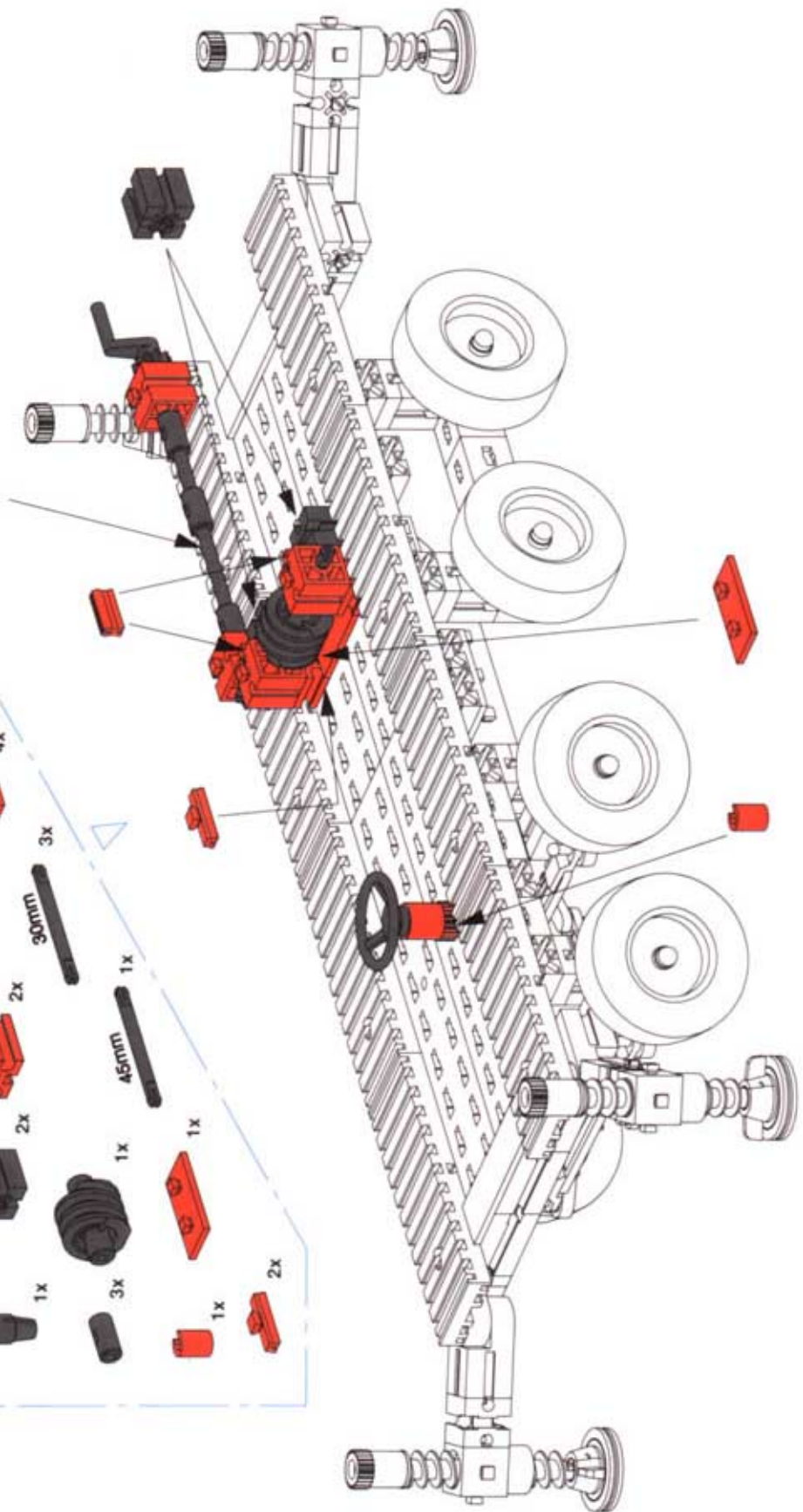
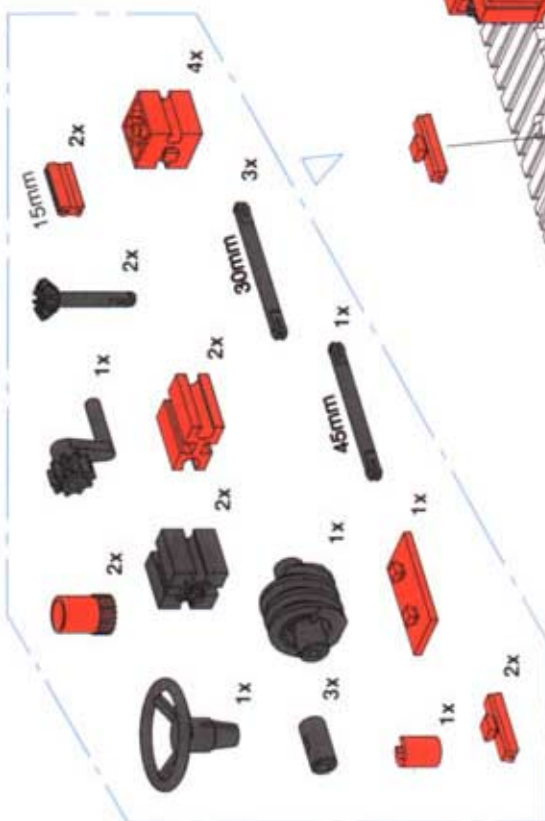








7

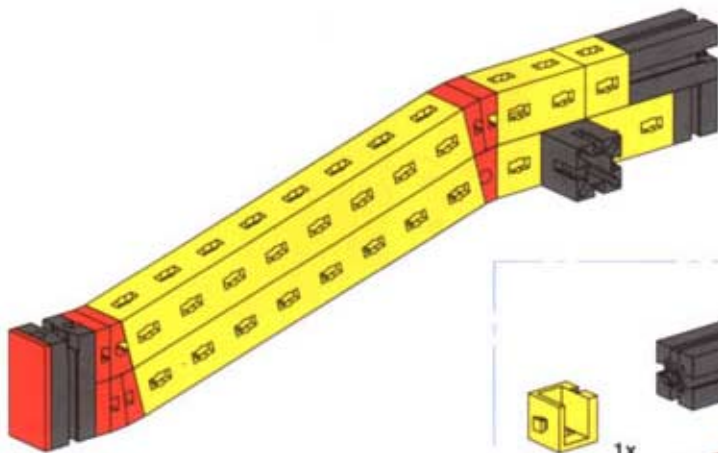


15mm 30mm 45mm

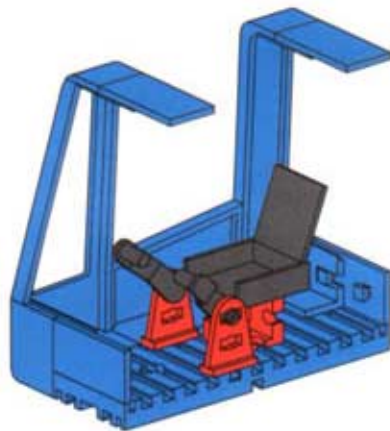
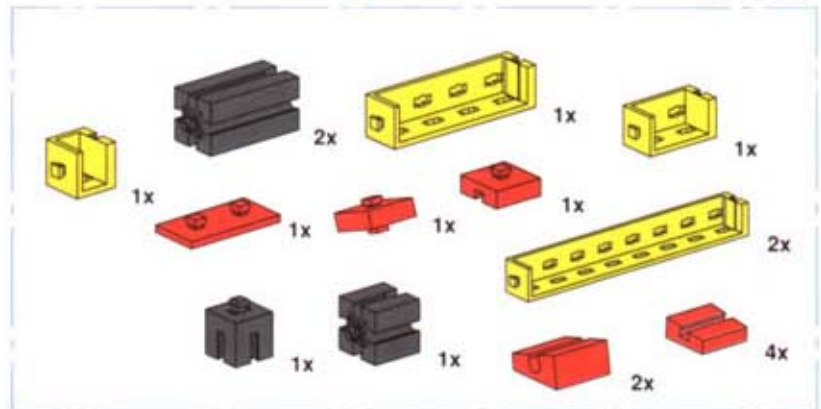




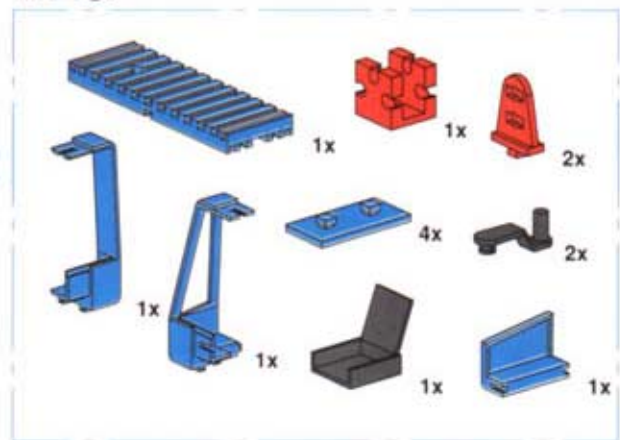




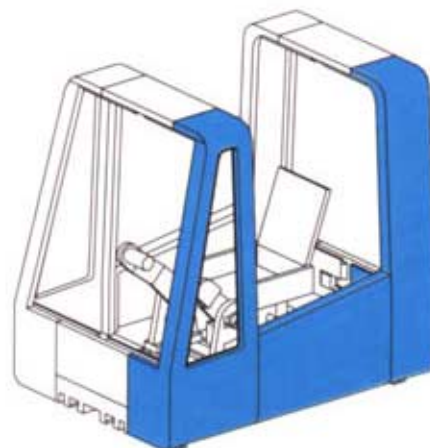
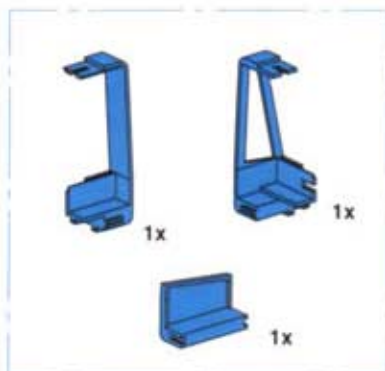
11b



12a

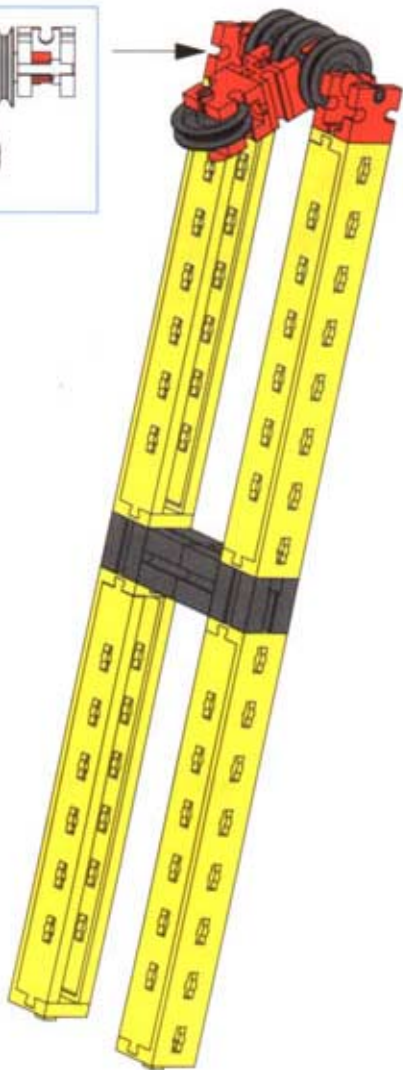
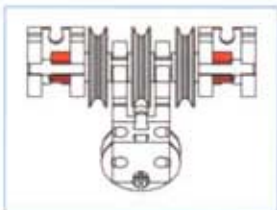


12b

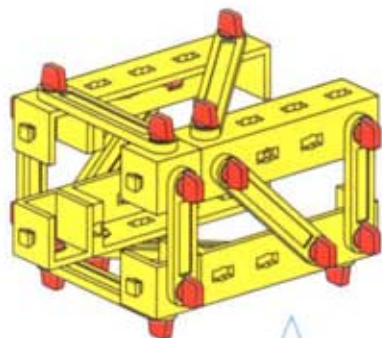
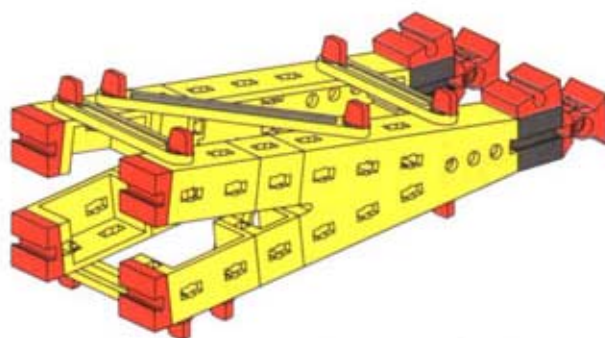
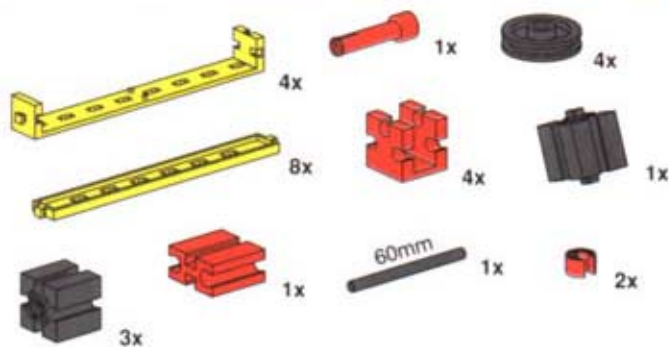




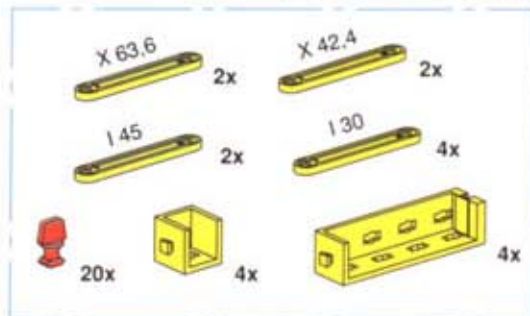




14

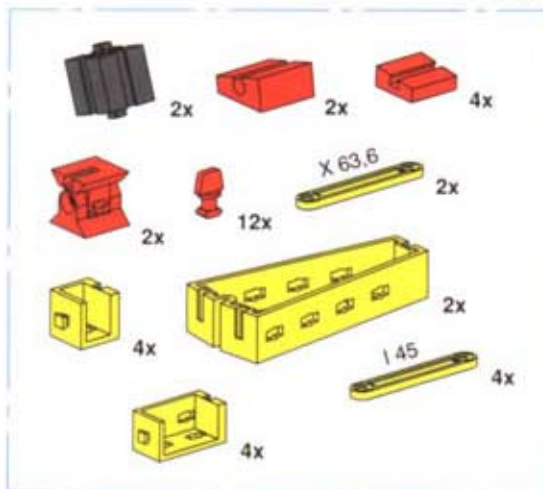


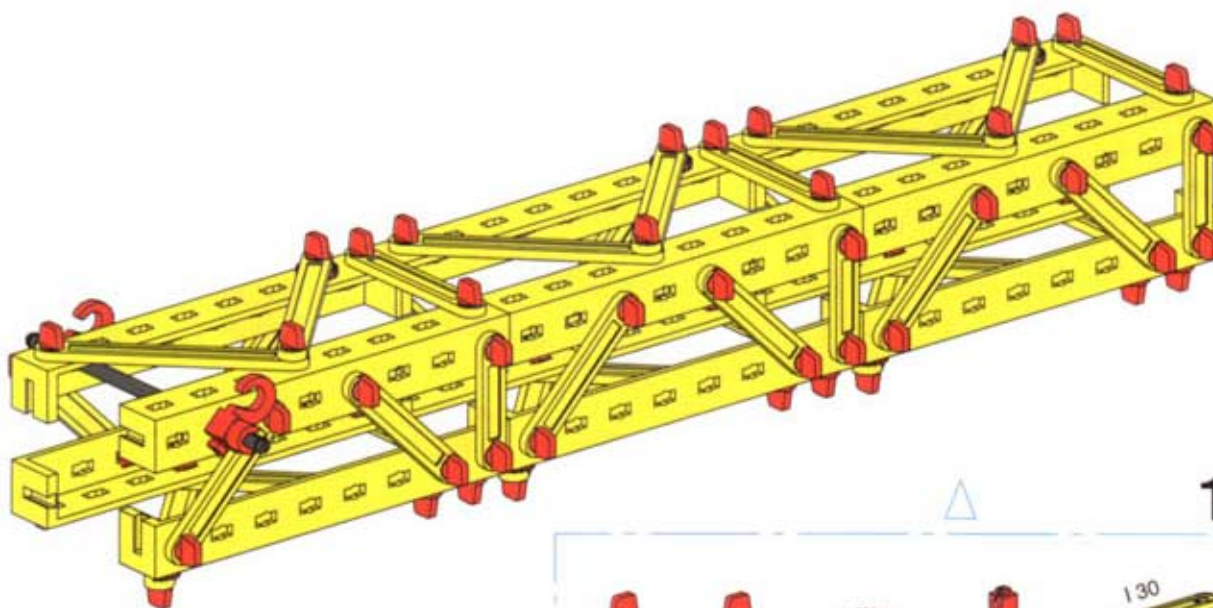
15b



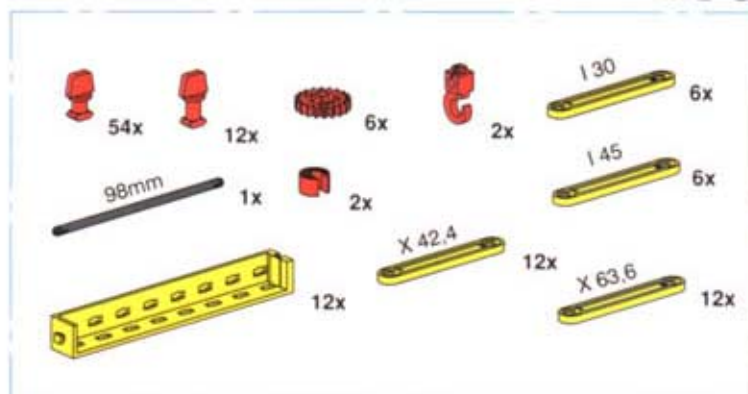
60mm

15a

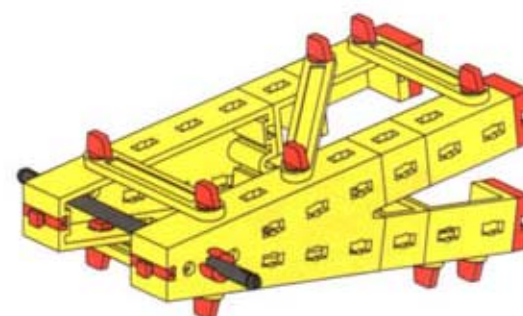
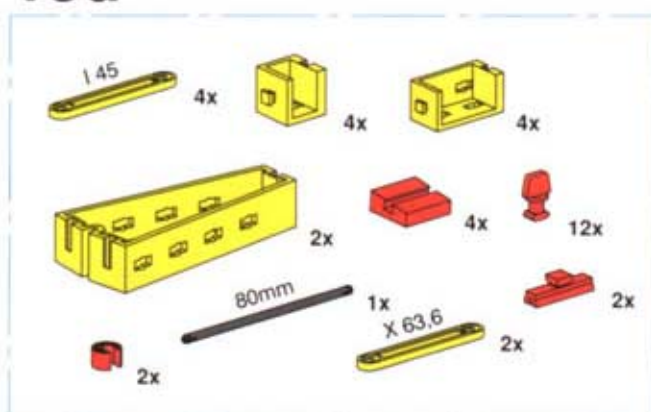




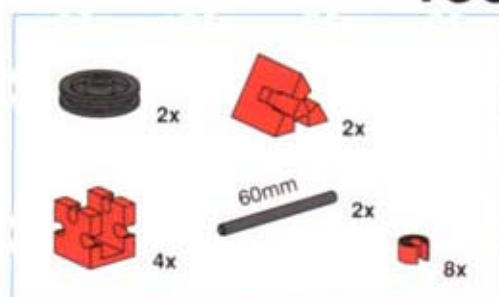
15c



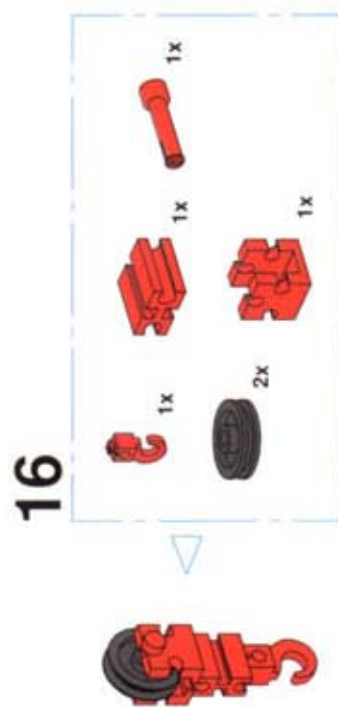
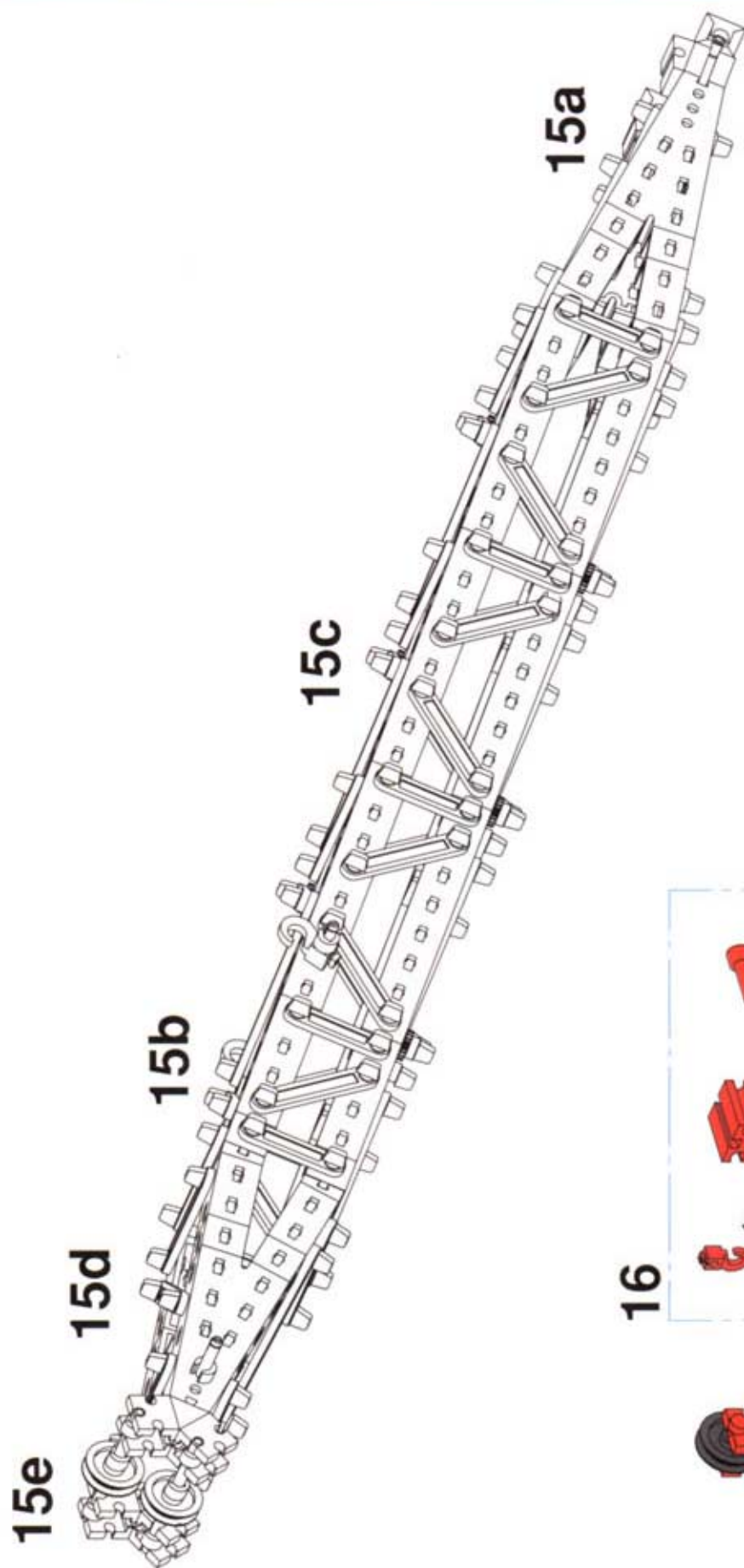
15d



15e

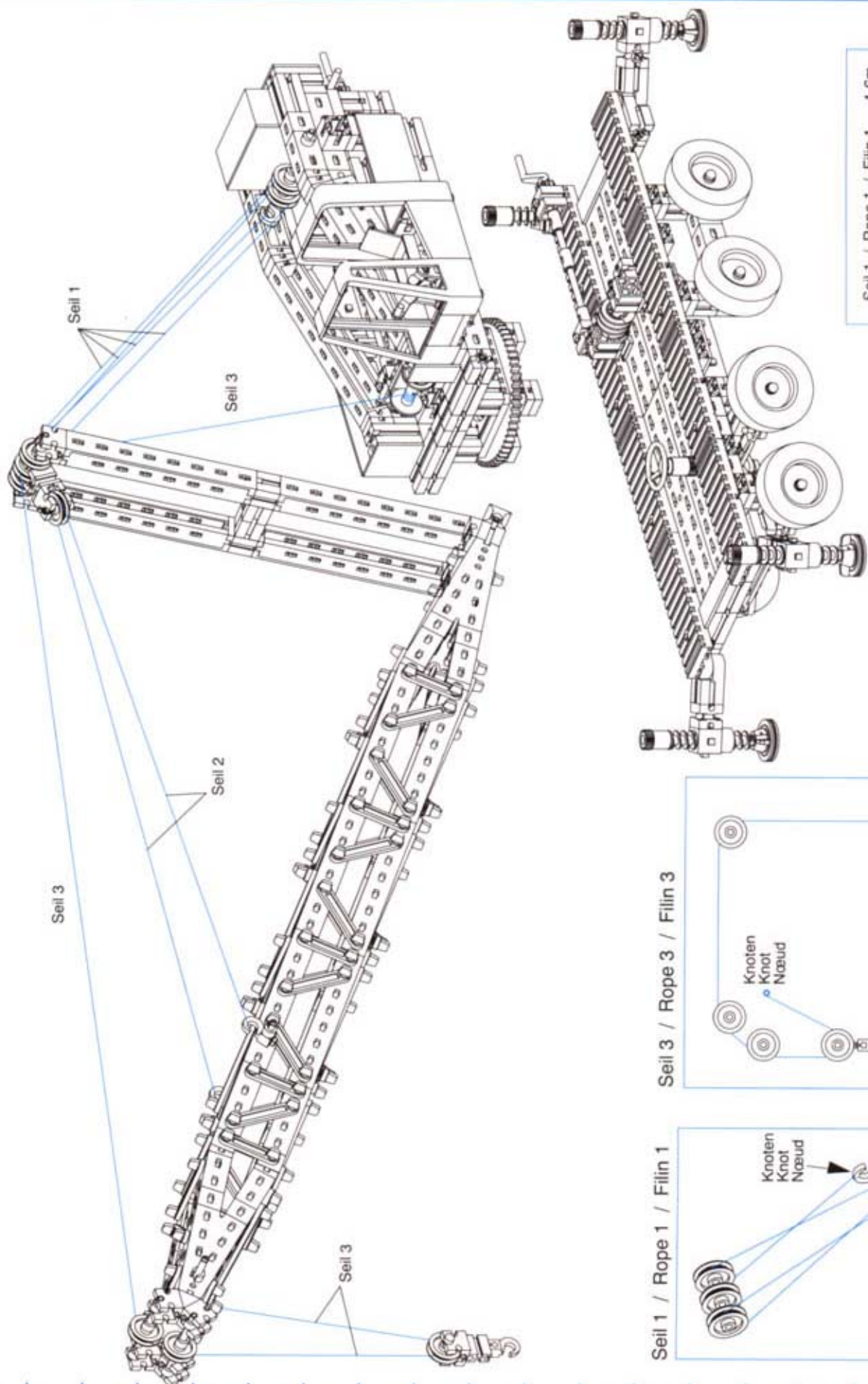


60mm 80mm 98mm



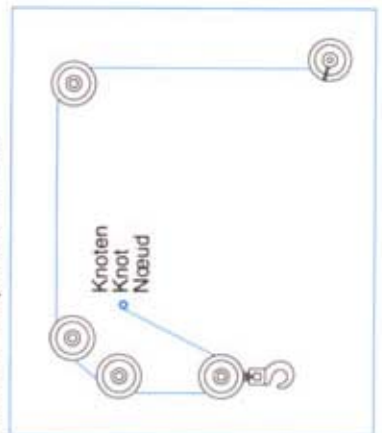


Master-Tip: Fertigmodell auf Seite 38 ausklappen  
 Master-tip: open the completed model along side 38  
 Conseil: modèle fini voir page 38

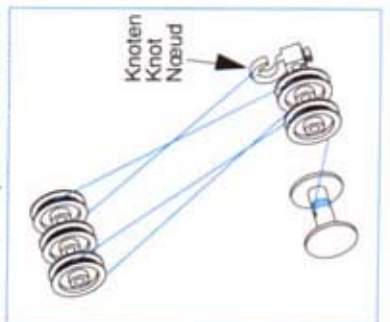


Seil 1 / Rope 1 / Filin 1 1,6m  
 Seil 2 / Rope 2 / Filin 2 1,0m  
 Seil 3 / Rope 3 / Filin 3 2,0m

Seil 3 / Rope 3 / Filin 3



Seil 1 / Rope 1 / Filin 1



## Baukran–Motorisierung Motor unit for construction crane Motorisation de la grue

Vorschlag zum Ausbau mit Motoren und Getrieben  
Suggestions for further building with motors and gears  
Propositions pour l'extension avec des moteurs et engrenages

Motor, Getriebe und Powerblock sind Inhalt von Motormaster 30302 oder Masterplus Motorisierung 30310

Motor, gears and Powerblock are included in Motormaster 30302 or Masterplus Motorization 30310

Moteur, engrenage et boîtier à accus sont contenus dans Motormaster 30302 où Masterplus Motorisation 30310

Die Drehkranzmotorisierung ist im Fachhandel unter folgenden Bestellnummern erhältlich:

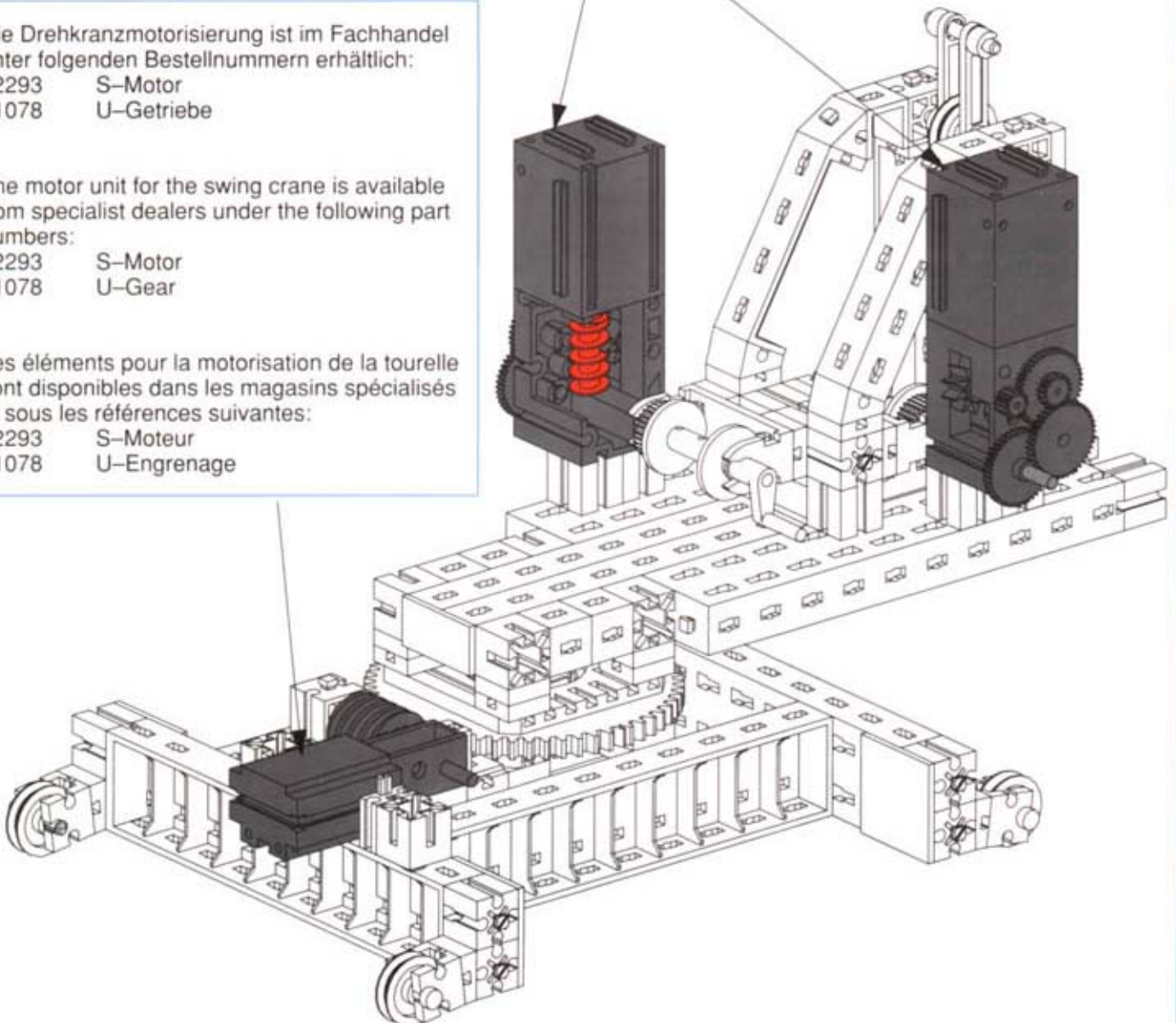
32293 S-Motor  
31078 U-Getriebe

The motor unit for the swing crane is available from specialist dealers under the following part numbers:

32293 S-Motor  
31078 U-Gear

Les éléments pour la motorisation de la tourelle sont disponibles dans les magasins spécialisés et sous les références suivantes:

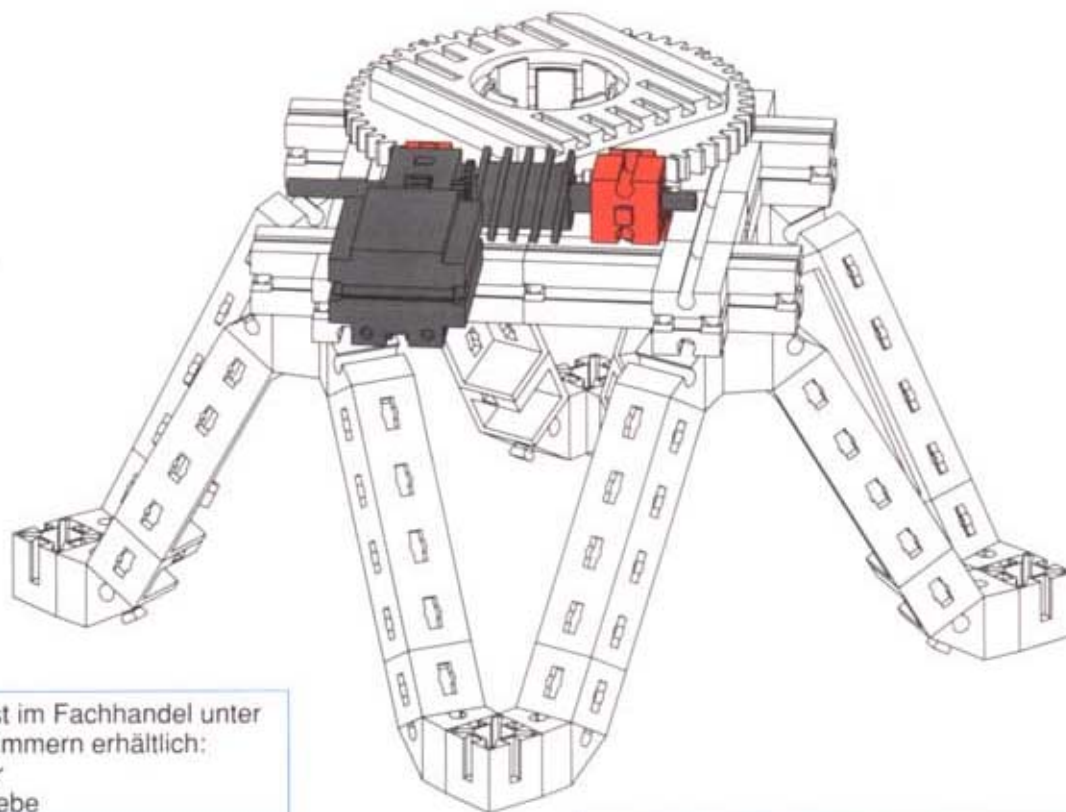
32293 S-Moteur  
31078 U-Engrenage





## Molenbaukran–Motorisierung Motor–unit for Goliath crane Motorisation de la grue à môle

Vorschlag zum Ausbau mit Motoren und Getrieben  
Suggestions for further building with motors and gears  
Propositions pour l'extension avec des moteurs et engrenages



Die Motorisierung ist im Fachhandel unter folgenden Bestellnummern erhältlich:

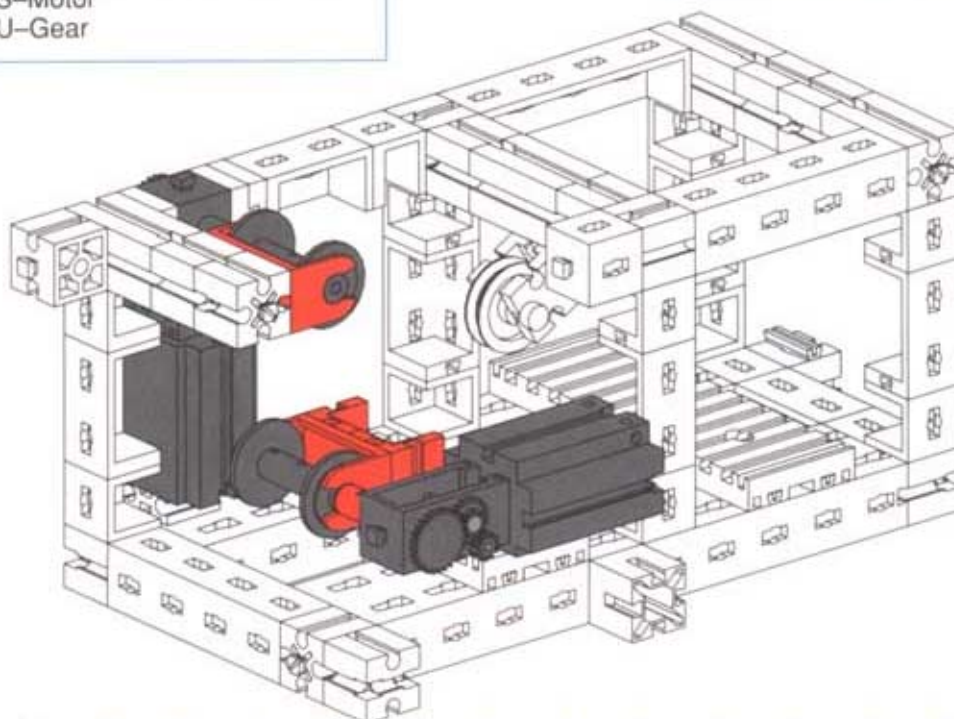
32293 S-Motor  
31078 U-Getriebe

The motor unit is available from specialist dealers under the following part numbers:

32293 S-Motor  
31078 U-Gear

Les éléments pour la motorisation sont disponibles dans les magasins spécialisés et sous les références suivantes:

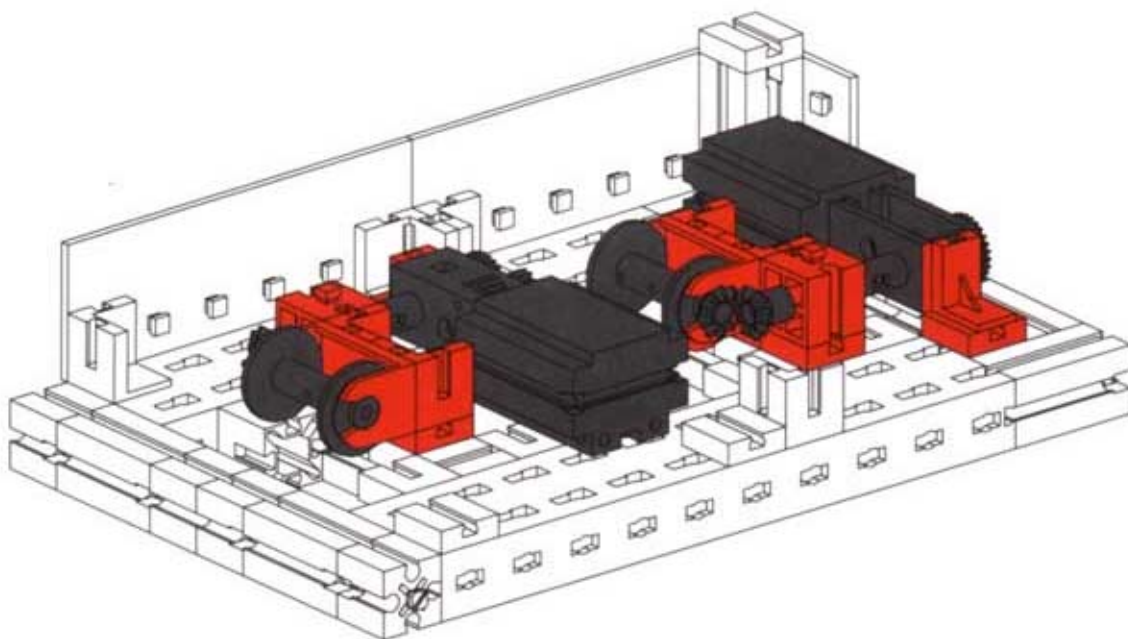
32293 S-Moteur  
31078 U-Engrenage





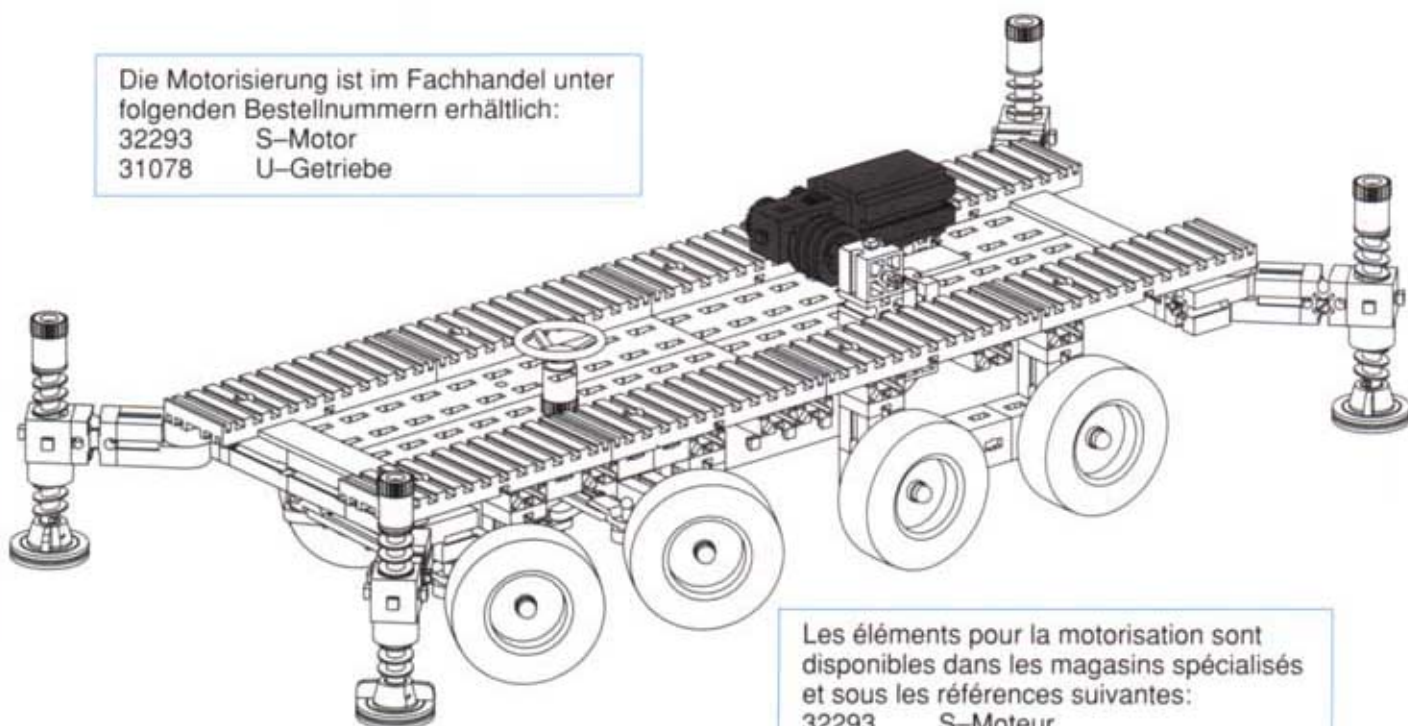
# Schwerlastkran-Motorisierung Motor-unit for heavy duty crane Motorisation du camion grue

Vorschlag zum Ausbau mit Motoren und Getrieben  
Suggestions for further building with motors and gears  
Propositions pour l'extension avec des moteurs et engrenages



Die Motorisierung ist im Fachhandel unter folgenden Bestellnummern erhältlich:

32293	S-Motor
31078	U-Getriebe

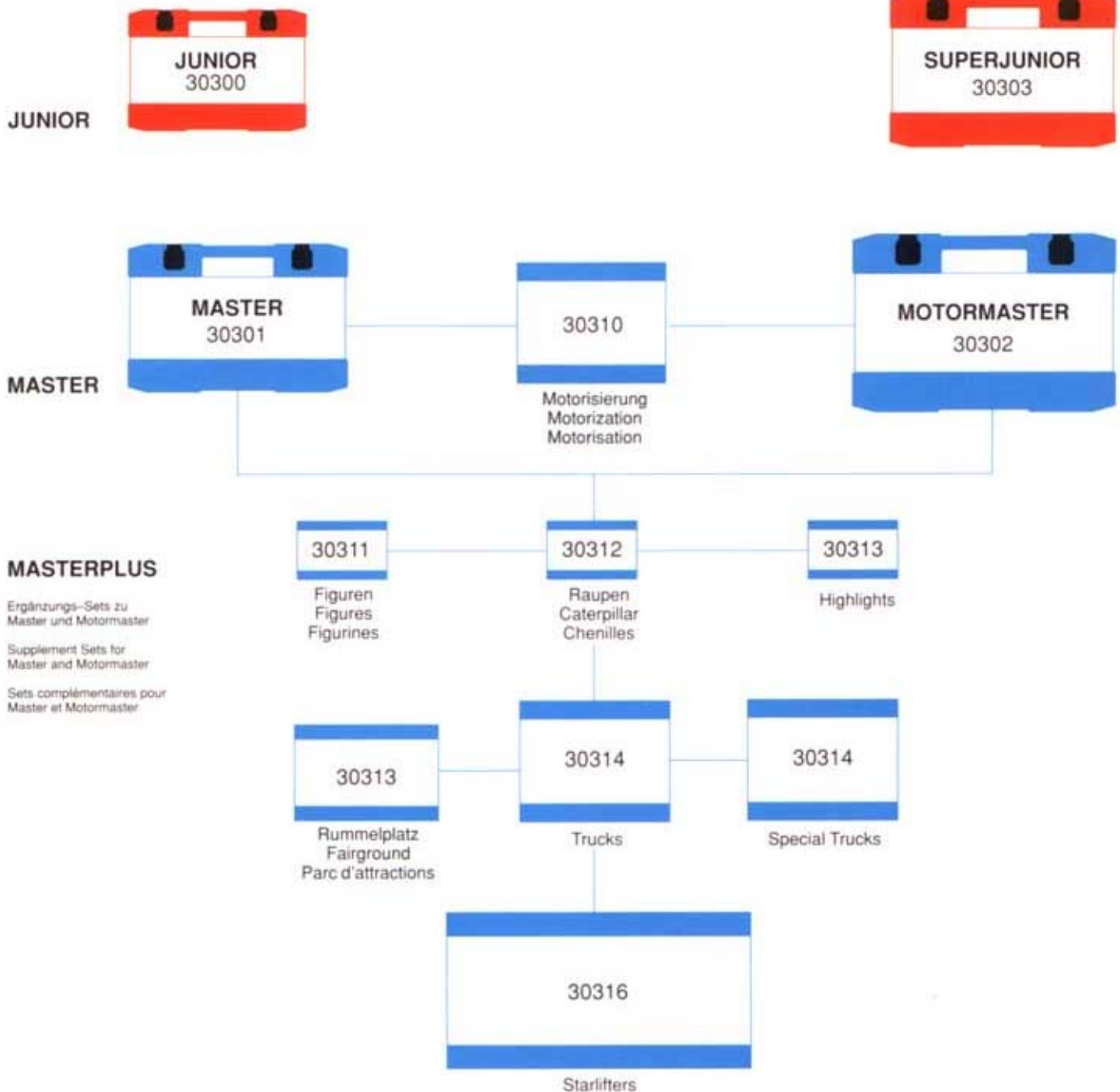


Les éléments pour la motorisation sont disponibles dans les magasins spécialisés et sous les références suivantes:

32293	S-Moteur
31078	U-Engrenage

The motor unit is available from specialist dealers under the following part numbers:

32293	S-Motor
31078	U-Gear



In Vorbereitung / Coming soon / En préparation





Schwerlastkran  
Heavy duty crane  
Camion grue



Molenbaukran  
Goliath crane  
Grue pour la construction des môles





**Baukran**  
**Crane**  
**Grue**

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