



fischertechnik 

PROFI

Bauanleitung
Assembly instruction
Instructions de montage
Bouwhandleiding
Instrucciones de construcción
Manual de montagem
Istruzioni di montaggio
Инструкция по сборке
安装说明书



Didactic Information

www.fischertechnik-eLearning.com

free download ↓



**eLearning
Portal**

Dynamic XL

8 MODELS
8 MODELS



- Mit dem fischertechnik eLearning Portal geben wir Ihnen die Möglichkeit, noch mehr Hintergrundwissen zum Thema des Baukastens zu erhalten. Dabei stehen Ihnen didaktische Inhalte sowie technische Hintergrundinformationen, lehrreiche Begleitinformationen, Videos, Dokumentationen und vieles mehr zur Verfügung. Über **www.fischertechnik-elearning.com** gelangen Sie direkt zum eLearning Portal. Wir wünschen viel Spaß beim spielerischen Lernen und Entdecken mit fischertechnik!
- With the fischertechnik eLearning portal, we are giving you the opportunity to obtain even more background knowledge on the topic of the construction set. Didactic contents, technical background information, instructive accompanying information, videos, documentary films and much more are at your disposal. You can access the eLearning portal directly via **www.fischertechnik-elearning.com**. We hope that you have fun learning and discovering through play with fischertechnik!
- Avec le portail eLearning de fischertechnik, vous pouvez parfaire vos connaissances au sujet de la boîte de construction. Vous y trouverez des contenus didactiques et des informations techniques, d'autres informations complémentaires, des vidéos, de la documentation et bien plus encore. Cliquez sur **www.fischertechnik-elearning.com** pour accéder directement à notre portail. Nous vous souhaitons une découverte et un apprentissage pleins de plaisir avec fischertechnik !
- Met het fischertechnik eLearning portaal geven wij u de mogelijkheid, nog meer achtergrondkennis over het thema van het modulaire systeem te verkrijgen. Daarbij staan u didactieve inhoud alsmede technische achtergrondinformatie, educatieve begeleidende informatie, video's, documentaties en nog veel meer ter beschikking. Via **www.fischertechnik-elearning.com** komt u direct bij het eLearning portaal. Wij wensen veel plezier bij het spelenderwijs leren en ontdekken met fischertechnik!
- Con el portal de aprendizaje electrónico de fischertechnik le ofrecemos la oportunidad de obtener más conocimientos básicos sobre el tema de los módulos. De este modo, se pone a su disposición contenido didáctico, así como información básica técnica, información adicional instructiva, vídeos, documentos y muchas cosas más. A través de **www.fischertechnik-elearning.com** podrá acceder directamente al portal de aprendizaje electrónico. ¡Esperamos que se divierta aprendiendo y descubriendo jugando con fischertechnik!
- Com o portal de eLearning da fischertechnik damos lhe a possibilidade de obter ainda mais conhecimentos aprofundados sobre os kits de construção. Estão disponíveis conteúdos didáticos, informações técnicas de fundo, informações auxiliares úteis, vídeos, documentações e muito mais. Em **www.fischertechnik-elearning.com** pode aceder diretamente ao portal de eLearning. Esperamos que se divirta muito durante a aprendizagem e as descobertas com a fischertechnik!
- Con il portale eLearning di fischertechnik vi diamo la possibilità di accumulare maggiori informazioni di base sul tema delle scatole di montaggio. Vi troverete contenuti didattici e informazioni tecniche di background, informazioni accessorie molto istruttive, video, documenti e molto altro ancora. Tramite **www.fischertechnik-elearning.com** potete raggiungere direttamente il portale eLearning. Vi auguriamo buon divertimento nell'apprendere giocando e nella scoperta di fischertechnik!
- Обучающий Интернет-портал компании fischertechnik предлагает вам возможность получить больше базовых знаний по теме конструирования. В вашем распоряжении дидактические материалы, а также вводная техническая информация, поучительная сопроводительная информация, видеоматериалы, документация и многое другое. По ссылке **www.fischertechnik-elearning.com** вы попадаете прямо на обучающий Интернет-портал. Желаем вам приятно провести время в ходе игрового обучения и получения новых знаний с компанией fischertechnik!
- 通过 fischertechnik eLearning 电子学习门户网站，我们为您提供更多关于积木的背景知识。您可获得关于教学内容以及技术方面的背景知识、丰富的教学经验分享、视频、文档和其他实用内容。登陆 **www.fischertechnik-elearning.com** 访问我们的 elearning 门户网站。祝 fischertechnik 带给您更多学习和探索的乐趣！

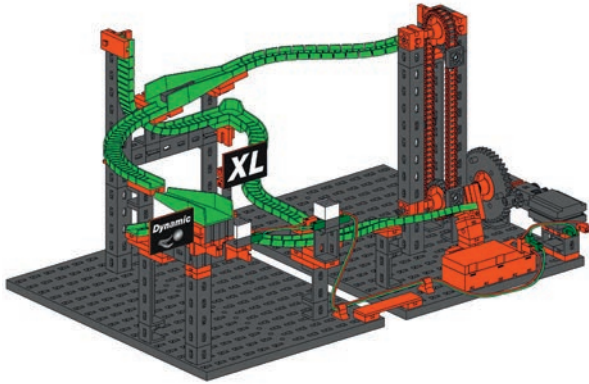
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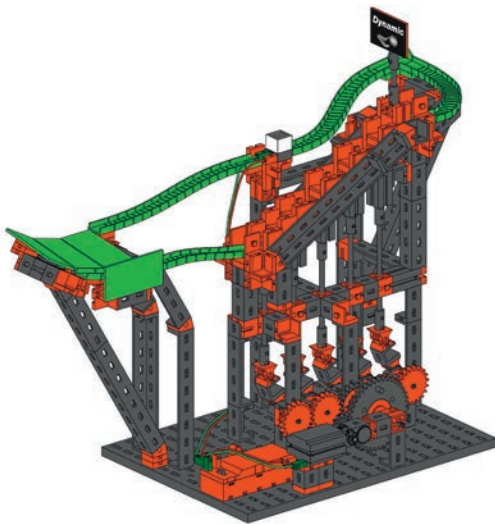
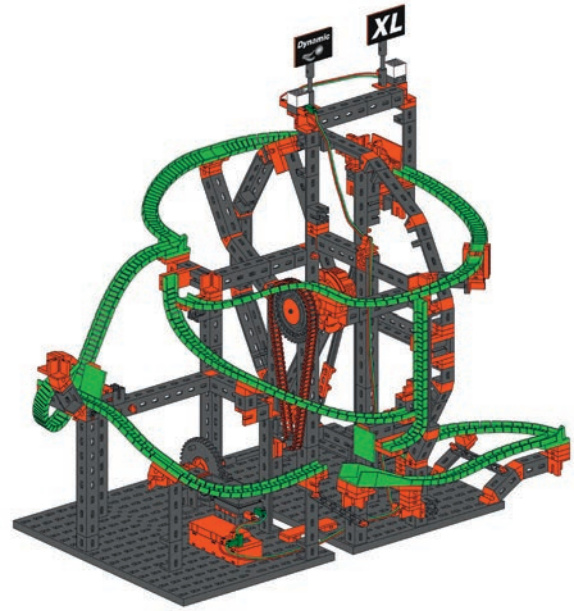
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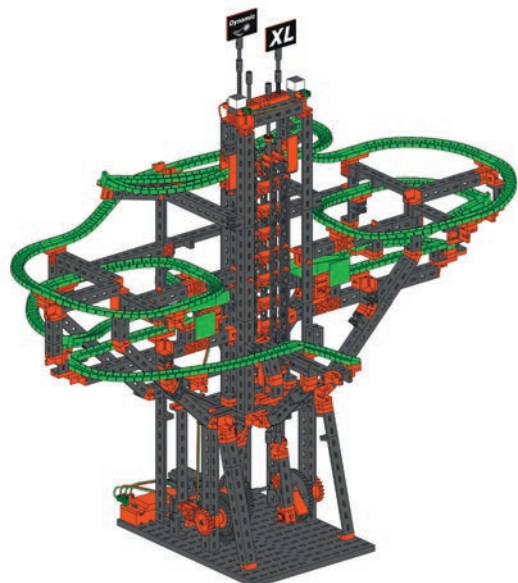
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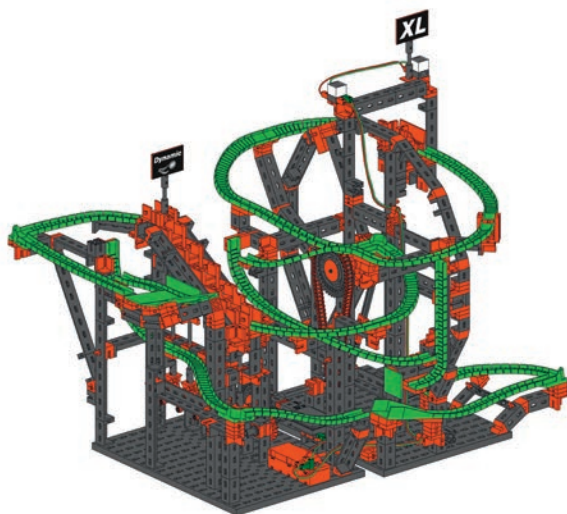


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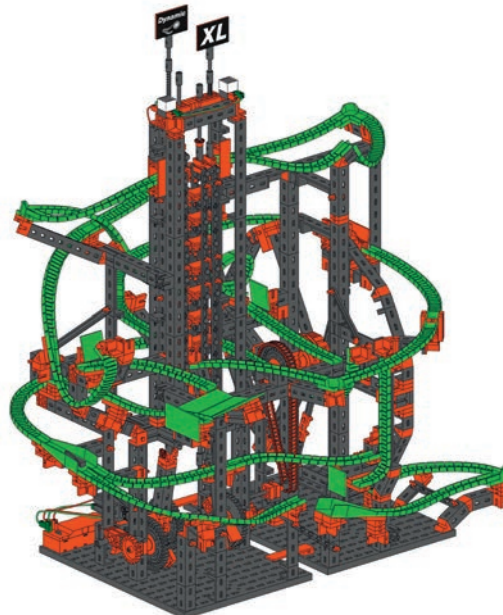
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




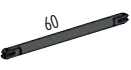



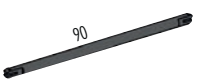










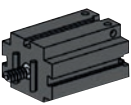
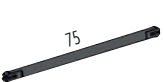
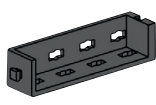





























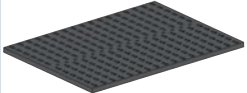














Rad- und Stufenförderer / Wheel and stage conveyor / Transporteur à roue vertical / Wieltransporteur en paternosterlift / Transportador de ruedas y de escalones / Transportadora de roda e de degraus / Convogliatore a ruota e a gradini / Роторный и ступенчатый транспортёр / 斗轮式和矿井升降机式输送机混合搭配 110



Einzelteilübersicht
Spare parts list
Liste des pièces détachées

Onderdelenoverzicht
Lista da piezas
Resumo de peça individual

Singoli componenti
Перечень деталей
零件概览

	31 010 13 x		31 981 26 x		35 064 4 x		36 443 1 x
	31 011 31 x		31 982 52 x		35 065 2 x		36 819 5 x
	31 019 1 x		31 983 3 x		35 066 3 x		36 913 10 x
	31 021 2 x		32 064 32 x		35 073 9 x		36 914 12 x
	31 022 4 x		32 071 29 x		35 086 2 x		36 920 48 x
	31 058 5 x		32 293 1 x		35 087 10 x		36 921 40 x
	31 060 3 x		32 321 2 x		35 088 5 x		36 922 47 x
	31 078 1 x		32 330 8 x		35 799 1 x		36 923 4 x
	31 082 1 x		32 850 15 x		35 945 4 x		36 950 26 x
	31 336 6 x		32 870 42 x		35 969 2 x		36 973 9 x
	31 337 6 x		32 879 17 x		36 227 14 x		37 237 71 x
	31 426 6 x		32 880 2 x		36 248 86 x		37 238 12 x
	31 436 11 x		32 881 10 x		36 293 32 x		37 468 65 x
	31 597 3 x		32 985 2 x		36 323 59 x		37 636 2 x
	31 602 1 x		35 031 5 x		36 334 10 x		37 679 54 x
	31 668 1 x		35 049 42 x		36 370 3 x		38 240 70 x
	31 690 2 x		35 063 6 x		36 382 1 x		38 241 21 x

	38 242 5 x		38 464 2 x		137 677 4 x		151 717 1 x
	38 246 2 x		38 546 18 x		143 234 31 x		152 249 4 x
	38 248 3 x		119 753 2 x		144 262 12 x		152 657 1 x
	38 413 1 x		119 850 3 x		146 534 3 x		162 136 2 x
	38 416 1 x		132 875 2 x		151 715 5 x		
	38 428 12 x		135 719 1 x		151 716 2 x		

Montagetipps
Tips for assembly
Tuyaux pour le montage

Montagetips
Consejos para el montaje
"Dicás" para montagem

Consigli per il montaggio
Советы по сборке
装配建议

Kabel und Stecker
Plugs and cables
Fiches et des câbles

Stekkers en cables
Enchufes en cables
Cabos e contatos

Cavi e connettori
Провода и штекеры
电缆和插头

1

2

3

4

1

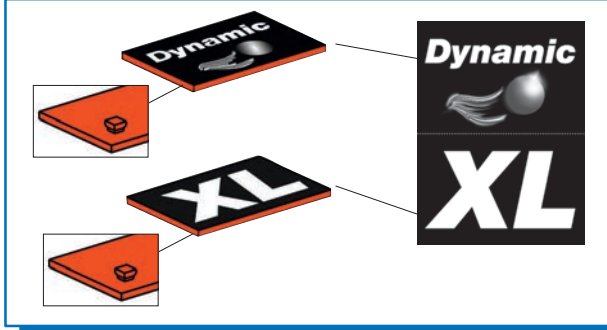
2

1

2

25 cm
20 cm
15 cm
10 cm
5 cm
0

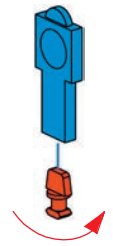
Montagetipps Tips for assembly Tuyaux pour le montage



Montagetips Consejos para el montaje "Dicas" para montagem



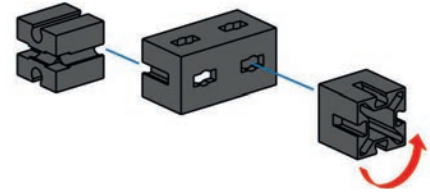
Rainbow LED
Rainbow LED
DEL Rainbow
Rainbow-LED
LED de arco iris
Rainbow LED
Rainbow LED
Светодиод „радуга“
LED 彩灯



Erfinder Flexprofil 143 234, Entwickler 90° Kurve 151 715 und Wechselweiche 151 716+151 717



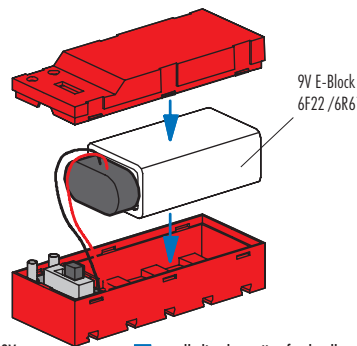
Design und Konzeption Andreas Lehrberger



Sicherheitshinweise Safety Information Consignes de sécurité

Veiligheidsrichtlijnen Indicaciones de seguridad Observações sobre segurança

Informazioni per la sicurezza Указания по технике безопасности 安全指南



Batterie ist nicht Inhalt der Packung
Battery not included
Batterie non comprise
De batterij wordt niet meegeleverd
La batería no está incluida en el suministro
A bateria não é o conteúdo da embalagem
La batteria non è inclusa nella confezione
Батарея в комплект не входит
包装中不含电池

- 1 Batterie 9Volt-Block Alkaline oder 1 NiMH-Akku 9V
- Nicht wiederaufladbare Batterien dürfen nicht geladen werden
- Aufladbare Batterien dürfen nur von Erwachsenen geladen werden
- Aufladbare Batterien sind aus dem Batteriehalter herauszunehmen, bevor sie geladen werden.
- Batterien müssen mit der richtigen Polarität eingelegt werden.
- Leere Batterien müssen aus dem Spielzeug herausgenommen werden
- Die Anschlussklemmen dürfen nicht kurzgeschlossen werden.
- Verbrauchte Batterien dem Sondermüll zuführen.
- Drähte nicht in Steckdose einführen!
- Ladegerät regelmäßig auf Schäden überprüfen. Bei einem Schaden darf das Ladegerät bis zur vollständigen Reparatur nicht mehr verwendet werden.

- 9V rechargeable battery or 9V alkaline dry cell
- Do not attempt to charge NON-rechargeable batteries.
- Rechargeable batteries are only to be charged by adults.
- Take rechargeable batteries out of the battery tray before charging them.
- Insert batteries with the correct polarity.
- Remove dead batteries from the toy.
- Do not short circuit the connecting terminals!
- Discard spent dry cells at special waste disposal centre.
- Do not insert the wires into an outlet!
- Regularly inspect battery charger for damage. If the battery charger has been damaged, it should not be used further until fully repaired.

- pile 9V ou accu 9V
- Il est interdit de recharger des piles qui ne sont pas des accumulateurs
- Le chargement des accumulateurs doit toujours se faire par des adultes
- Retirer les accumulateurs du support de pile avant de les recharger.
- Veiller à la polarité correcte lors de la mise en place des piles.
- Retirer impérativement les piles ou accumulateurs vides du jouet.
- Il est interdit de court-circuiter les bornes de raccordement.
- Jeter les piles usagées dans un conteneur spécial réservé à cet effet.
- Ne pas introduire les fils dans une prise !
- Contrôlez régulièrement le chargeur en vue d'éventuelles détériorations
- En cas de détérioration, il est interdit d'utiliser le chargeur jusqu'à ce qu'il ait été intégralement réparé

- alkaline batterij of oplaadbare batterij (9Volt)
- Niet-oplaadbare batterijen mogen niet worden opgeladen.
- Oplaadbare batterijen mogen uitsluitend door volwassenen worden opgeladen.
- Oplaadbare batterijen moeten uit de batterijhouder worden verwijderd, voordat deze worden opgeladen.
- De batterijen moeten met de juiste polariteit worden geplaatst.
- Legge batterijen moeten uit het speelgoed worden verwijderd.
- De aansluitklemmen mogen niet worden kortgesloten.
- Afleveren gebruikte batterijen bij het klein chemisch afval (KCA).
- Geen draden in de contactdoos steken!
- Laadtoestel regelmatig controleren op schade. Bij schade mag het laadtoestel niet meer gebruikt worden tot het volledig hersteld is.

- pila alcalina bloque de 9 Voltios o acumulador NiMH- de 9 Voltios
- Las pilas no recargables no pueden ser cargadas
- Las pilas recargables sólo pueden ser cargadas por un adulto
- Las pilas recargables deben ser extraídas del compartimento de pilas antes de que sean cargadas.
- Las pilas deben ser colocadas con la polaridad correcta.
- Las pilas descargadas deben ser extraídas del juguete
- Los bornes de conexión no pueden ser puestos en cortocircuito.
- Retirar las baterías viejas, desechándolas en un depósito de basuras especiales.
- No introducir hilos en la toma de corriente!
- Comprobar con regularidad si el cargador presenta daños. En caso de presentar daños, el cargador no debe volver a ser utilizado hasta que esté completamente reparado.

- 1 batteria alcalina da 9 V o 1 batteria NiMH- ricaricabile da 9V
- Le batterie non ricaricabili non devono essere ricaricate
- Le batterie ricaricabili devono essere ricaricate da persone adulte
- Le batterie ricaricabili si devono estrarre dal supporto prima di ricaricarle.
- Le batterie si devono inserire rispettando la polarità.
- Togliere le batterie dal giocattolo quando sono scariche
- I morsetti di allacciamento non devono essere cortocircuitati.
- Smaltire le batterie usate negli appositi contenitori per la raccolta differenziata.
- Non inserire i fili nella presa elettrica.
- Controllare periodicamente se il caricabatterie presenta dei danni. In caso di danni, il caricabatterie non deve più essere utilizzato fino alla riparazione.

- 1 алкалиновая батарейка на 9 В или 1 никель-кадмиевый аккумулятор, 9 В
- Не пытайтесь заряжать перезаряжаемые батарейки.
- Зарядку перезаряжаемых аккумуляторов разрешается выполнять только взрослым.
- Перед зарядкой перезаряжаемых аккумуляторов извлеките их из аккумуляторного отсека.
- При установке аккумуляторов на место соблюдайте полярность.
- Разряженные батарейки необходимо извлечь из игрушки.
- Не замыкайте накоротко соединительные клеммы.
- Использованные батареи утилизировать как спецотходы.
- Не вставляйте в розетку провода!
- Регулярно проверяйте зарядное устройство на отсутствие повреждений. При наличии повреждений использовать зарядное устройство до выполнения его полного ремонта не разрешается.

- 1个9V的碱性方电池或1个9V的NiMH-蓄电池
- 不得给非充电电池充电
- 只允许由成年人给充电电池充电
- 在充电前必须将充电电池从电池夹中取出。
- 必须按照正负极正确放入电池。
- 必须从玩具中取出没有电的电池
- 接线柱不允许被短路。
- 用完了的电池应作为特种垃圾处理。
- 禁止将金属丝插入插座！
- 经常检查充电器是否有损坏情况。如果充电器有损，直到完全修好为止不可以再使用。

Sicherheitshinweise Safety Information Consignes de sécurité

Veiligheidsrichtlijnen Indicaciones de seguridad Observações sobre segurança

Informazioni per la sicurezza Указания по технике безопасности 安全指南

- Das Spielzeug darf nur mit einer der folgenden fischertechnik Energiequellen benutzt werden:
Art.-Nr.: 135719 Batteriehalter 9V oder Art.-Nr.: 35537 Accu Pack 8,4V.
- The toy may only be used with one of the following fischertechnik energy sources:
Art No.: 135719 battery tray 9V or Art No.: 35537 Accu Pack 8.4V.
- L'utilisation de ce jouet n'est permis qu'avec l'une des sources d'énergie fischertechnik suivantes:
Art. n° : 135719 support de pile 9 volts ou Art. n° : 35537 pack d'accumulateurs 8,4 volts.
- Het speelgoed mag uitsluitend met een van de volgende fischertechnik energiebronnen worden gebruikt: art.nr.: 135719 batterijhouder 9V of art.nr.: 35537 accupack 8,4V
- El juguete se debe utilizar únicamente con una de las siguientes fuentes de energía:
Art. No. 135719 soporte de pila de 9V o Art. No. 35537 paquete acumulador de 8,4V.
- O brinquedo somente pode ser utilizado com uma das seguintes fontes de energia da fischertechnik: art. n°: 135719 Suporte de bateria de 9 V ou art. n°: 35537 Bloco de bateria de 8,4V.
- Questo giocattolo può essere utilizzato solo con le seguenti fonti di energia fischertechnik: cod. prod.: 135719 portabatteria da 9V oppure cod. prod.: 35537 confezione batterie da 8,4V.
- Игрушку можно использовать только с одним из следующих источников энергии от fischertechnik: арт. №: 135719 держатель батареек 9В или арт. №: 35537 Accu Pack 8,4В
- 该玩具只允许使用如下的慧鱼 (fischertechnik) 能量源 : 商品号 : 135719 , 9V 电池夹 , 或者商品号 : 35537 , 8.4V 电池套件 (Accu Pack)

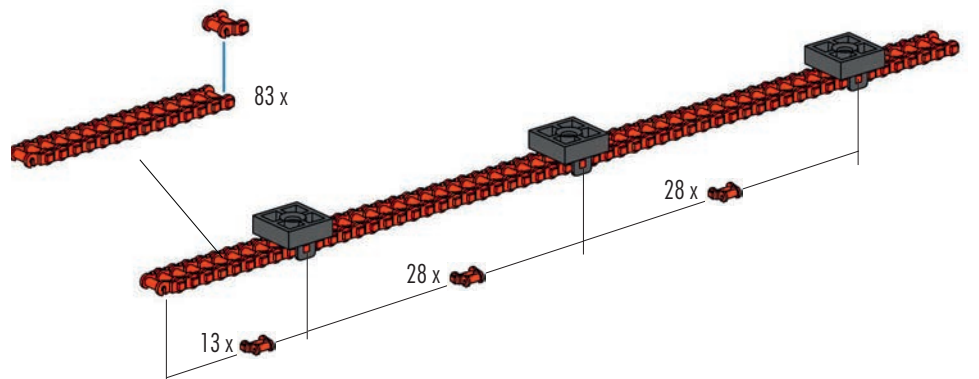
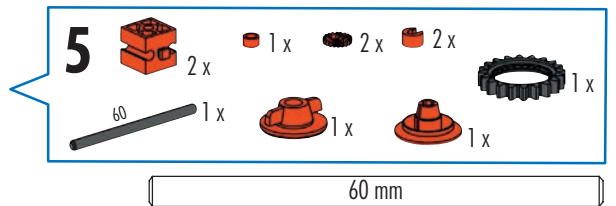
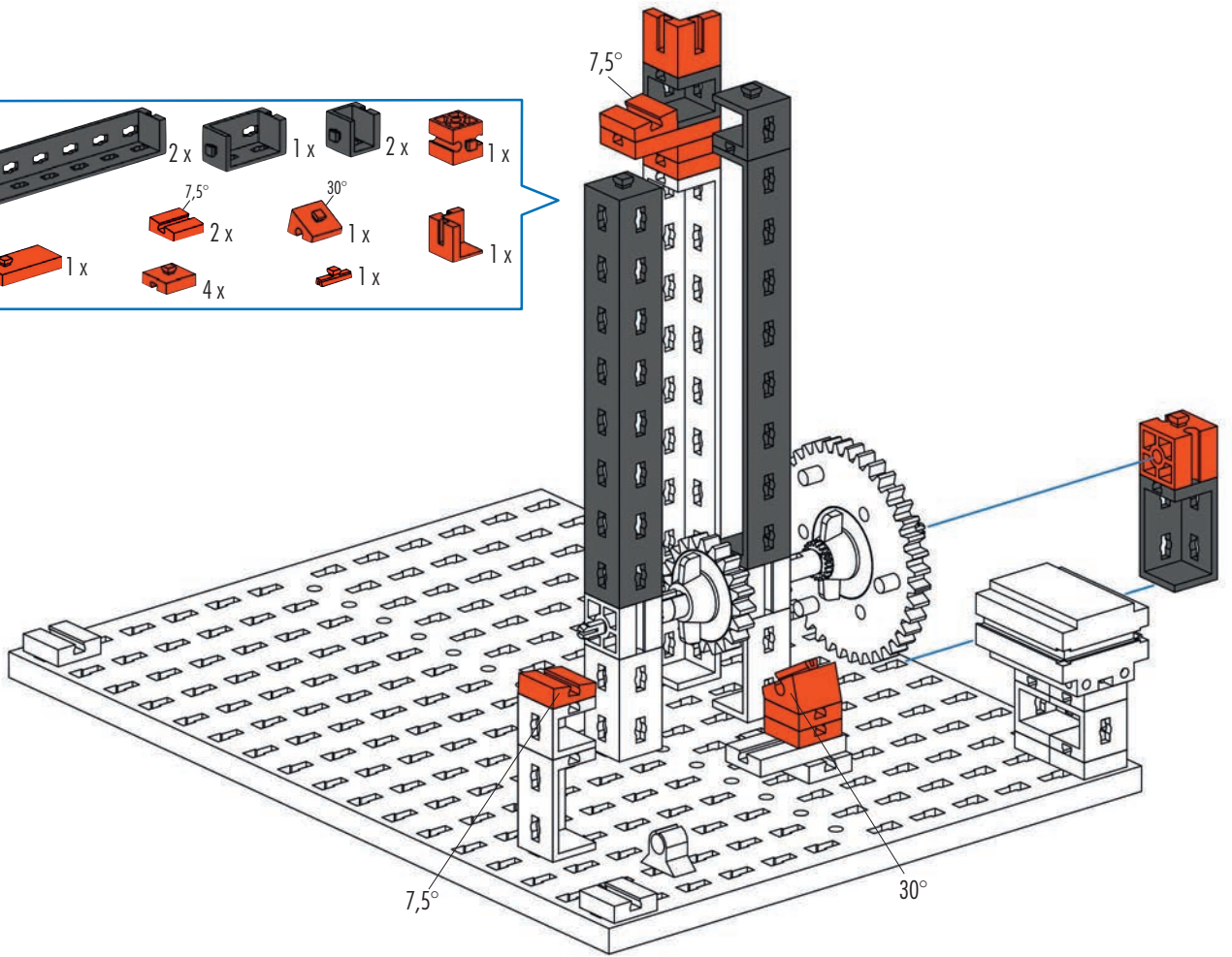
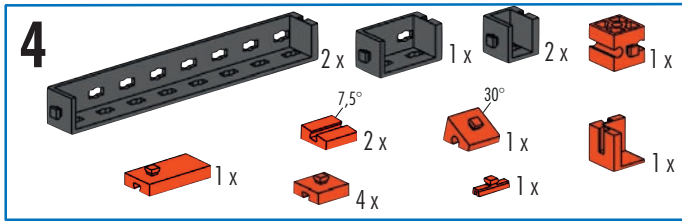
- Achtung! Verletzungsgefahr an Bauteilen mit funktionsbedingten scharfen Kanten und Spitzen!
- Caution! Be careful not to hurt yourself on components with sharp or pointed edges!
- Attention! Risque de blessure sur les éléments comportant des arêtes et o pointes vives indispensables au bon fonctionnement!
- Let op! U kunt zich bezeren aan bouwstenen met scherpe randen of punten!
- Attenzione! Esiste il pericolo di lesione con i pezzi di costruzione che hanno bordi e punte spigolosi necessari per la funzionalità del pezzo!
- Atenção! Perigo de ferimentos em peças componentes com cantos vivos e pontas obrigatórios para o funcionamento !
- Attenzione! Pericolo di lesioni dovute a componenti con spigoli vivi e punte per motivi funzionali!
- Будьте осторожны! Об острые края деталей и и наконечники можно порезаться!
- 注意 !
因功能需要而带有锋利的棱边和尖角的部件可能会带来受伤危险 !

- Alle Einzelteile, insbesondere bewegliche Teile sind falls notwendig zu warten und zu reinigen.
- All components, especially moving parts, should be maintained and cleaned as necessary.
- Toutes les pièces détachées et en particulier les pièces mobiles, sont, si nécessaire, à entretenir et à nettoyer.
- Alle onderdelen, vooral de bewegende delen, kunnen, indien noodzakelijk, onderhouden en gereinigd worden.
- Es necesario limpiar y mantener en buen estado todas las diferentes piezas - especialmente las piezas móviles.
- Caso necessário, todas as peças individuais, especialmente peças móveis, tem que ser submetidas à manutenção e ser limpadas.
- Se necessario, tutti i singoli componenti, soprattutto le parti mobili, si devono eventualmente sottoporre a manutenzione e pulizia.
- Все детали, особенно подвижные, требуют ухода и чистки.
- 必要时应保养和清洁所有零件 , 尤指运动部件。

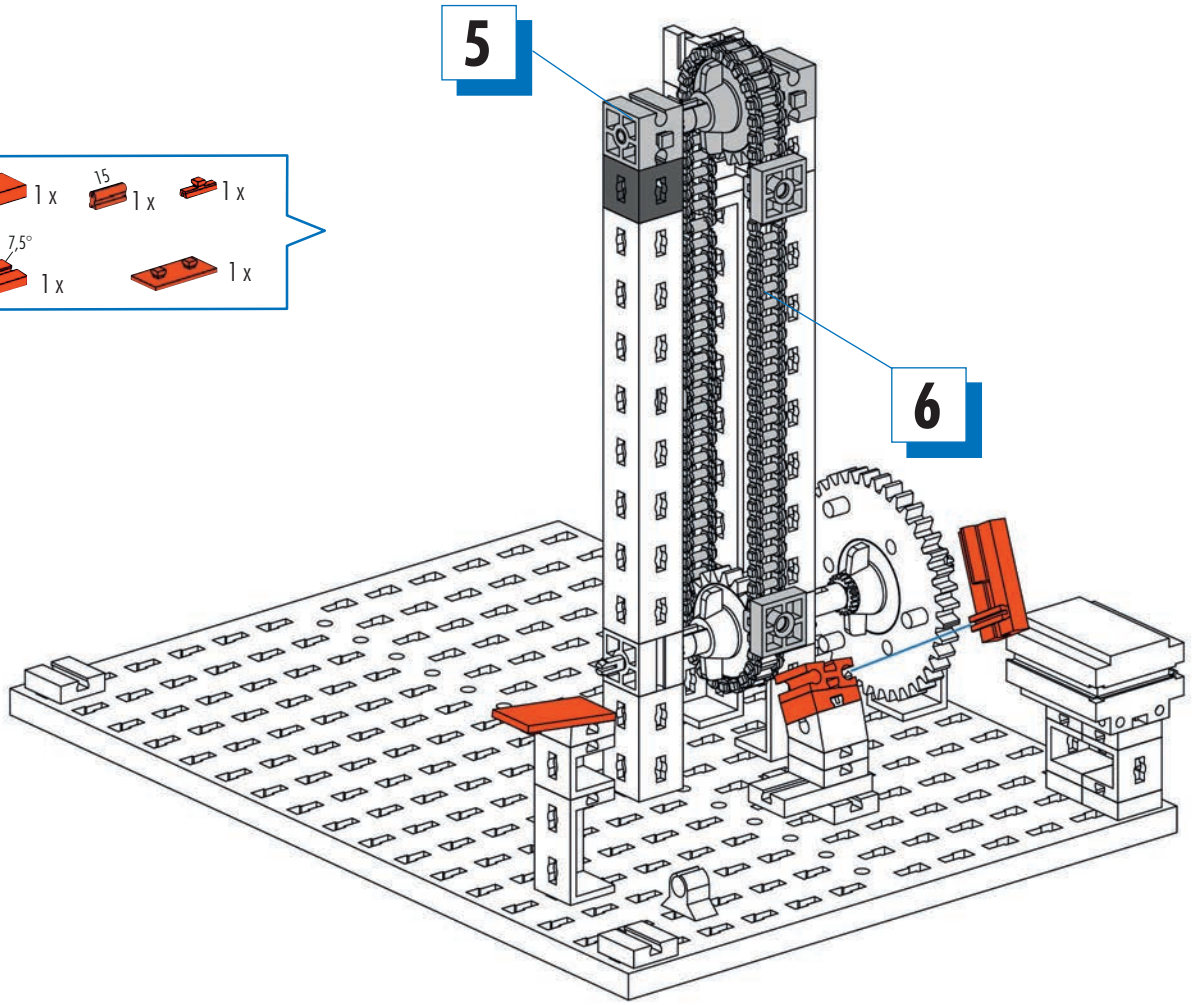


Hinweise zum Umweltschutz / Instructions for Environmental Protection / Remarques de protection de l'environnement / Bescherming van het milieu / Notas con respecto a la protección del medio ambiente / Instruções para a proteção do meio ambiente / Indicazioni sulla tutela ambientale / Указания по охране окружающей среды / 有关环保的提示 :

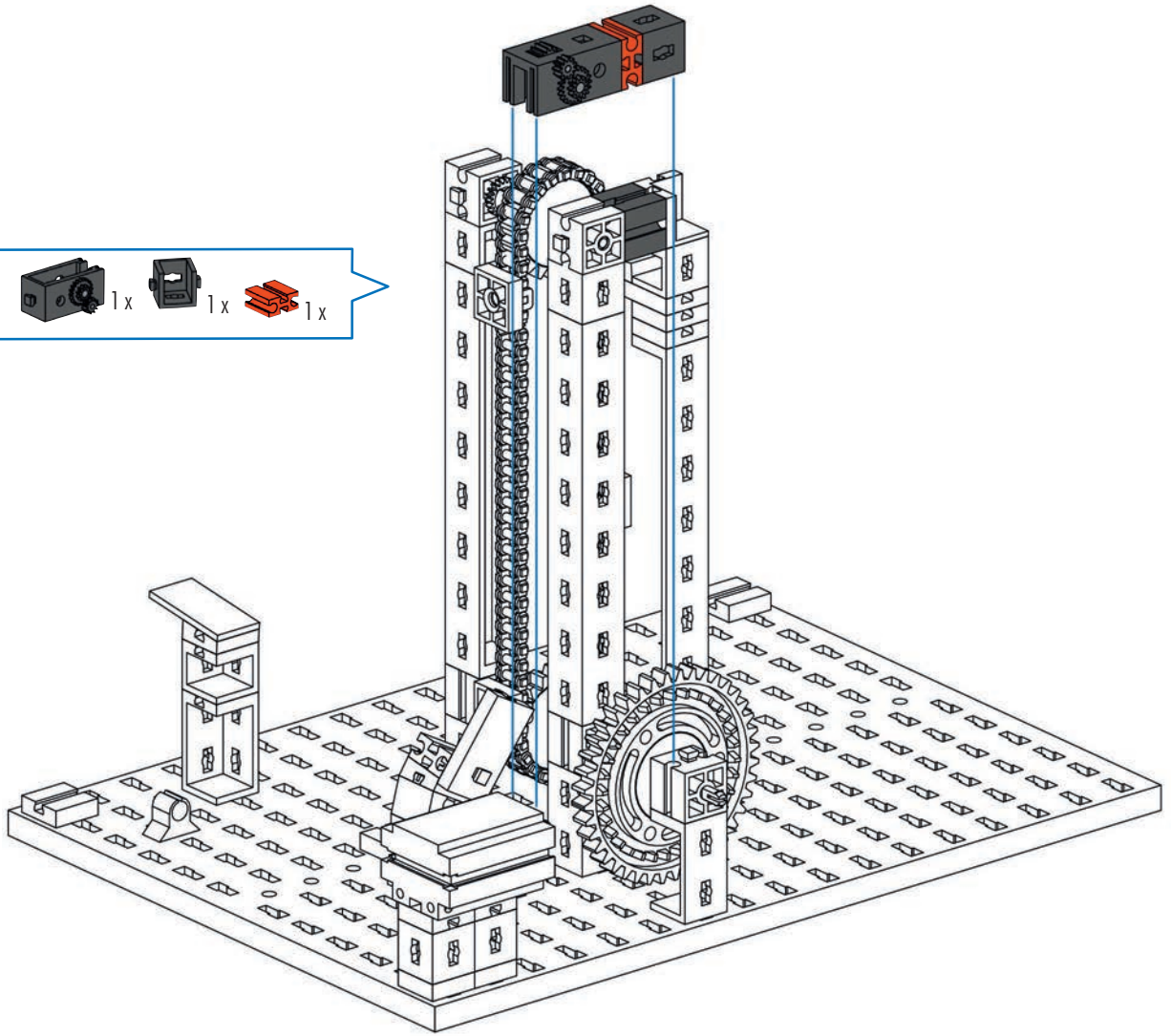
www.fischertechnik.de/environment

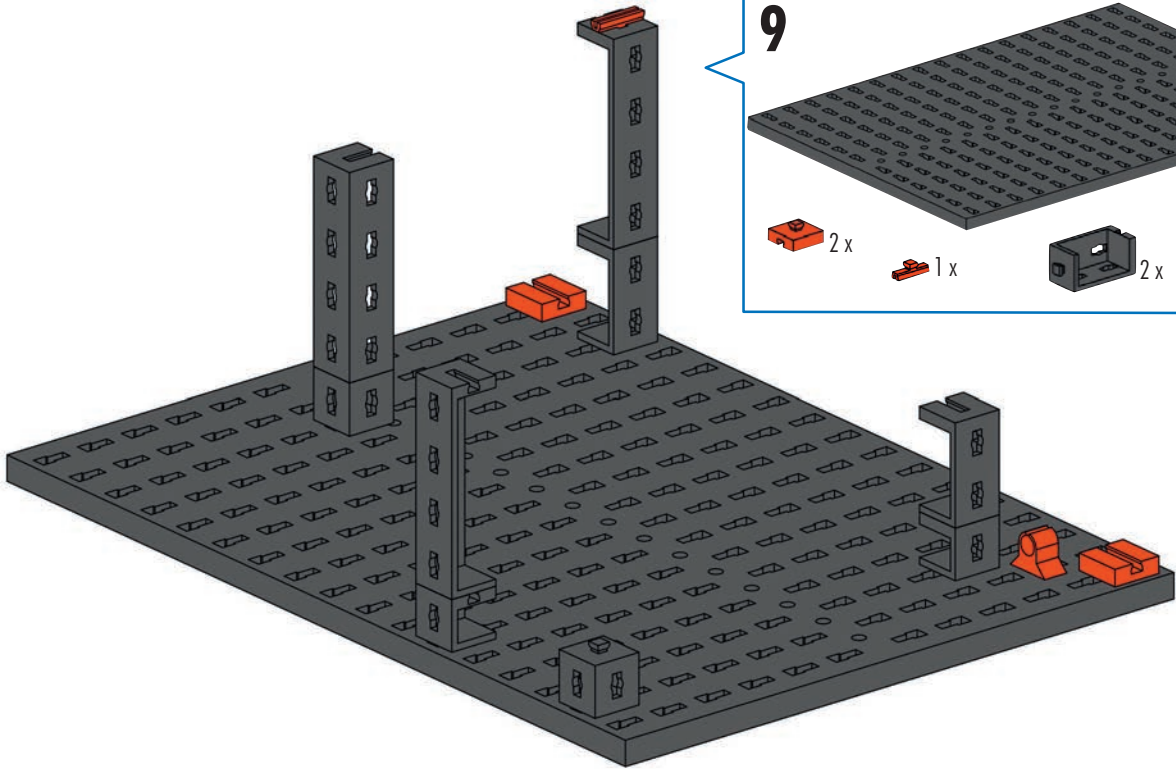


- 7**
- 1x [Grey Technic Pin]
 - 1x [Red Technic Beam 1x5]
 - 1x [Red Technic Pin 15]
 - 1x [Red Technic Pin]
 - 1x [Red Technic Pin]
 - 1x [Red Technic Pin 75°]
 - 1x [Red Technic Beam 1x5]



- 8**
- 1x [Grey Technic Pin]
 - 1x [Grey Technic Motor]
 - 1x [Grey Technic Pin]
 - 1x [Red Technic Beam 1x5]



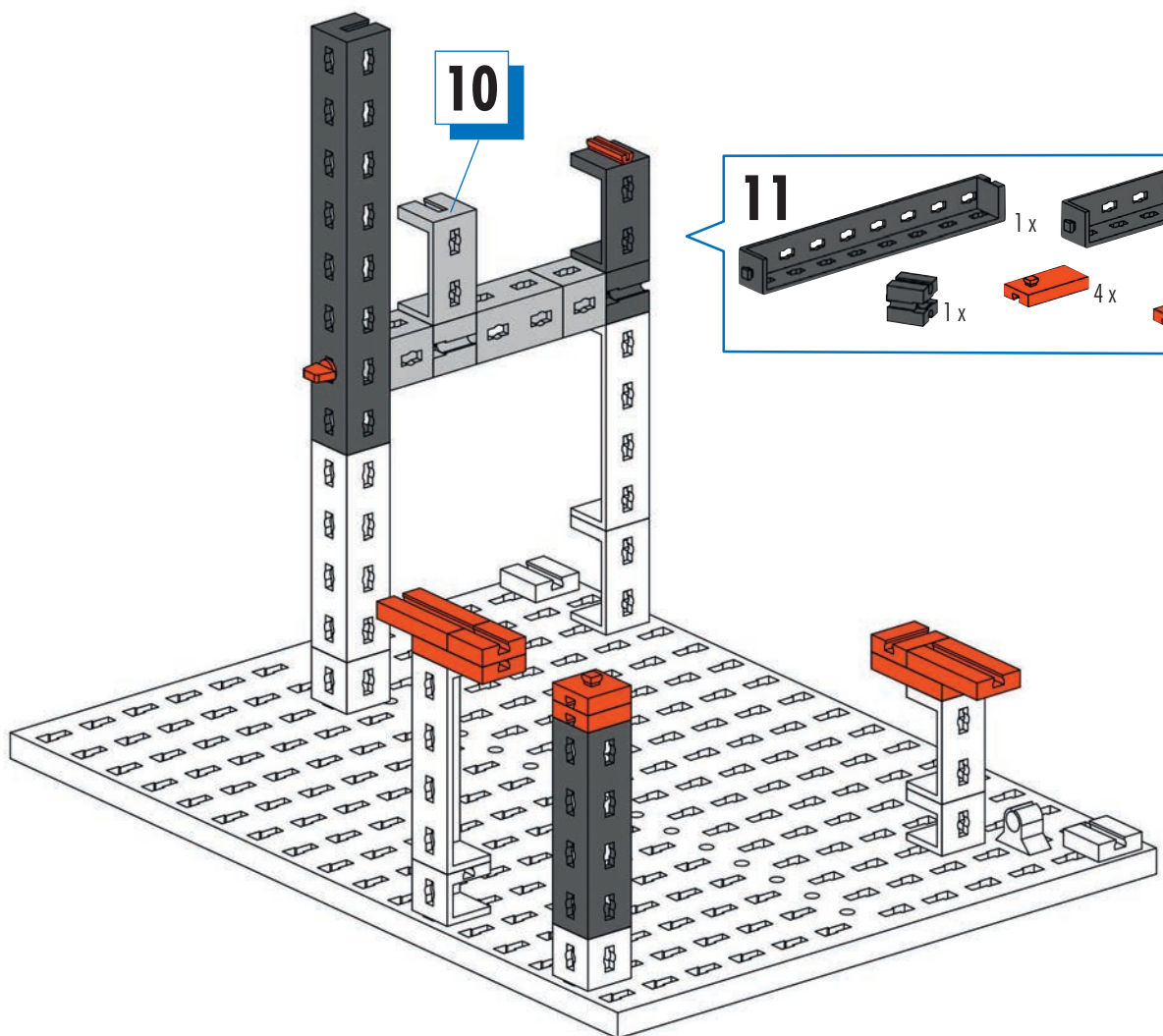
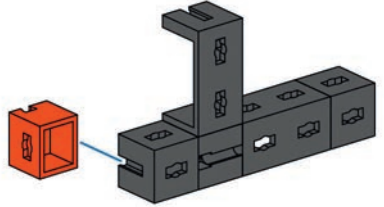


9

- 1x (grey) 1x12 hole Technic plate
- 1x (orange) 1x2 Technic pin
- 3x (grey) 1x2 Technic Technic pins
- 1x (grey) 1x2 Technic Technic pins
- 2x (orange) 1x2 Technic pins
- 1x (orange) 1x2 Technic pins
- 2x (grey) 1x2 Technic Technic pins
- 3x (grey) 1x2 Technic Technic pins

10

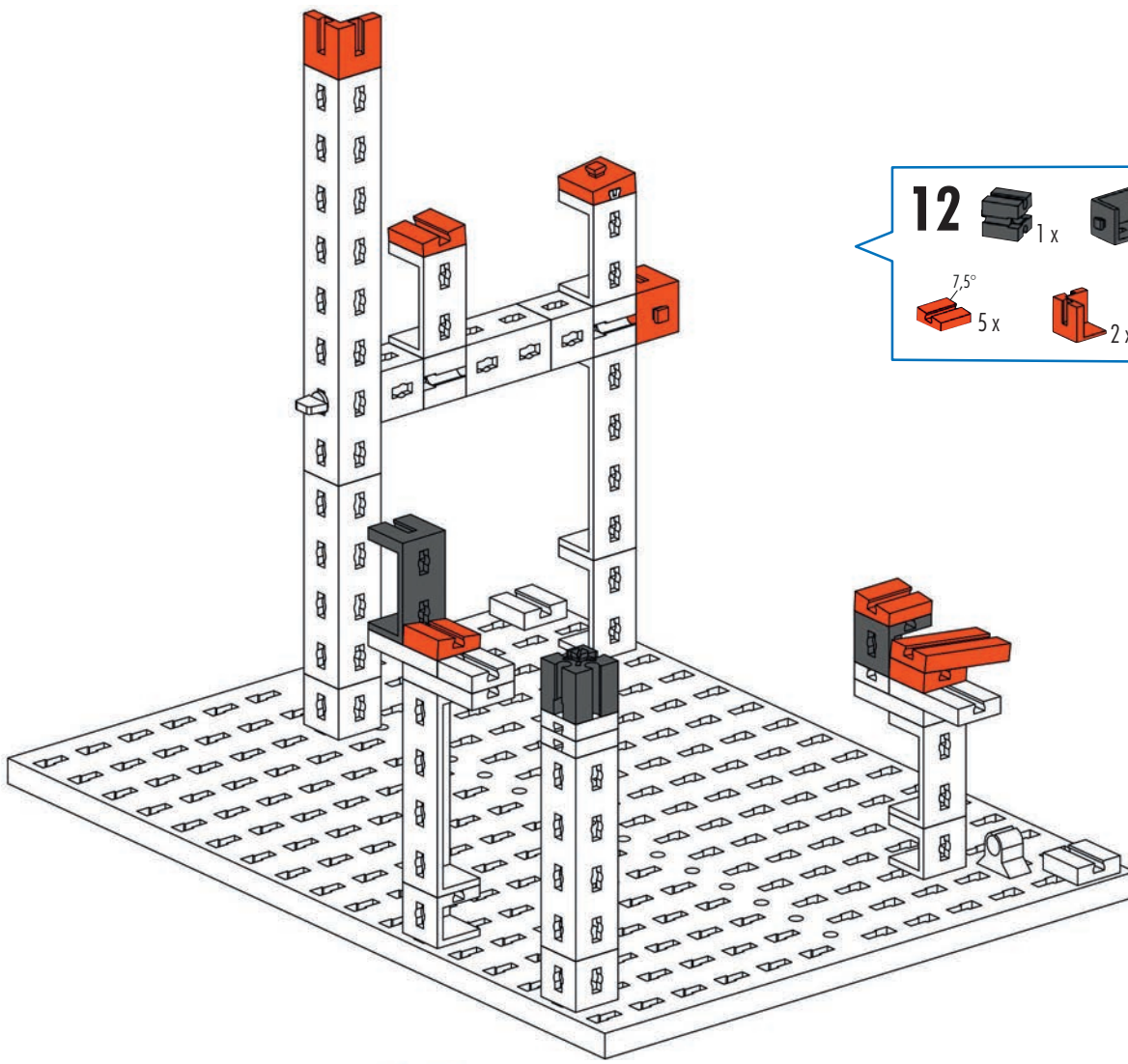
- 2x (grey) 1x2 Technic Technic pins
- 2x (grey) 1x2 Technic Technic pins
- 1x (grey) 1x2 Technic Technic pins
- 1x (orange) 1x2 Technic pins



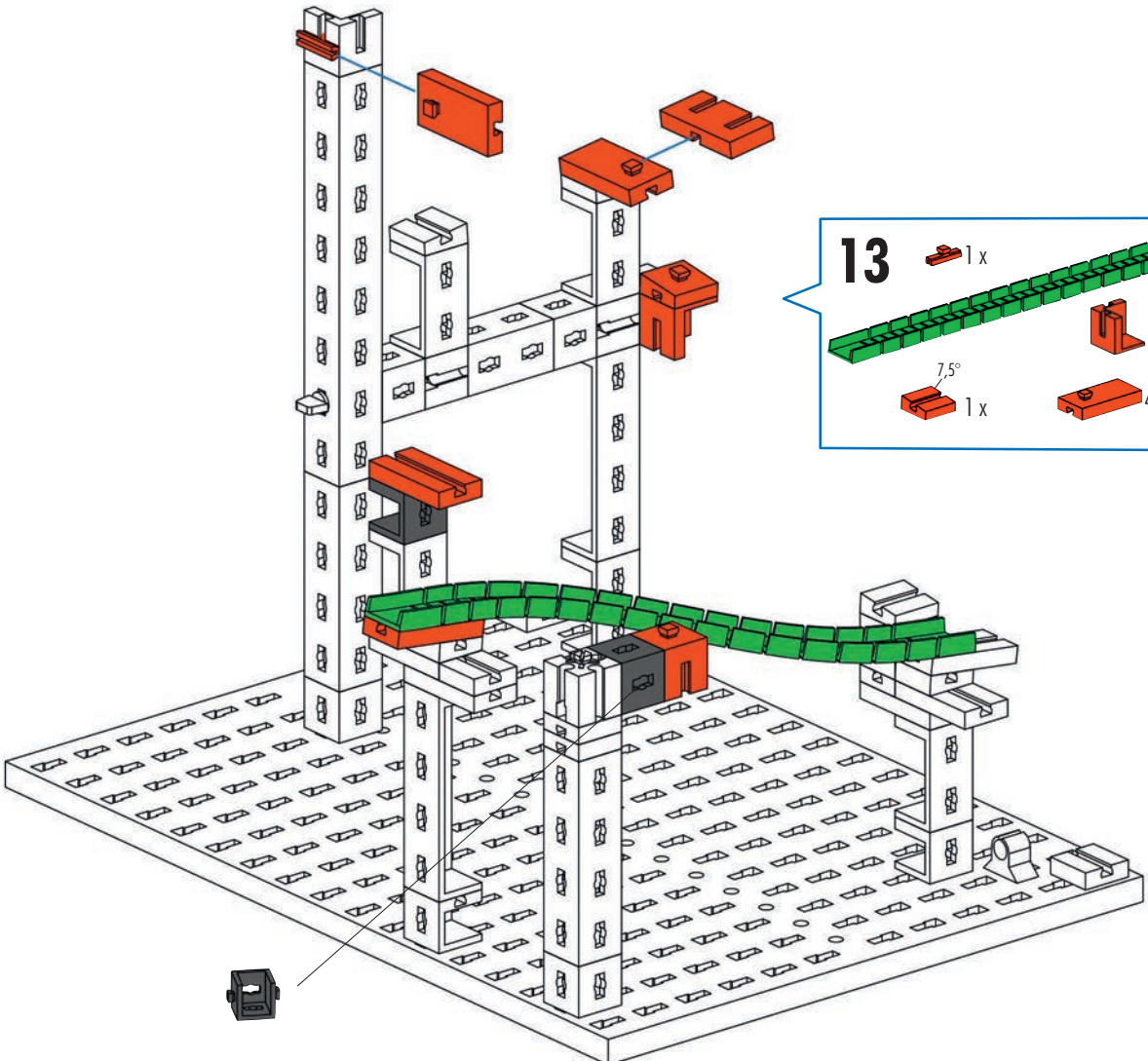
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11

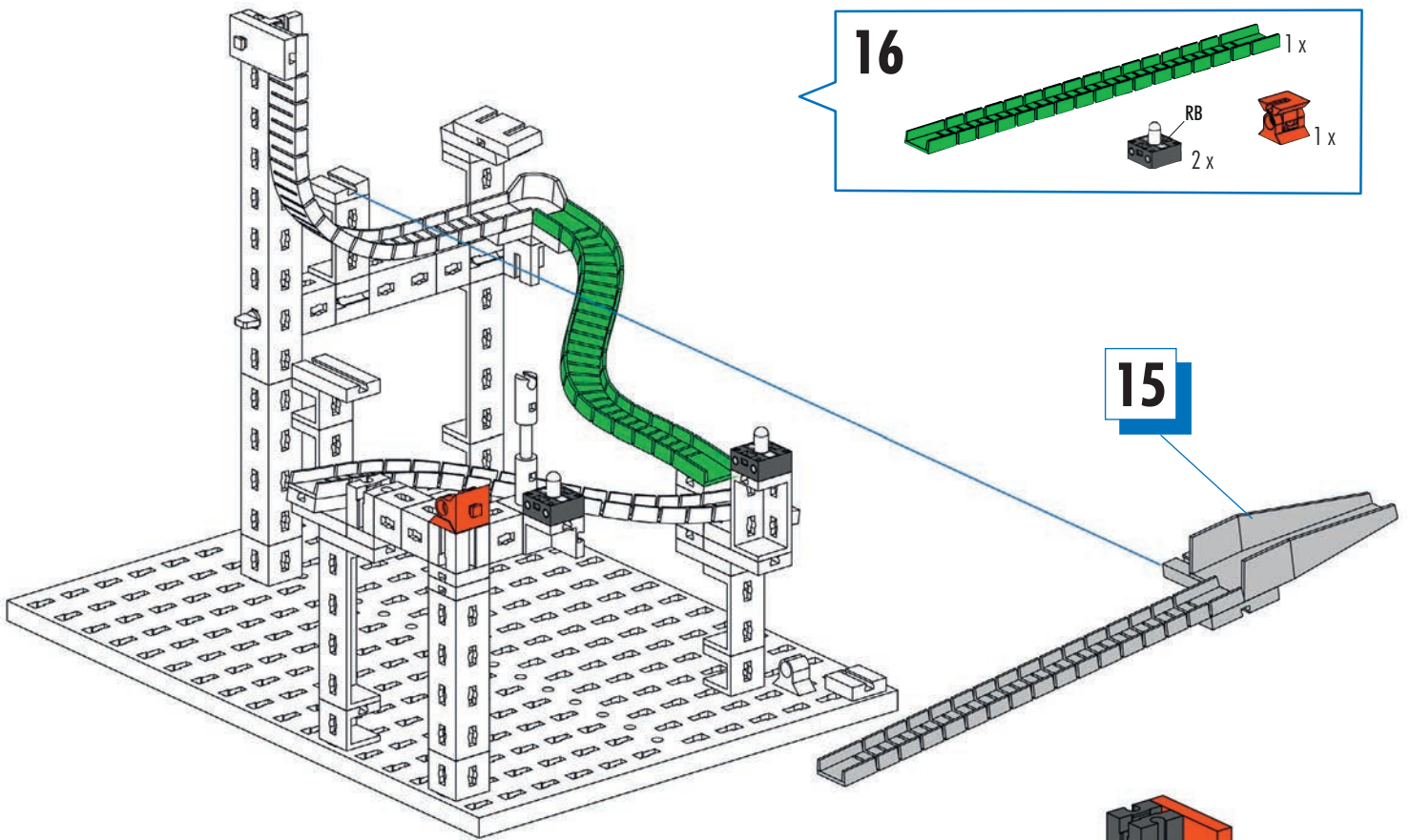
- 1x (grey) 1x12 hole Technic plate
- 1x (grey) 1x2 Technic Technic pins
- 1x (grey) 1x2 Technic Technic pins
- 1x (grey) 1x2 Technic Technic pins
- 1x (grey) 1x2 Technic Technic pins
- 1x (orange) 1x2 Technic pins
- 4x (orange) 1x2 Technic pins
- 1x (orange) 1x2 Technic pins
- 4x (orange) 1x2 Technic pins
- 1x (orange) 1x2 Technic pins



- 12**
- 1x [dark grey Technic connector]
 - 1x [dark grey Technic connector]
 - 1x [dark grey Technic connector]
 - 5x [red Technic connector, 7.5°]
 - 2x [red Technic connector]
 - 1x [red Technic connector]



- 13**
- 1x [red Technic connector]
 - 1x [green Technic beam (1x)]
 - 1x [dark grey Technic connector]
 - 1x [red Technic connector, 7.5°]
 - 2x [red Technic connector]
 - 1x [dark grey Technic connector]
 - 4x [red Technic connector]
 - 1x [red Technic connector]



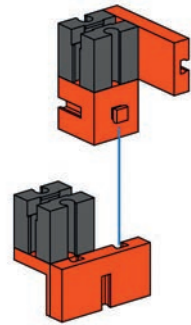
16

- 1x (Green Technic Beam)
- 2x (Black Technic Pin)
- 1x (Red Technic Connector)

15

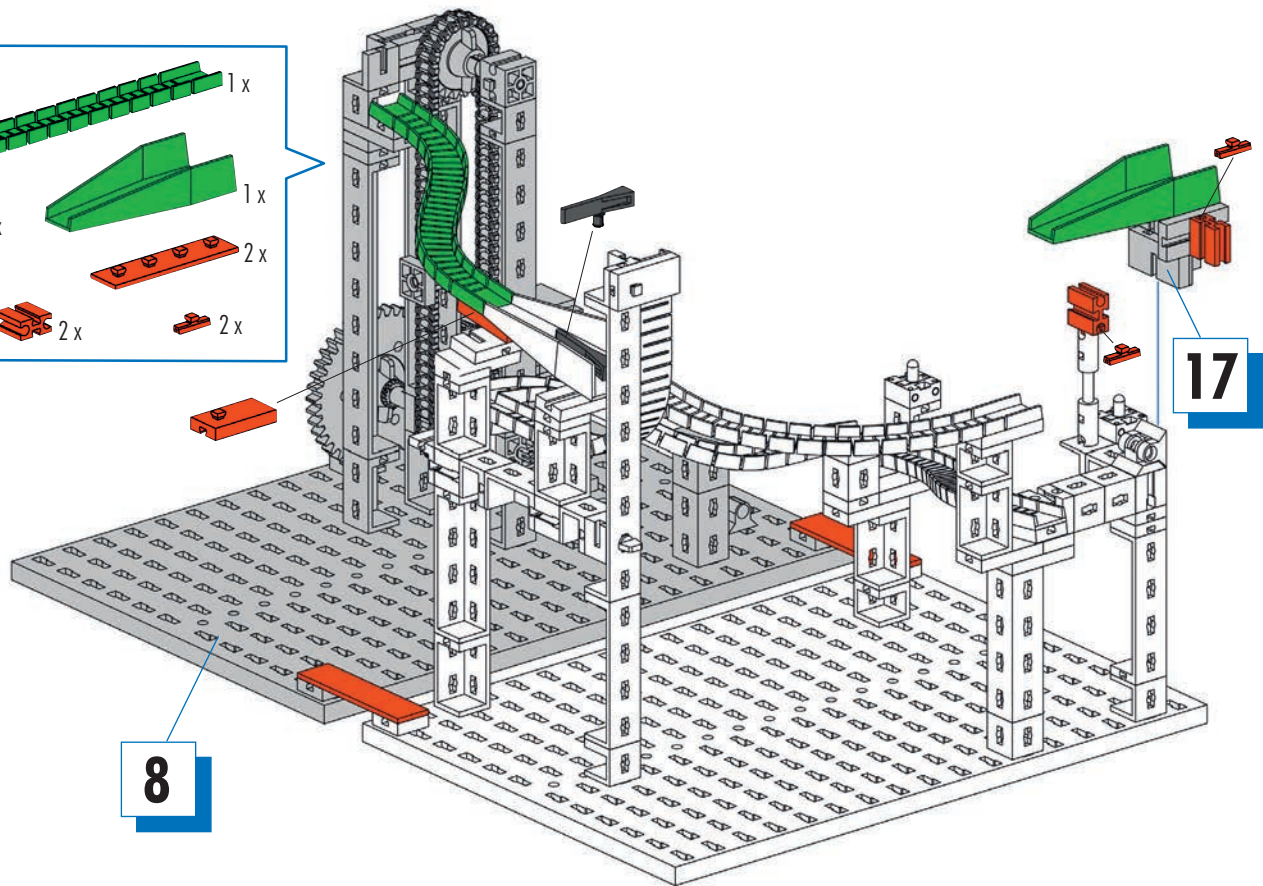
17

- 2x (Black Technic Pin)
- 2x (Red Technic Connector)
- 1x (Red Technic Beam)
- 1x (Red Technic Connector)



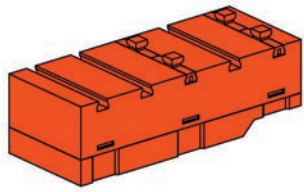
18

- 1x (Green Technic Beam)
- 1x (Green Technic Wedge)
- 1x (Black Technic Pin)
- 2x (Red Technic Beam)
- 1x (Red Technic Connector)
- 2x (Red Technic Connector)
- 2x (Red Technic Connector)

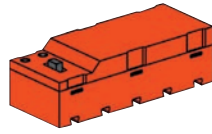


8

17



19

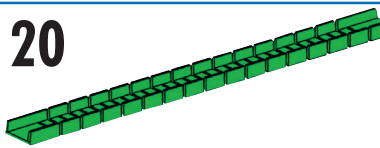


1 x



4 x

20



1 x



1 x



1 x



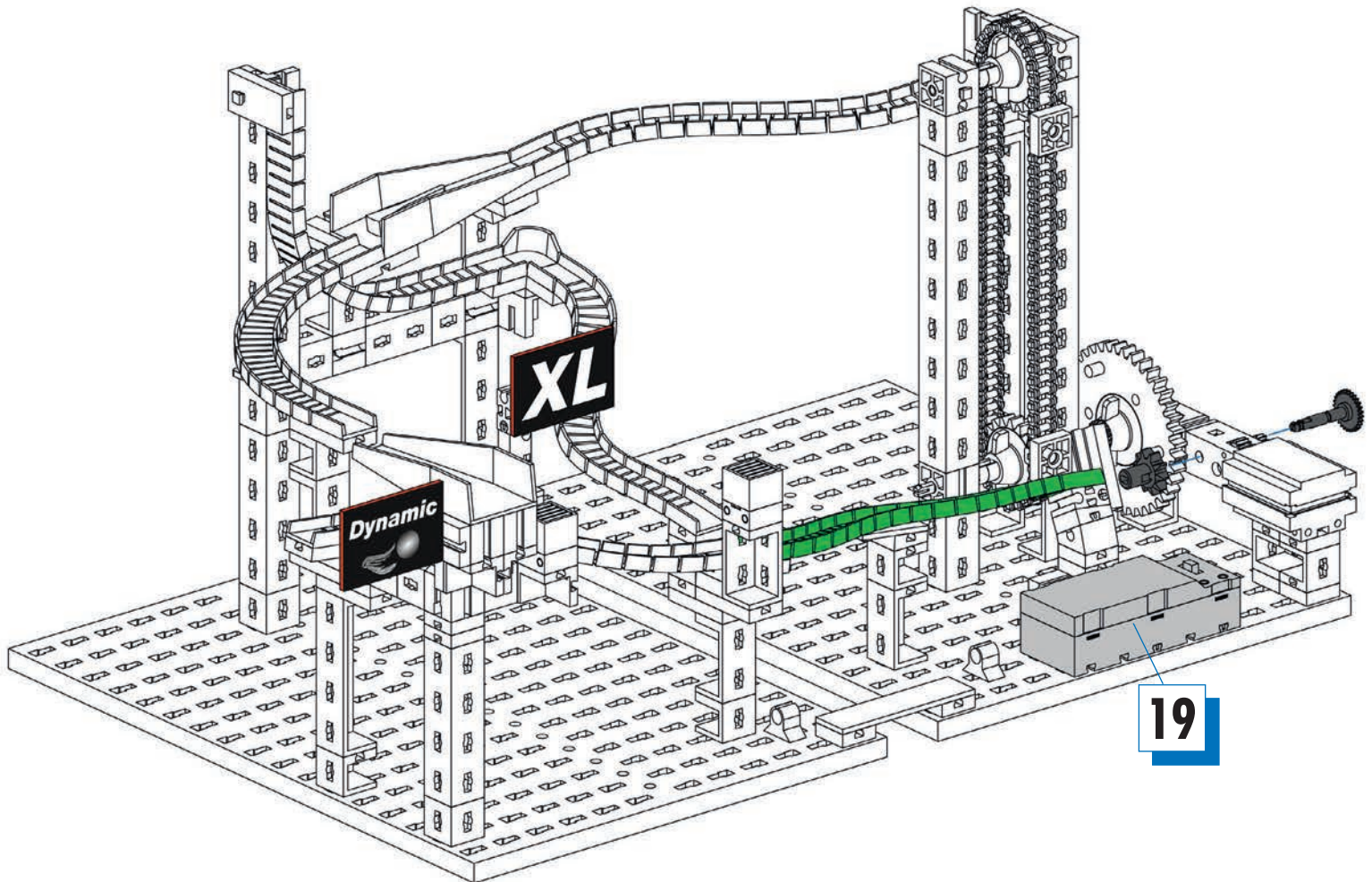
1 x



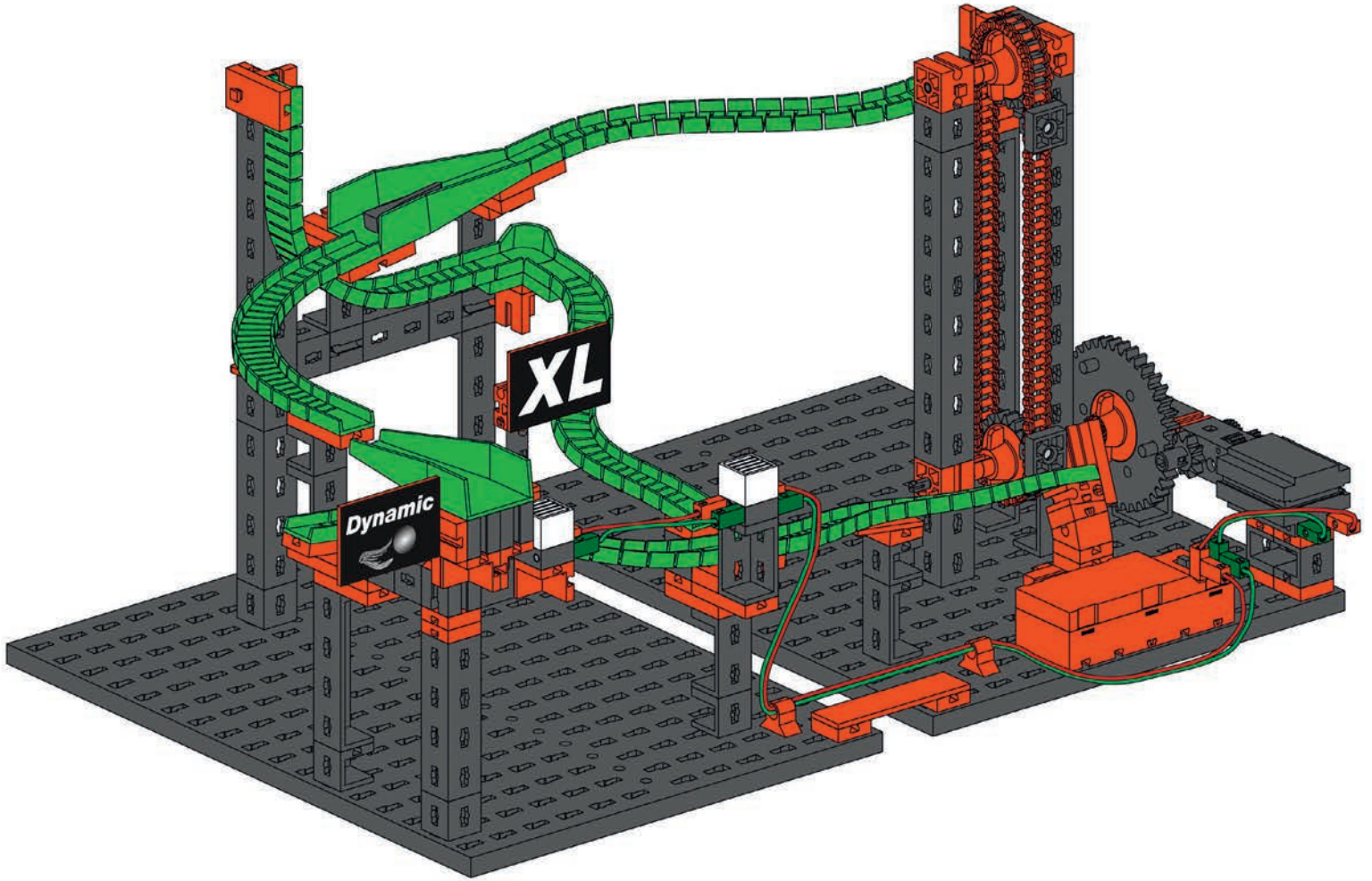
1 x



2 x



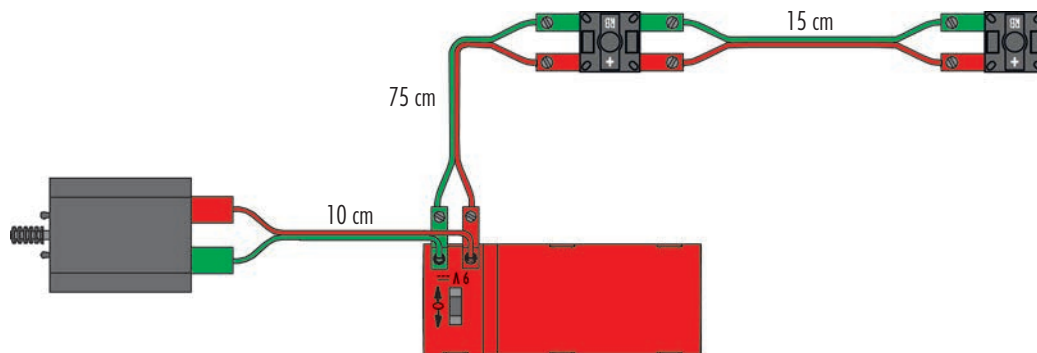
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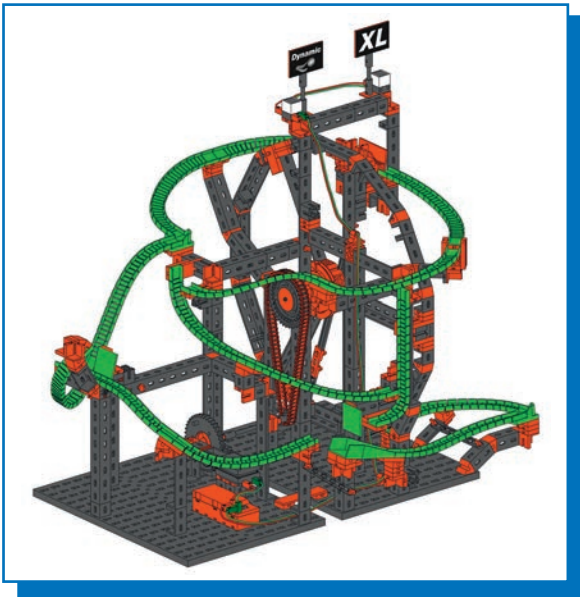


Schaltplan
 Circuit diagram
 Plan électrique

Schakelschema
 Diagrama de circuitos
 Plano elétrico de ligação

Schema elettrico
 Схема подключения
 电路图

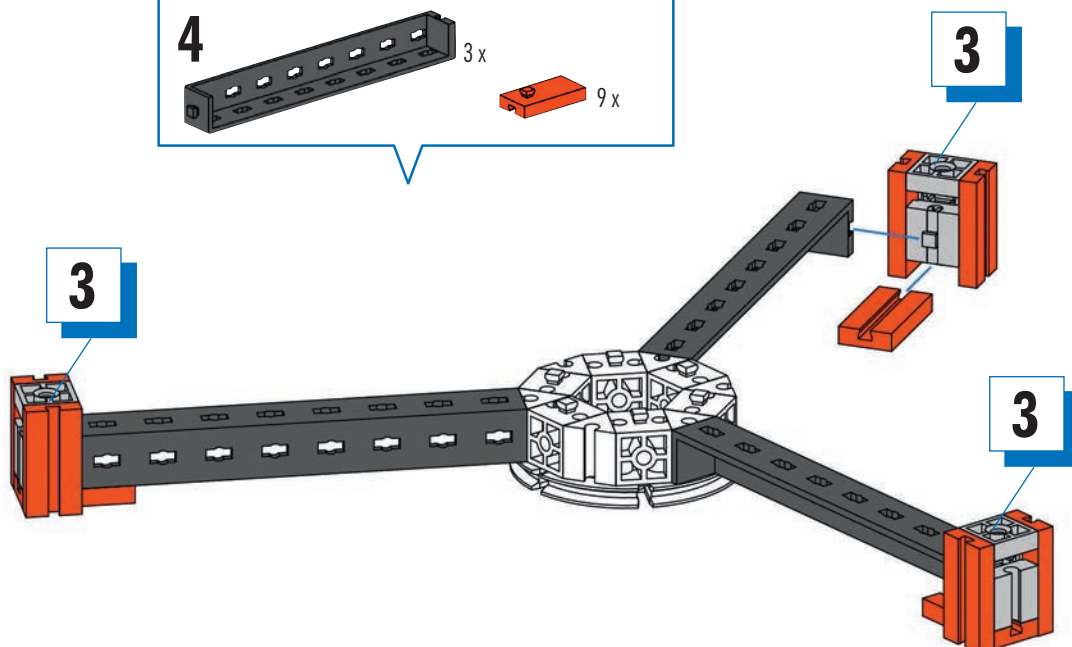
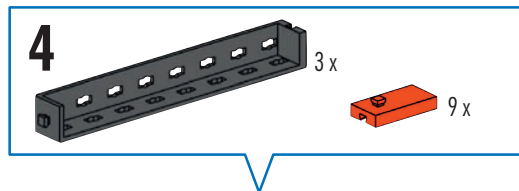
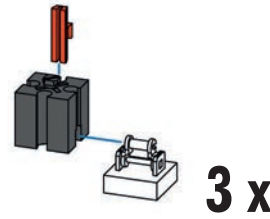
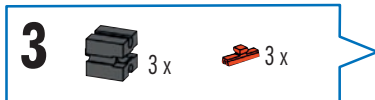
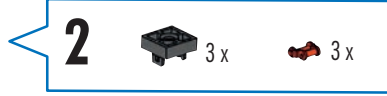
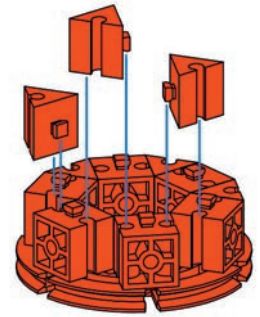
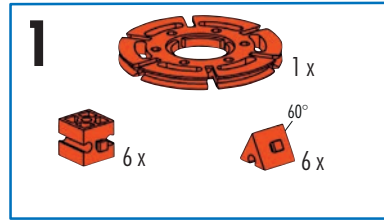


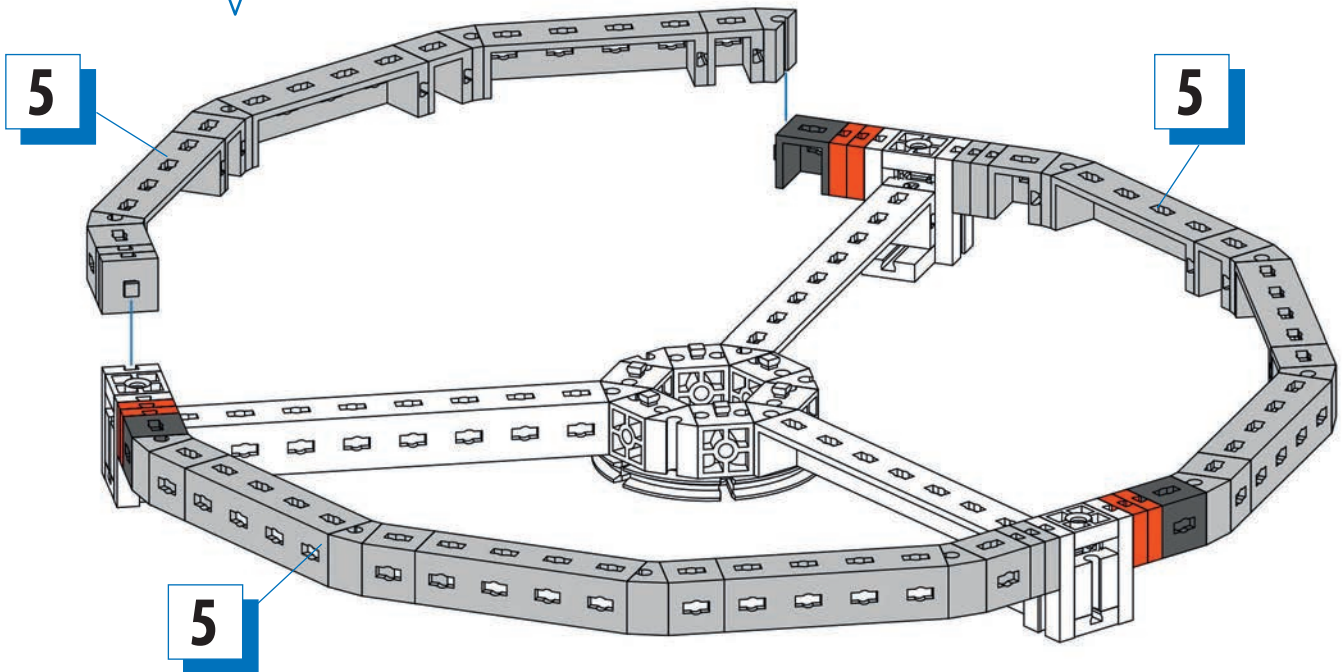
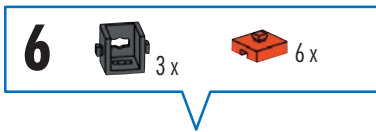
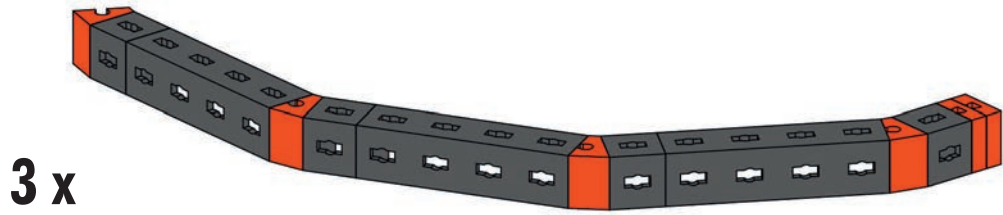
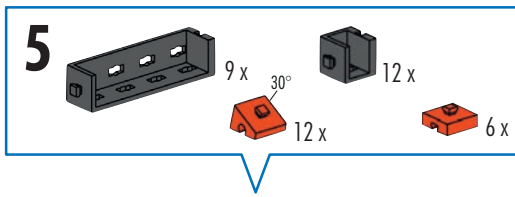


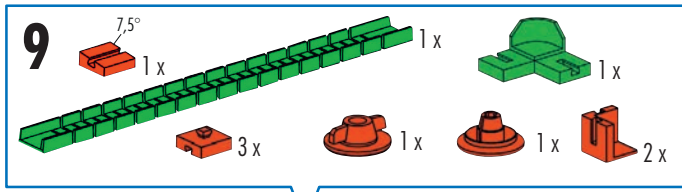
Radförderer
Wheel conveyor
Transporteur à roue

Wieltransporteur
Transportador de ruedas
Transportadora de roda

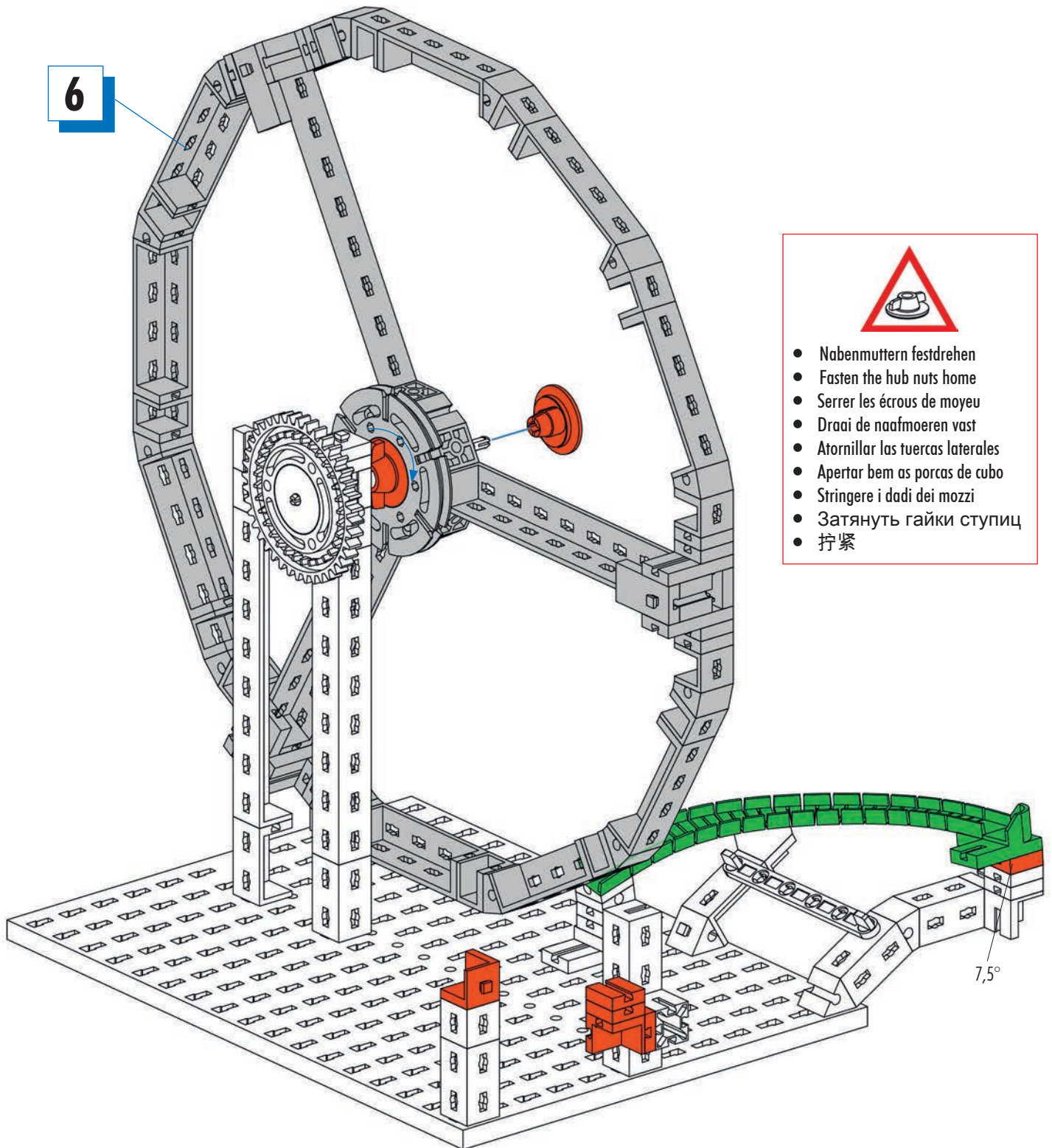
Convogliatore a ruota
Роторный транспортёр
斗轮输送机







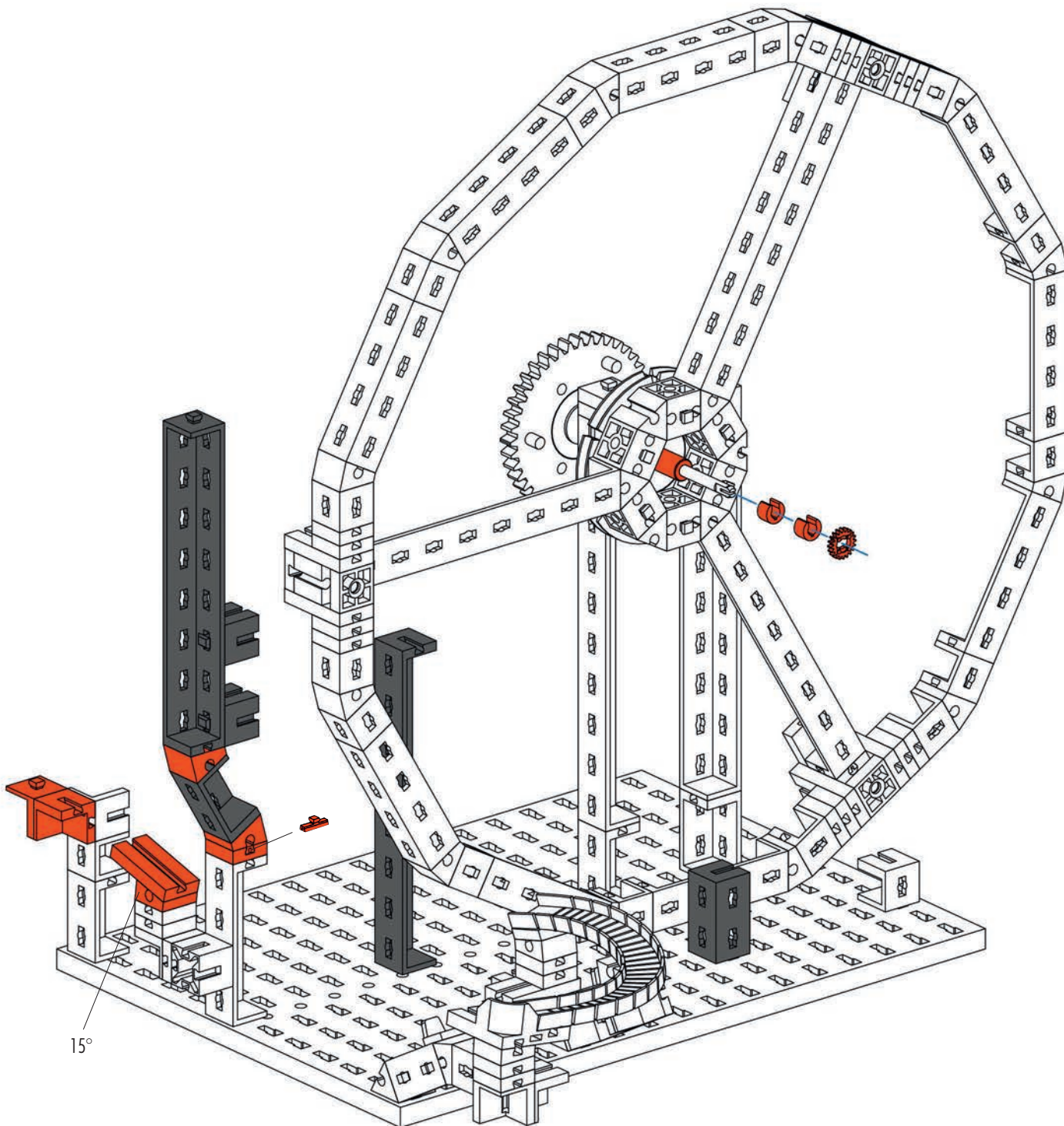
6



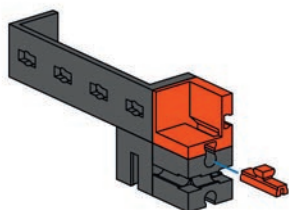
- Nabenmuttern festdrehen
- Fasten the hub nuts home
- Serrer les écrous de moyeu
- Draai de naafmoeren vast
- Atornillar las tuercas laterales
- Apertar bem as porcas de cubo
- Stringere i dadi dei mozzi
- Затянуть гайки ступиц
- 拧紧

10

- 2x [Grey Technic Beam 1x10]
- 2x [Grey Technic Bracket]
- 2x [Grey Technic Bracket]
- 1x [Red Technic Pin]
- 2x [Red Technic Pin]
- 1x [Black Technic Pin]
- 1x [Red Technic Pin]
- 1x [Red Technic Pin, 15°]
- 2x [Red Technic Pin, 30°]
- 1x [Red Technic Pin]
- 1x [Red Technic Pin]
- 2x [Red Technic Pin]

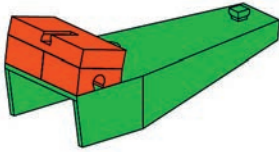


15°

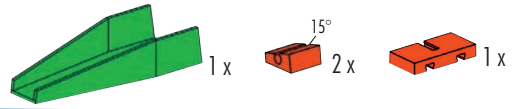


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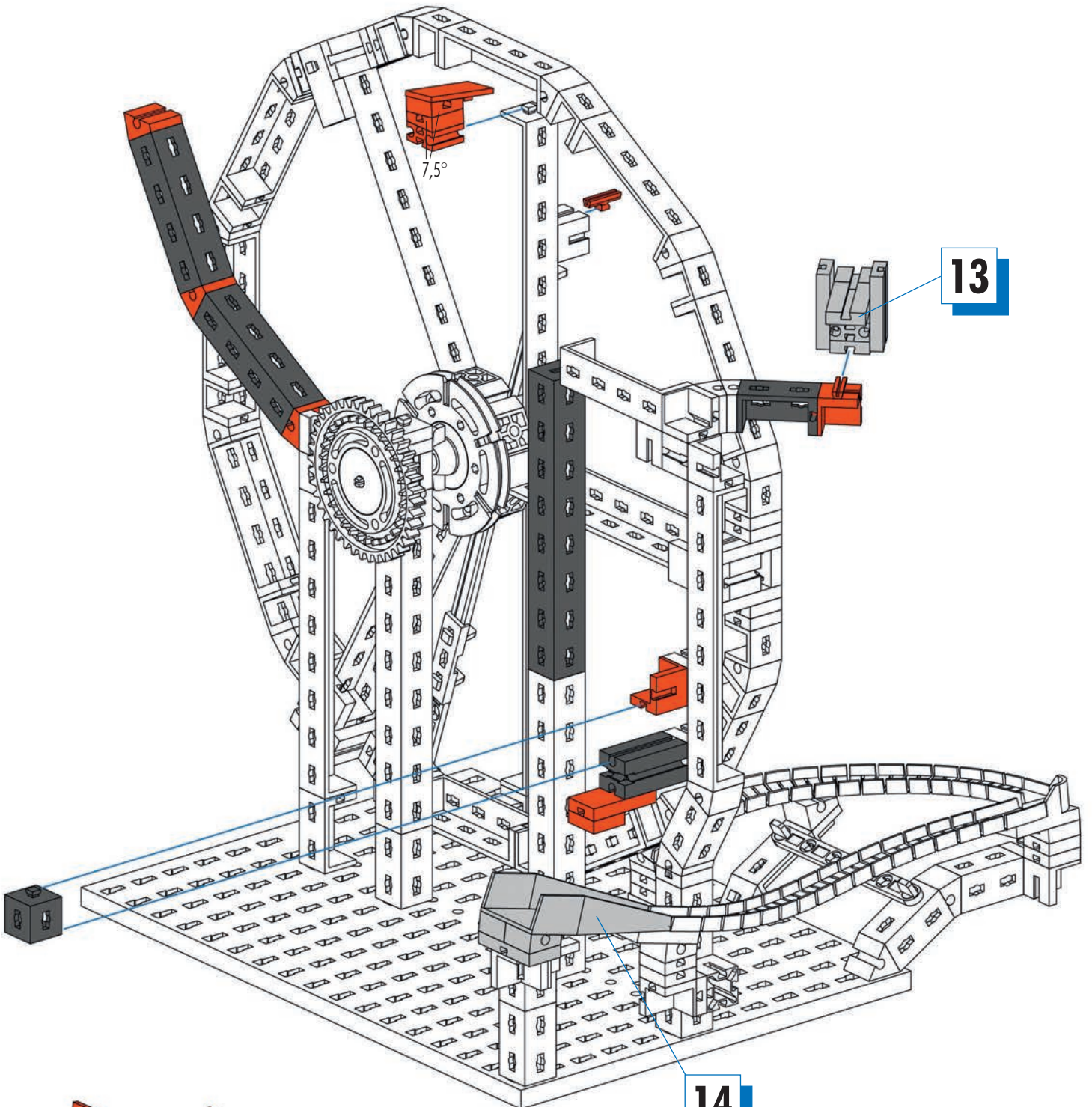
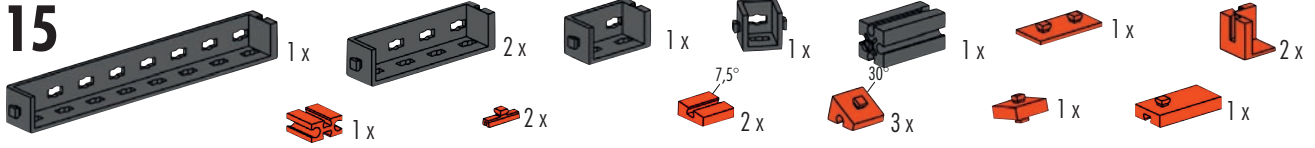
- 1x [Grey Technic Beam 1x10]
- 1x [Grey Technic Bracket]
- 1x [Grey Technic Bracket]
- 1x [Red Technic Pin]
- 1x [Red Technic Pin]



14

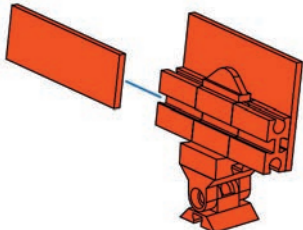


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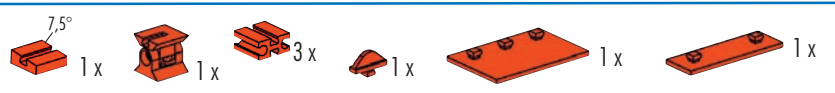


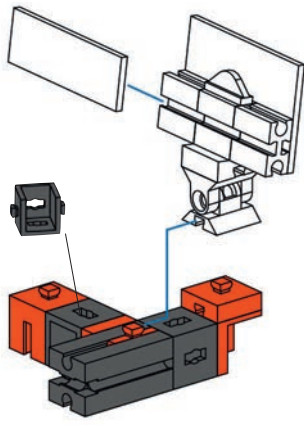
13







14

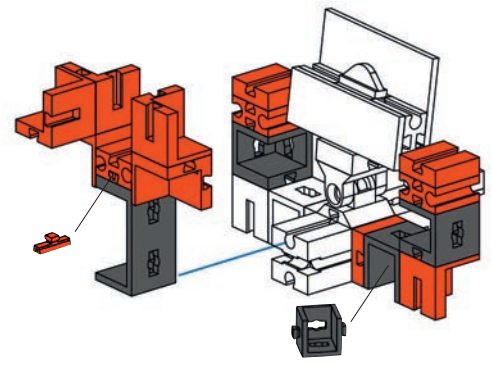









16



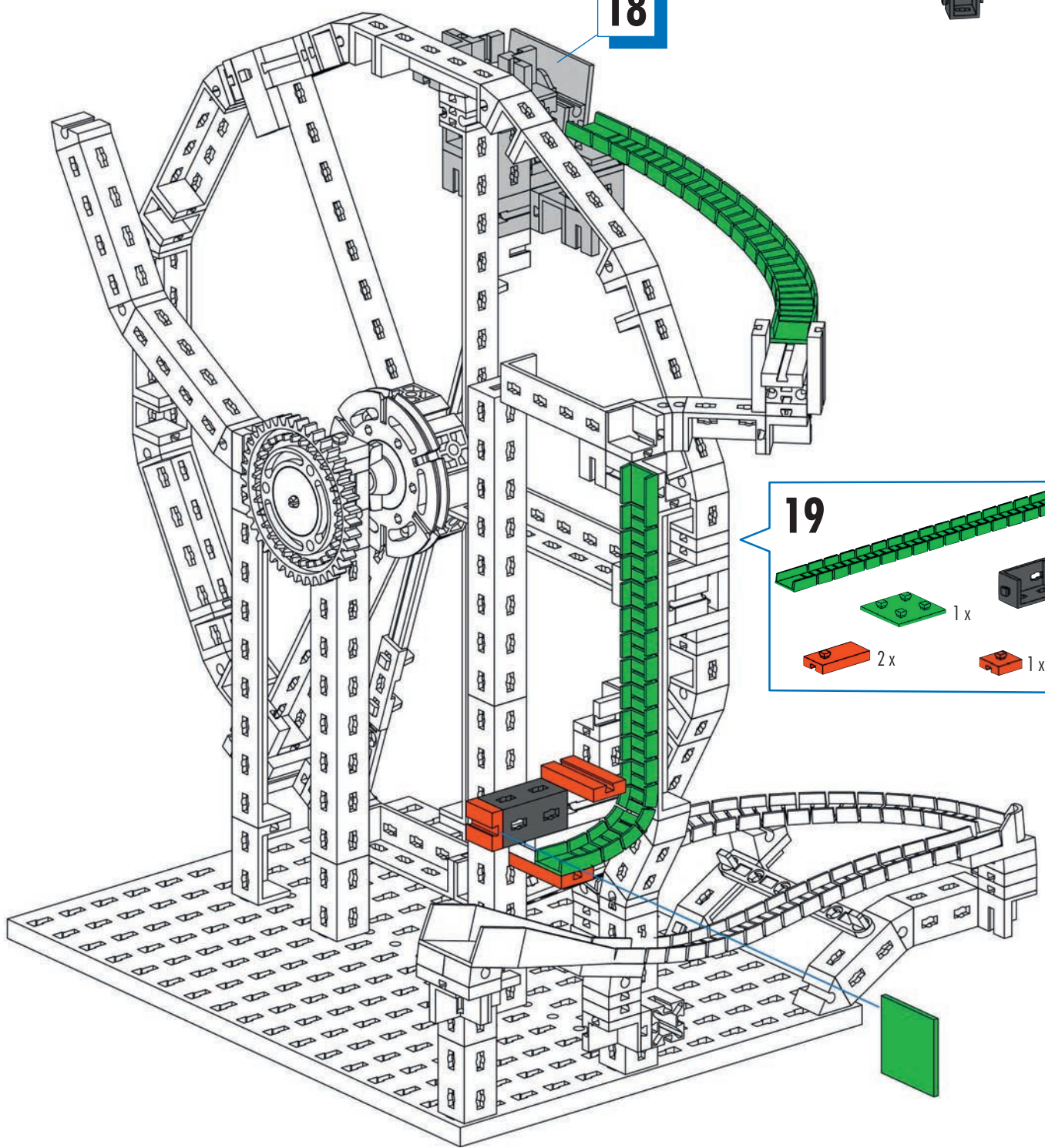


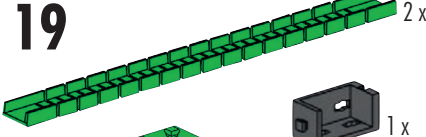
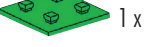



- 17**  1x  1x  1x  1x  2x  2x



- 18**  1x  1x  2x  6x  3x  3x  1x

18

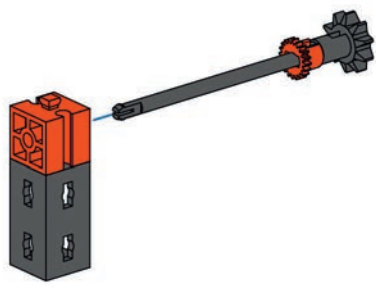


- 19**  2x  1x  1x  2x  1x

20

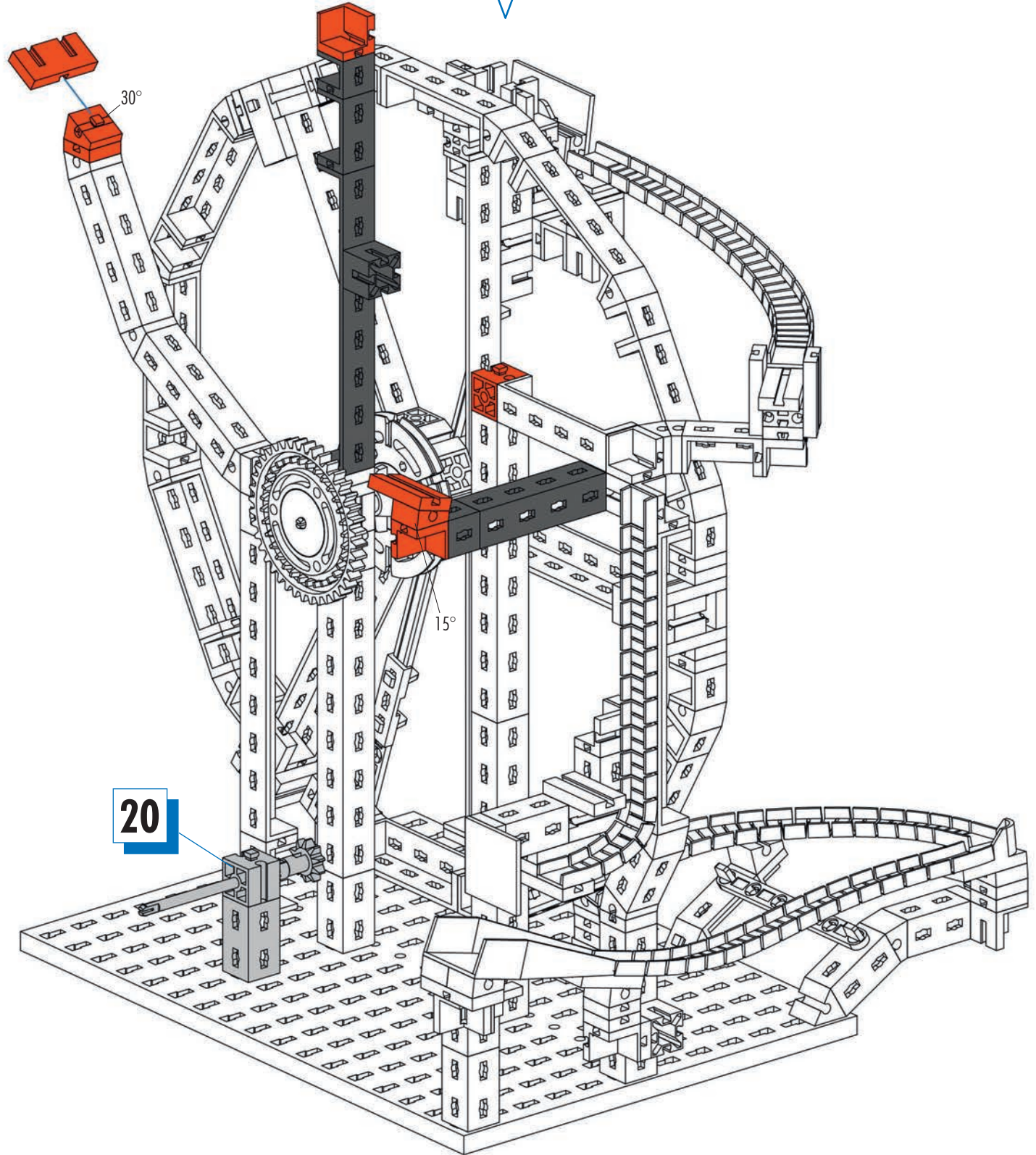
- 15 1x
- 1x
- 1x
- 1x
- 1x
- 1x
- 1x

75 mm

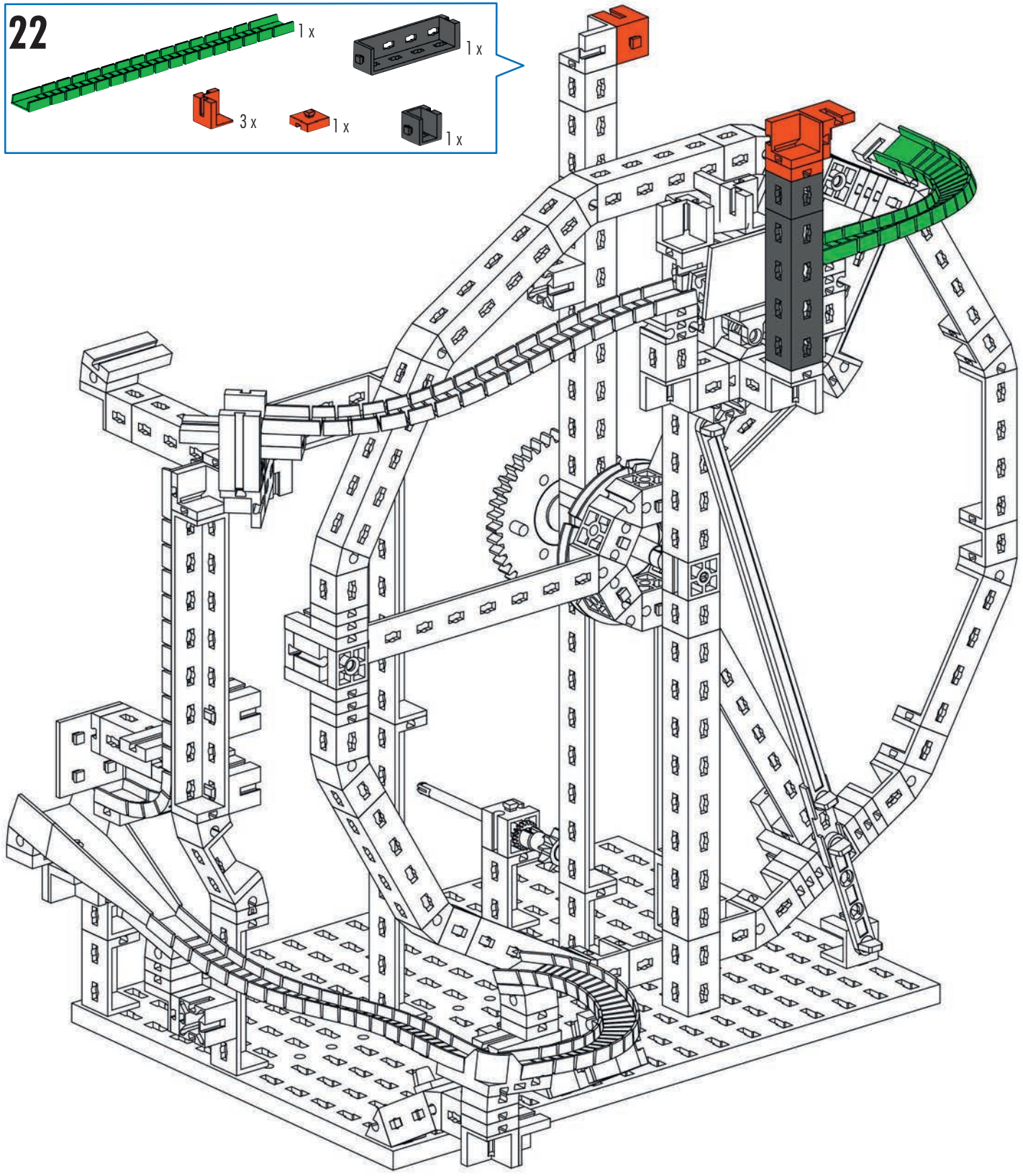
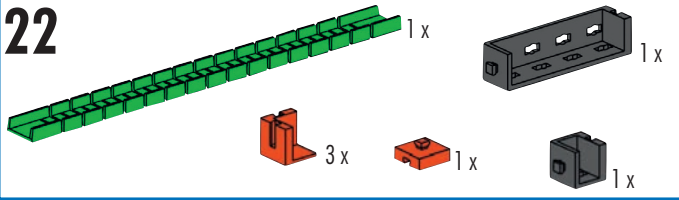


21

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

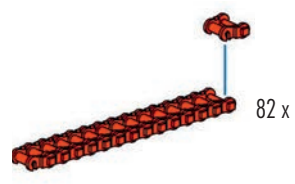


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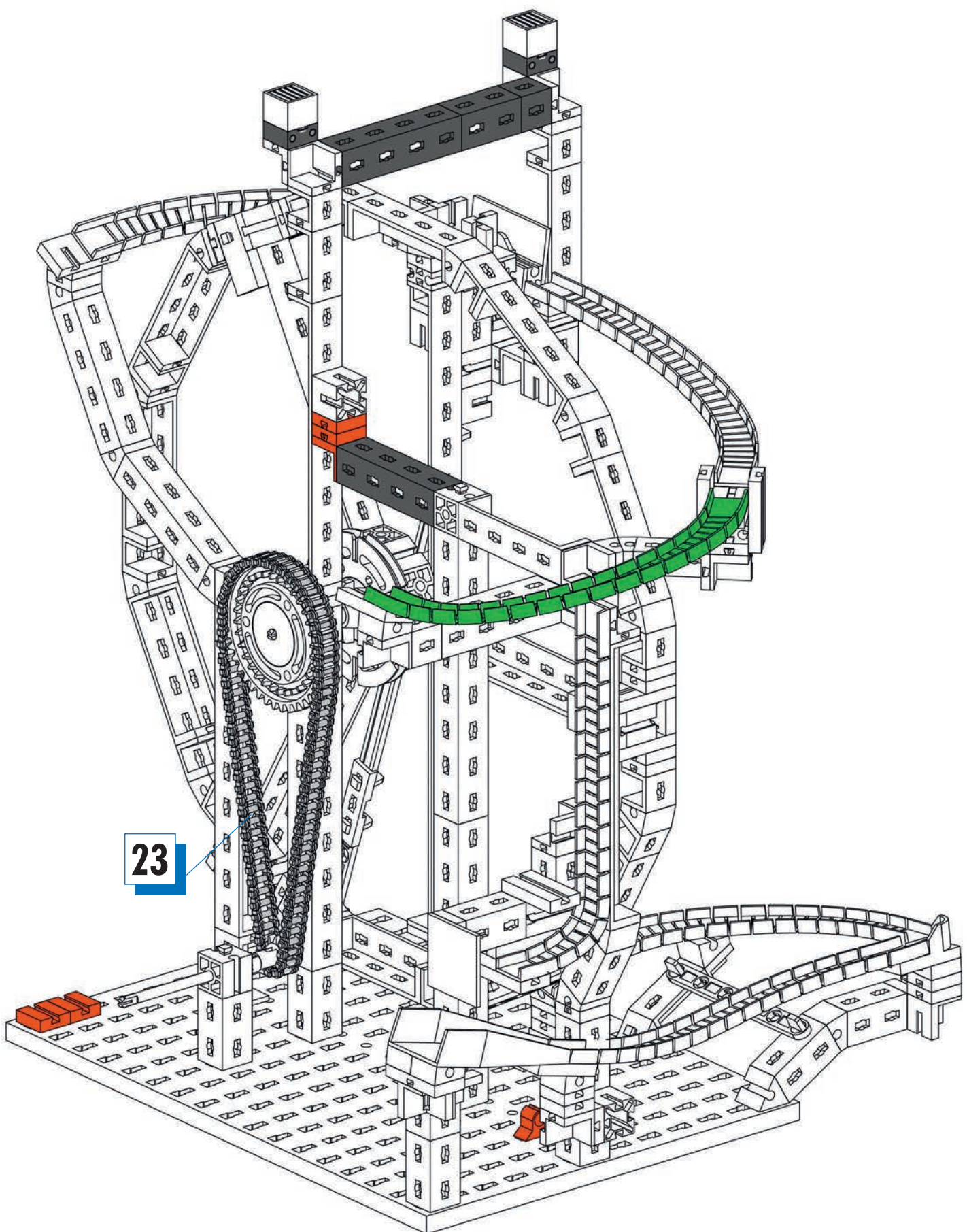
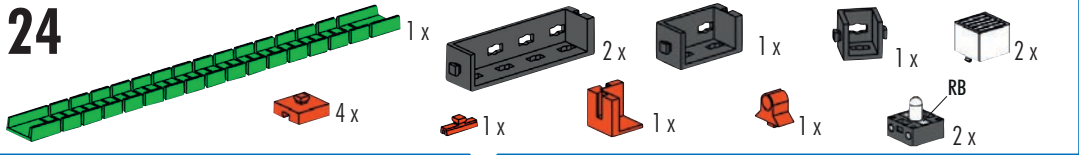


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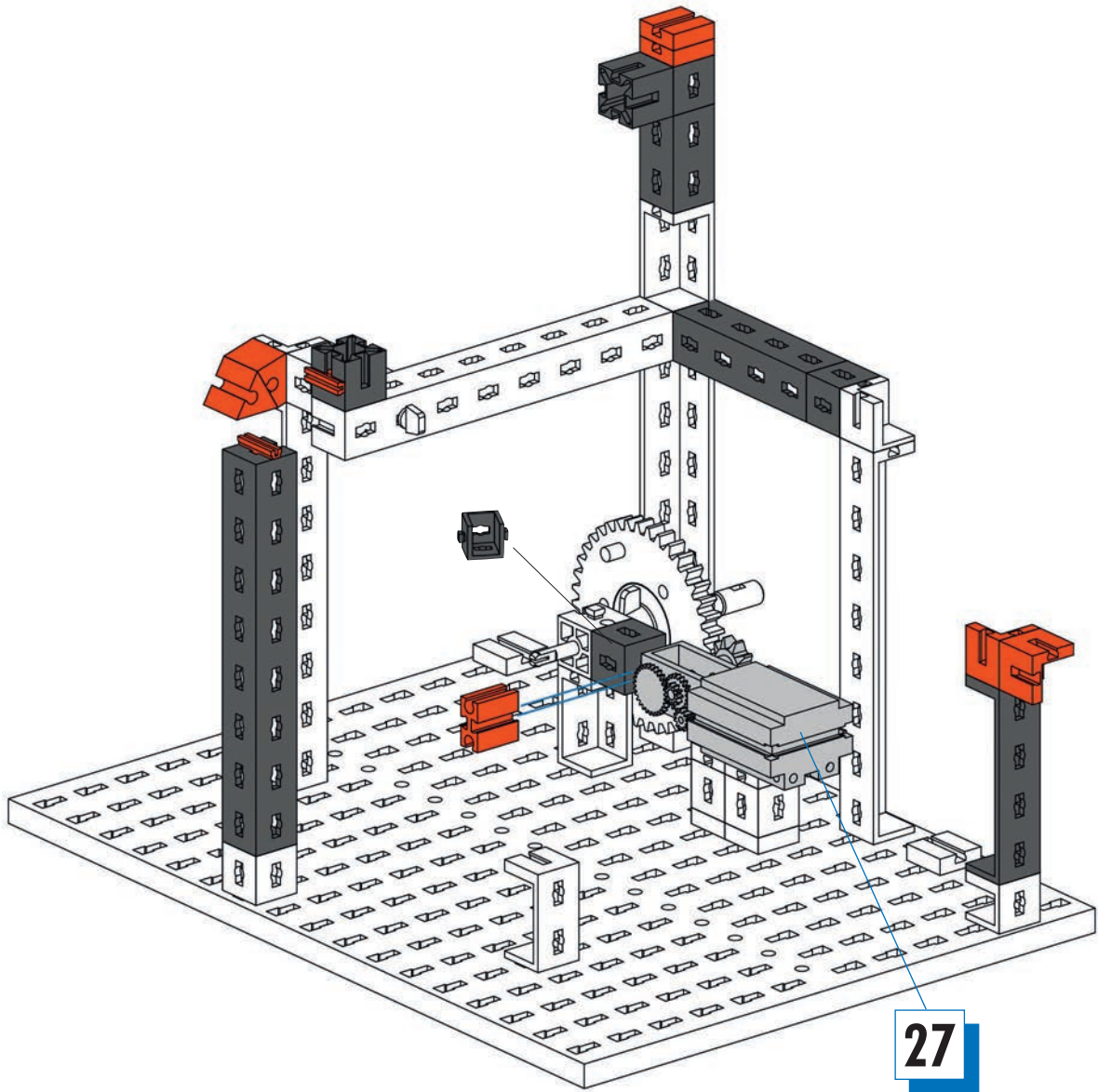
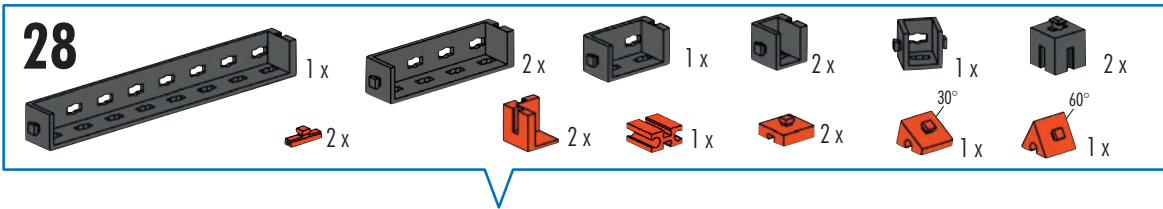
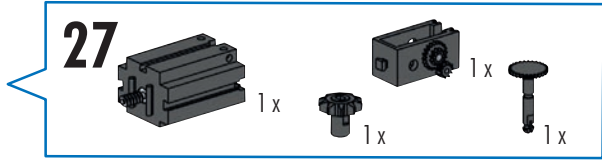
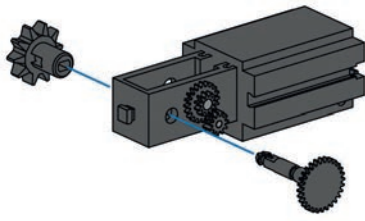
82 x

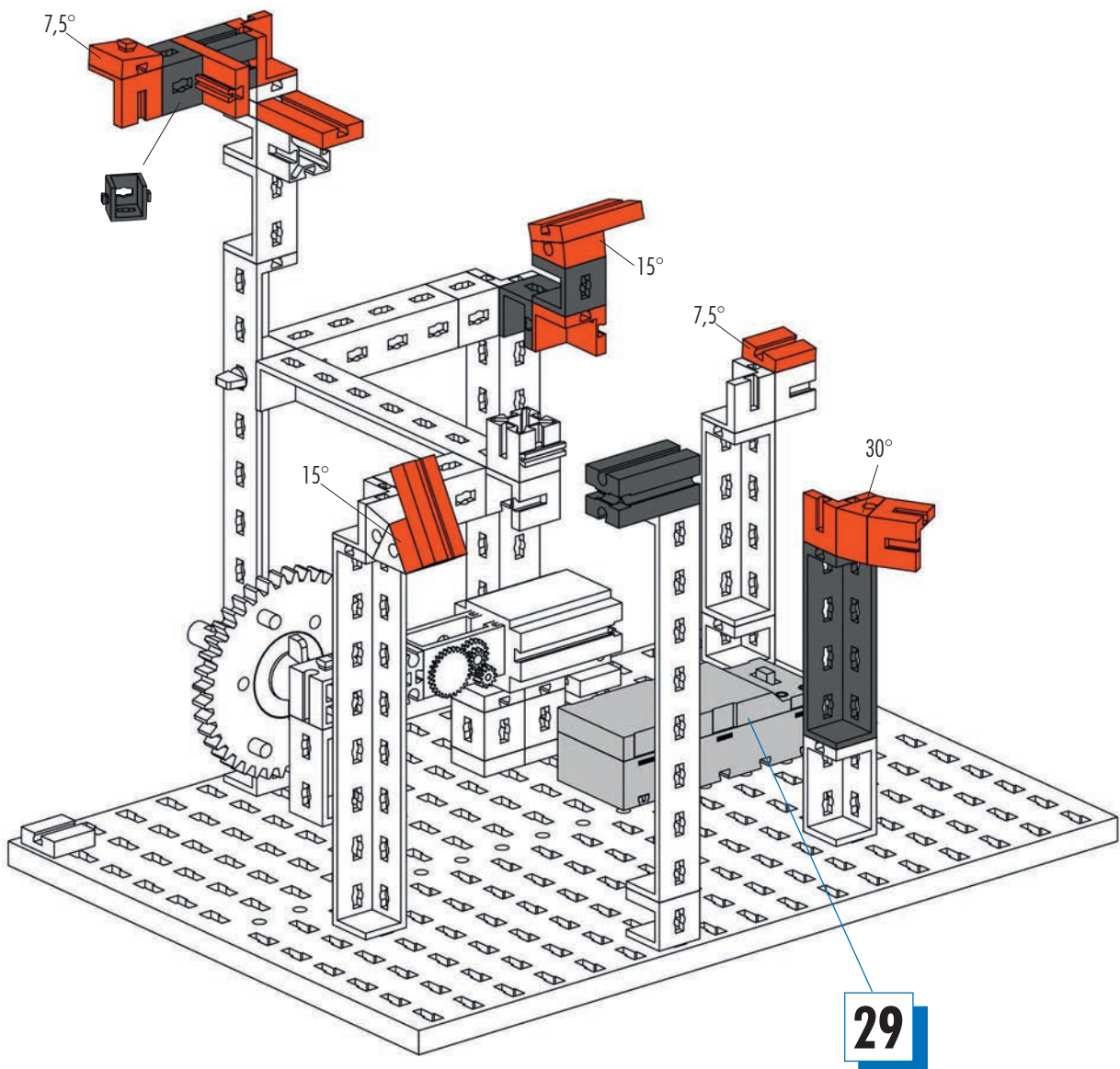
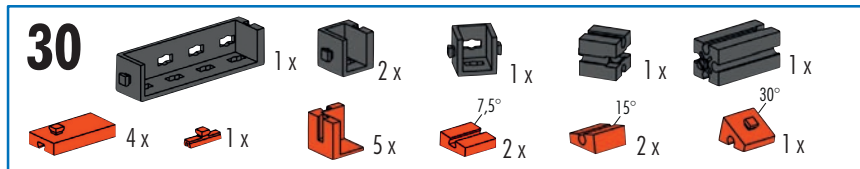
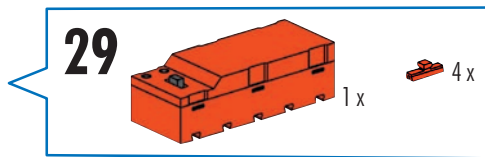
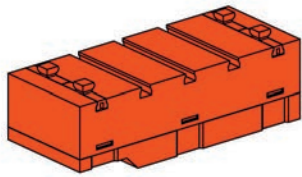


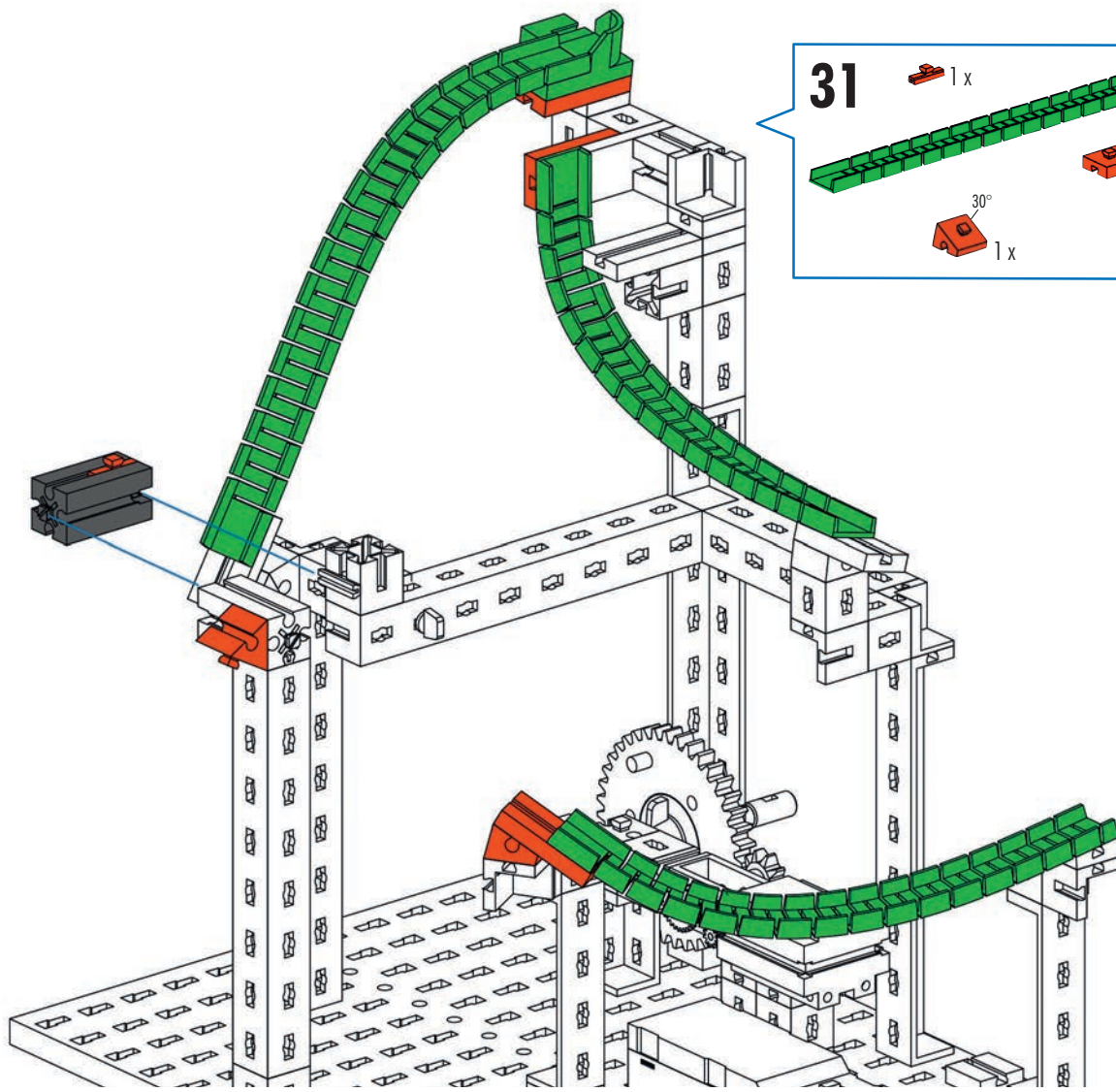
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23

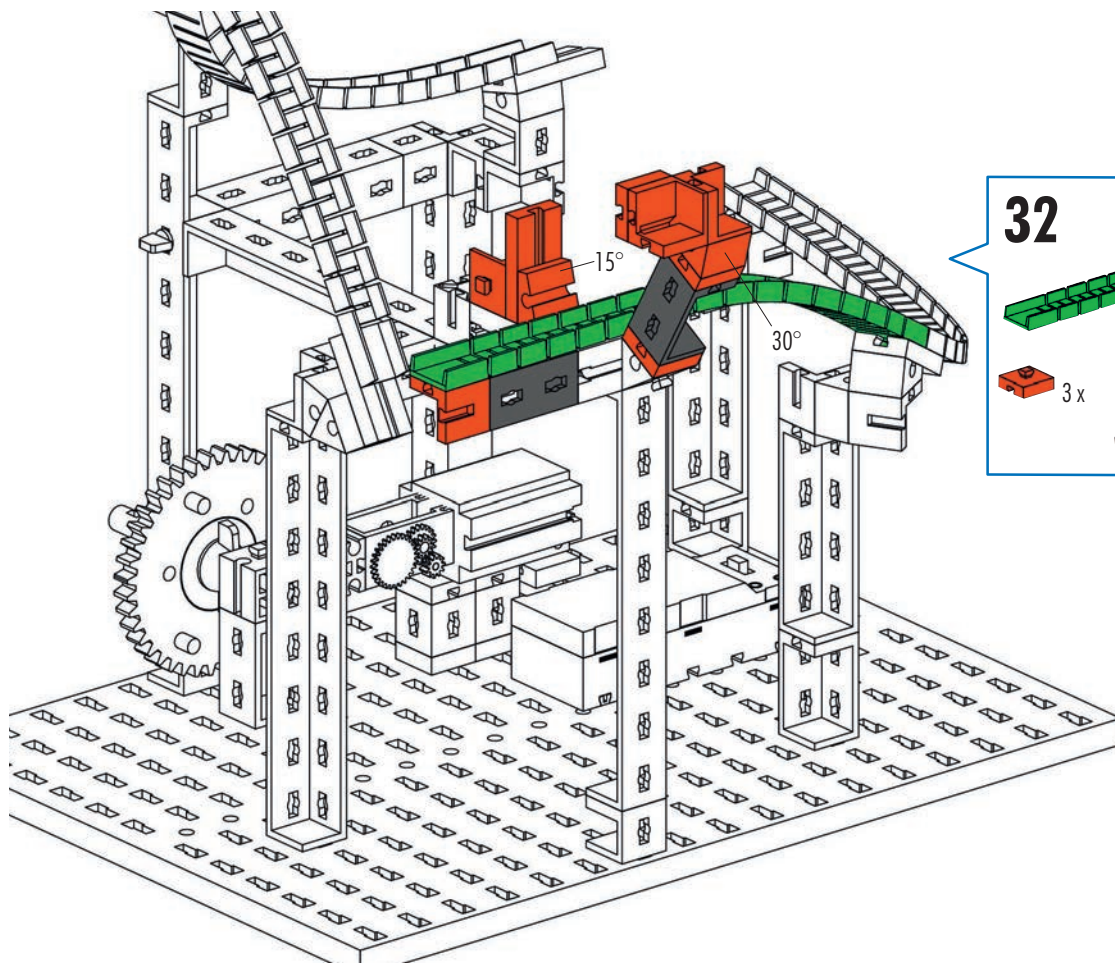






31

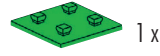
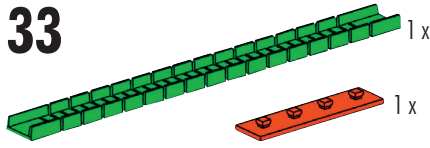
- 1 x (Red Technic 1x2 Pin)
- 3 x (Green Technic 1x15 Beam)
- 1 x (Grey Technic Axle Connector)
- 3 x (Red Technic 1x2 Pin)
- 1 x (Red Technic 30° Technic Pin)
- 1 x (Red Technic 60° Technic Pin)
- 1 x (Green Technic 1x3 Technic Connector)



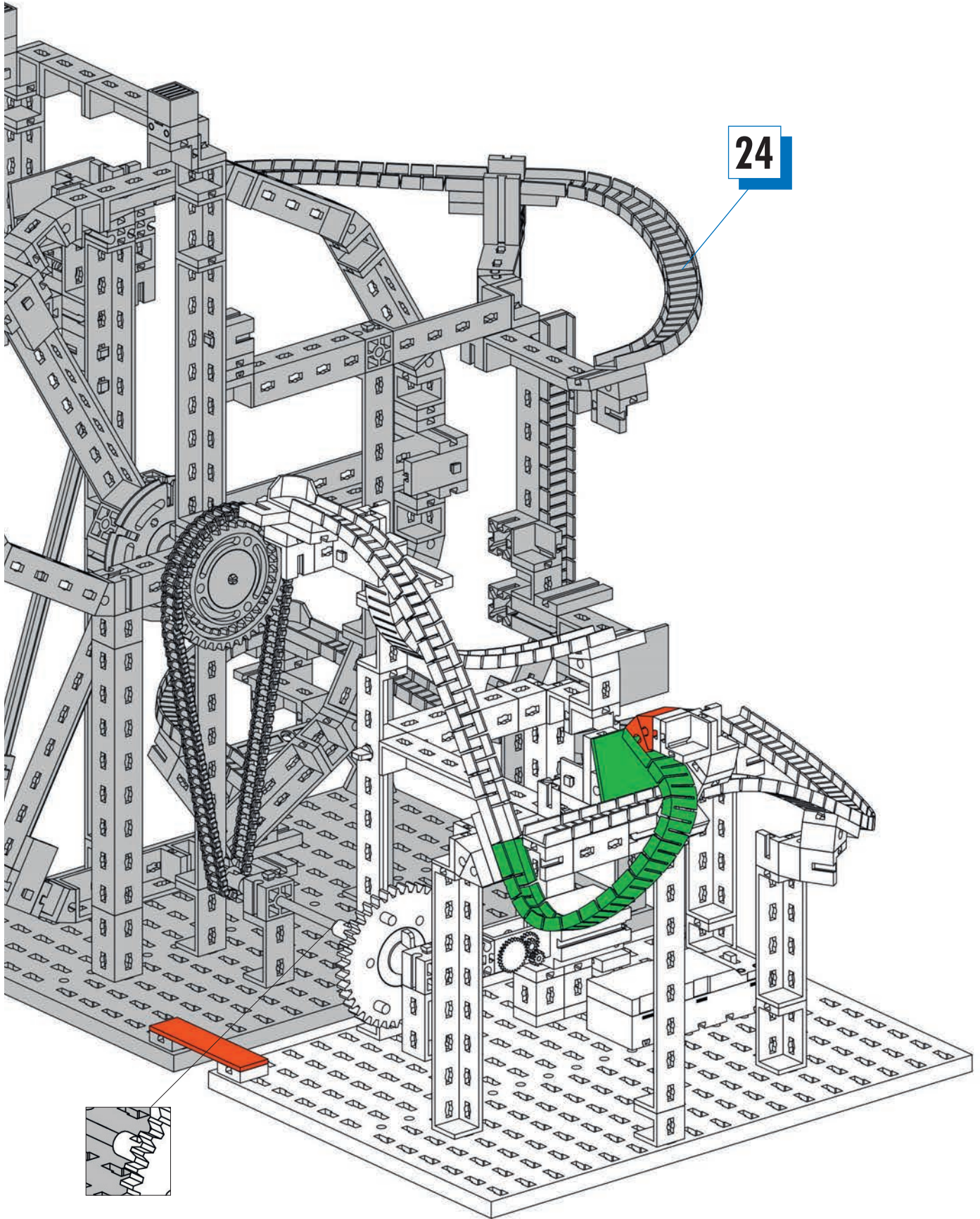
32

- 1 x (Green Technic 1x15 Beam)
- 2 x (Grey Technic Axle Connector)
- 3 x (Red Technic 1x2 Pin)
- 1 x (Red Technic 1x2 Pin)
- 1 x (Red Technic 15° Technic Pin)
- 1 x (Red Technic 30° Technic Pin)
- 4 x (Red Technic 1x2 Pin)

33

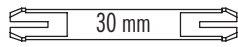


24



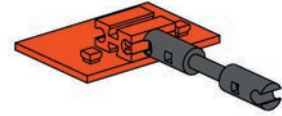
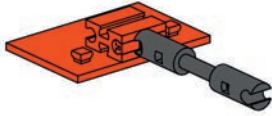
34

- Dynamic 1x
- 30 1x
- 1x (orange)
- 1x (orange)
- 2x (grey)



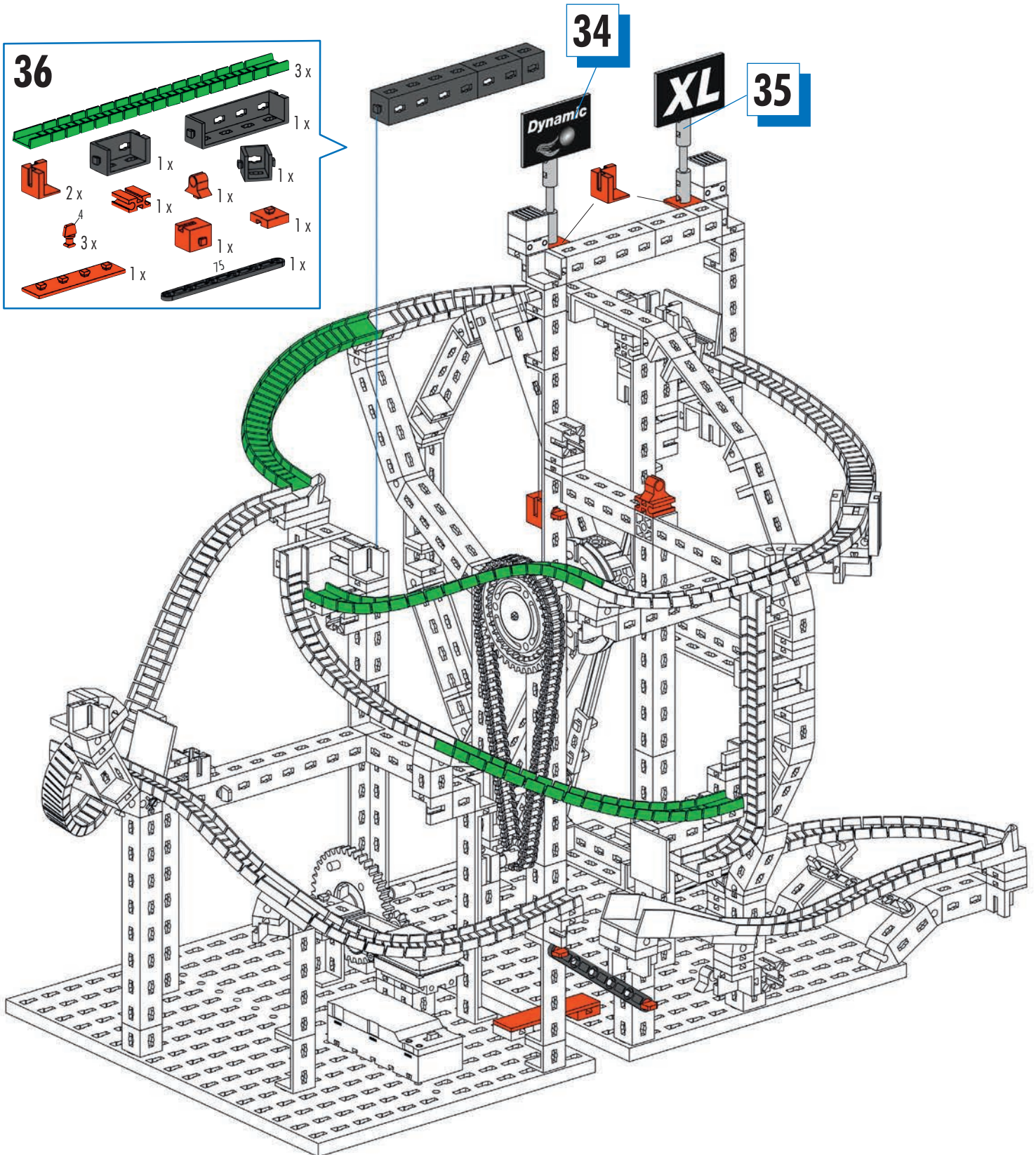
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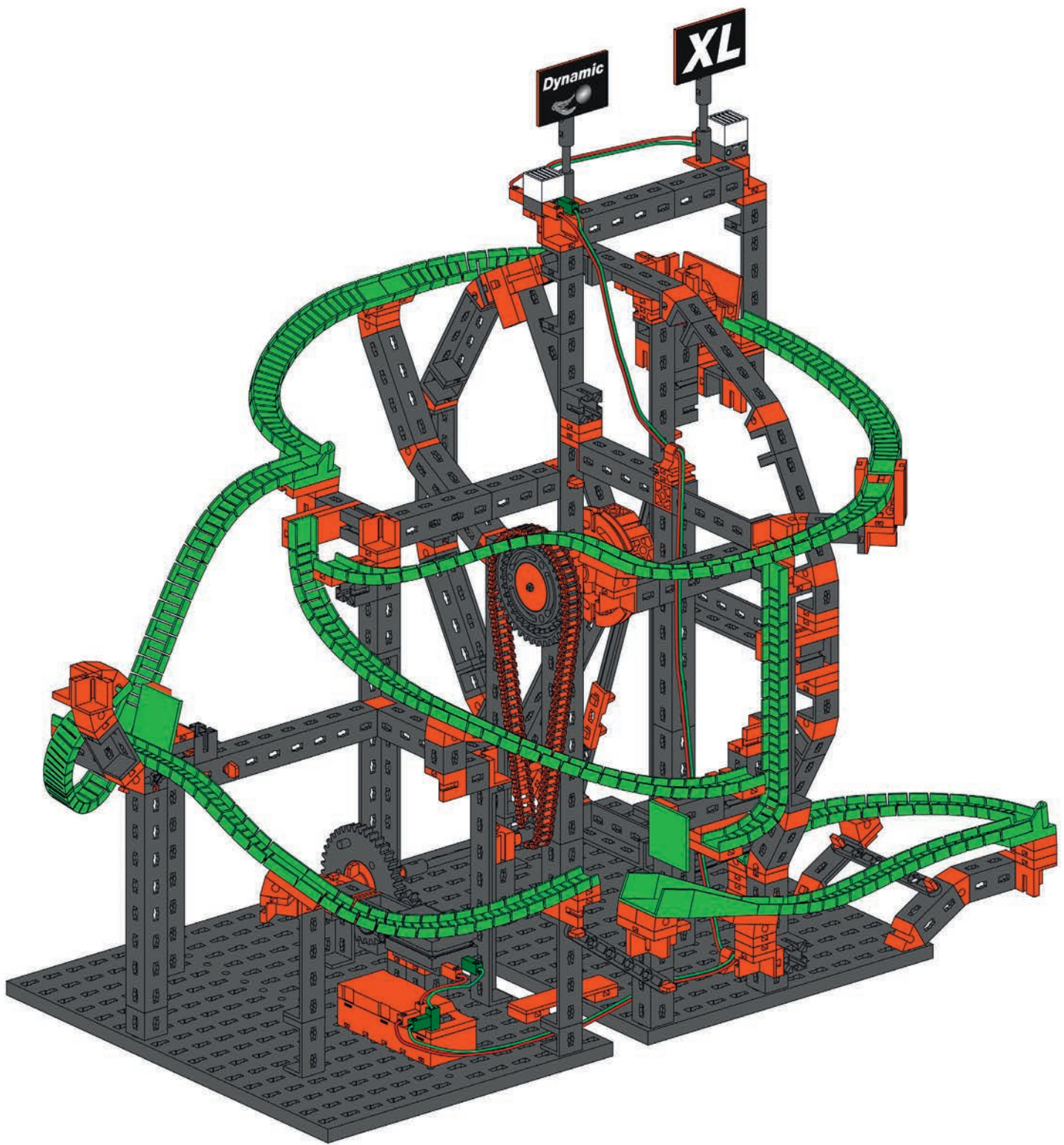
- XL 1x
- 30 1x
- 1x (orange)
- 1x (orange)
- 2x (grey)



36

- 3x (green)
- 1x (grey)
- 1x (grey)
- 2x (orange)
- 1x (orange)
- 1x (orange)
- 3x (orange)
- 1x (orange)
- 1x (orange)
- 1x (black)
- 1x (black)

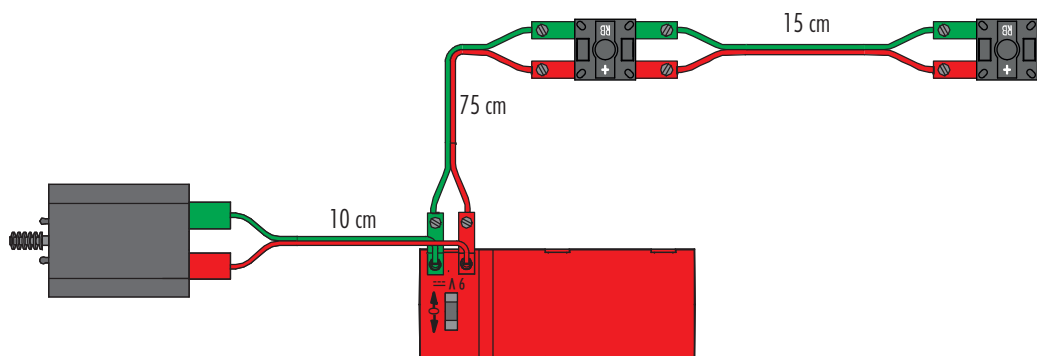


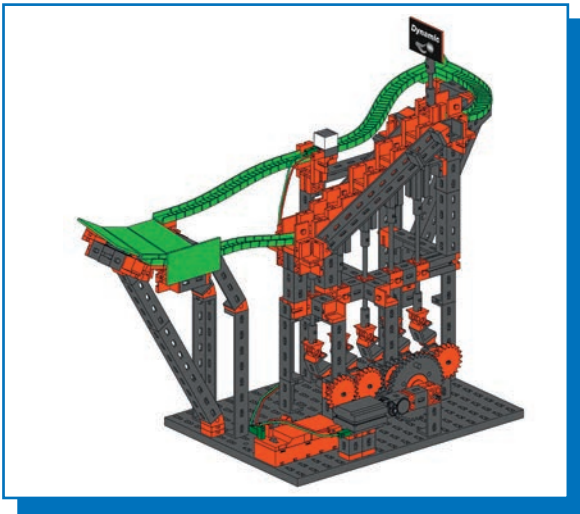


Schaltplan
Circuit diagram
Plan électrique

Schakelschema
Diagrama de circuitos
Plano elétrico de ligação

Schema elettrico
Схема подключения
电路图

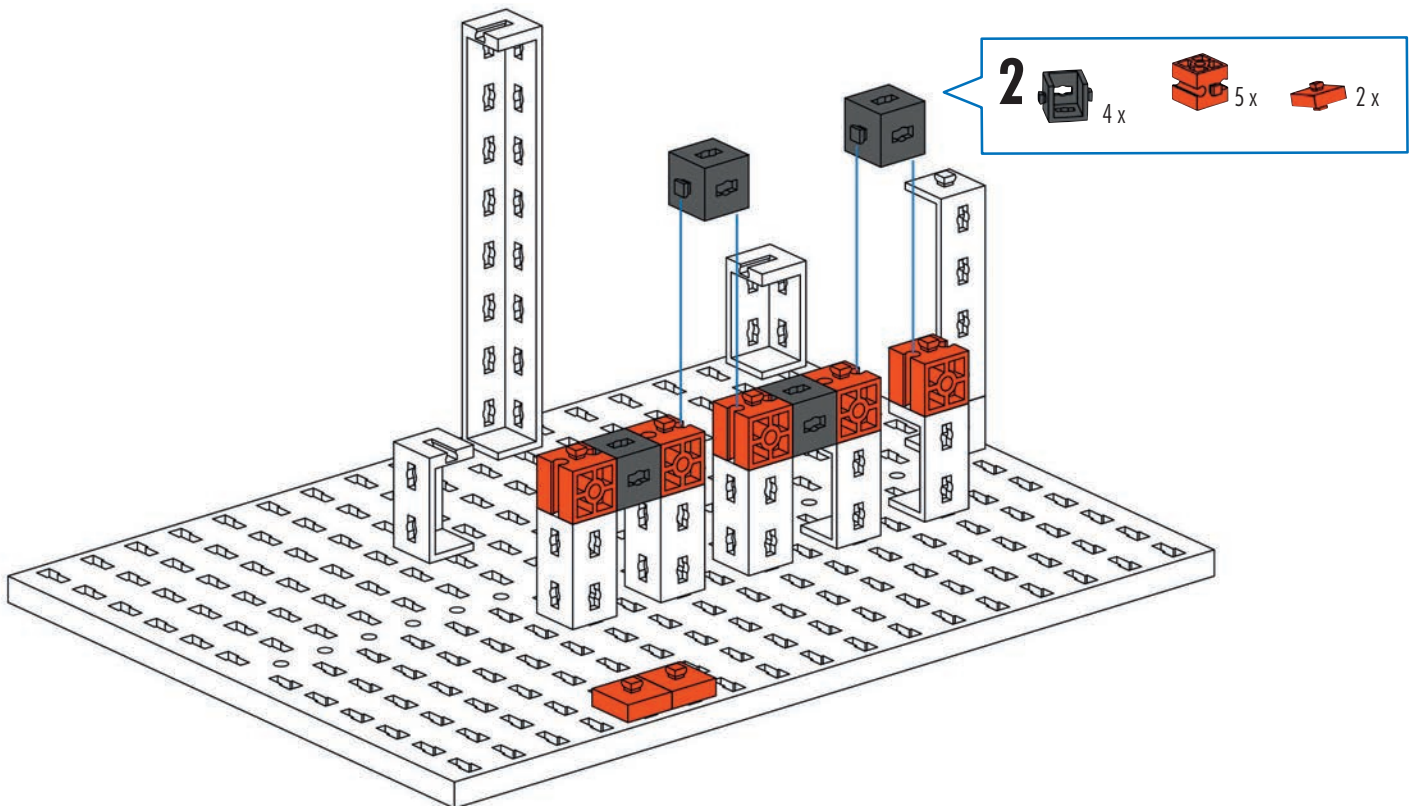
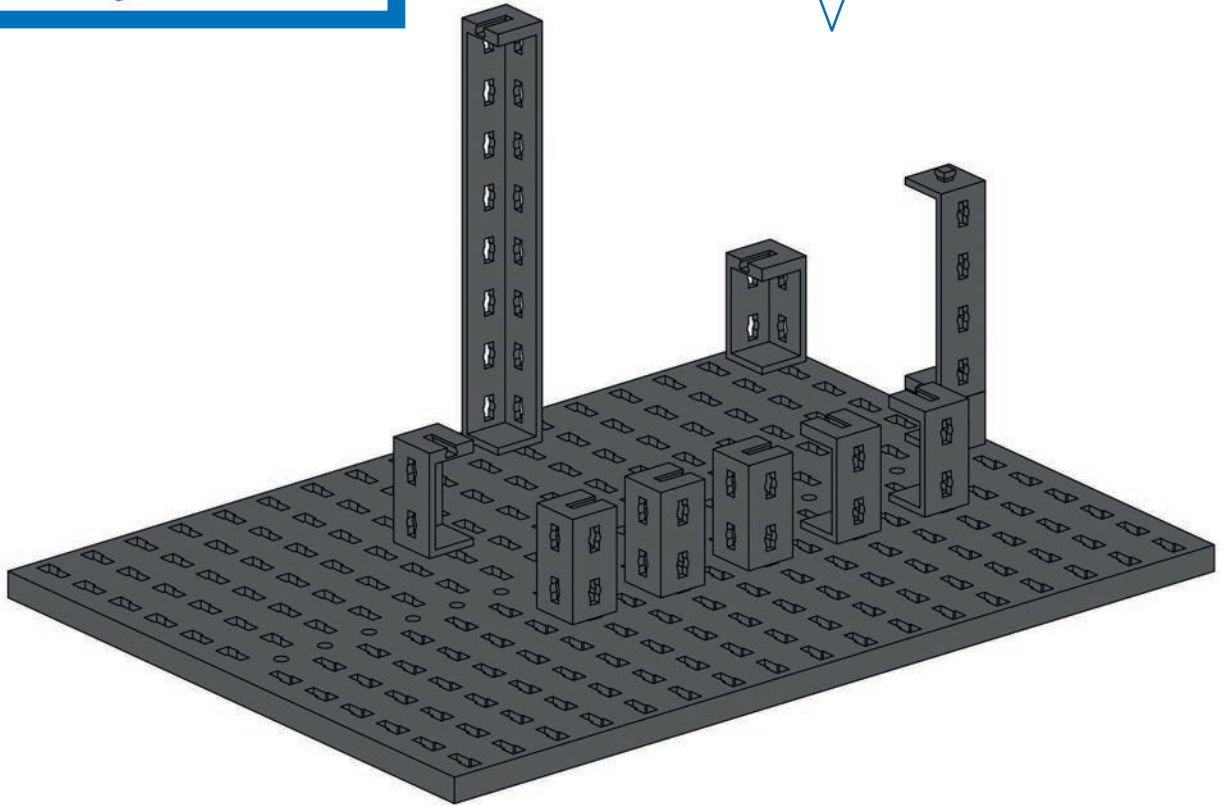
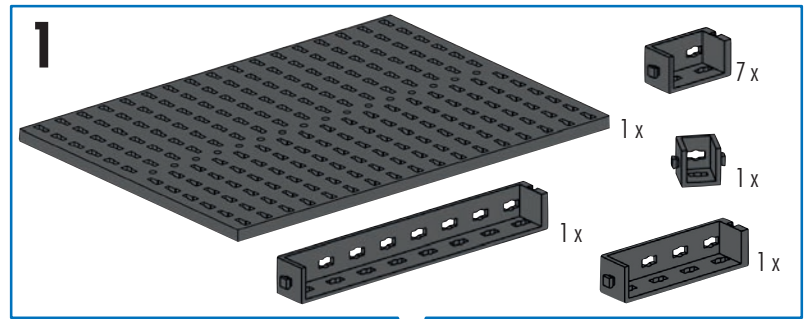


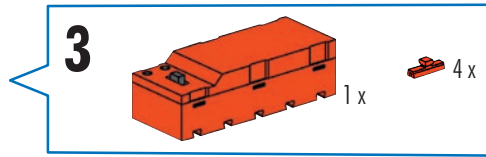
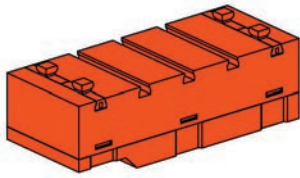


Treppenförderer
Stair step conveyor
Monte-escalier

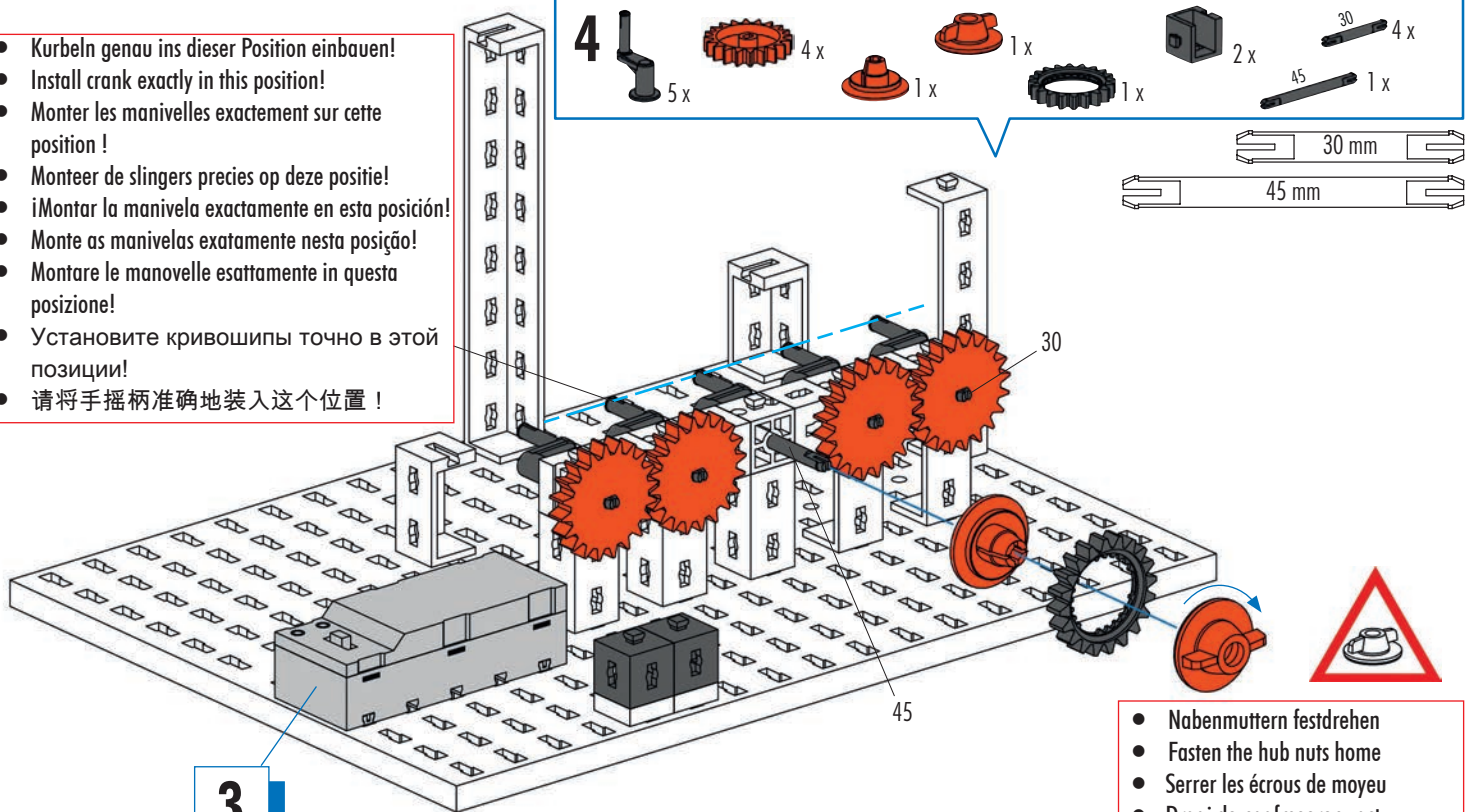
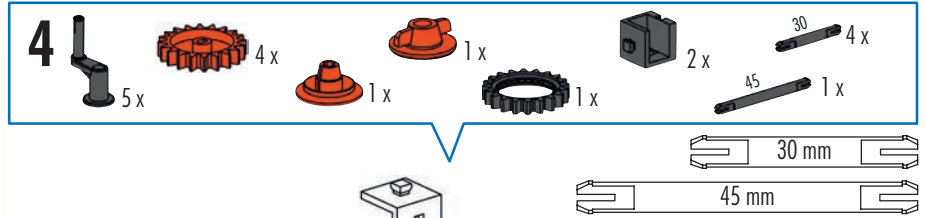
Trapsgewijze transporteur
Transportador de escalera
Transportadora de escada

Convogliatore a scala
Лестничный
транспортёр
阶梯式输送机



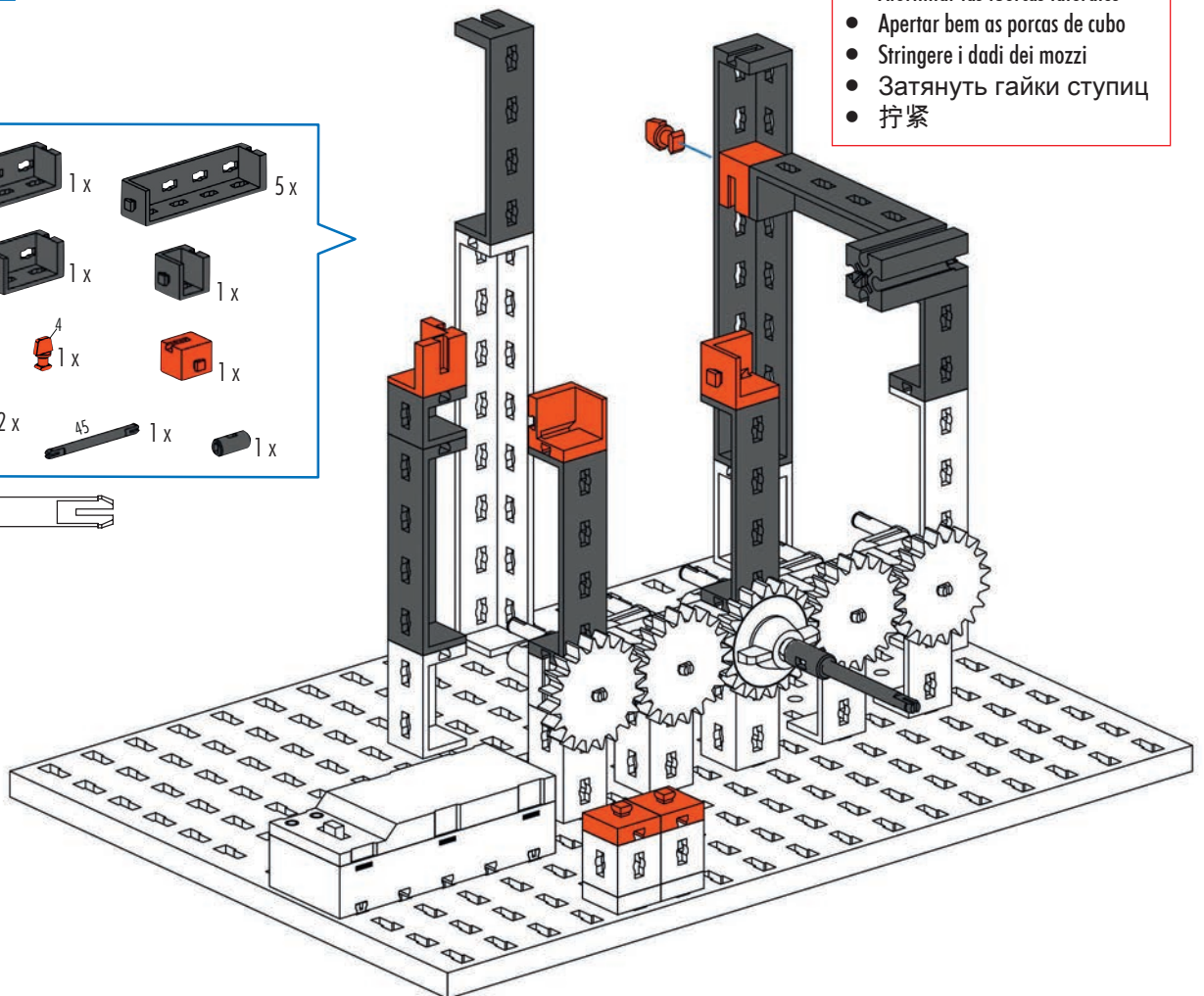
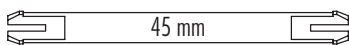
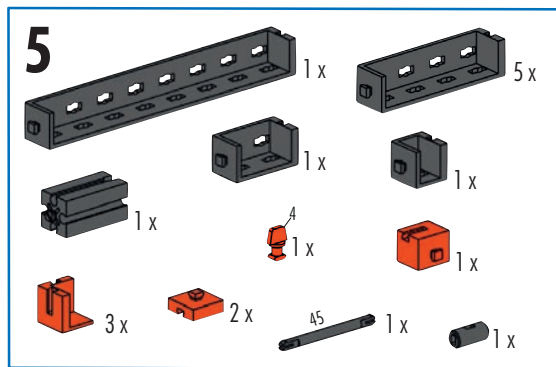






- Kurbeln genau ins dieser Position einbauen!
- Install crank exactly in this position!
- Monter les manivelles exactement sur cette position !
- Monteer de slingers precies op deze positie!
- iMontar la manivela exactamente en esta posición!
- Monte as manivelas exatadamente nesta posição!
- Montare le manovelle esattamente in questa posizione!
- Установите кривошпы точно в этой позиции!
- 请将手摇柄准确地装入这个位置！

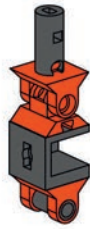


3







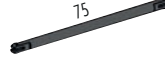
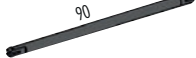
- Nabenmuttern festdrehen
- Fasten the hub nuts home
- Serrer les écrous de moyeu
- Draai de naafmoeren vast
- Atornillar las tuercas laterales
- Apertar bem as porcas de cubo
- Stringere i dadi dei mozzi
- Затянуть гайки ступиц
- 拧紧

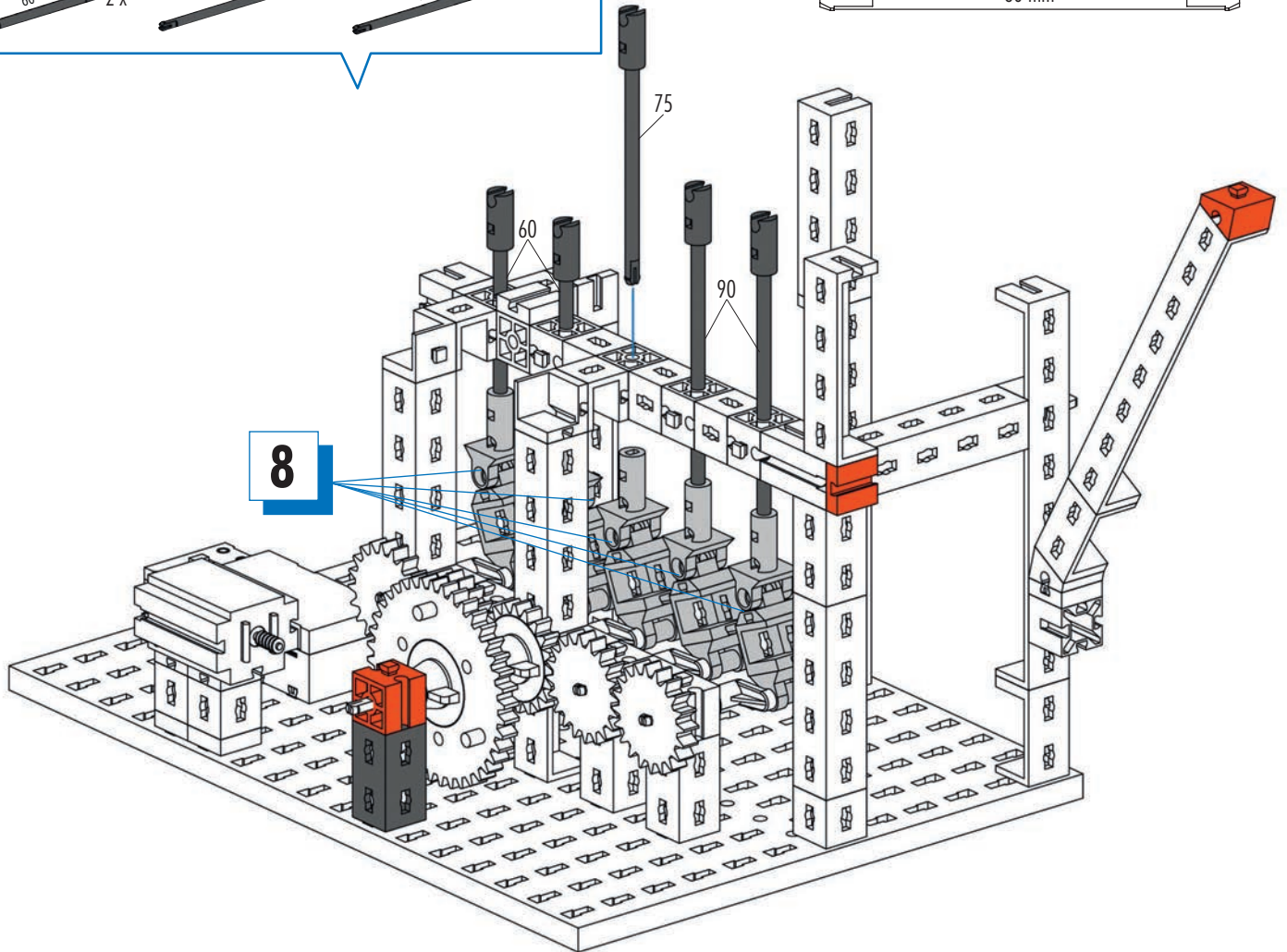
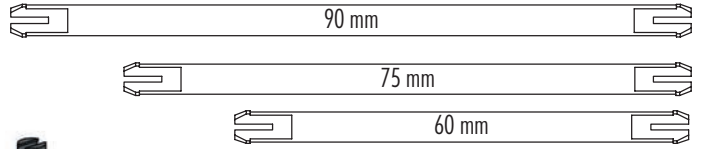








- 8**  5x  5x  5x  5x

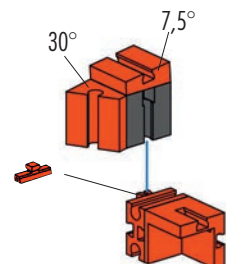


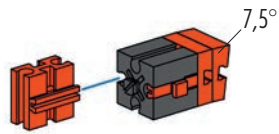
5 x

- 9**  1x  1x  1x  5x  1x
-  2x  1x  2x



- 10**  1x  1x  1x  1x  1x  1x


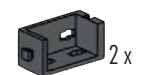











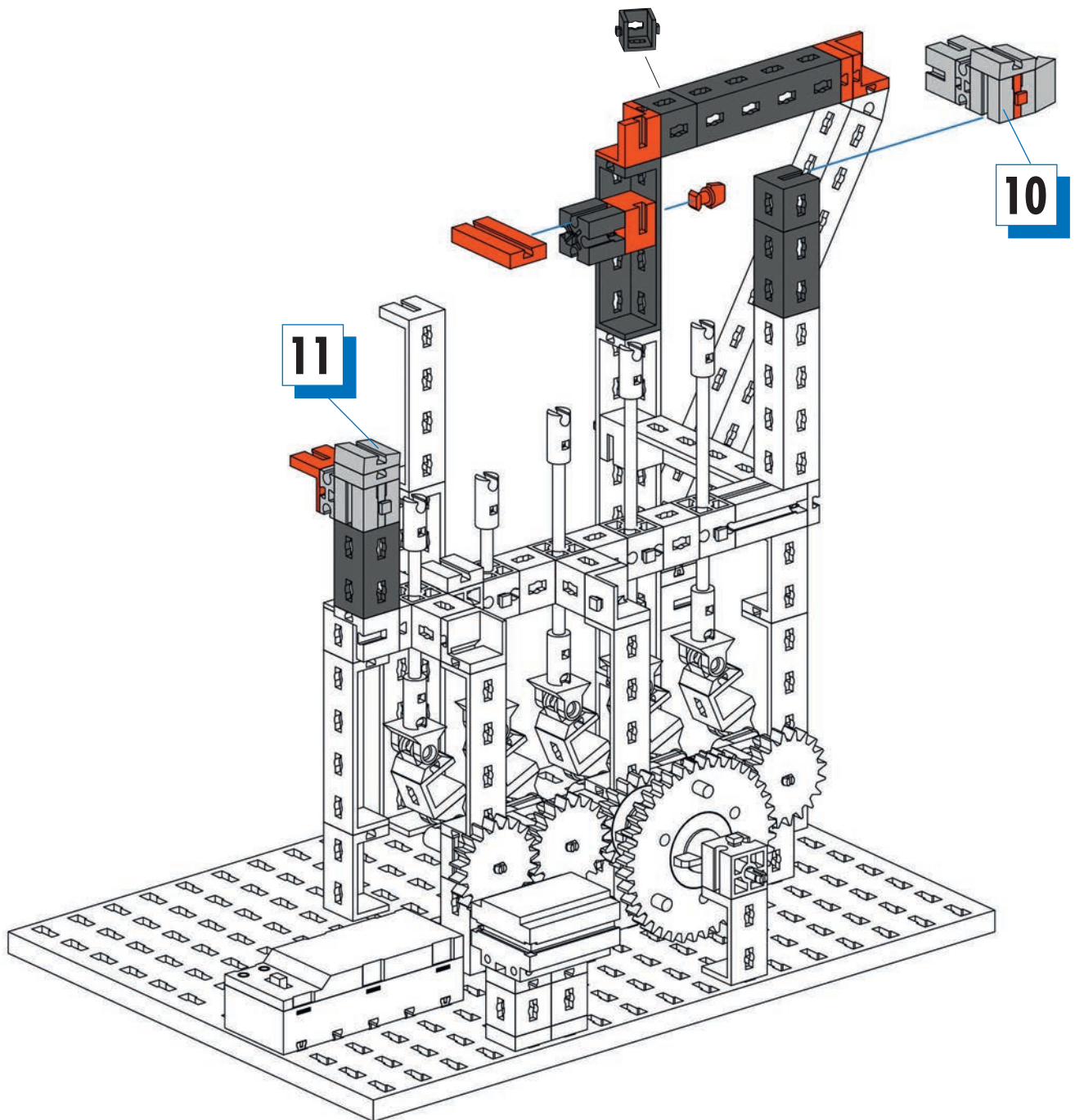


11

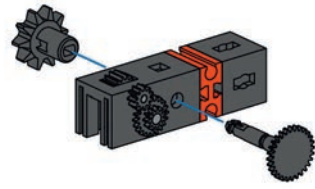
-  1x
-  1x
-  2x
-  1x
-  1x

12

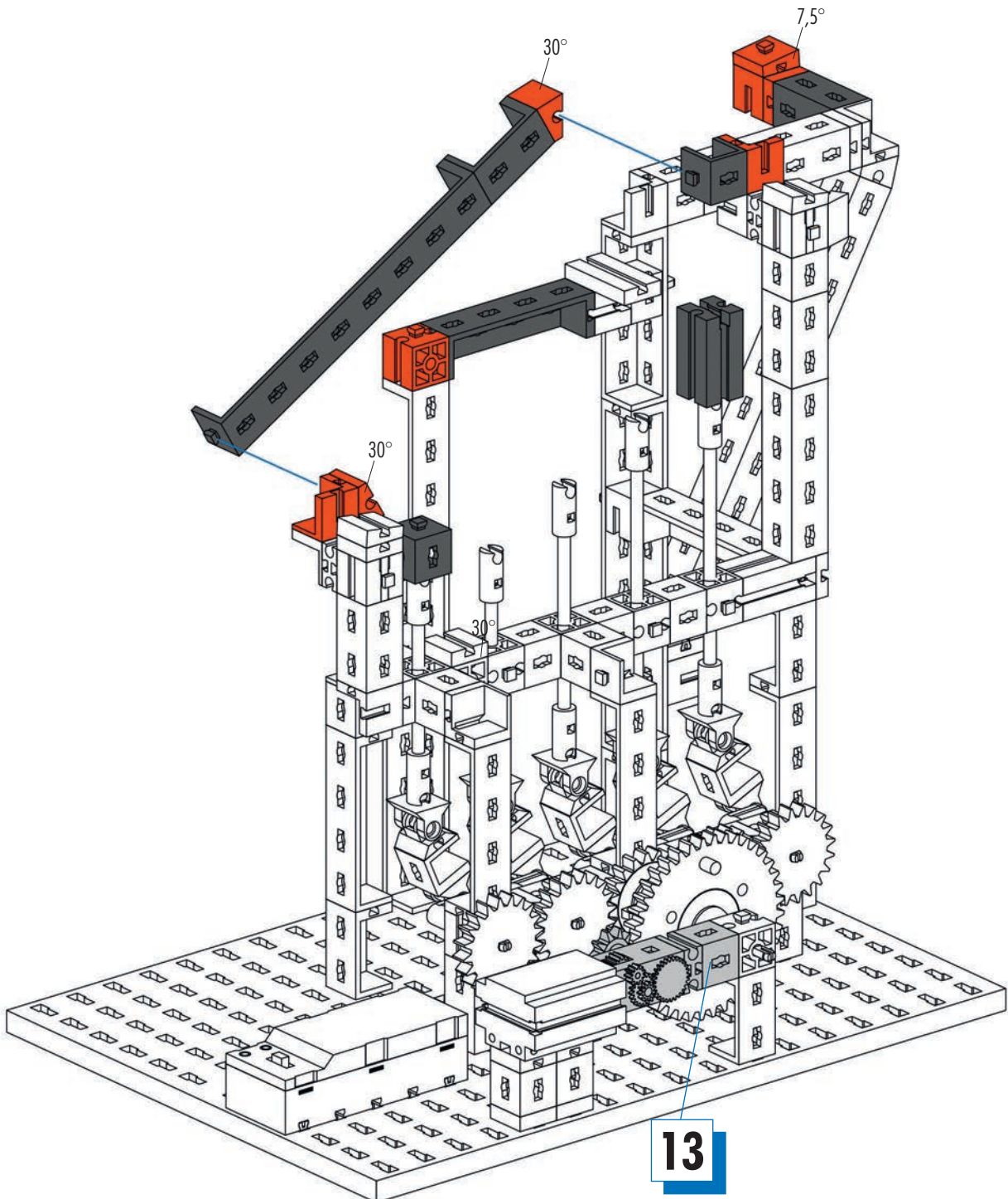
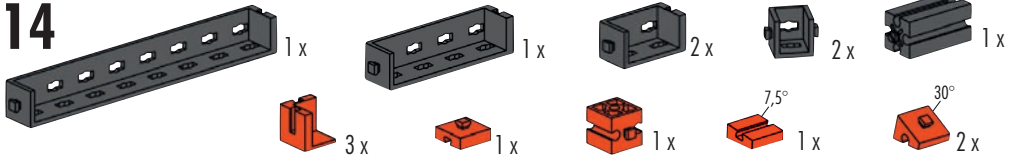
-  2x
-  2x
-  1x
-  1x
-  1x
-  1x
-  3x
-  1x
-  1x
-  1x
-  1x

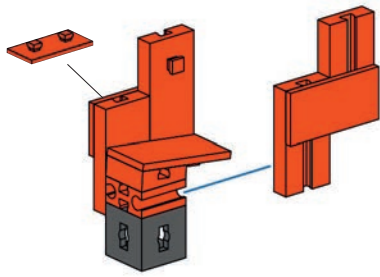


13



14





15



1x



1x



1x

7,5°

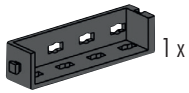


3x



4x

16



1x



1x



1x



2x

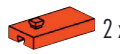


1x

7,5°



2x



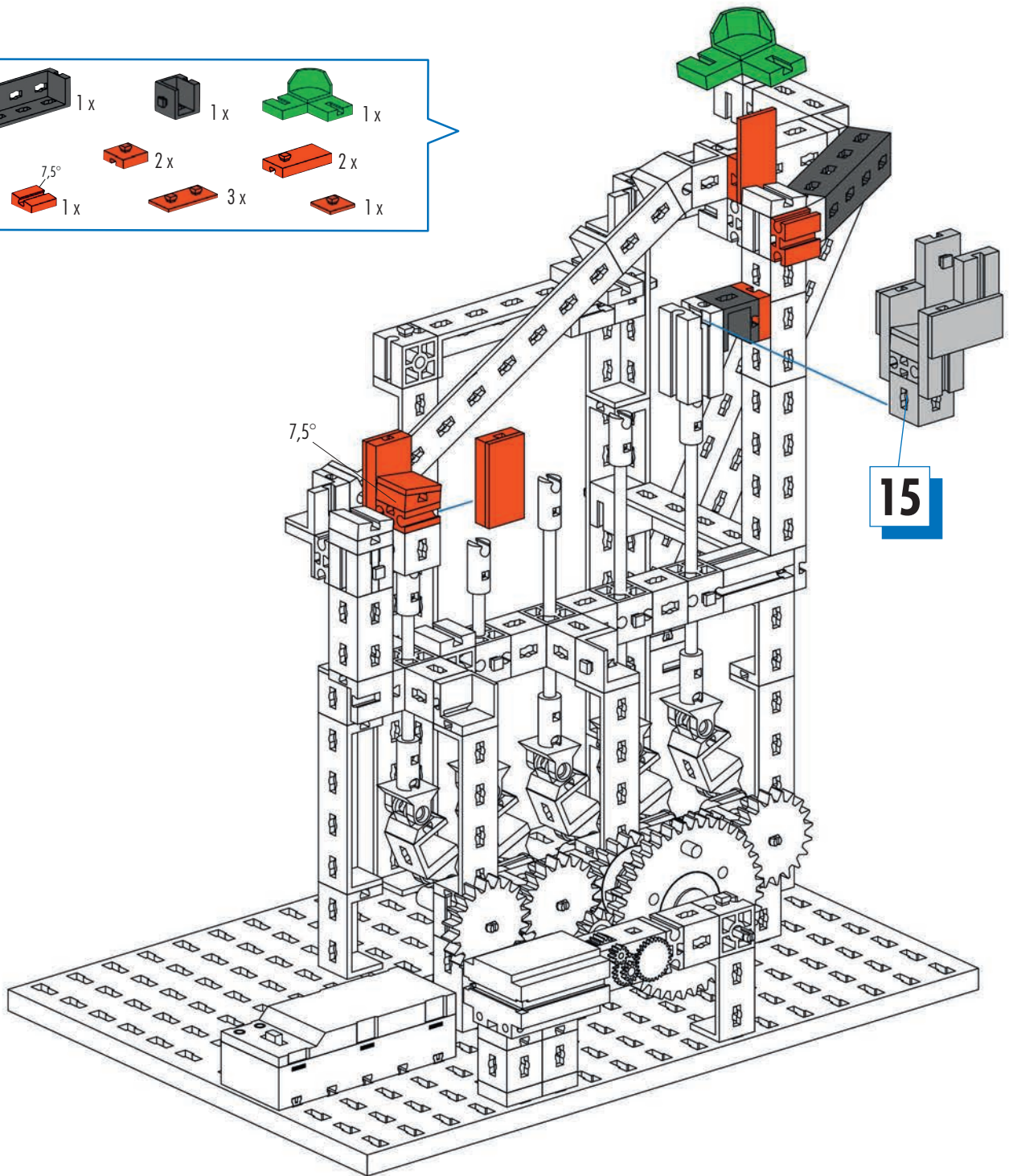
2x



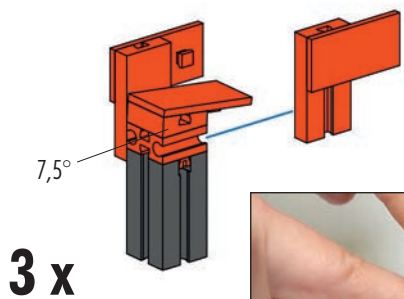
3x



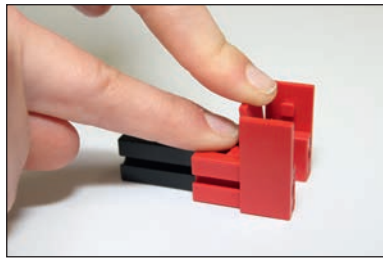
1x



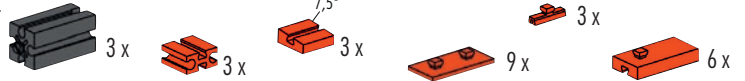
15



3 x

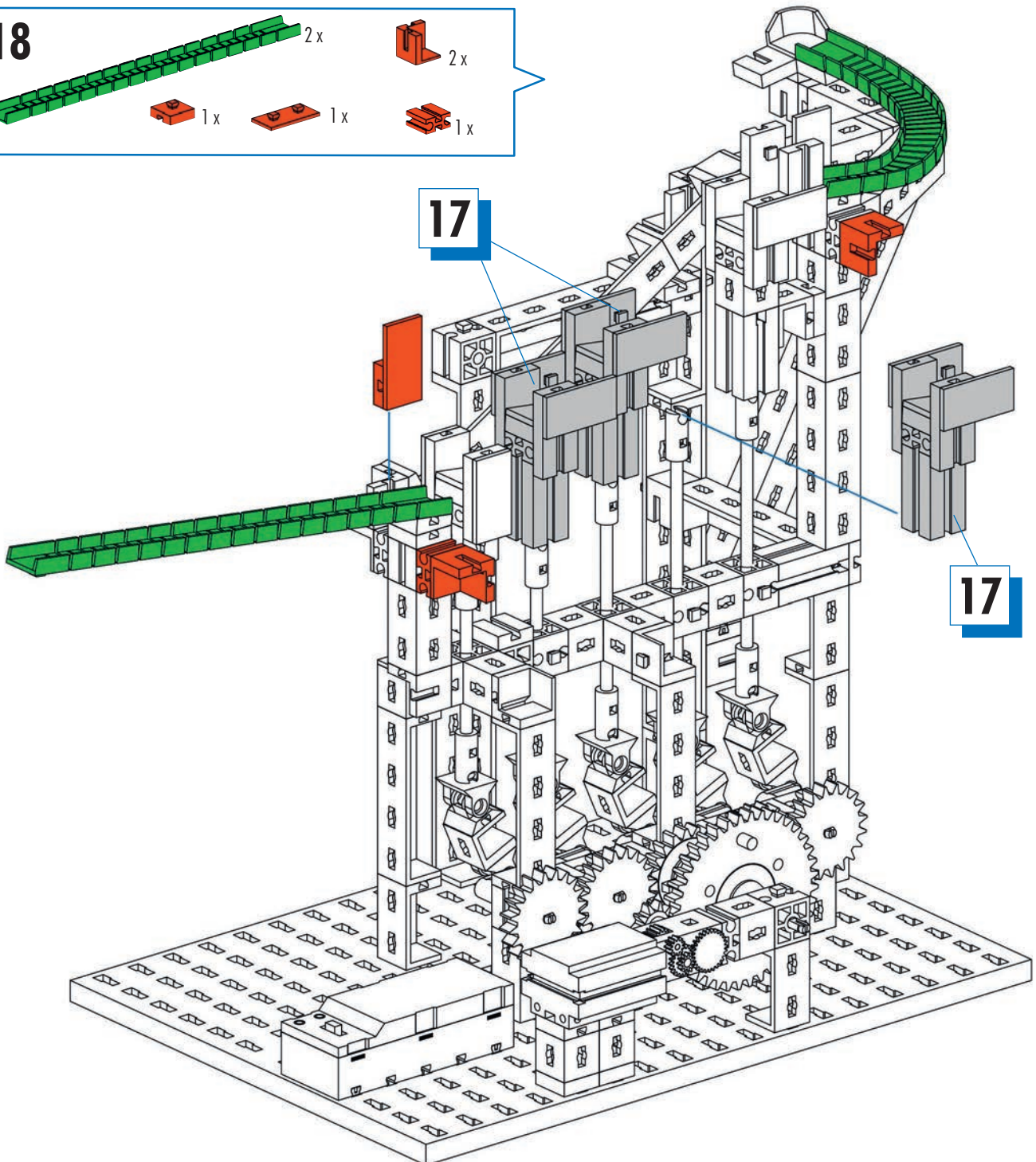
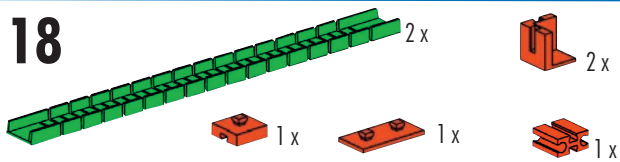


17

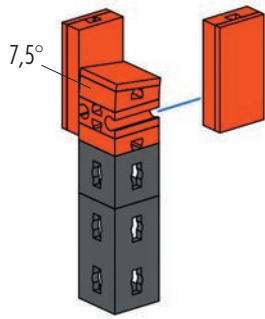


- Bauteile herunterdrücken damit keine Kante mehr vorhanden ist.
- Press component down so that edges are no longer present.
- Faire pression sur les éléments de construction jusqu'à ce qu'il n'y ait plus d'arête.
- Druk de onderdelen naar beneden zodat er geen rand meer is.
- Presionar los componentes hacia abajo para que ya no exista borde.
- Pressione os componentes para baixo, fazendo com que as bordas desapareçam.
- Spingere i componenti verso il basso affinché non rimangano bordi sporgenti.
- Надавите на детали, чтобы не было кромки.
- 将部件向下压入，由此可避免出现棱角。

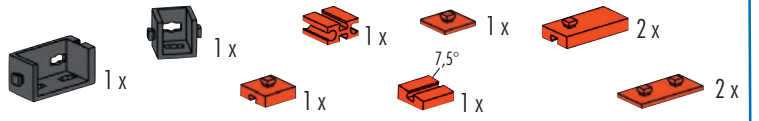
18



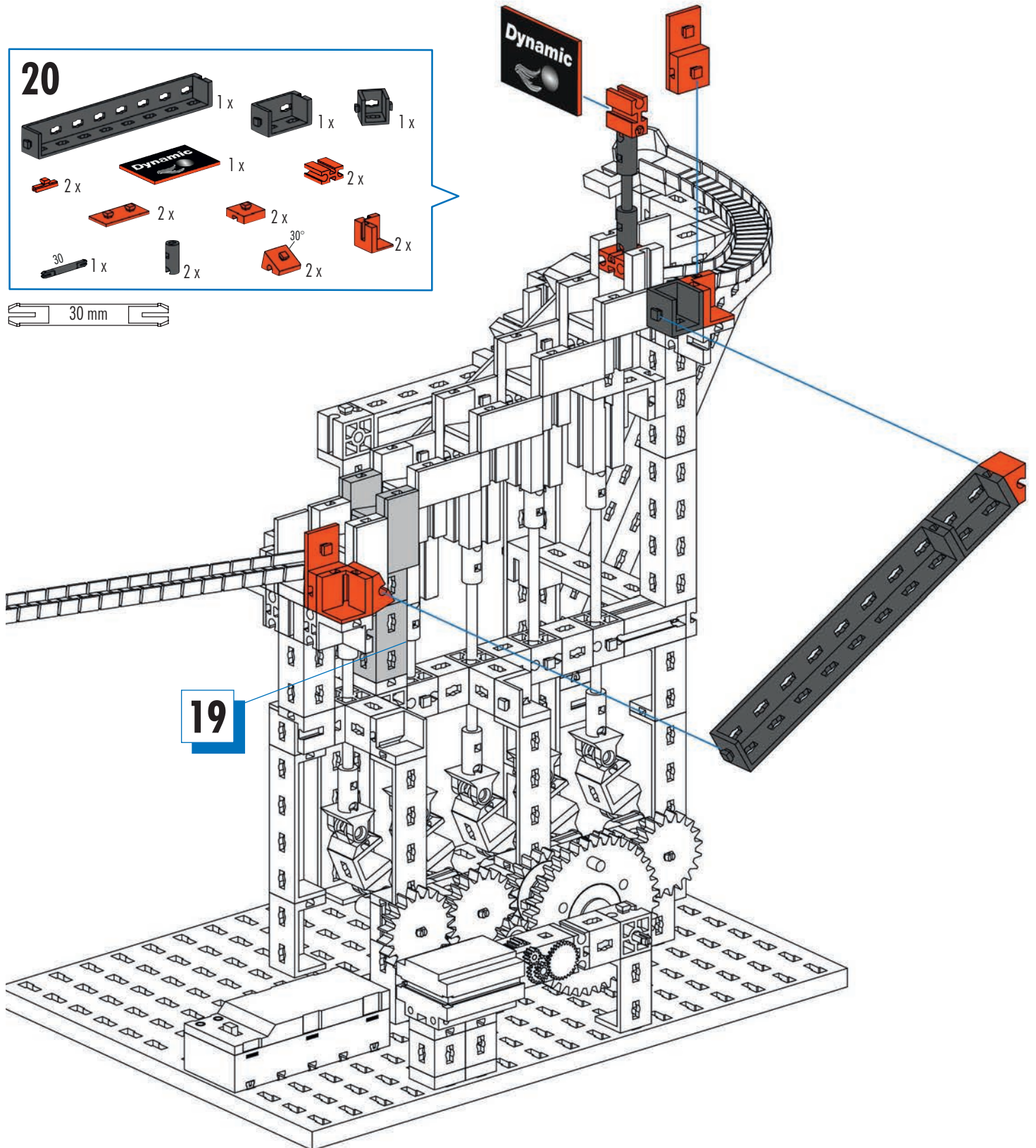
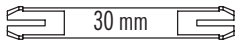
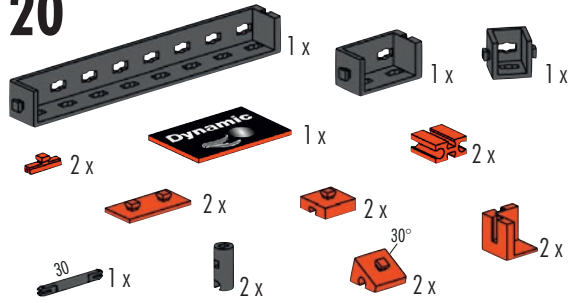
17



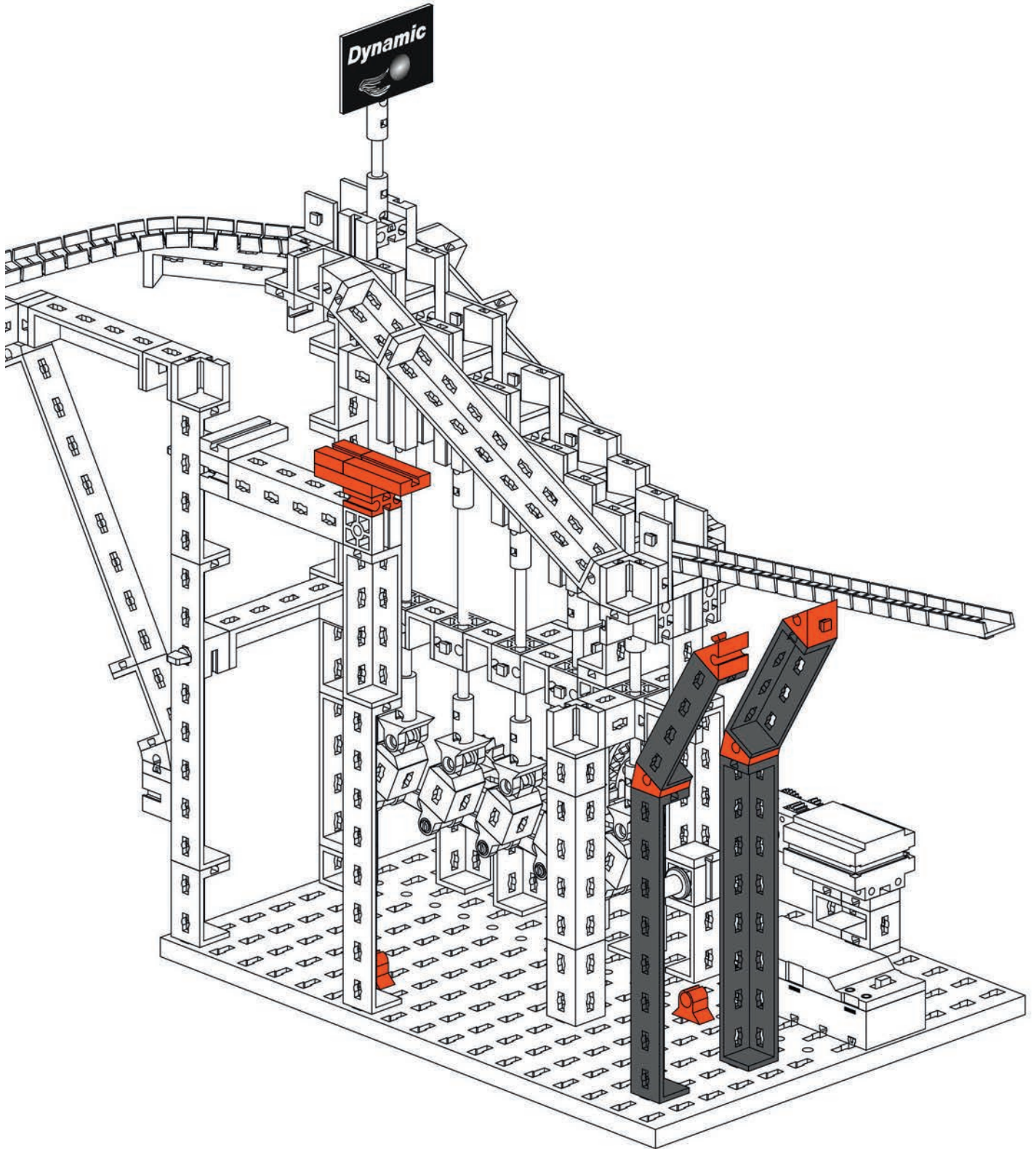
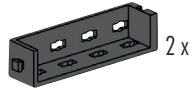
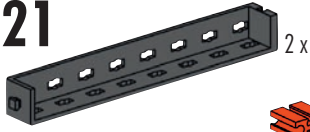
19

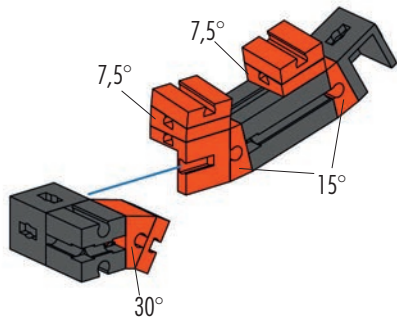


20

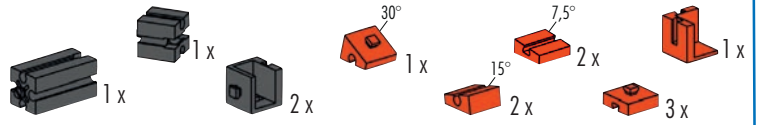


21

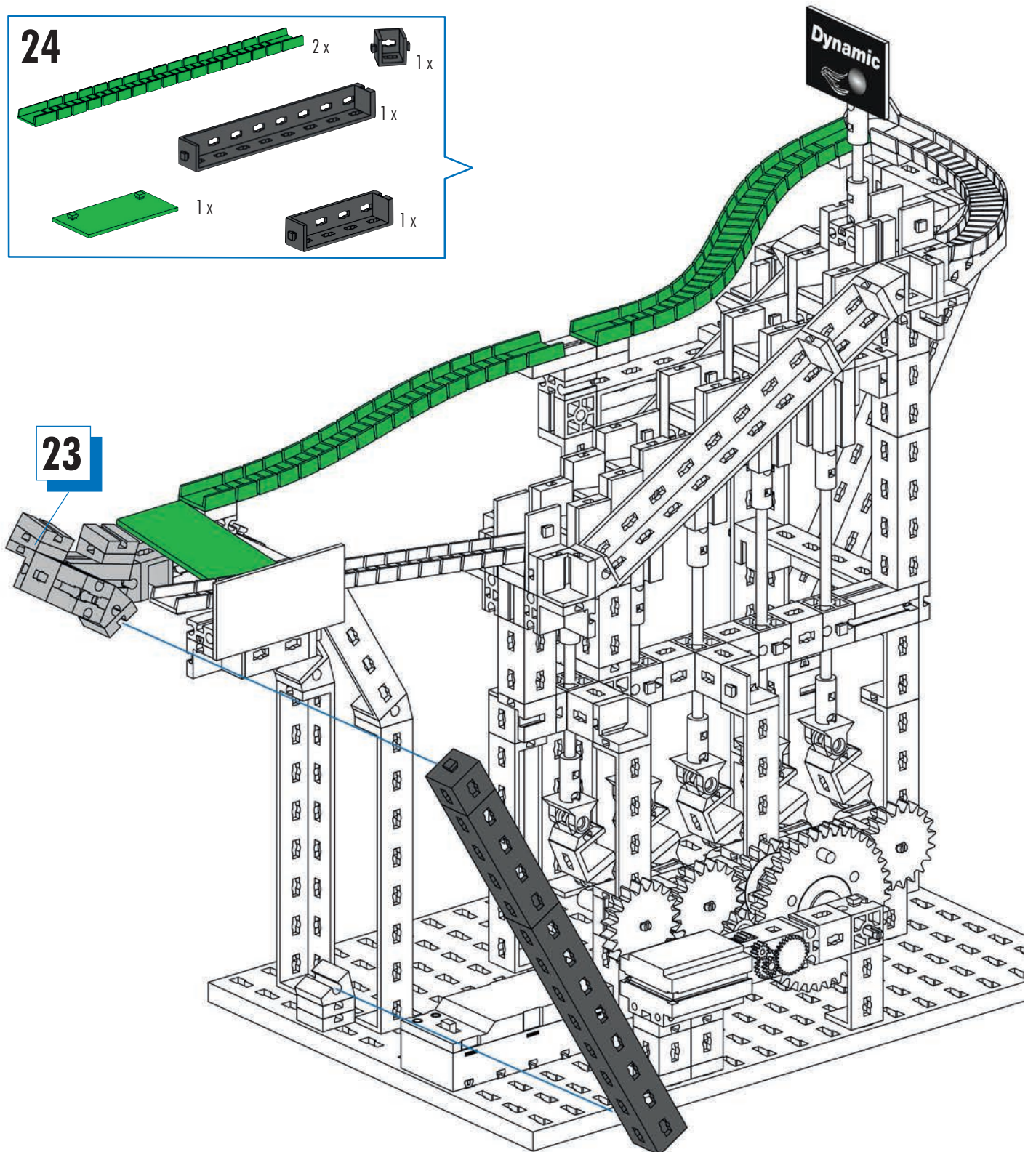
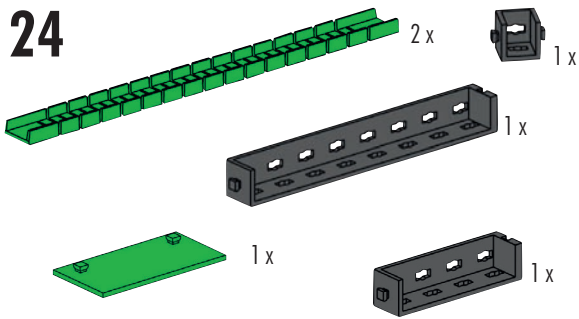




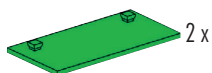
23



24



25



2 x



1 x



3 x



15°
1 x



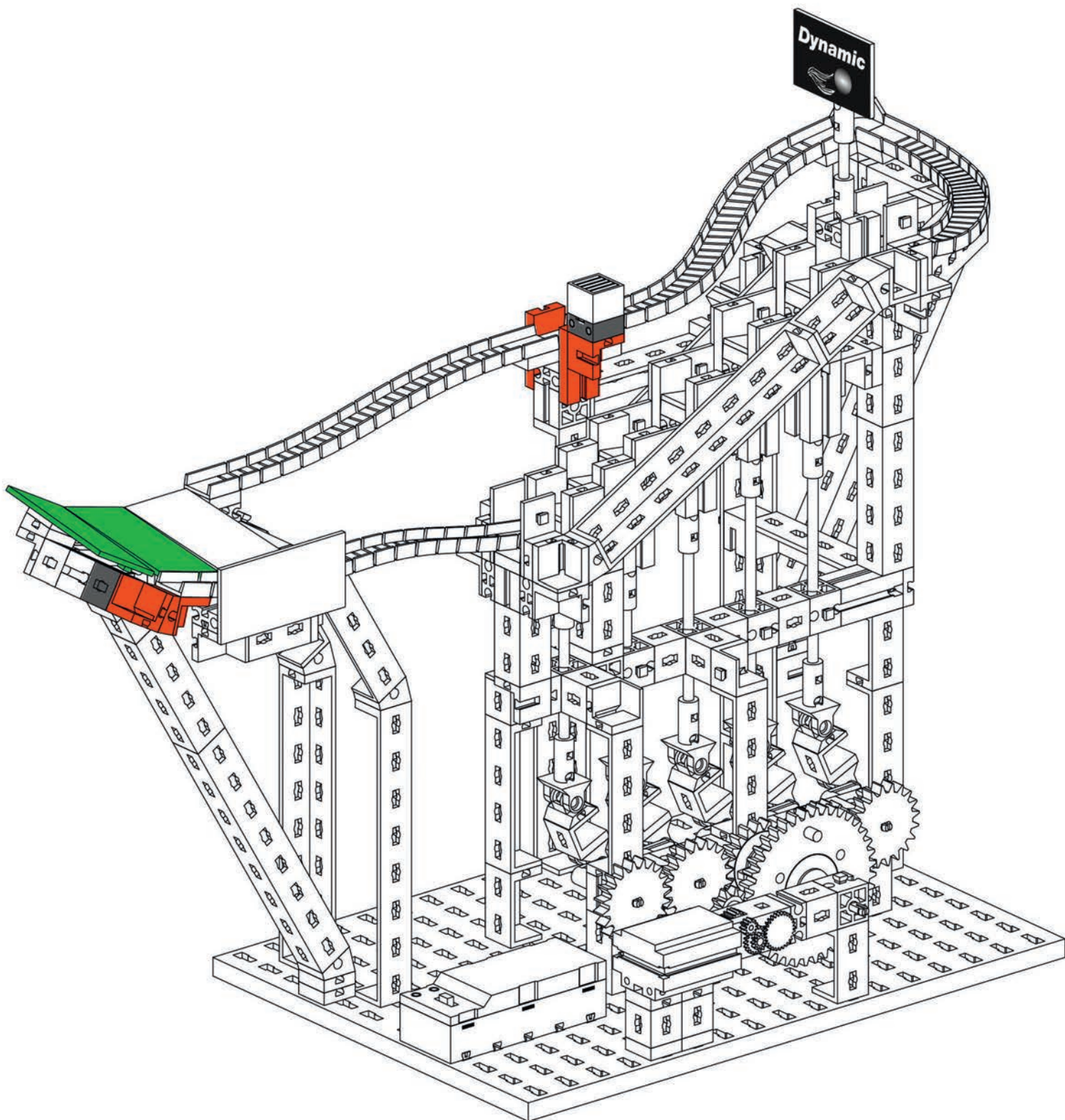
2 x



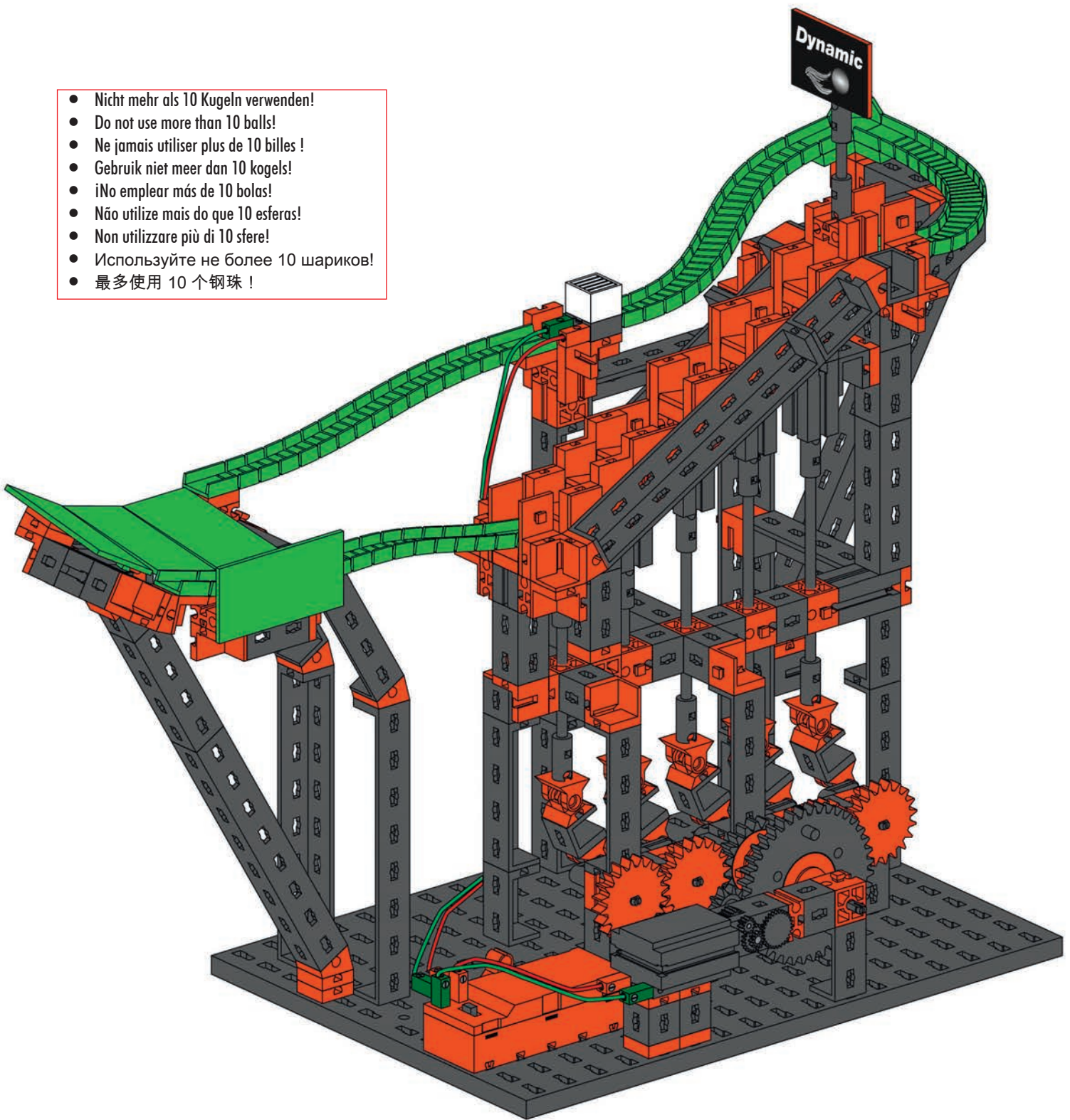
RB
1 x



1 x



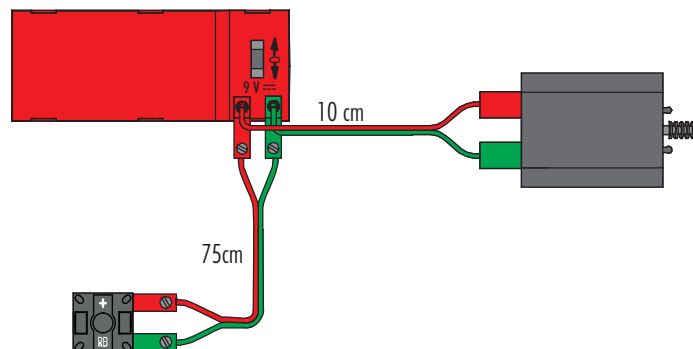
- Nicht mehr als 10 Kugeln verwenden!
- Do not use more than 10 balls!
- Ne jamais utiliser plus de 10 billes !
- Gebruik niet meer dan 10 kogels!
- ¡No emplear más de 10 bolas!
- Não utilize mais do que 10 esferas!
- Non utilizzare più di 10 sfere!
- Используйте не более 10 шариков!
- 最多使用 10 个钢珠 !

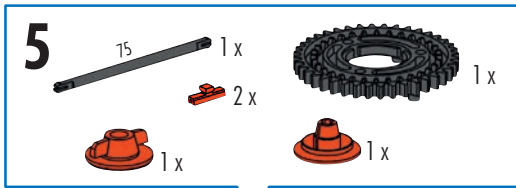
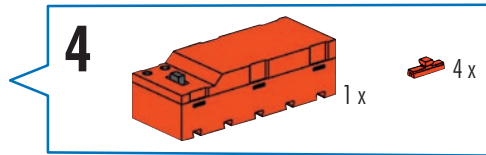
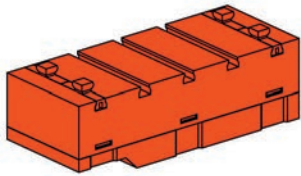


Schaltplan
Circuit diagram
Plan électrique

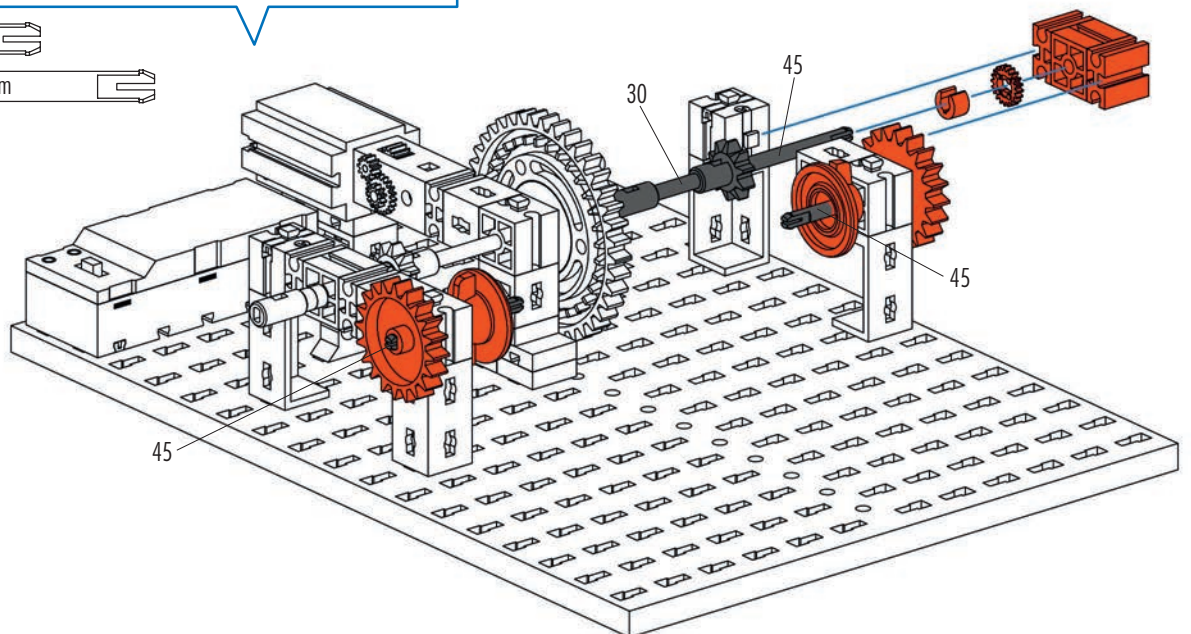
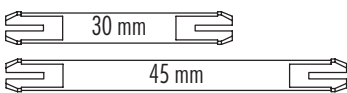
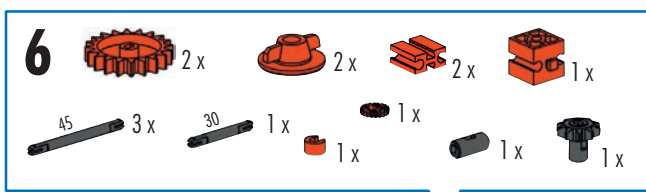
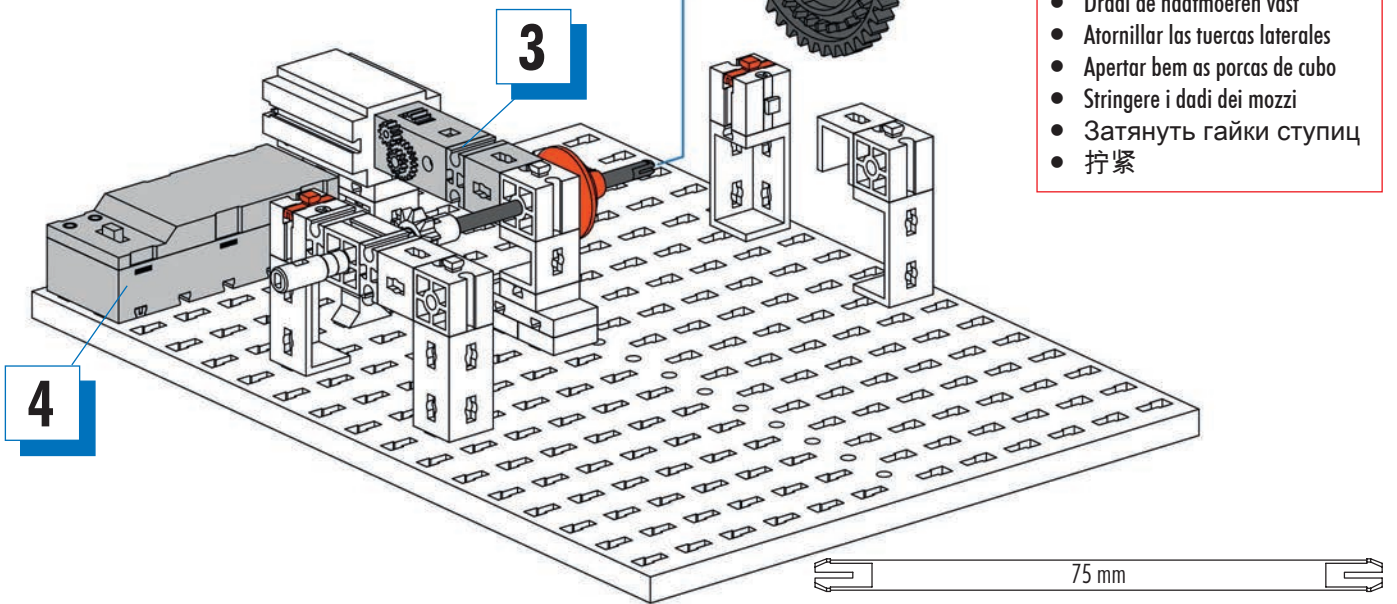
Schakelschema
Diagrama de circuitos
Plano elétrico de ligação

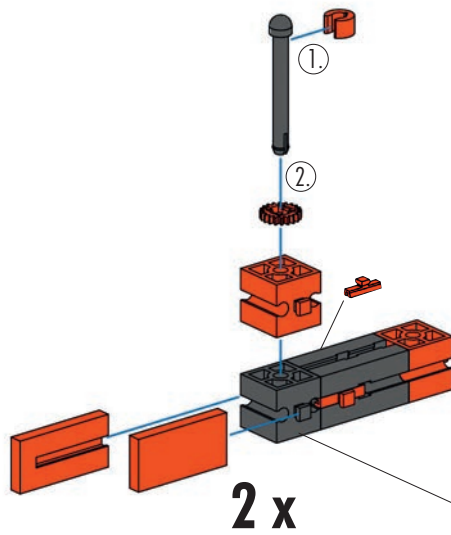
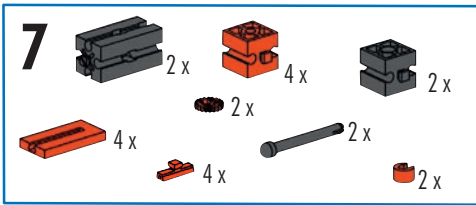
Schema elettrico
Схема подключения
电路图



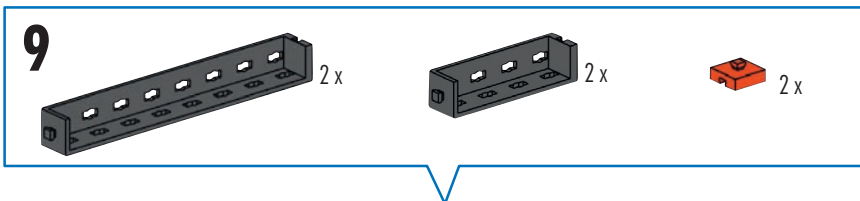
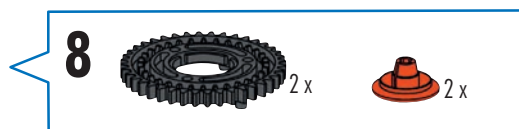
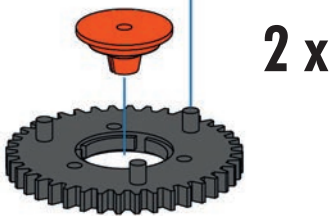
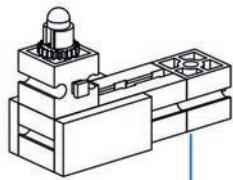


- Nabenmuttern festdrehen
- Fasten the hub nuts home
- Serrer les écrous de moyeu
- Draai de naafmoeren vast
- Atornillar las tuercas laterales
- Stringere i dadi dei mozzi
- Затянуть гайки ступиц
- 拧紧



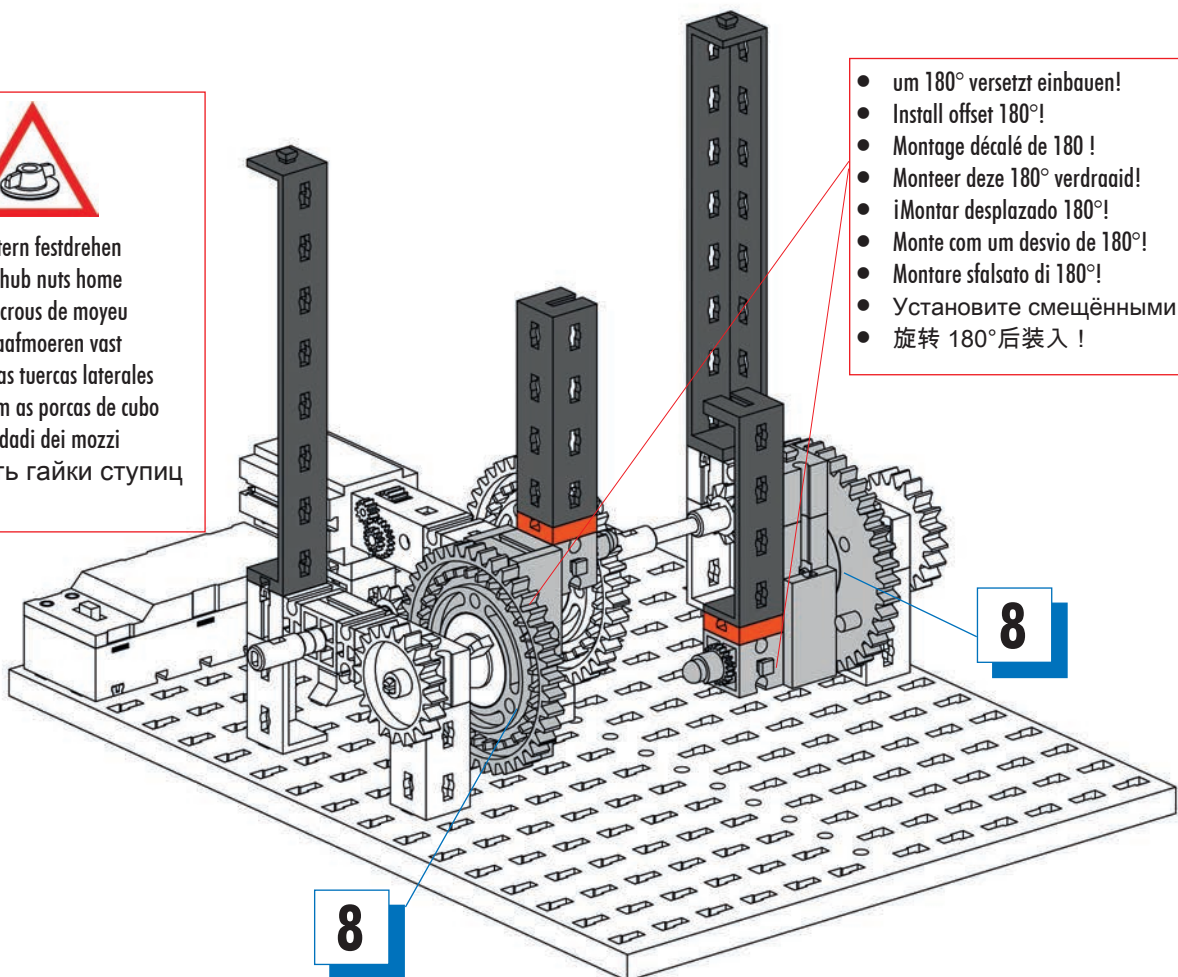


Große Bohrung
 Large drilling
 Alésage large
 Grote boring
 Perforación grande
 Orificio grande
 Grande foro
 Большое отверстие
 大孔

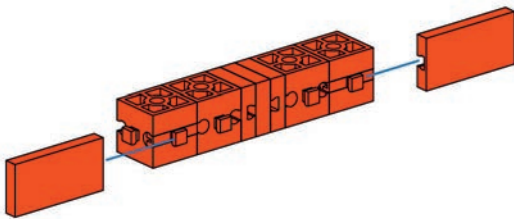
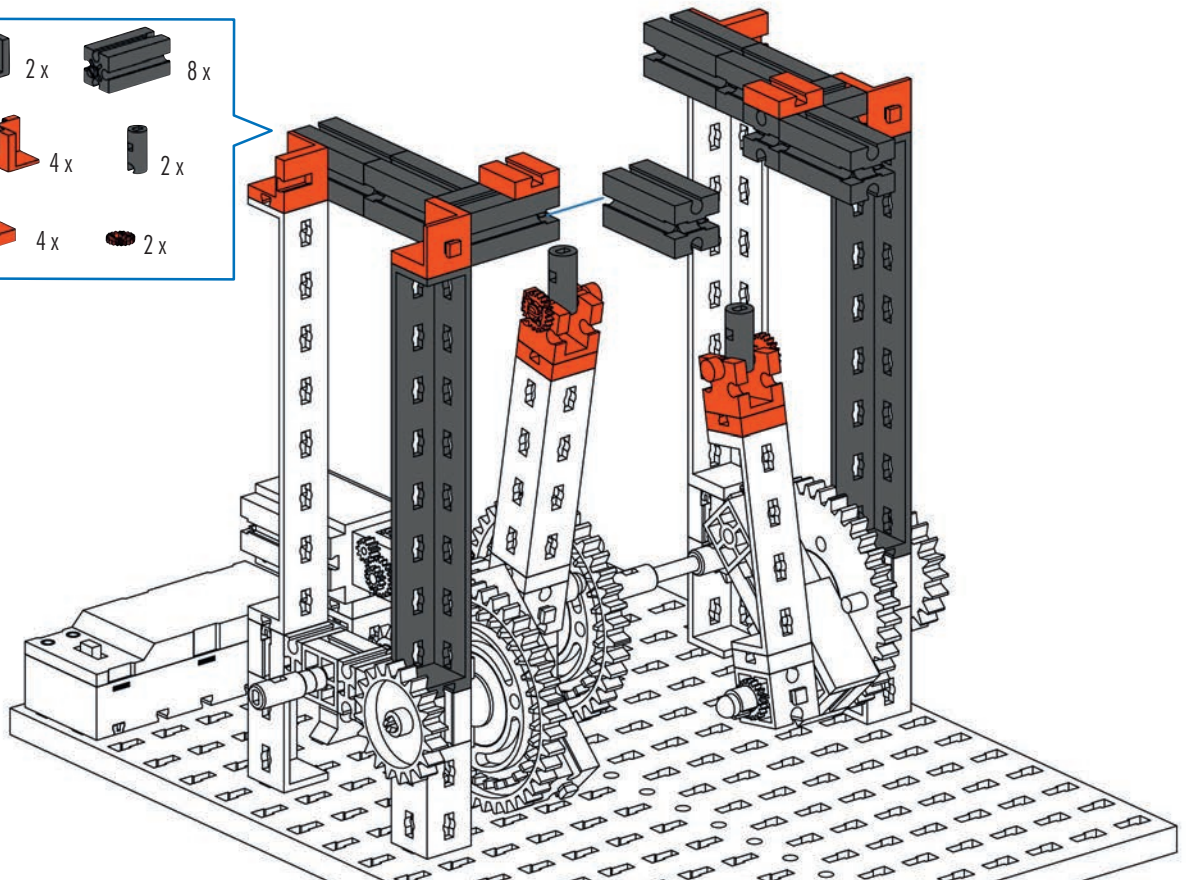


- Nabenmuttern festdrehen
- Fasten the hub nuts home
- Serrer les écrous de moyeu
- Draai de naafmoeren vast
- Atornillar las tuercas laterales
- Apertar bem as porcas de cubo
- Stringere i dadi dei mozzi
- Затянуть гайки ступиц
- 拧紧

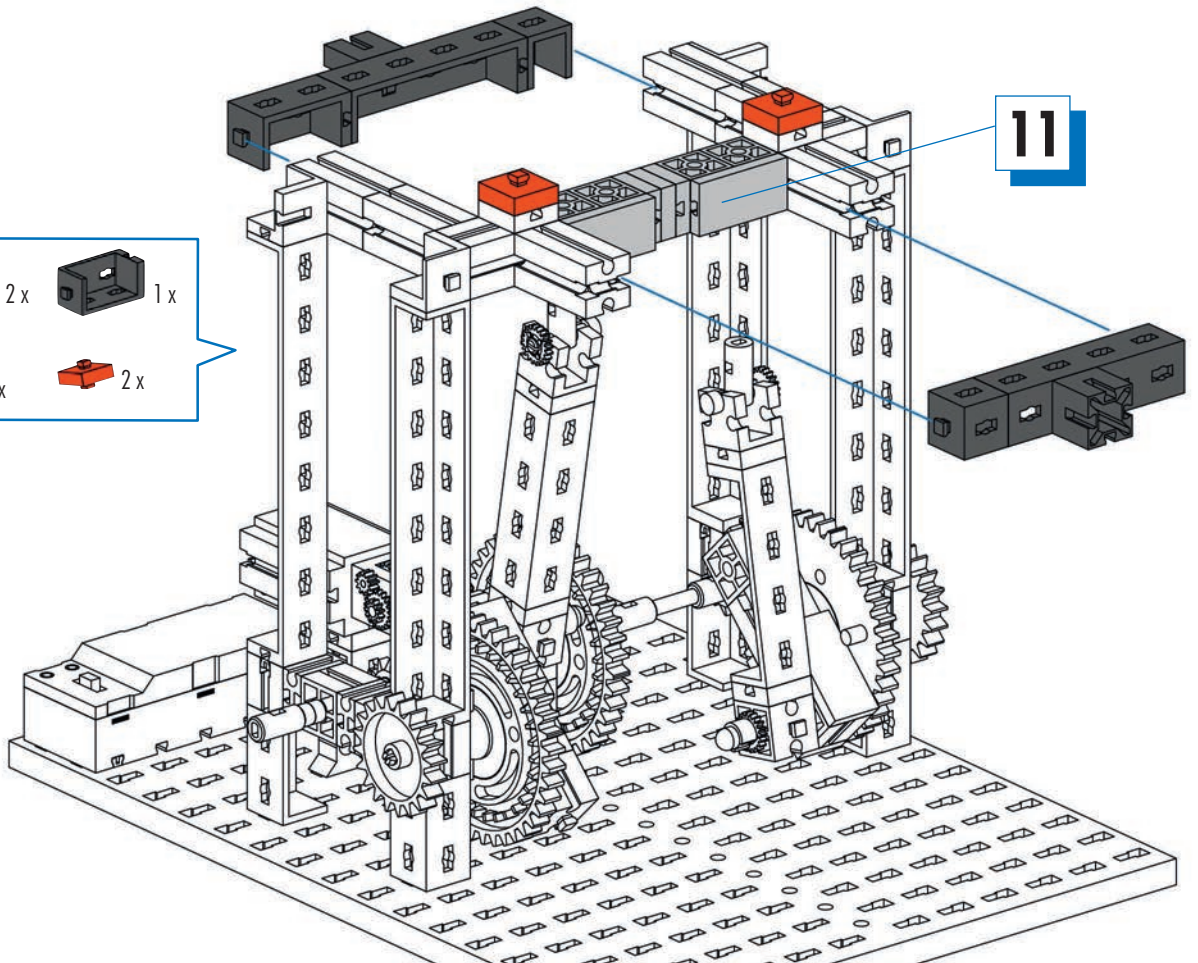
- um 180° versetzt einbauen!
- Install offset 180°!
- Montage décalé de 180°!
- Monteer deze 180° verdraaid!
- iMontar desplazado 180°!
- Monte com um desvio de 180°!
- Montare sfalsato di 180°!
- Установите смещёнными на 180°!
- 旋转 180°后装入!



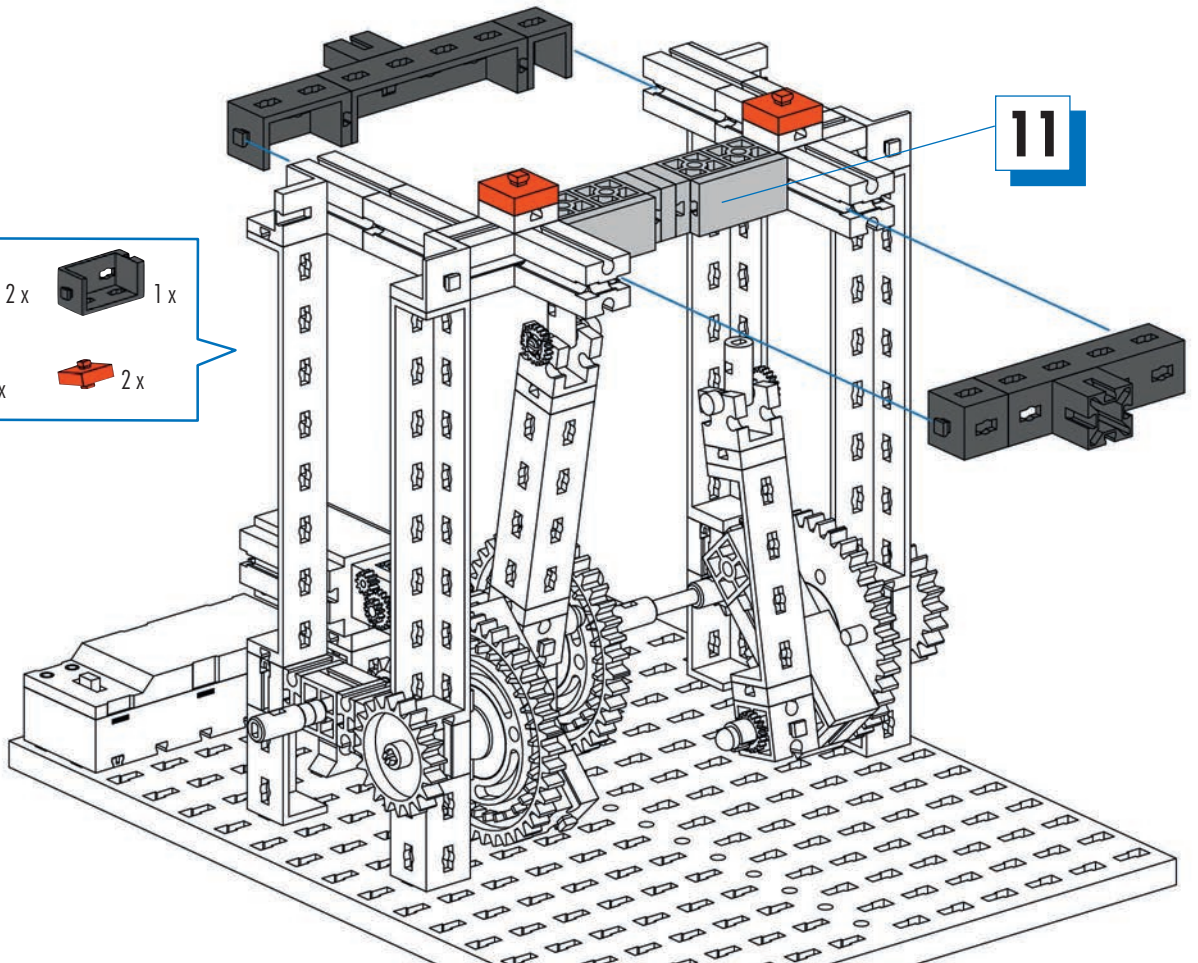
- 10**
- 2x [1x5 Technic Beam]
 - 8x [1x2 Technic Beam]
 - 2x [Red Technic Pin]
 - 4x [Red Technic L-Bracket]
 - 2x [Grey Technic Pin]
 - 2x [Red Technic Connector]
 - 4x [Red Technic Plate]
 - 2x [Black Technic Pin]



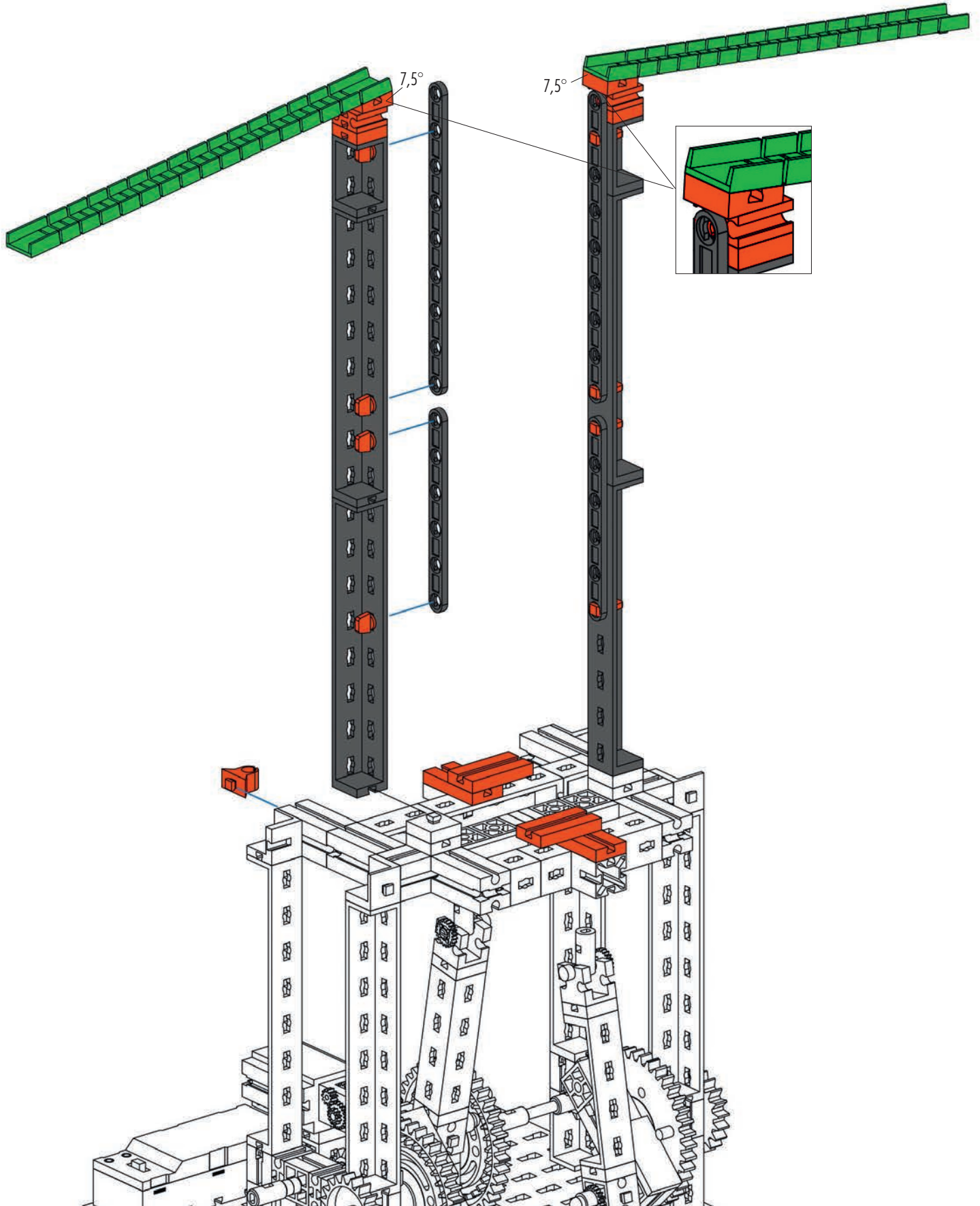
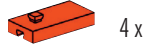
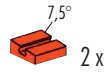
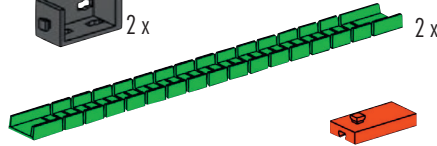
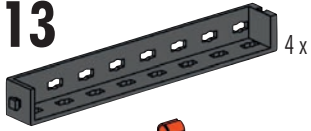
- 11**
- 4x [Red Technic Connector]
 - 2x [Red Technic Plate]
 - 1x [Red Technic L-Bracket]
 - 2x [Red Technic Pin]
 - 2x [Red Technic Plate]

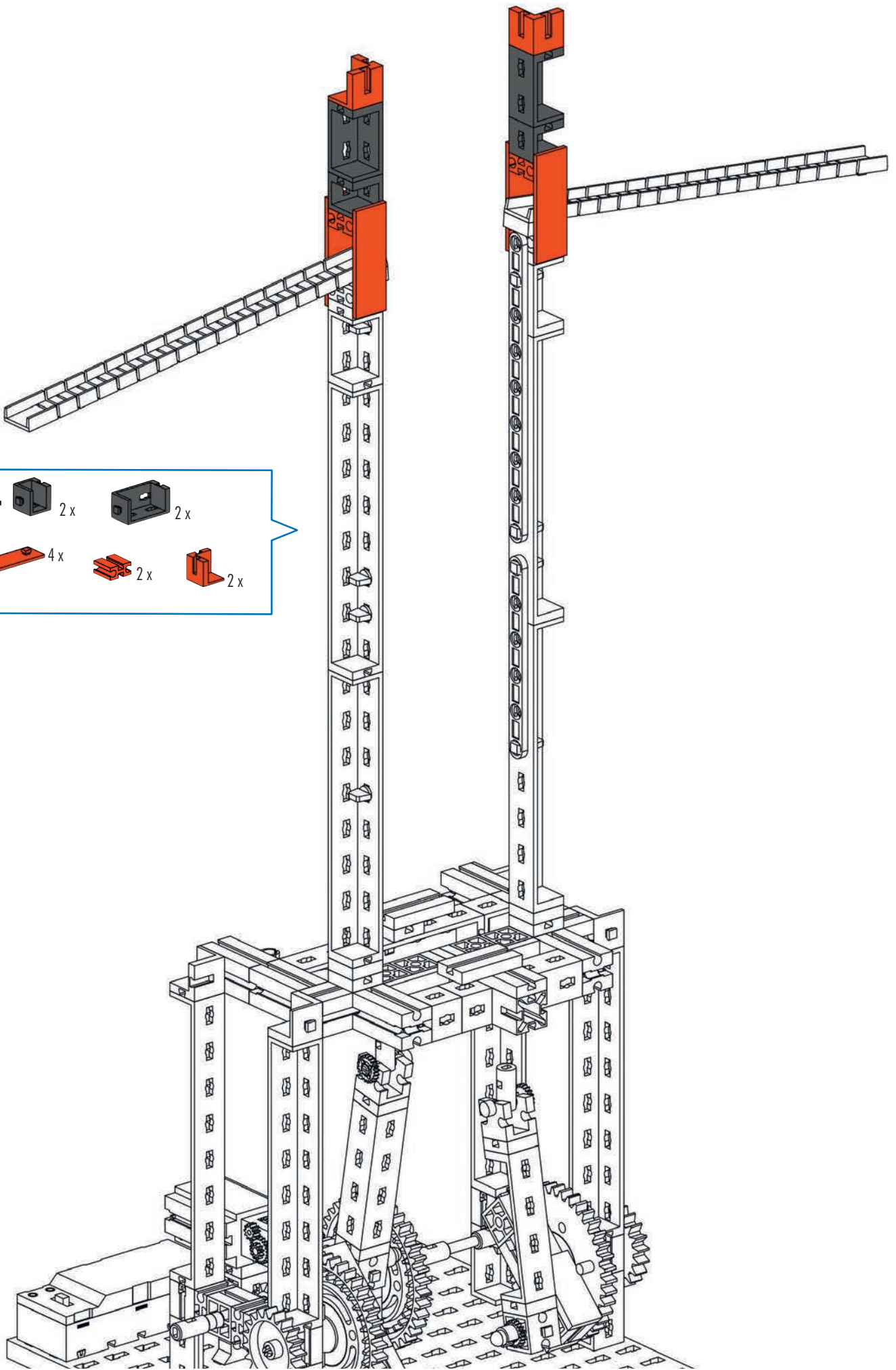


- 12**
- 2x [1x5 Technic Beam]
 - 1x [1x2 Technic Beam]
 - 2x [Grey Technic Pin]
 - 2x [Grey Technic Pin]
 - 2x [Red Technic Connector]



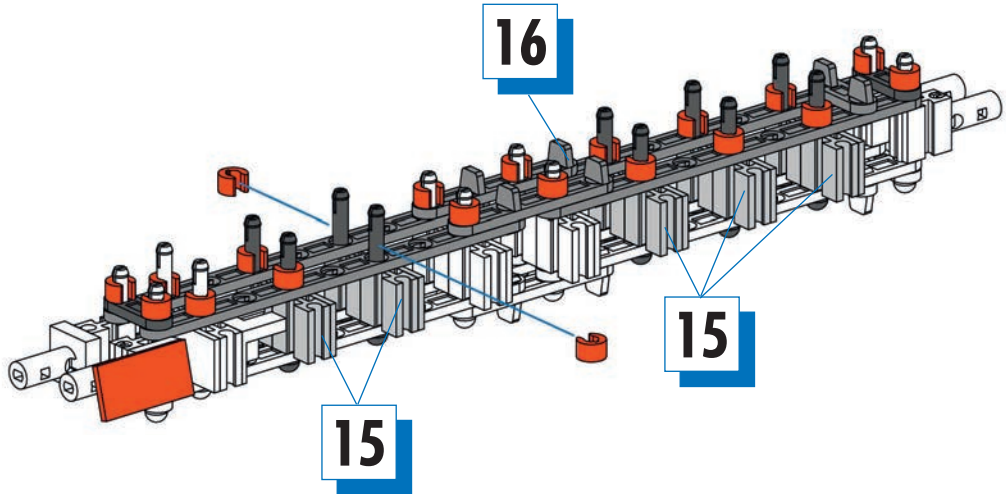
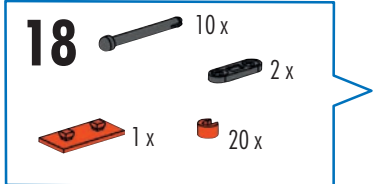
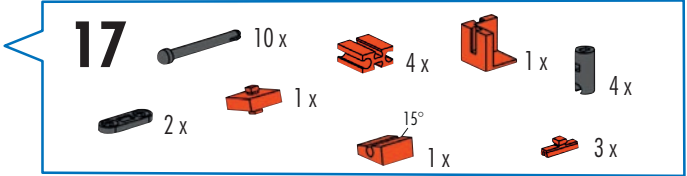
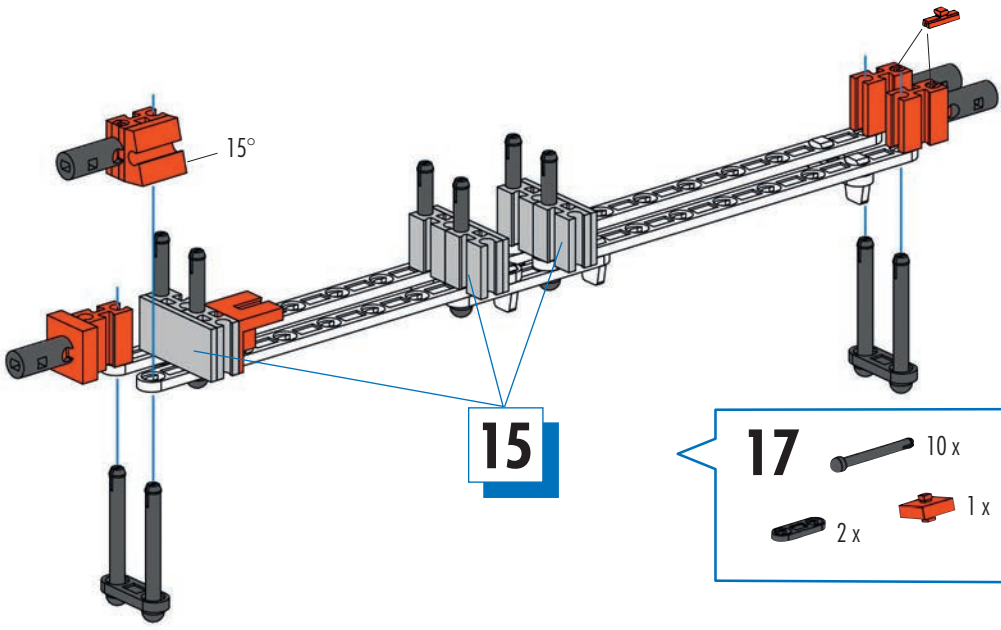
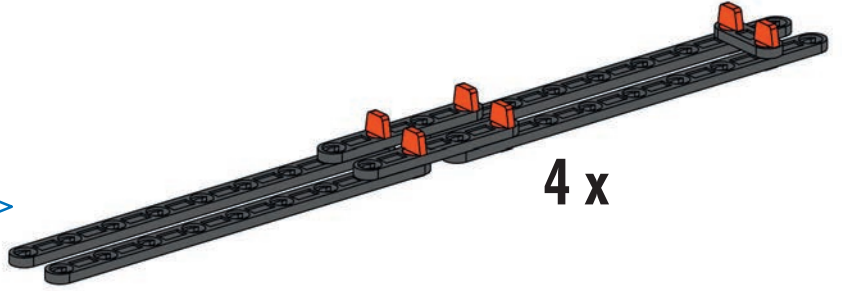
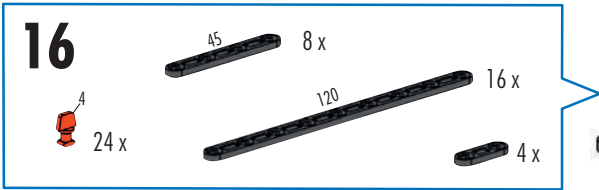
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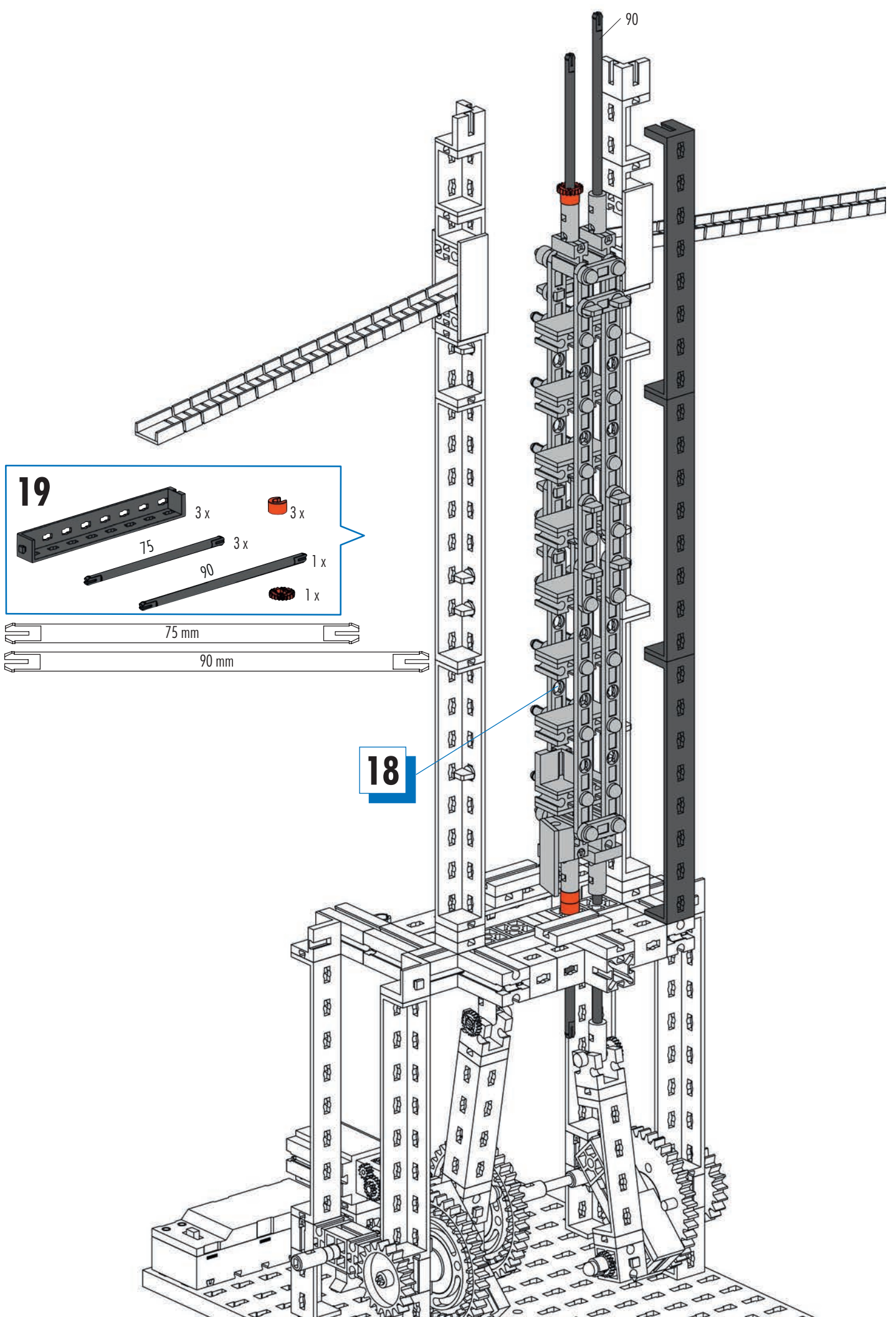


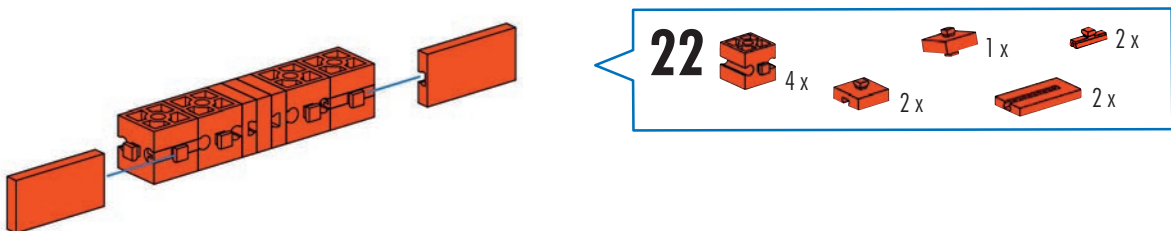
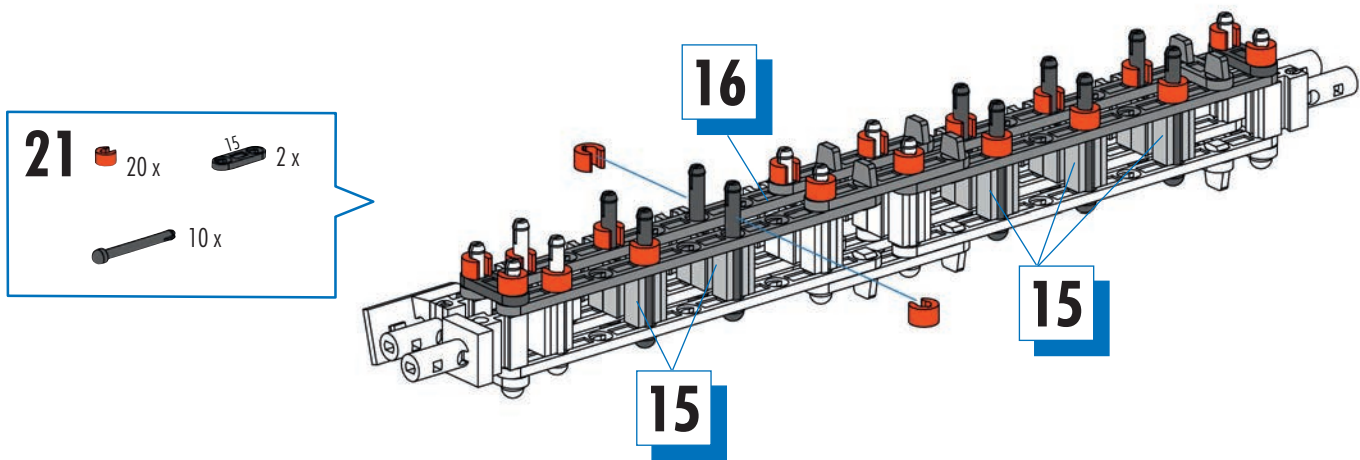
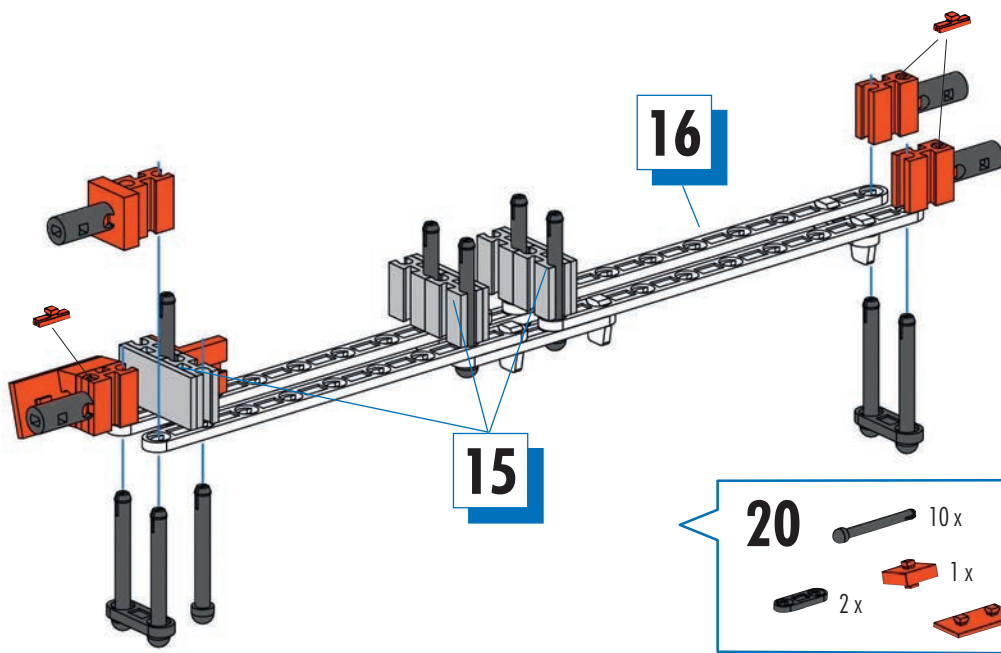


14

	2 x		2 x
	4 x		2 x
			2 x










22

90

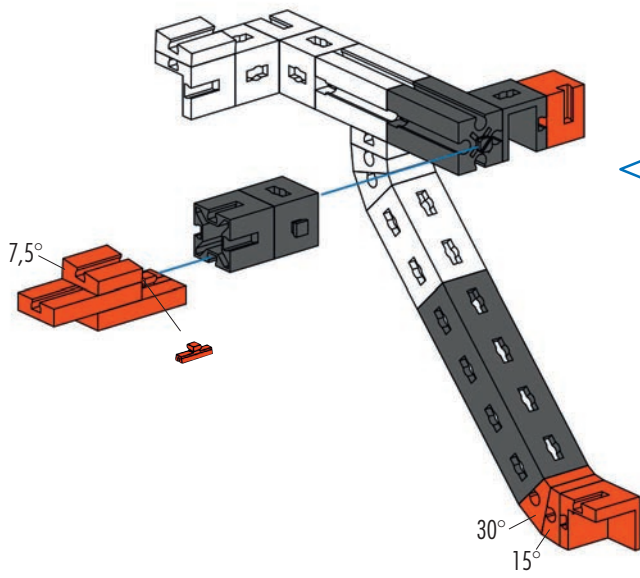
23

75	3 x		3 x
90	1 x		1 x
	1 x		2 x

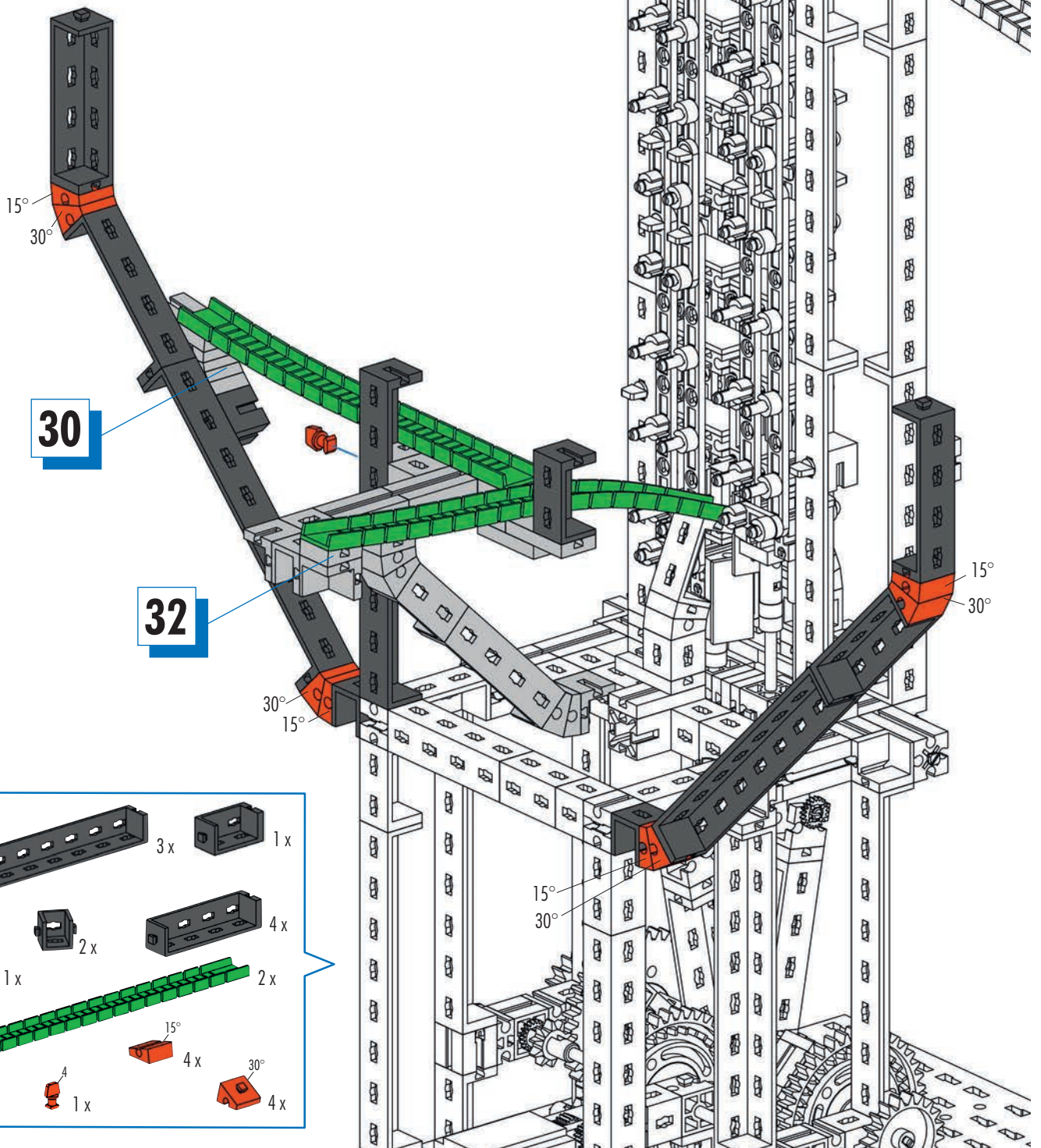
75 mm

90 mm

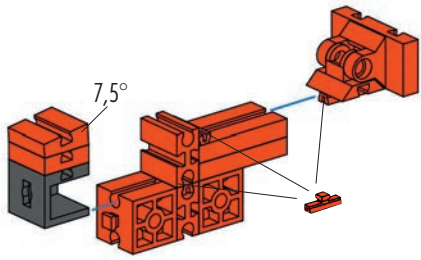
21



- 32**
- 1 x [Grey Technic Beam 1x10]
 - 2 x [Grey Technic Connector]
 - 1 x [Grey Technic Connector]
 - 1 x [Grey Technic Connector]
 - 1 x [Grey Technic Connector]
 - 1 x [Orange Technic Connector]
 - 2 x [Orange Technic Connector]
 - 1 x [Orange Technic Connector 30°]
 - 1 x [Orange Technic Connector 15°]
 - 1 x [Orange Technic Connector 7.5°]
 - 1 x [Orange Technic Connector]
 - 1 x [Orange Technic Connector]



- 33**
- 3 x [Grey Technic Beam 1x10]
 - 1 x [Grey Technic Connector]
 - 1 x [Grey Technic Connector]
 - 2 x [Grey Technic Connector]
 - 1 x [Grey Technic Connector]
 - 4 x [Grey Technic Connector]
 - 2 x [Green Technic Cable]
 - 1 x [Orange Technic Connector]
 - 4 x [Orange Technic Connector 15°]
 - 4 x [Orange Technic Connector 30°]

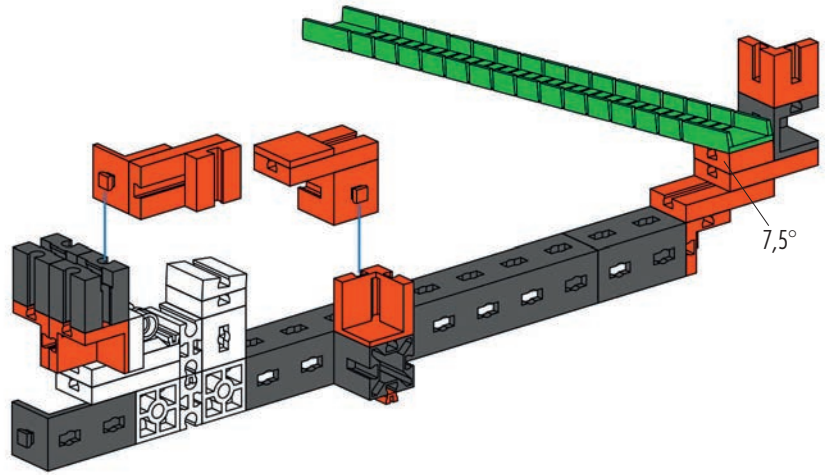


34

- 1 x [Grey Technic Pin]
- 1 x [Orange Technic Pin]
- 1 x [Orange Technic Pin, 7.5°]
- 2 x [Orange Technic Pin]
- 2 x [Orange Technic Pin]
- 1 x [Orange Technic Pin]
- 2 x [Orange Technic Pin]
- 1 x [Orange Technic Pin]
- 3 x [Orange Technic Pin]

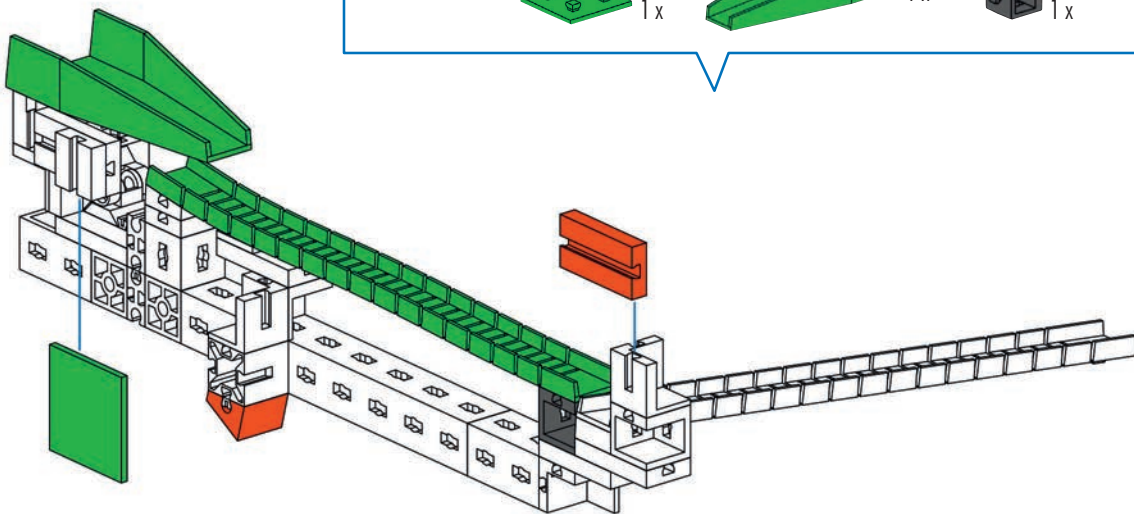
35

- 1 x [Grey Technic Beam, 11 holes]
- 2 x [Grey Technic Pin]
- 1 x [Grey Technic Pin]
- 2 x [Grey Technic Pin]
- 1 x [Grey Technic Pin]
- 7 x [Orange Technic Pin]
- 1 x [Orange Technic Pin]
- 1 x [Green Technic Beam, 11 holes]
- 1 x [Orange Technic Pin]
- 1 x [Orange Technic Pin, 7.5°]
- 4 x [Orange Technic Pin]



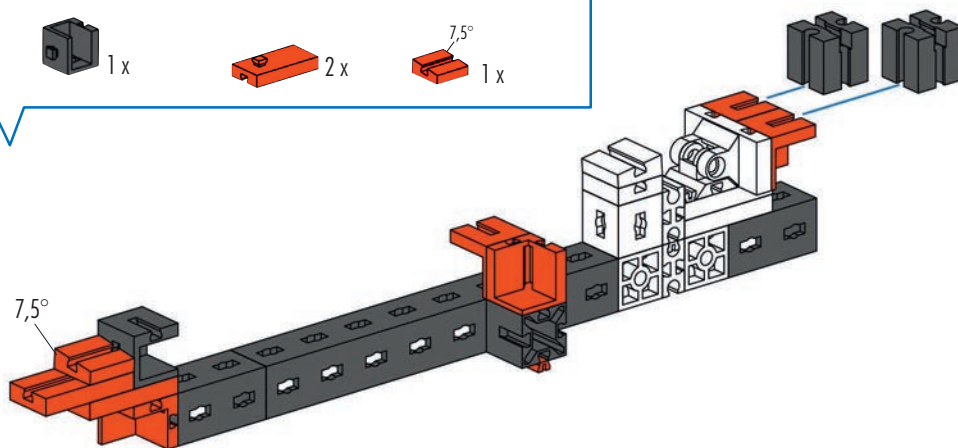
36

- 1 x [Green Technic Beam, 11 holes]
- 1 x [Orange Technic Pin]
- 1 x [Green Technic Pin]
- 1 x [Green Technic Pin, 30°]
- 1 x [Grey Technic Pin]



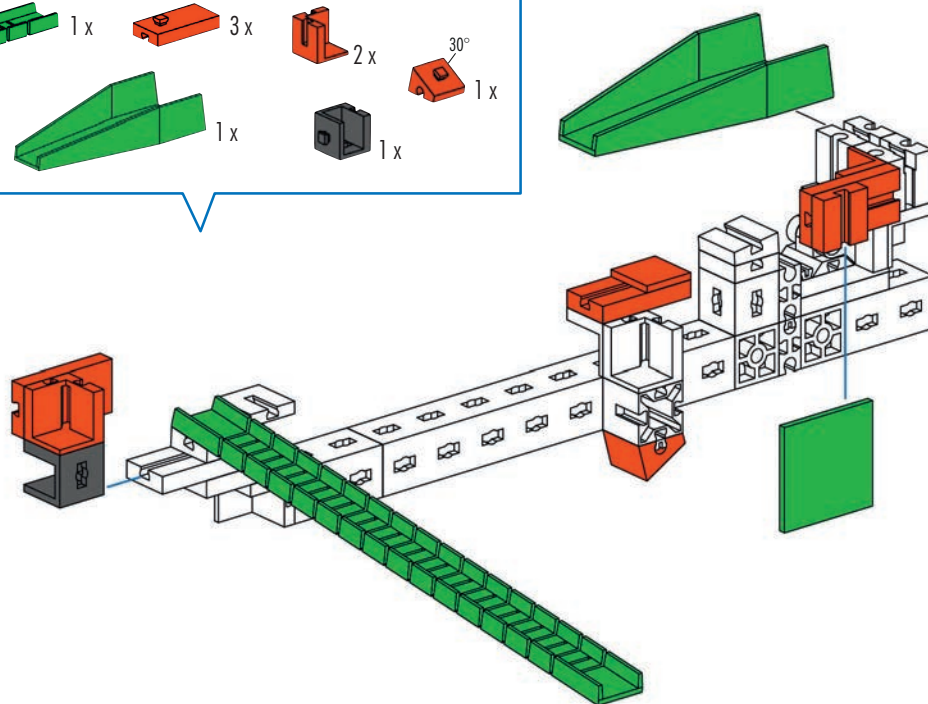
39

- 1x [Grey Technic Beam 1x10]
- 2x [Grey Technic Bracket]
- 2x [Grey Technic Pin]
- 5x [Orange Technic L-Bracket]
- 1x [Orange Technic Pin]
- 1x [Grey Technic Pin]
- 1x [Grey Technic Bracket]
- 2x [Orange Technic Pin]
- 1x [Orange Technic Pin 7.5°]



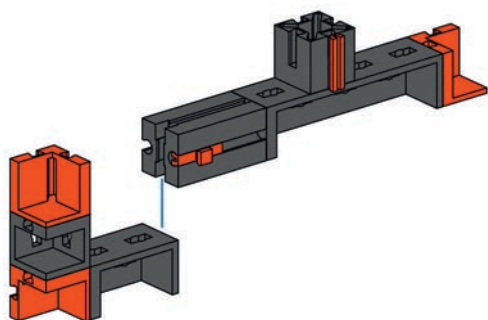
40

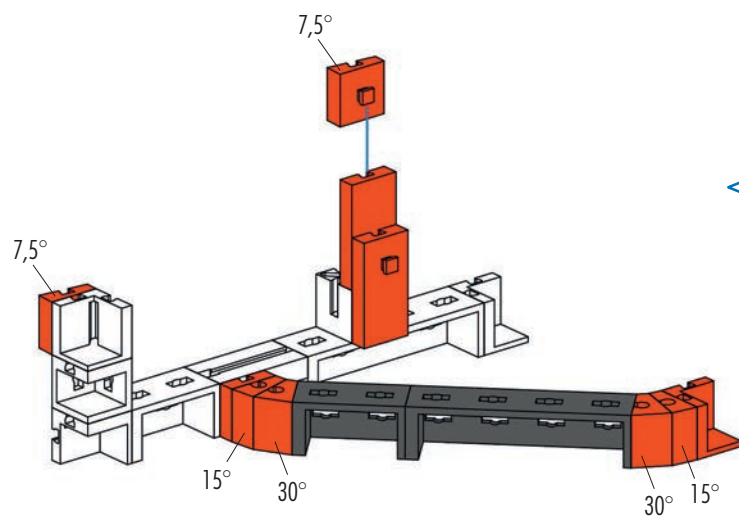
- 1x [Orange Technic Pin]
- 1x [Green Technic Beam 1x10]
- 3x [Orange Technic Pin]
- 2x [Orange Technic L-Bracket]
- 1x [Orange Technic Pin 30°]
- 1x [Orange Technic Pin]
- 1x [Green Technic Plate 1x4]
- 1x [Green Technic Wedge]
- 1x [Grey Technic Bracket]



41

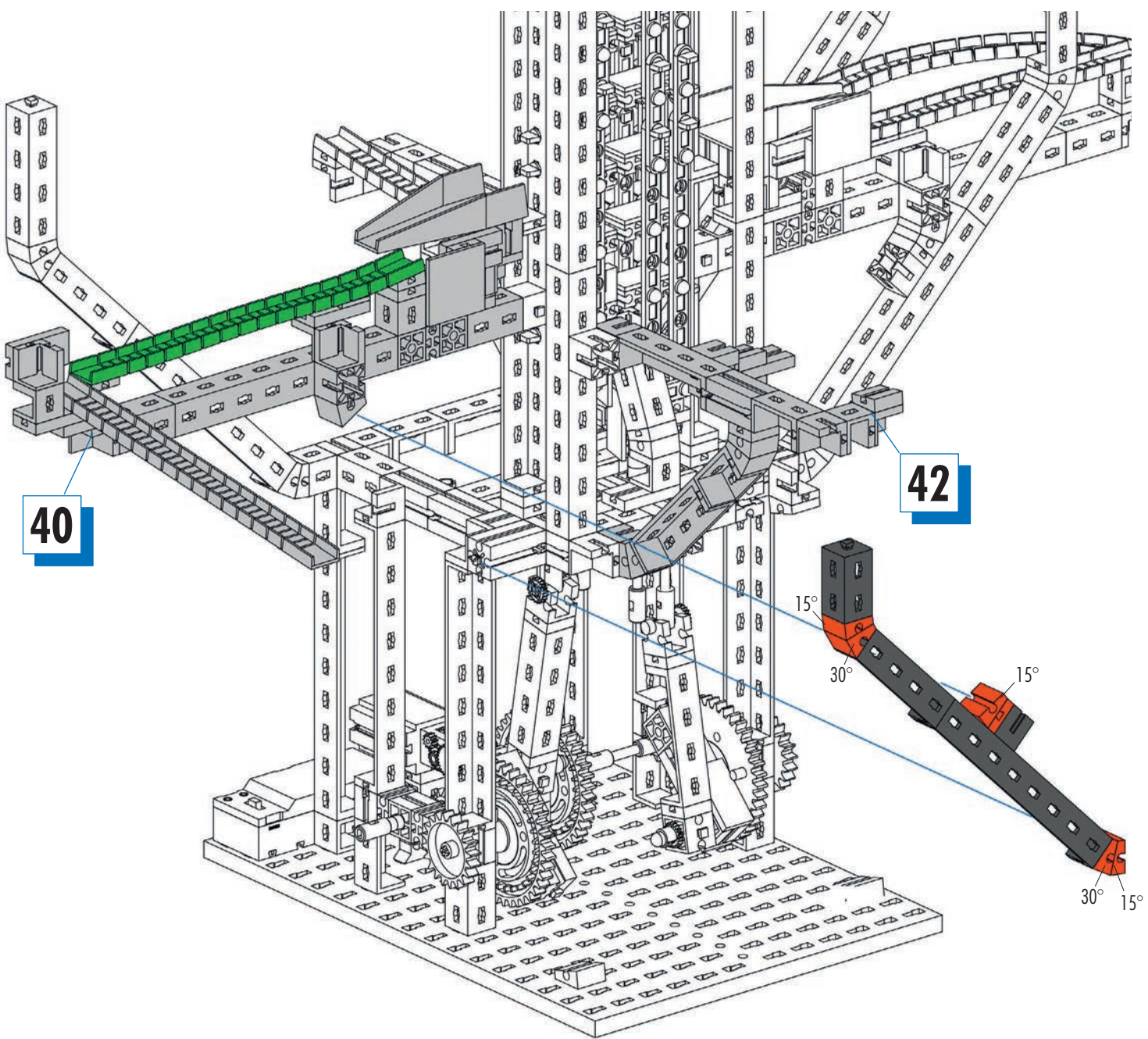
- 1x [Grey Technic Beam 1x10]
- 1x [Grey Technic Bracket]
- 1x [Grey Technic Pin]
- 1x [Grey Technic Pin]
- 1x [Grey Technic Pin]
- 3x [Orange Technic L-Bracket]
- 2x [Orange Technic Pin]





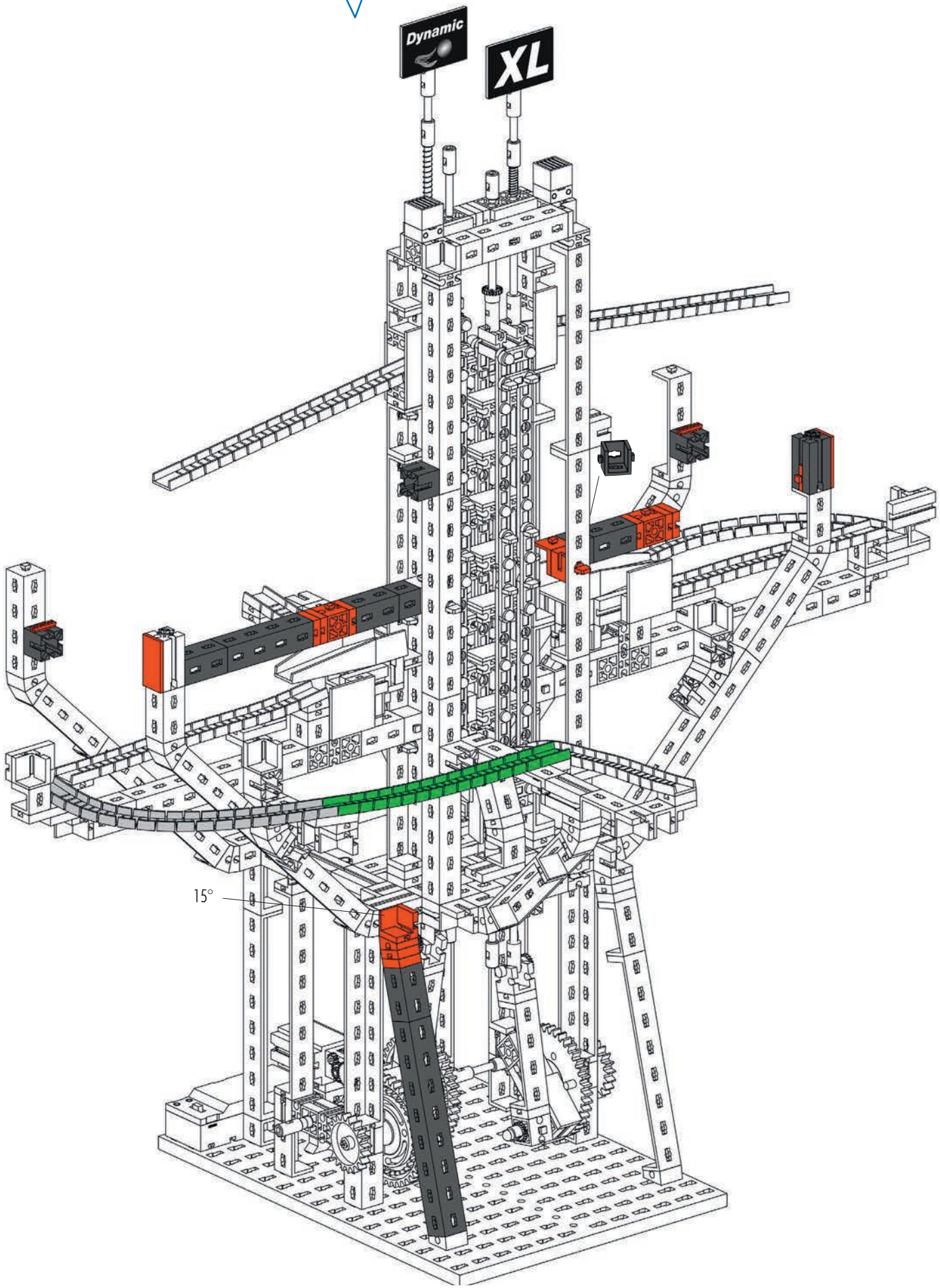
- 42**
- 1 x Grey Technic Beam (1 hole)
 - 1 x Grey Technic Connector (1 hole)
 - 2 x Orange Technic Connector (1 hole)
 - 2 x Orange Technic Connector (30°)
 - 2 x Orange Technic Connector (15°)
 - 2 x Orange Technic Connector (7.5°)
 - 1 x Orange Technic Connector (1 hole)
 - 1 x Orange Technic Connector (1 hole)

- 43**
- 1 x Grey Technic Beam (5 holes)
 - 1 x Grey Technic Connector (1 hole)
 - 1 x Green Technic Beam (11 holes)
 - 1 x Orange Technic Connector (1 hole)
 - 1 x Orange Technic Connector (15°)
 - 3 x Orange Technic Connector (15°)
 - 2 x Orange Technic Connector (30°)

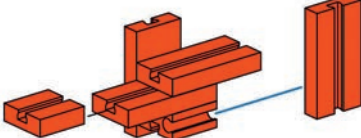


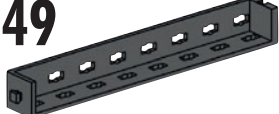

45

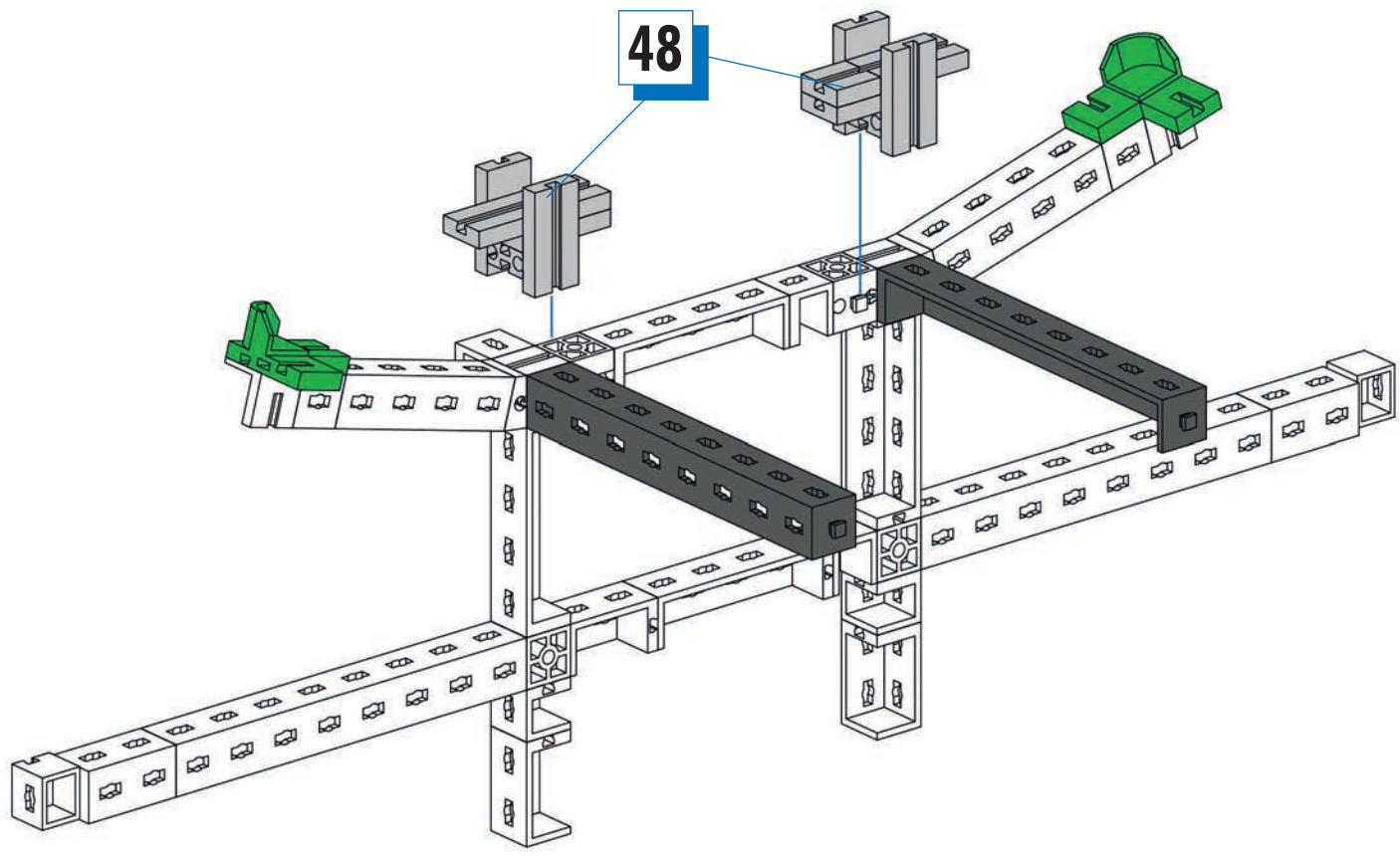
- 1 x [Grey Technic Beam 1x12 with 4 holes]
- 1 x [Grey Technic Beam 1x6 with 2 holes]
- 4 x [Grey Technic Connector 1x2]
- 1 x [Grey Technic Connector 1x2]
- 2 x [Grey Technic Pin with Friction Ridge]
- 3 x [Grey Technic Pin with Friction Ridge]
- 1 x [Green Technic Beam 1x12 with 6 holes]
- 1 x [Red Technic Pin with Friction Ridge]
- 1 x [Red Technic Pin with Friction Ridge]
- 7 x [Red Technic Pin with Friction Ridge]
- 1 x [Red Technic Pin with Friction Ridge]
- 1 x [Red Technic Pin with Friction Ridge]
- 3 x [Red Technic Pin with Friction Ridge]
- 2 x [Red Technic Pin with Friction Ridge]
- 1 x [Red Technic Pin with Friction Ridge]
- 2 x [Red Technic Pin with Friction Ridge]
- 2 x [Red Technic Pin with Friction Ridge]
- 1 x [Red Technic Pin with Friction Ridge]



48  8x  2x  2x

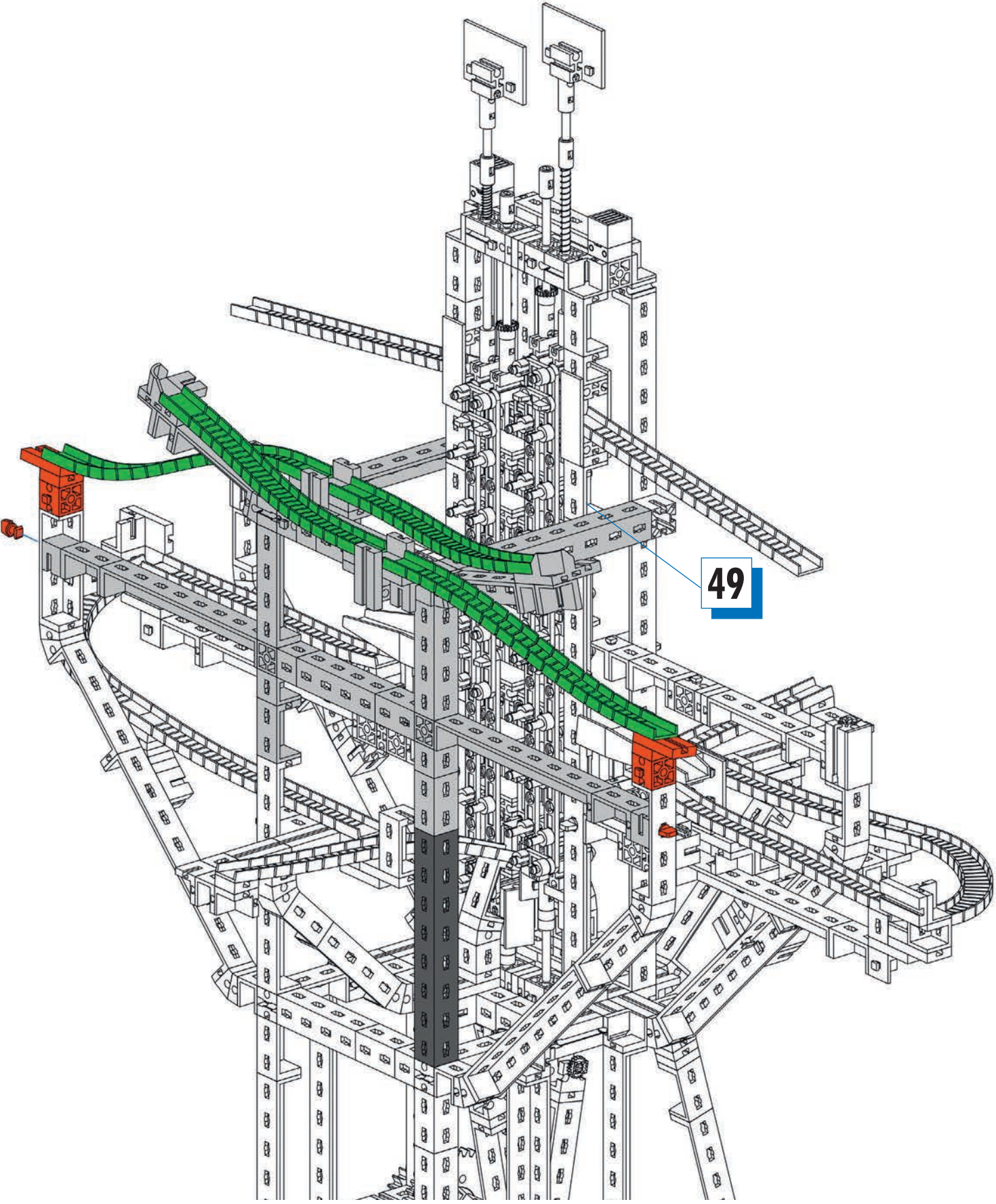
 **2x**

49  2x  2x



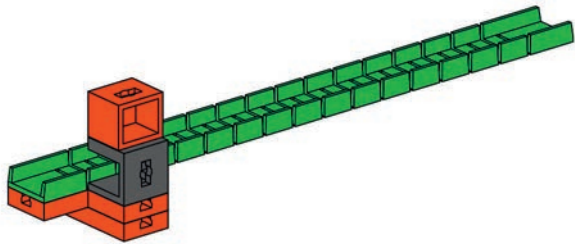
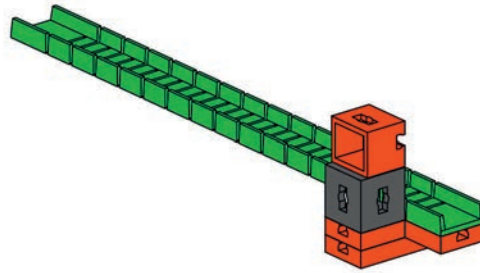
50

- 1 x [Grey Technic Beam 1x12]
- 2 x [Red Pin]
- 2 x [Red 7.5° Technic Brick]
- 2 x [Red Technic Brick]
- 4 x [Green Technic Beam 1x12]
- 2 x [Red Technic Brick]



51

1x
1x
1x
2x
1x

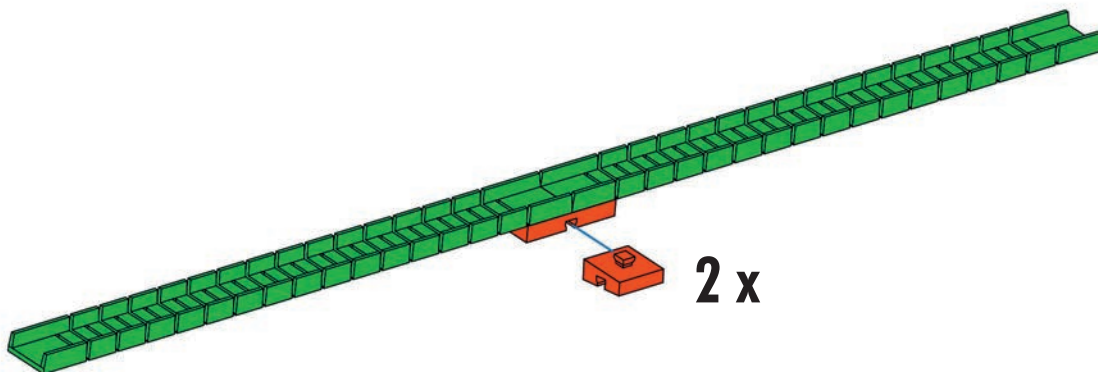


52

1x
1x
1x
2x
1x

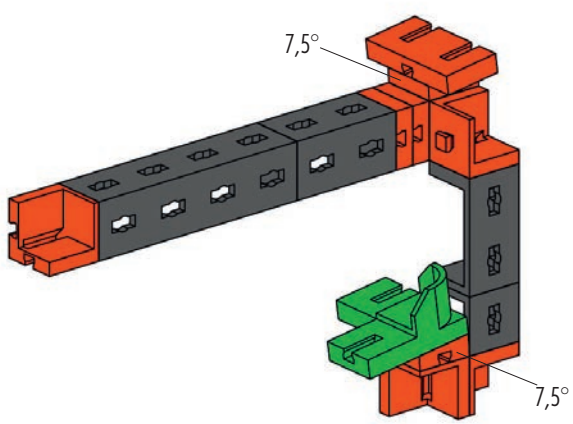
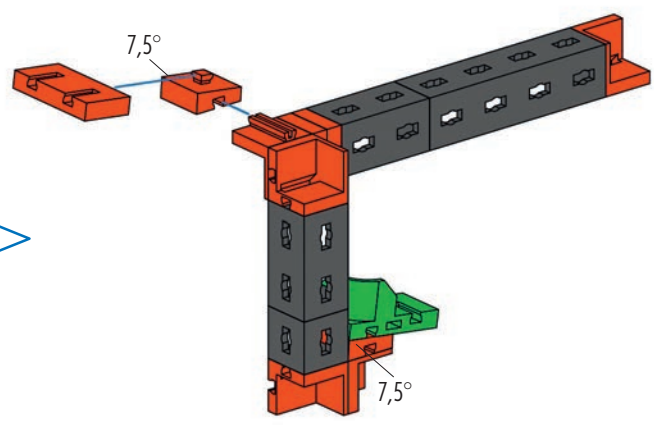
53

4x
2x
7.5°
2x



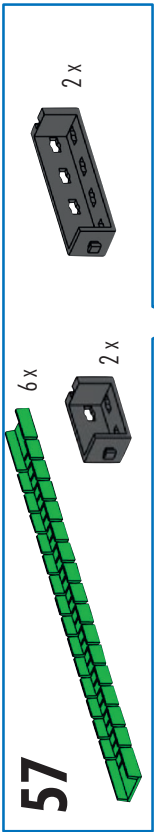
55

- 1 x [Grey Technic Beam 1x5]
- 2 x [Grey Technic Beam 1x3]
- 1 x [Grey Technic Beam 1x2]
- 1 x [Small Red Technic Pin]
- 5 x [Red Technic L-Shape]
- 2 x [Red Technic Pin with 7.5° angle]
- 2 x [Red Technic Pin]
- 1 x [Red Technic Pin]
- 1 x [Green Technic Connector]

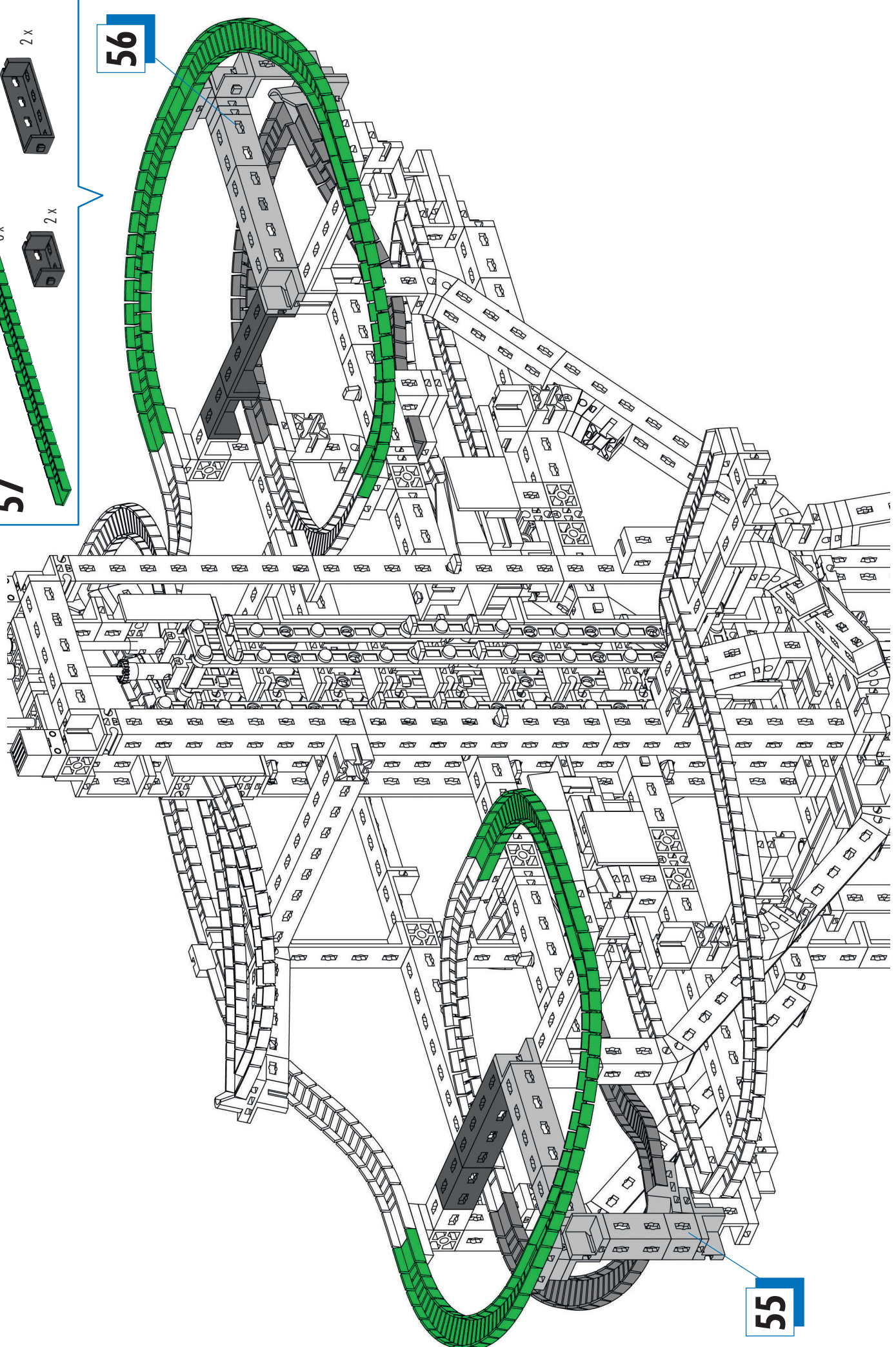


56

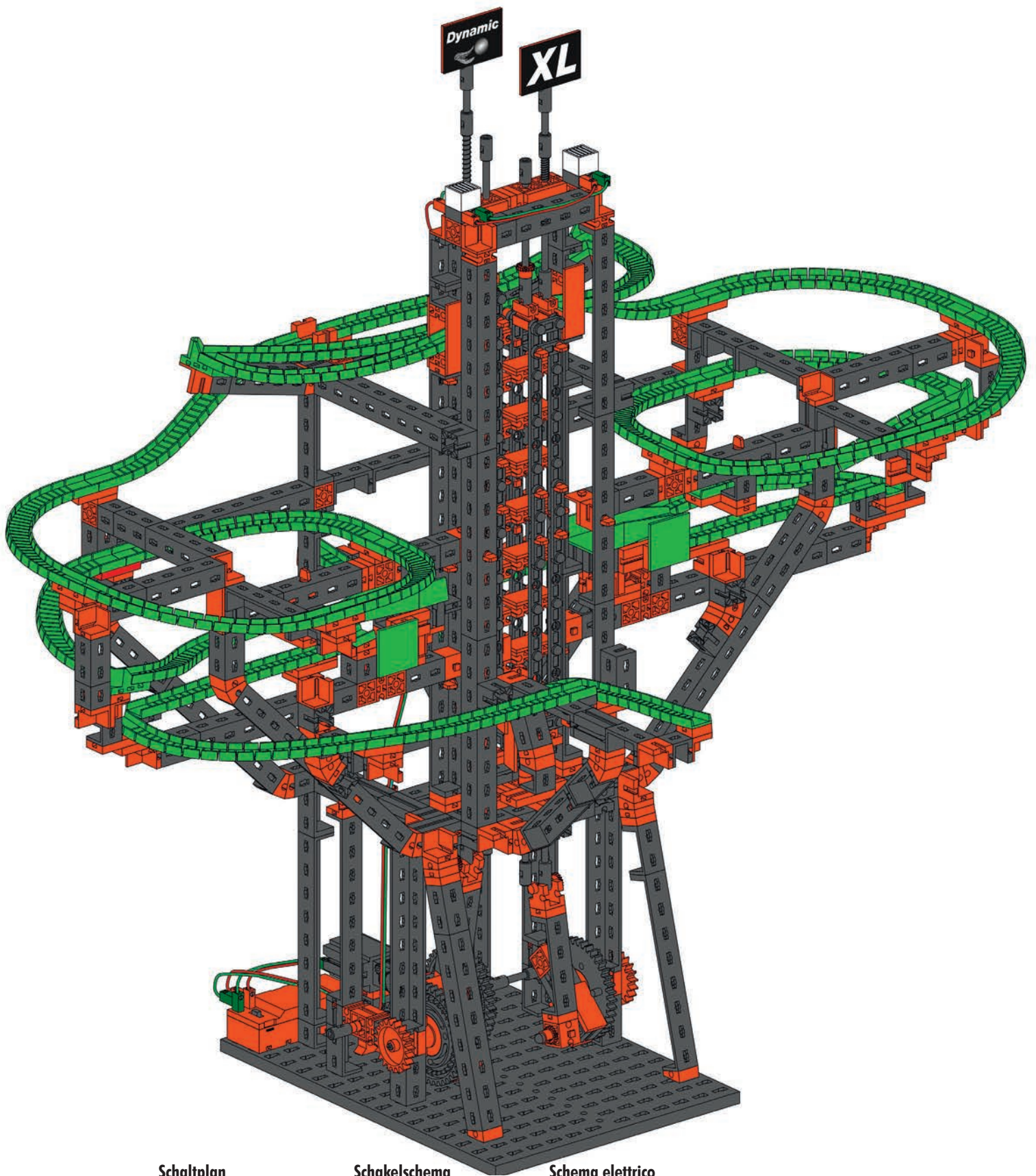
- 1 x [Grey Technic Beam 1x5]
- 2 x [Grey Technic Beam 1x3]
- 1 x [Grey Technic Beam 1x2]
- 1 x [Small Red Technic Pin]
- 5 x [Red Technic L-Shape]
- 2 x [Red Technic Pin with 7.5° angle]
- 2 x [Red Technic Pin]
- 1 x [Red Technic Pin]
- 1 x [Green Technic Connector]



56



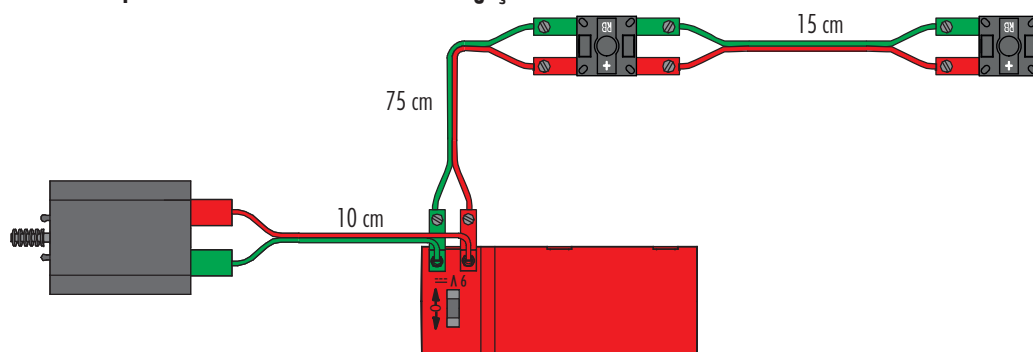
55



Schaltplan
Circuit diagram
Plan électrique

Schakelschema
Diagrama de circuitos
Plano elétrico de ligação

Schema elettrico
Схема подключения
电路图

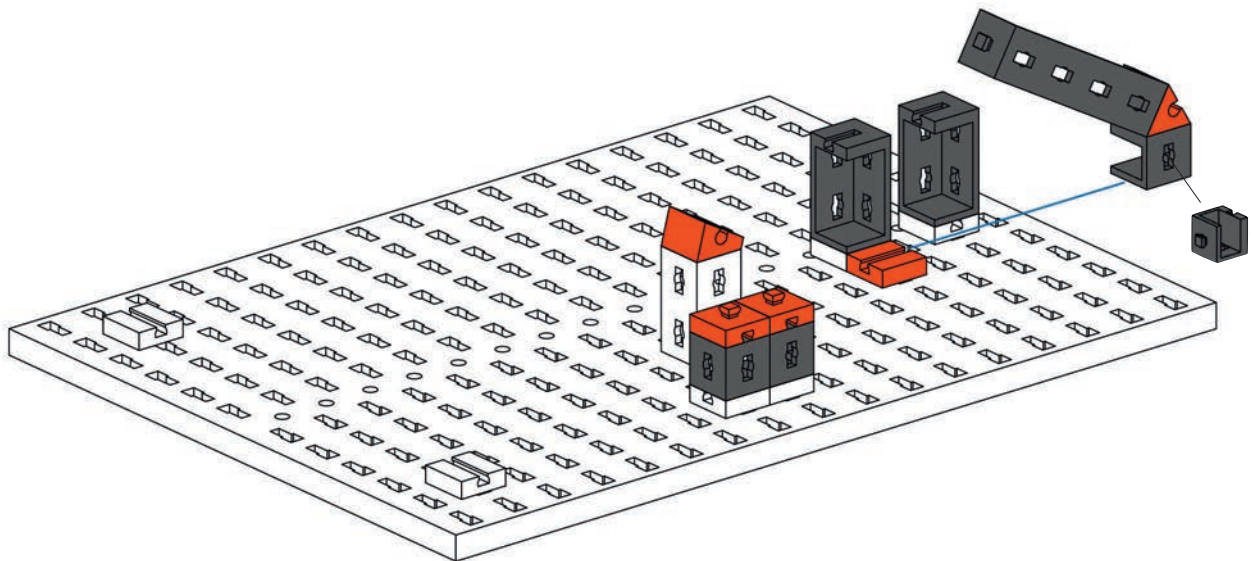
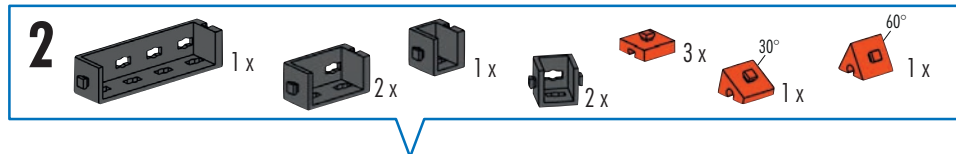
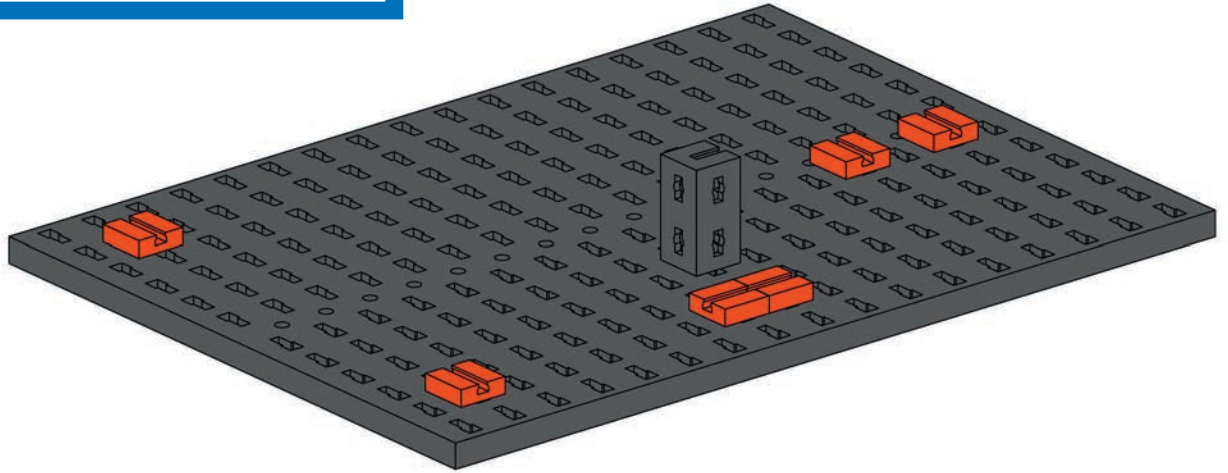
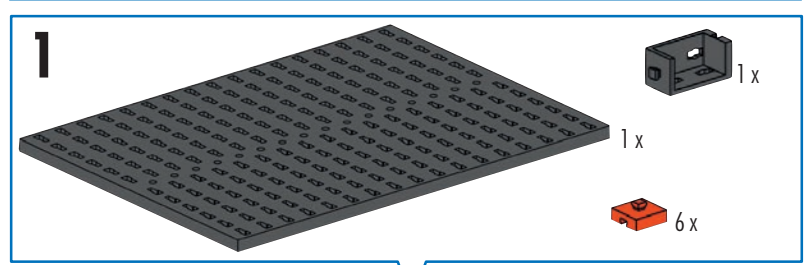


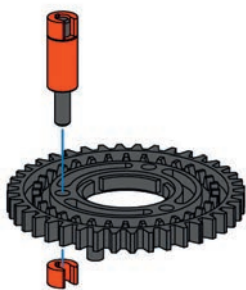
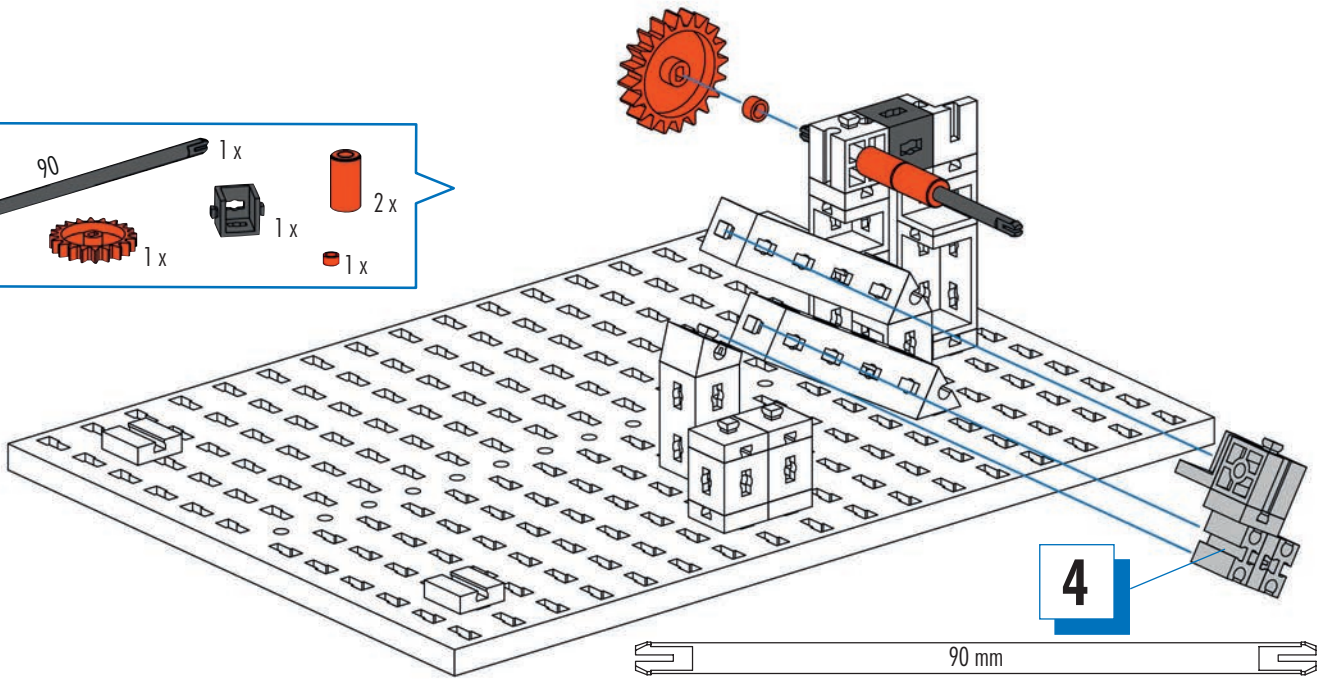
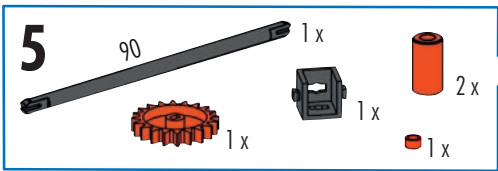
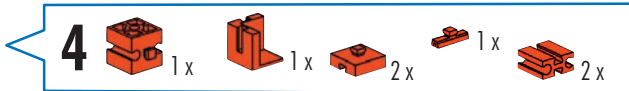
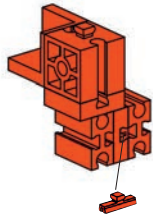
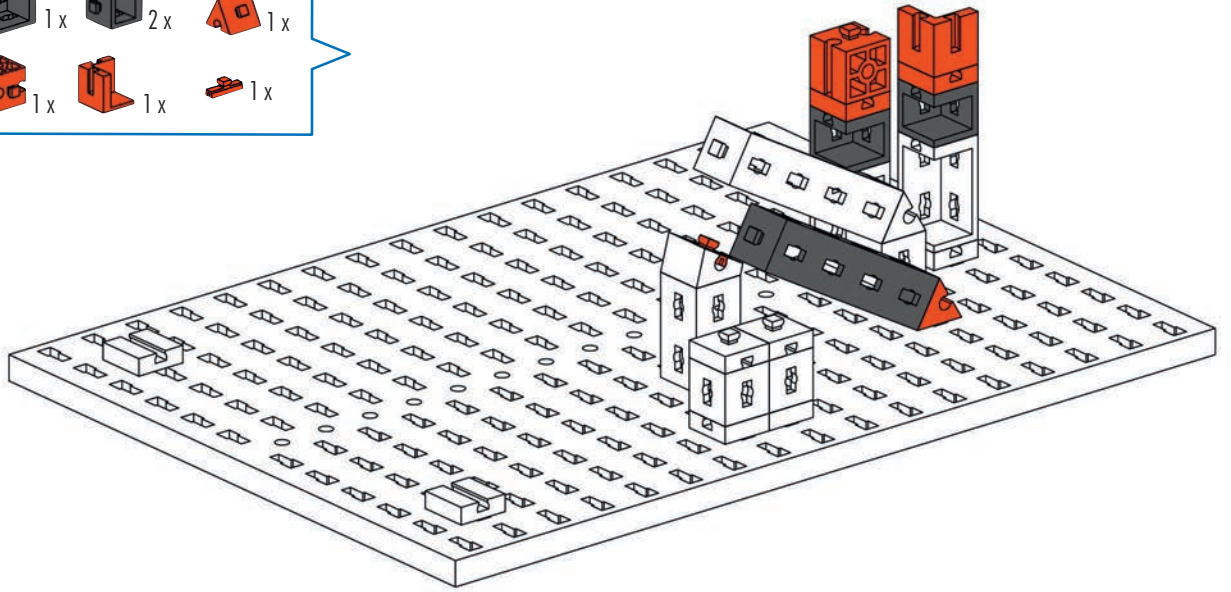
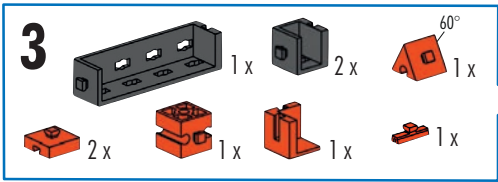



Schießförderer
Spring launcher
Lance-bille

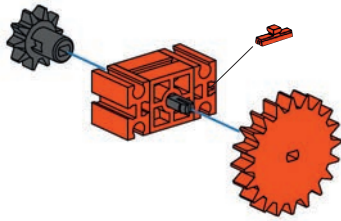
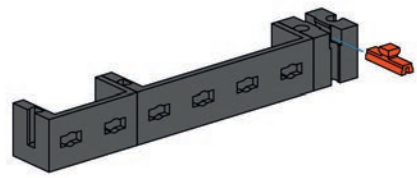
Schietmechanisme
Transportador de disparo
Transportadora de
arremesso


Convogliatore a tiro
Выстреливающий
транспортёр
弹射式输送机

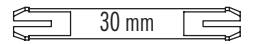





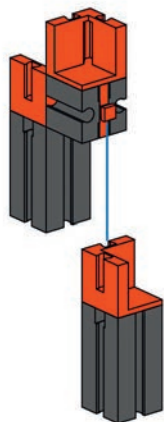
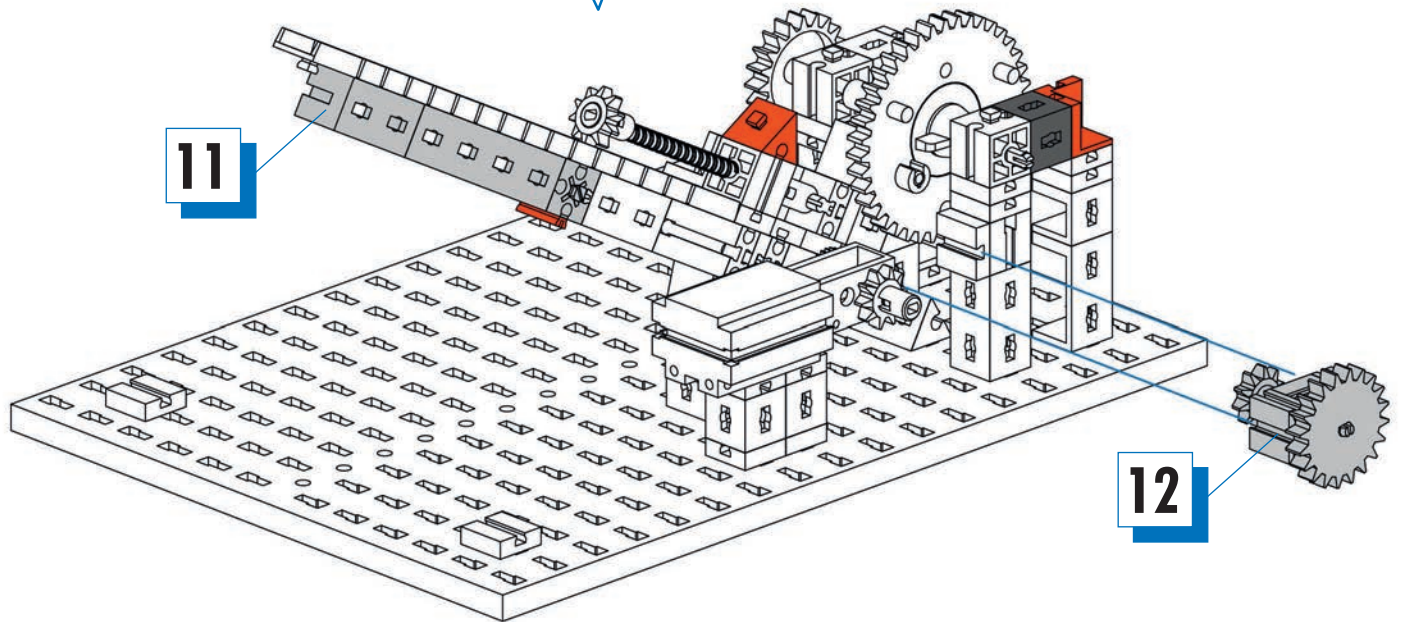
11  1x 1x 1x 1x









12  1x 2x 1x 1x 1x

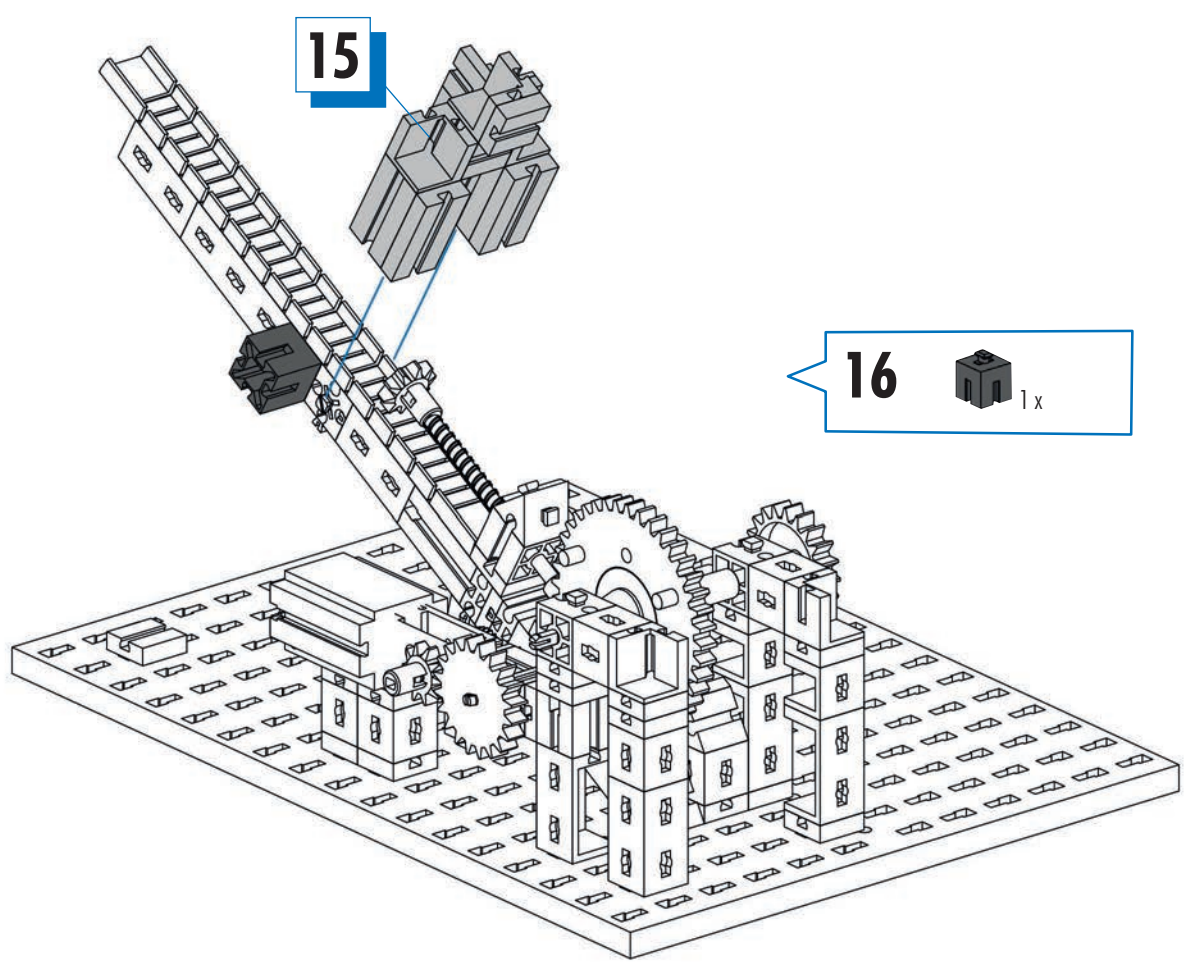
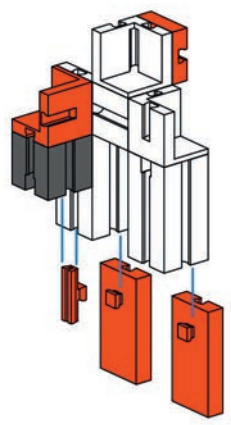



13  1x 1x 1x 1x 60°









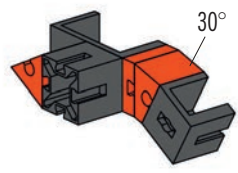
14  2x 1x 1x 3x

15  1x  2x  1x  1x  1x



16  1x

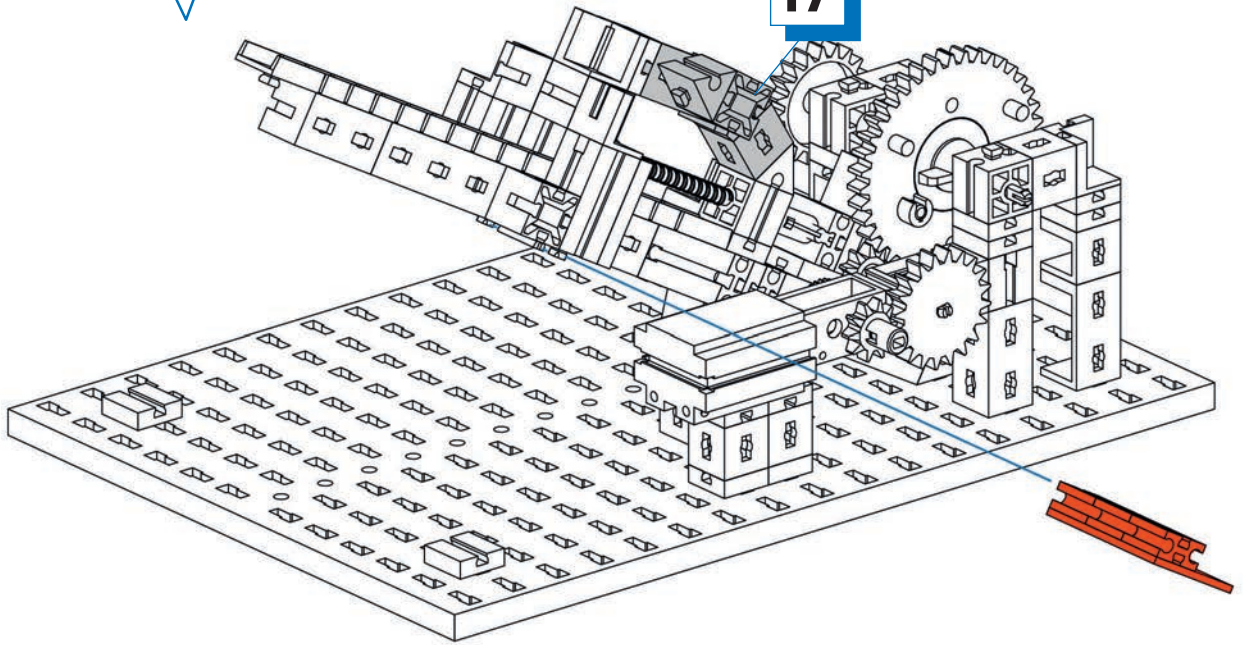
17  1x  1x  30° 1x  60° 1x  1x  1x



18

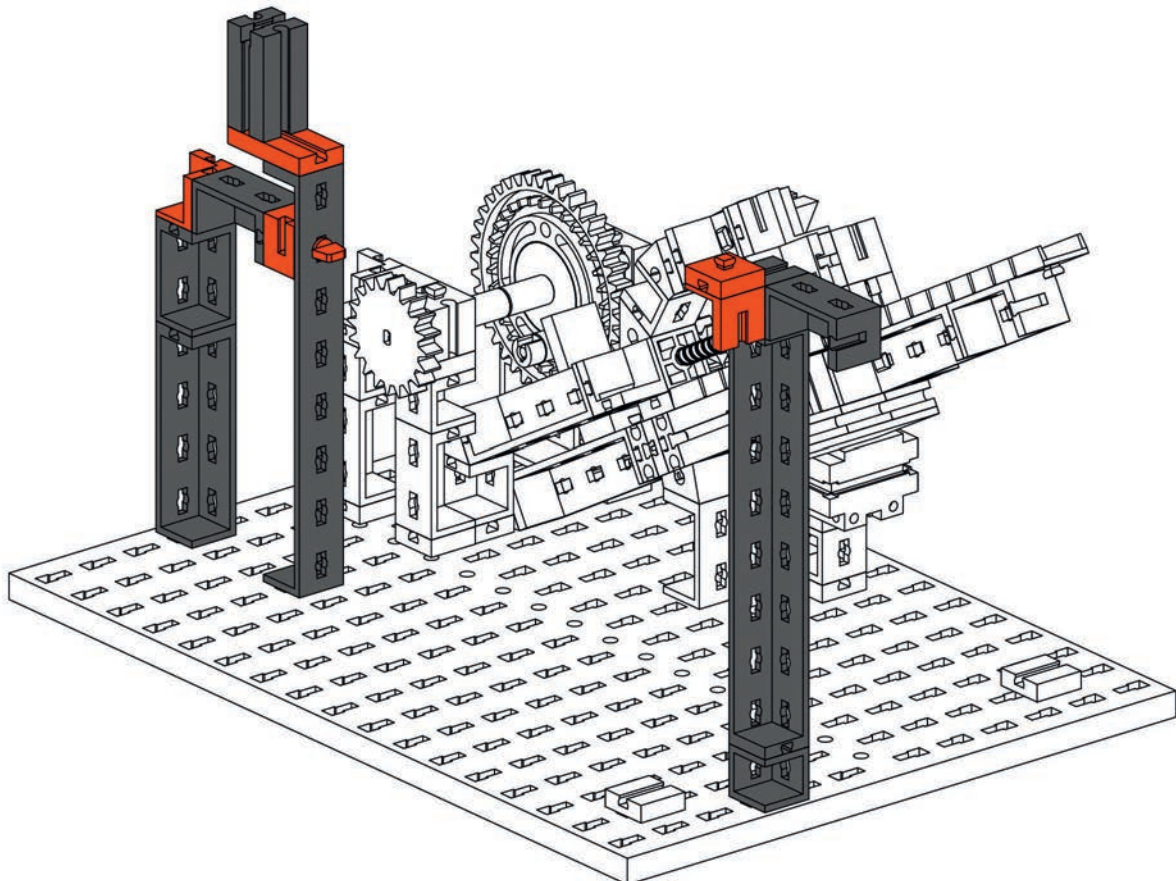
3x 1x

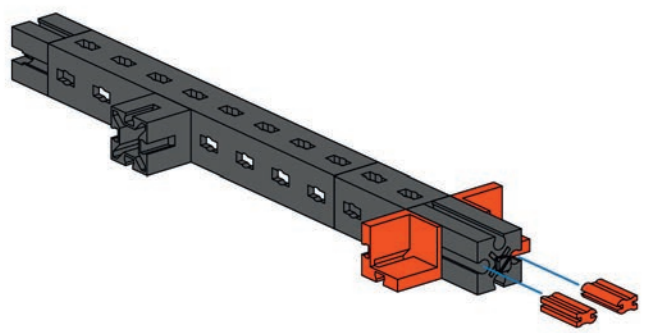
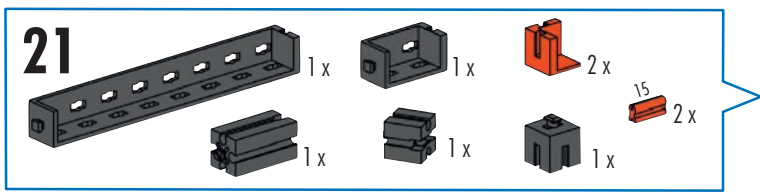
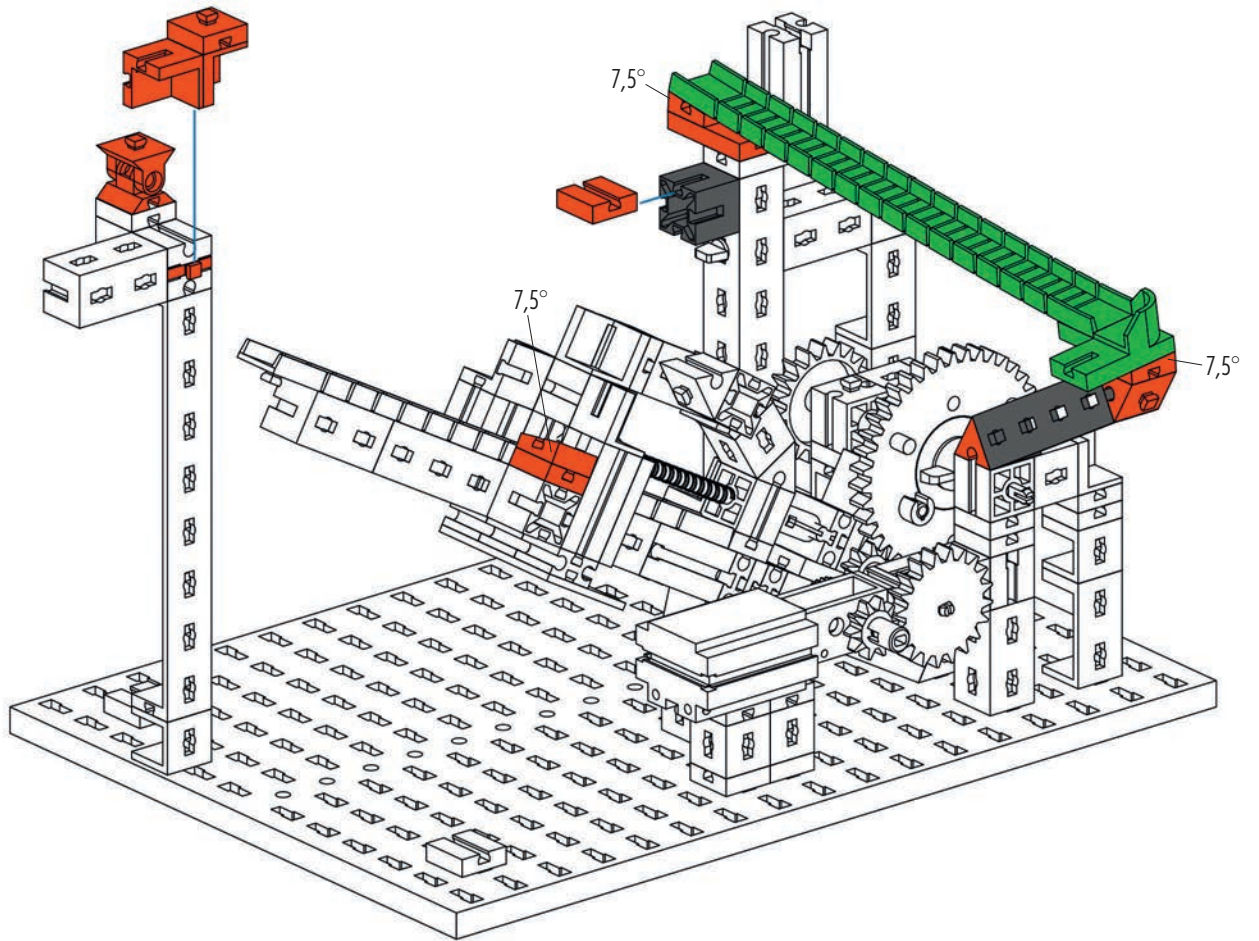
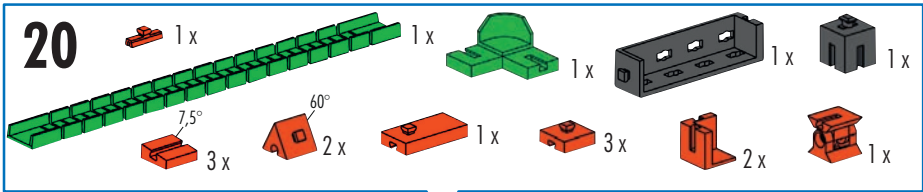
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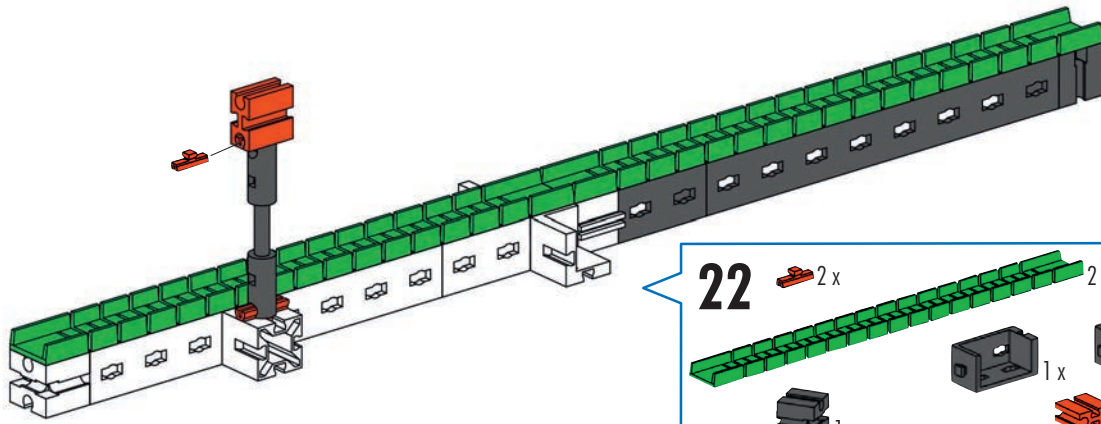


19

2x 1x 3x 1x 1x 1x 1x 1x 1x 1x 1x

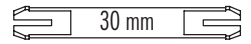






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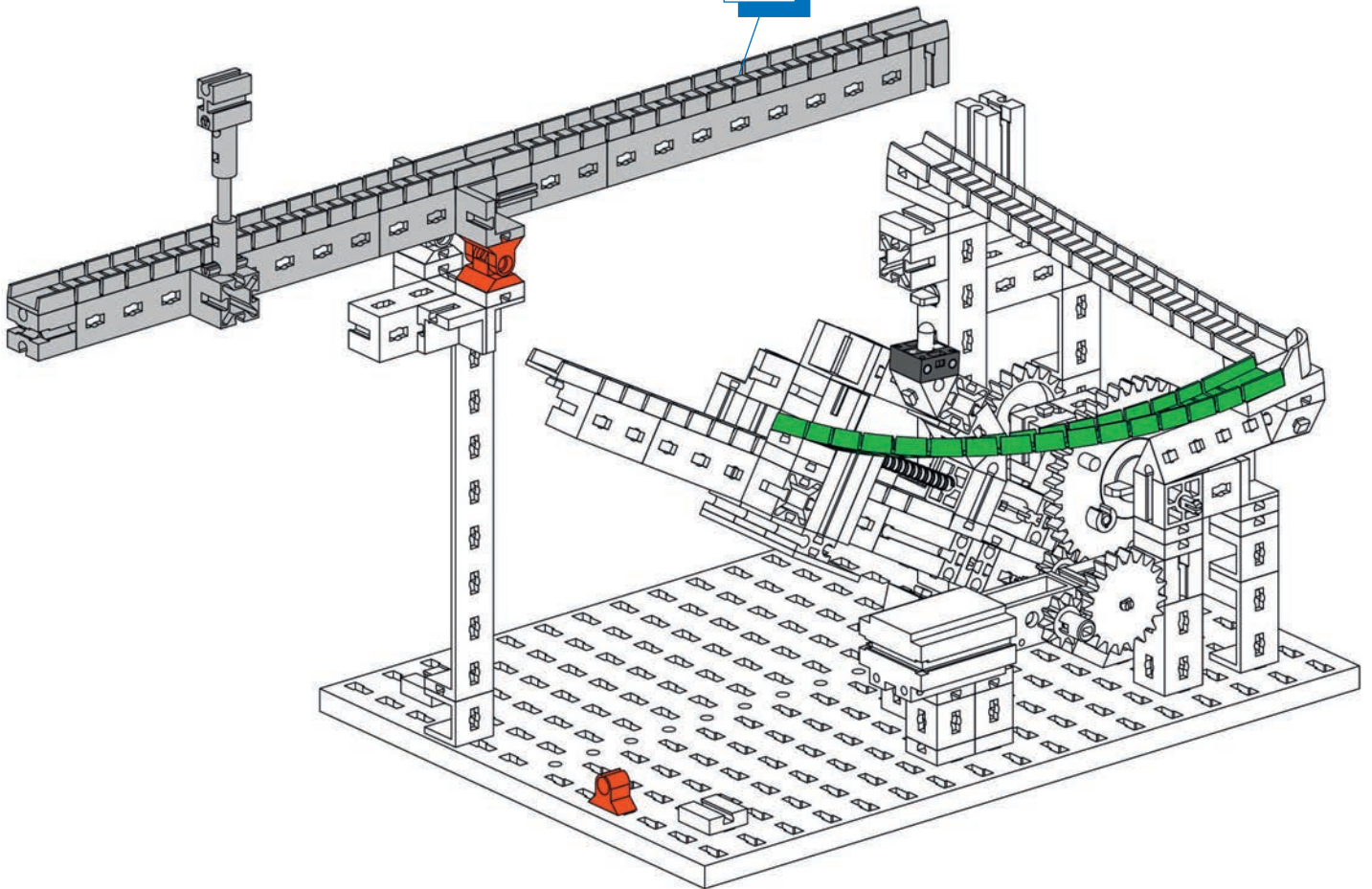
- 2 x (Red Technic Pin)
- 2 x (Green Technic Beam 11)
- 1 x (Black Technic Beam 11)
- 1 x (Black Technic Pin)
- 1 x (Black Technic Pin)
- 1 x (Red Technic Pin)
- 1 x (Black Technic Pin)
- 2 x (Black Technic Pin)

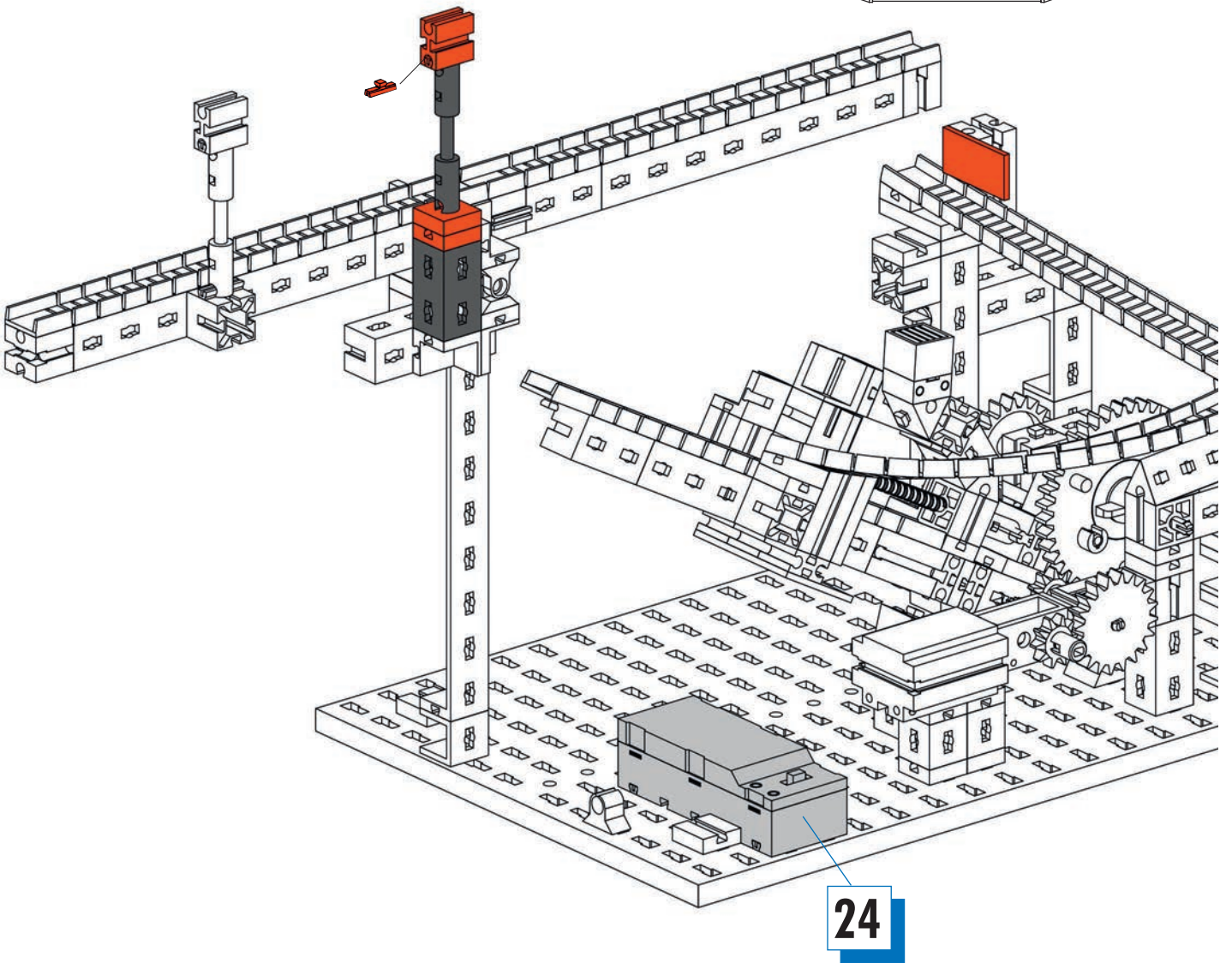
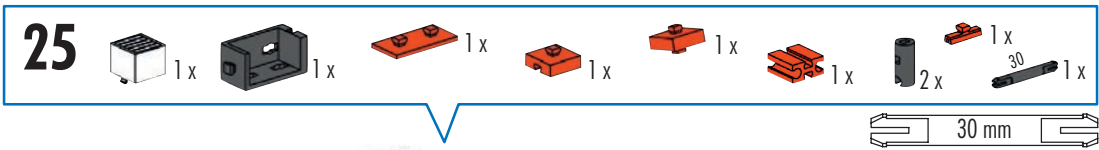
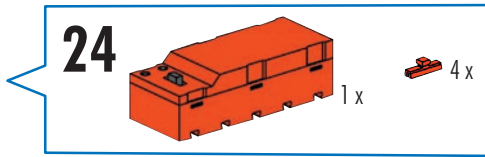
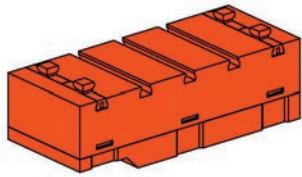


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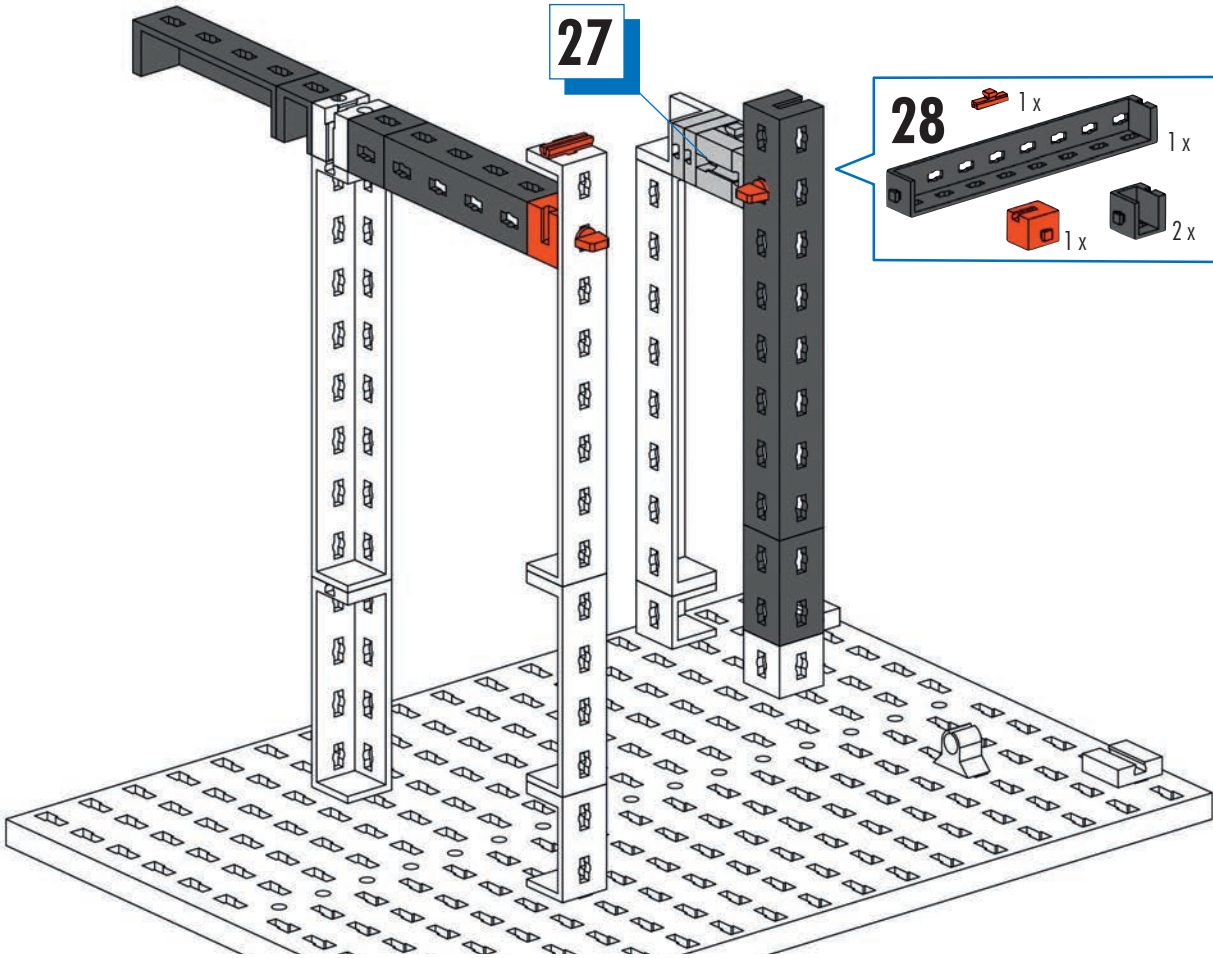
- 1 x (Green Technic Beam 11)
- 1 x (Red Technic Pin)
- 1 x (Black Technic Pin)
- 1 x (Red Technic Pin)

22

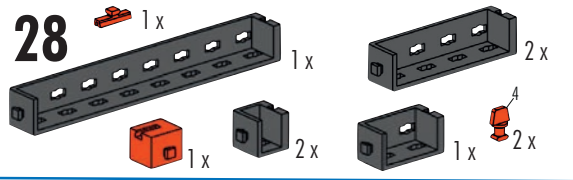




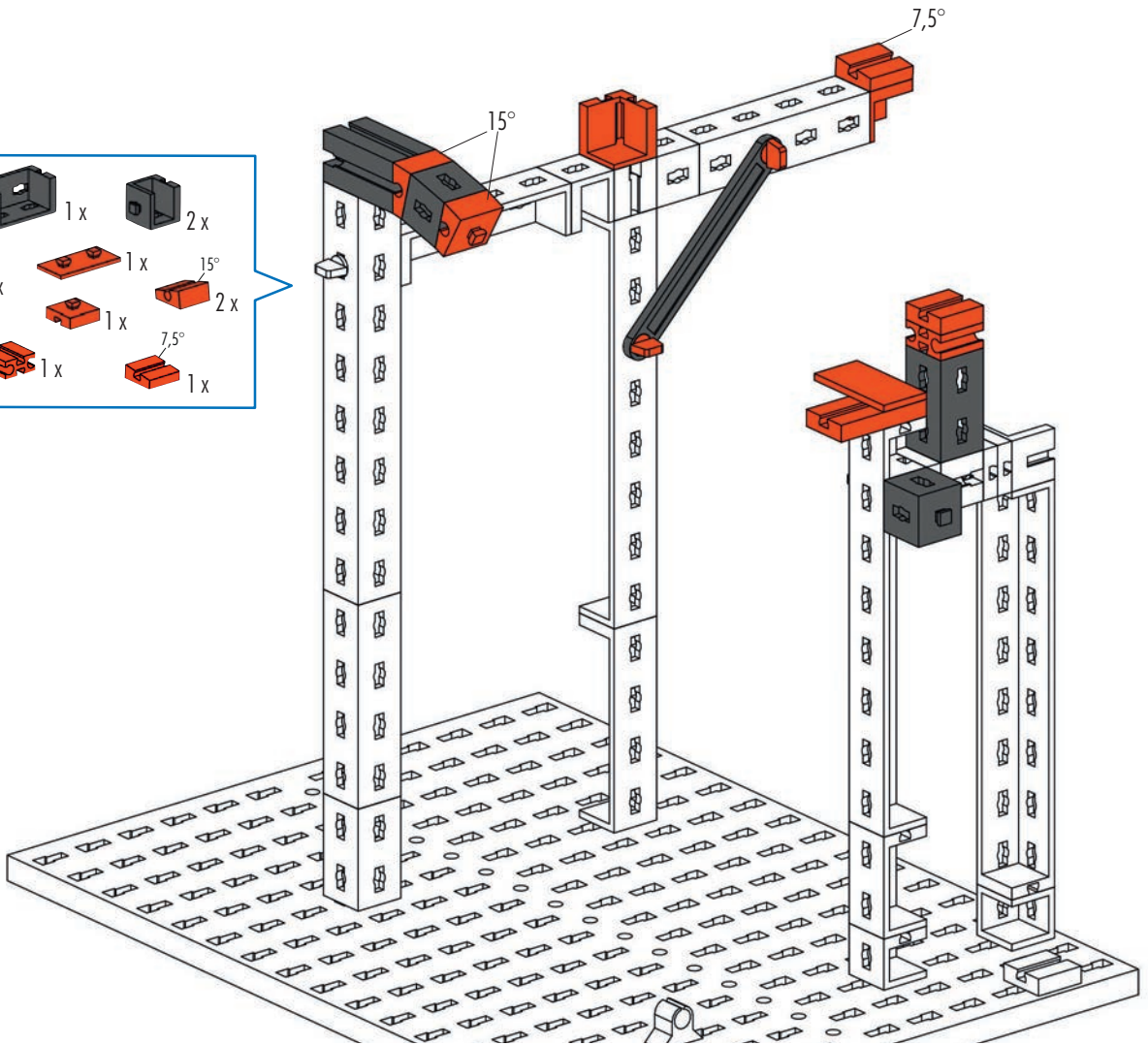
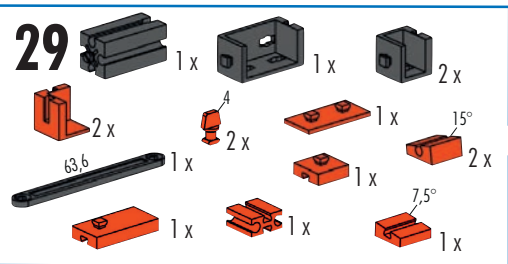
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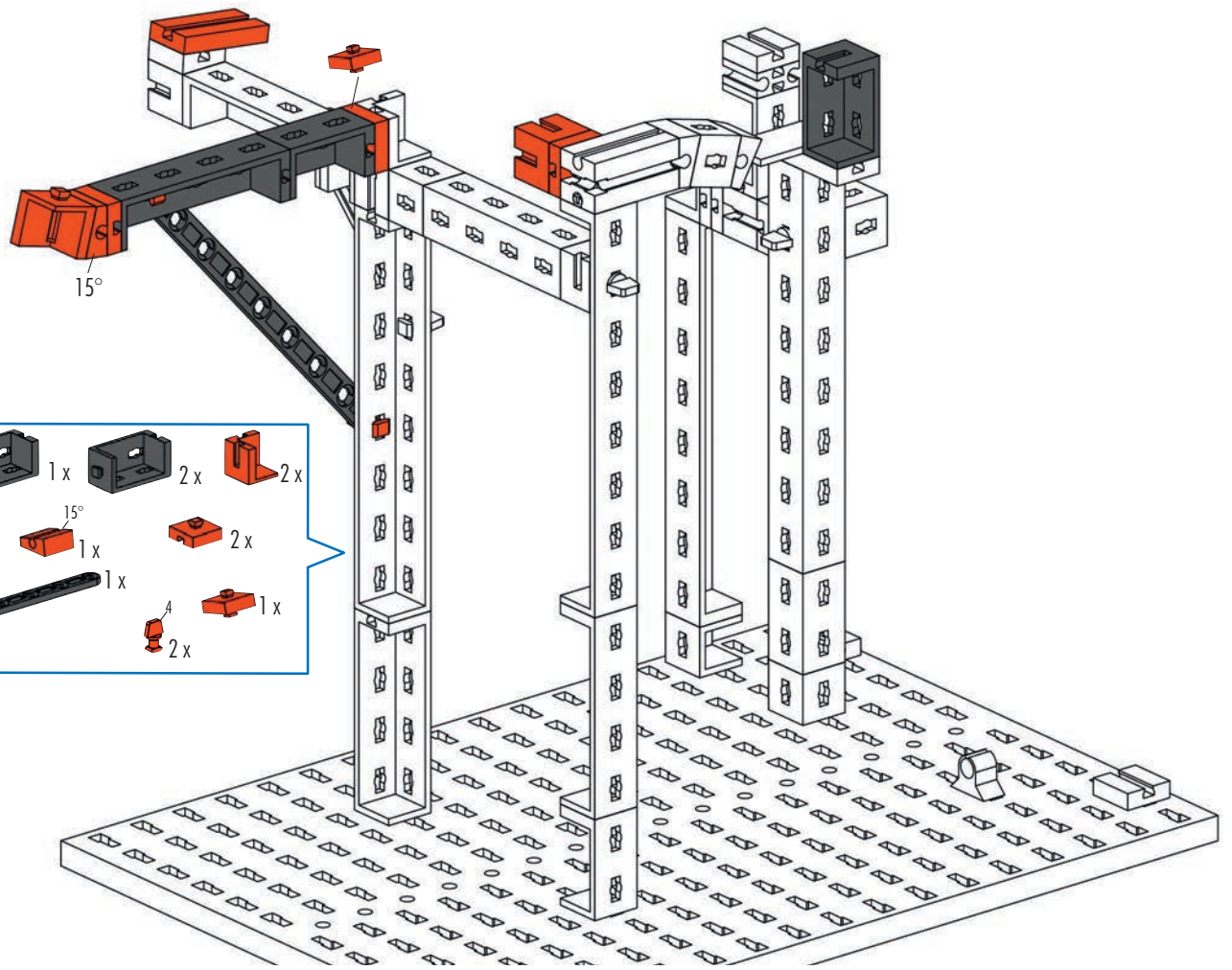


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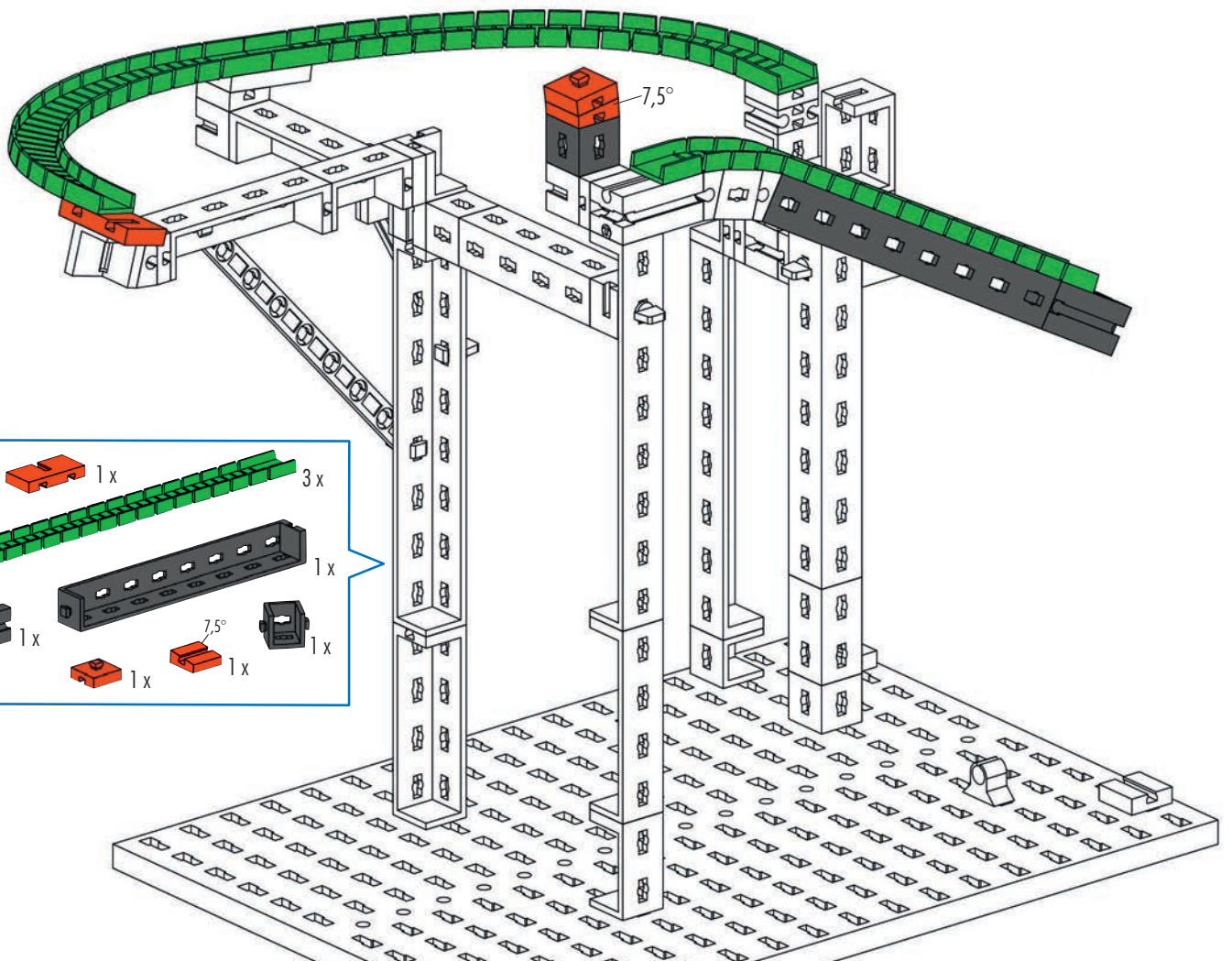
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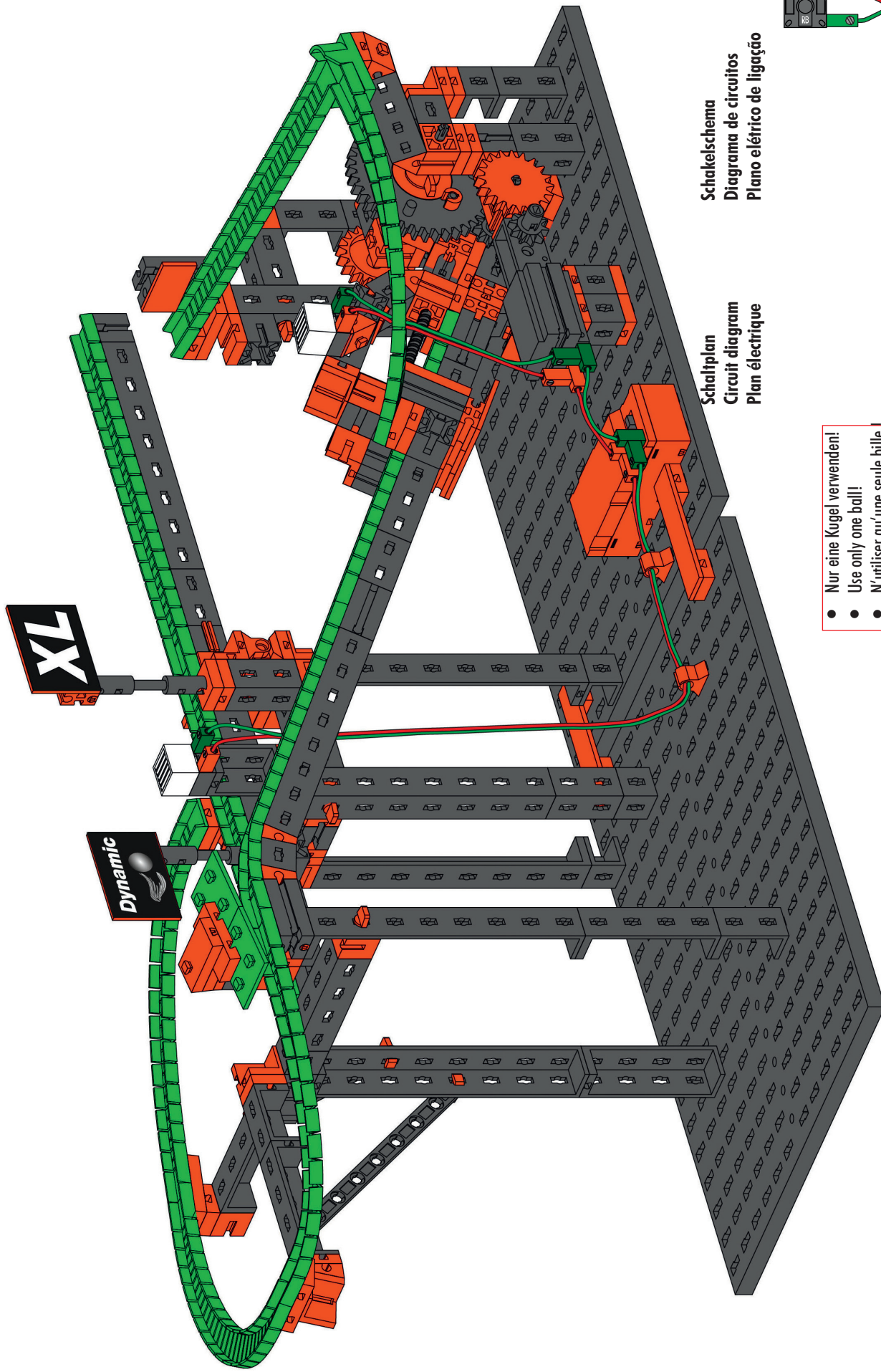
30

- 1 x 120 black Technic beam
- 1 x grey Technic beam (3 holes)
- 2 x grey Technic beam (3 holes)
- 2 x orange Technic beam (2 holes)
- 1 x orange Technic beam (1 hole)
- 1 x orange Technic beam (1 hole) at 15°
- 2 x orange Technic connector (1 hole)
- 1 x orange Technic connector (1 hole)
- 2 x orange Technic pin (1 hole)



31

- 1 x orange Technic beam (2 holes)
- 3 x green Technic cable
- 1 x grey Technic beam (3 holes)
- 1 x grey Technic beam (3 holes)
- 1 x orange Technic beam (1 hole)
- 1 x orange Technic beam (1 hole) at 7.5°
- 1 x grey Technic connector (1 hole)

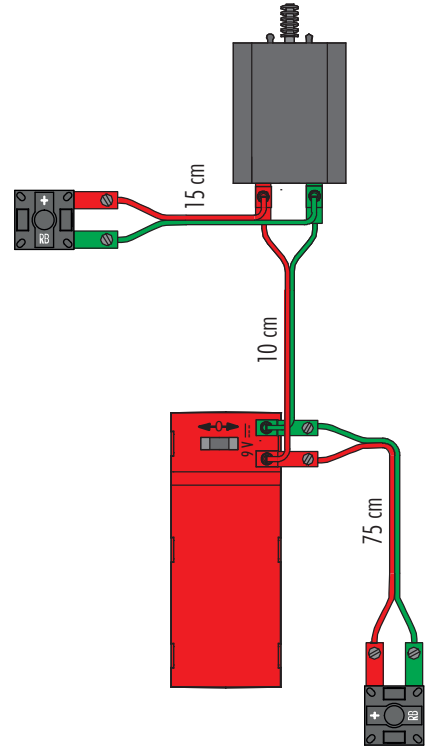


Schaltplan
Circuit diagram
Plan électrique

Schaltschema
Diagrama de circuitos
Plano elétrico de ligação

Schema elettrico
Схема подключения
电路图

- Nur eine Kugel verwenden!
- Use only one ball!
- N'utiliser qu'une seule bille
- Gebruik slechts één kogel!
- iEmplear solo una bola!
- Utilize apenas uma esfera!
- Utilizzare una sola sfera!
- Используйте только один шарик!
- 只使用一个钢珠！





Ketten- und Schießförderer
Chain conveyor and spring
launcher
 Transporteur à chaîne
 lance-bille

Kettingtransporteur en
schiefmechanisme
 Transportador de cadena
 y de disparo
 Transportadora de corrente
 e de arremesso

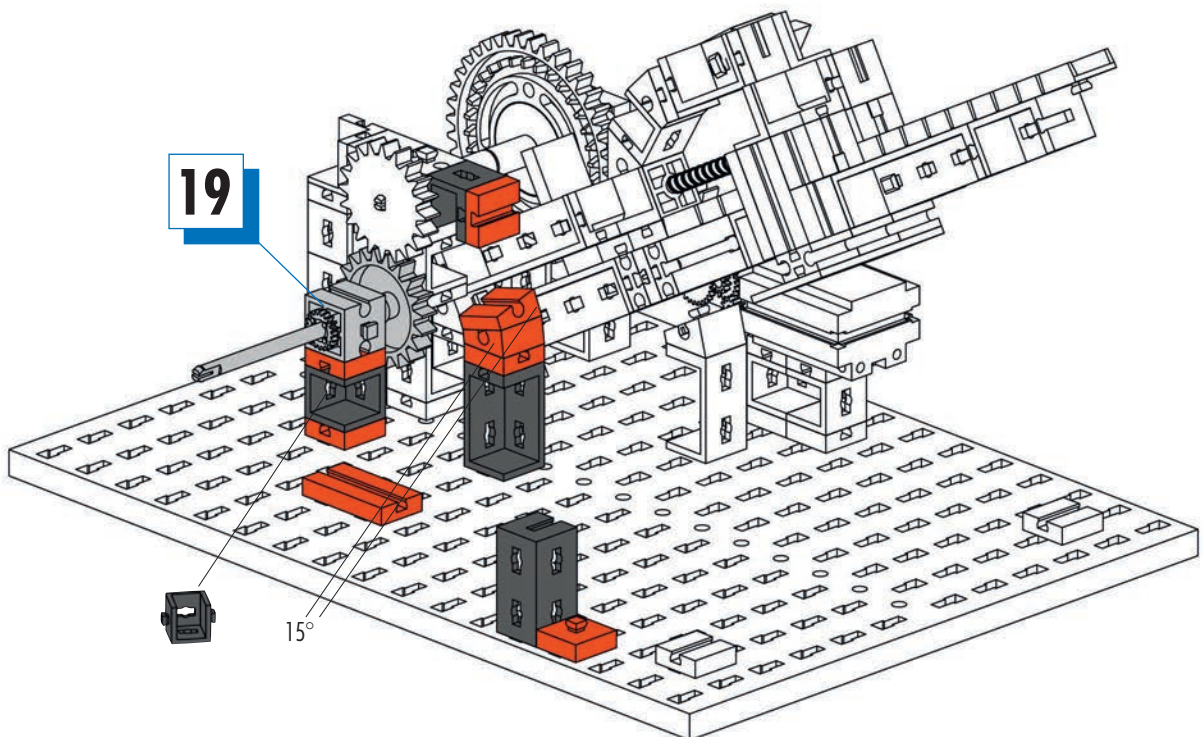
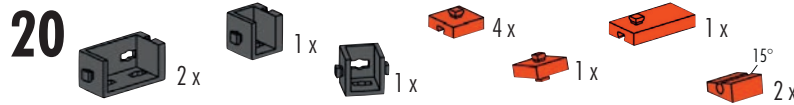
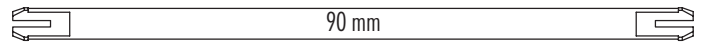
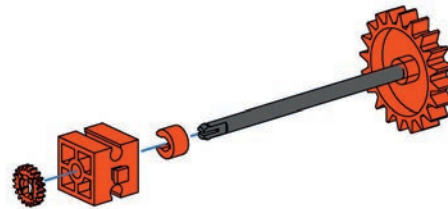
Convogliatore a catena e a tiro
 Цепной и выстреливающий
 транспортёр
 链式和弹射式输送机混合搭配

1-18 Schießförderer
 Spring launcher
 Lance-bille

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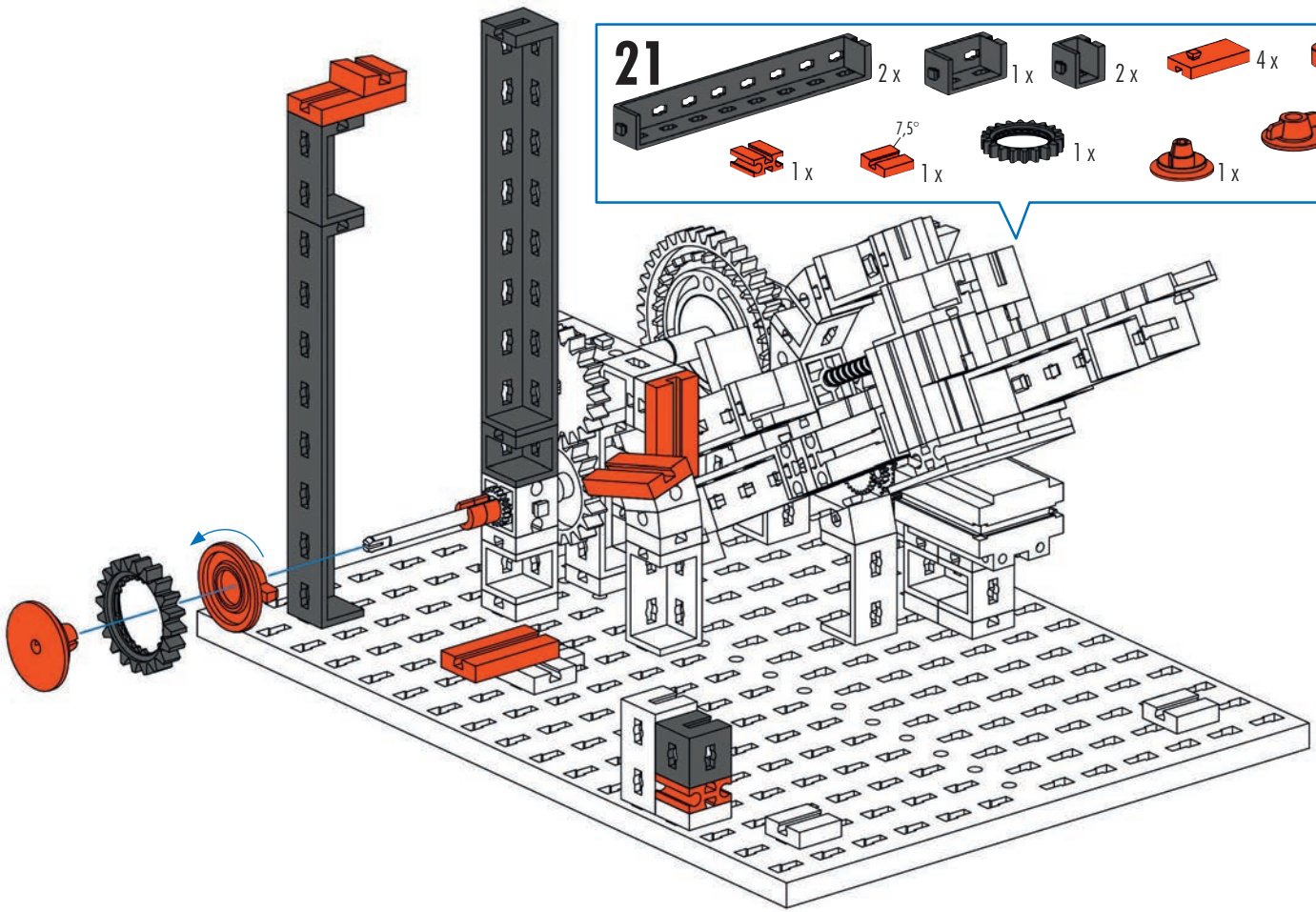
Schiefmechanisme
 Transportador de disparo
 Transportadora de
 arremesso

Convogliatore a tiro
 Выстреливающий
 транспортёр
 弹射式输送机



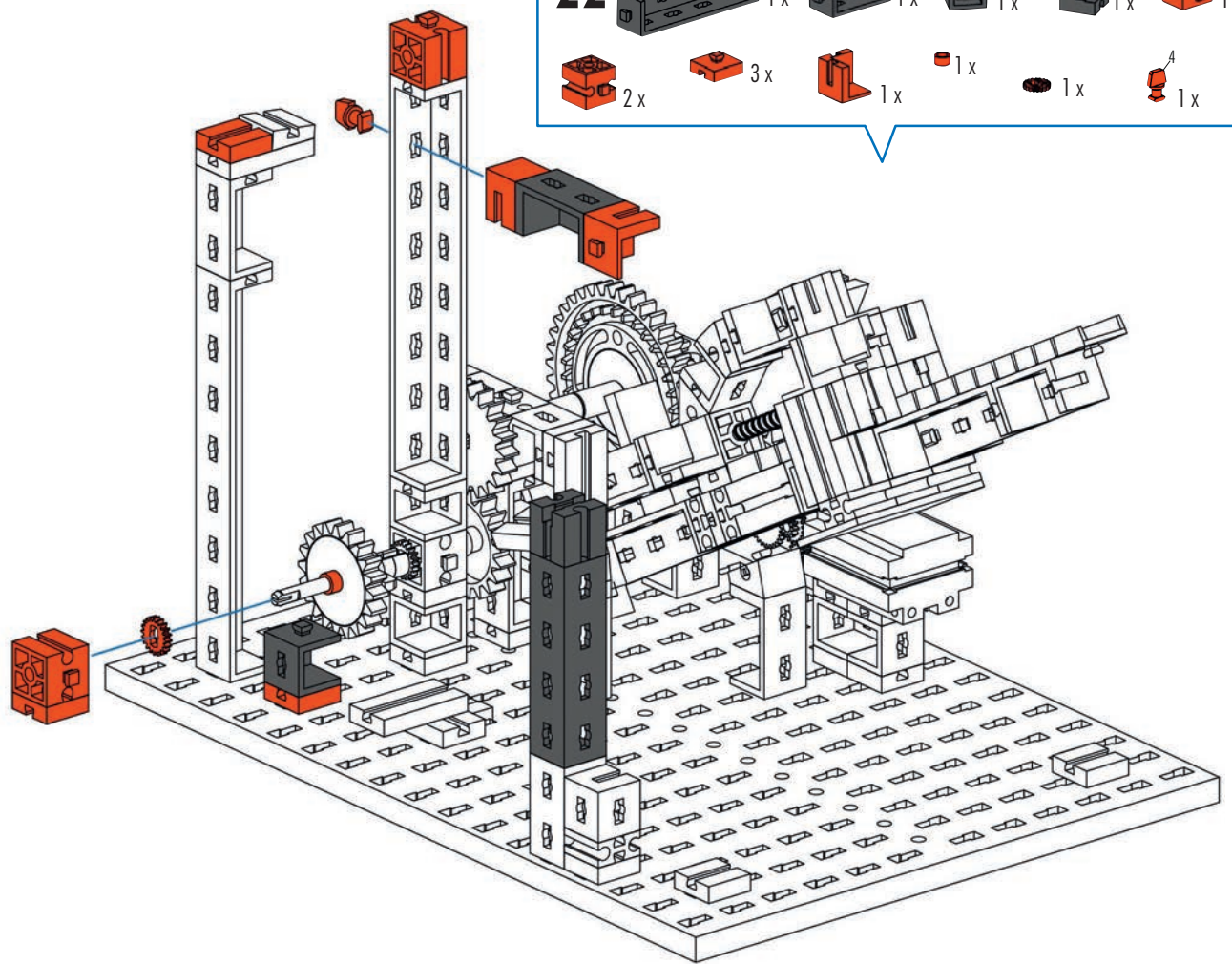
21

- 2x 1x6 Technic Beam (Dark Grey)
- 1x 1x2 Technic Connector (Dark Grey)
- 2x 1x2 Technic Connector (Dark Grey)
- 4x 1x2 Technic Connector (Red)
- 2x 1x2 Technic Connector (Red)
- 1x 1x2 Technic Connector (Red)
- 1x 1x2 Technic Connector (Red)
- 1x 7.5° Technic Connector (Red)
- 1x 24-tooth Technic Gear (Dark Grey)
- 1x 1x2 Technic Connector (Red)
- 1x 1x2 Technic Connector (Red)



22

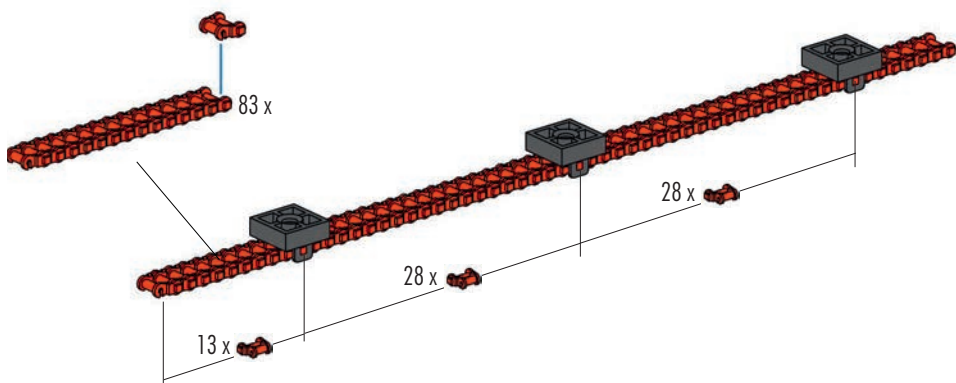
- 1x 1x6 Technic Beam (Dark Grey)
- 1x 1x2 Technic Connector (Dark Grey)
- 1x 1x2 Technic Connector (Dark Grey)
- 1x 1x2 Technic Connector (Dark Grey)
- 1x 1x2 Technic Connector (Red)
- 2x 1x2 Technic Connector (Red)
- 3x 1x2 Technic Connector (Red)
- 1x 1x2 Technic Connector (Red)
- 1x 1x2 Technic Connector (Red)
- 1x 1x2 Technic Connector (Red)
- 1x 1x2 Technic Connector (Red)
- 1x 1x2 Technic Connector (Red)
- 1x 1x2 Technic Connector (Red)



24

83 x

3 x



24

25

2 x

1 x

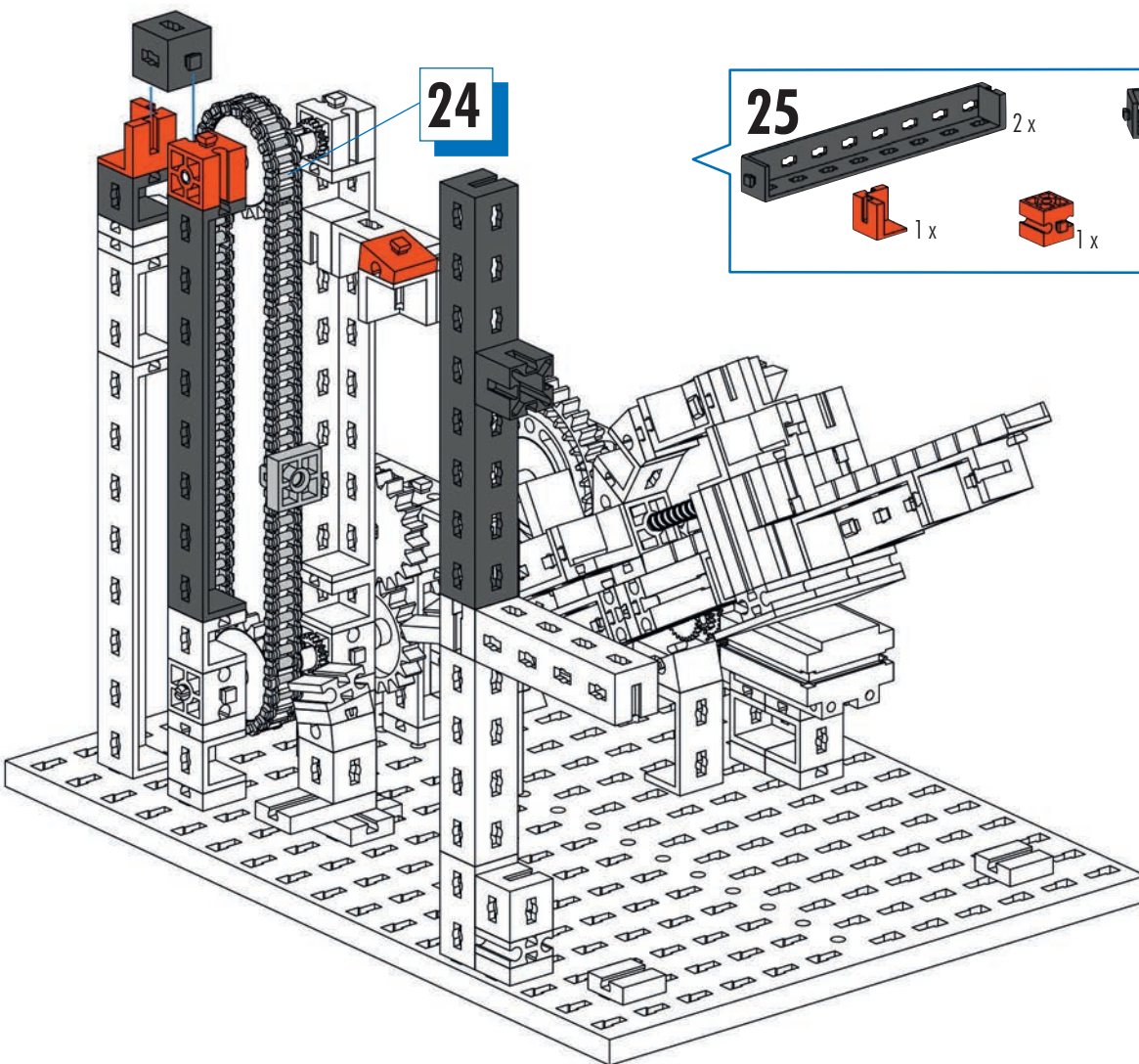
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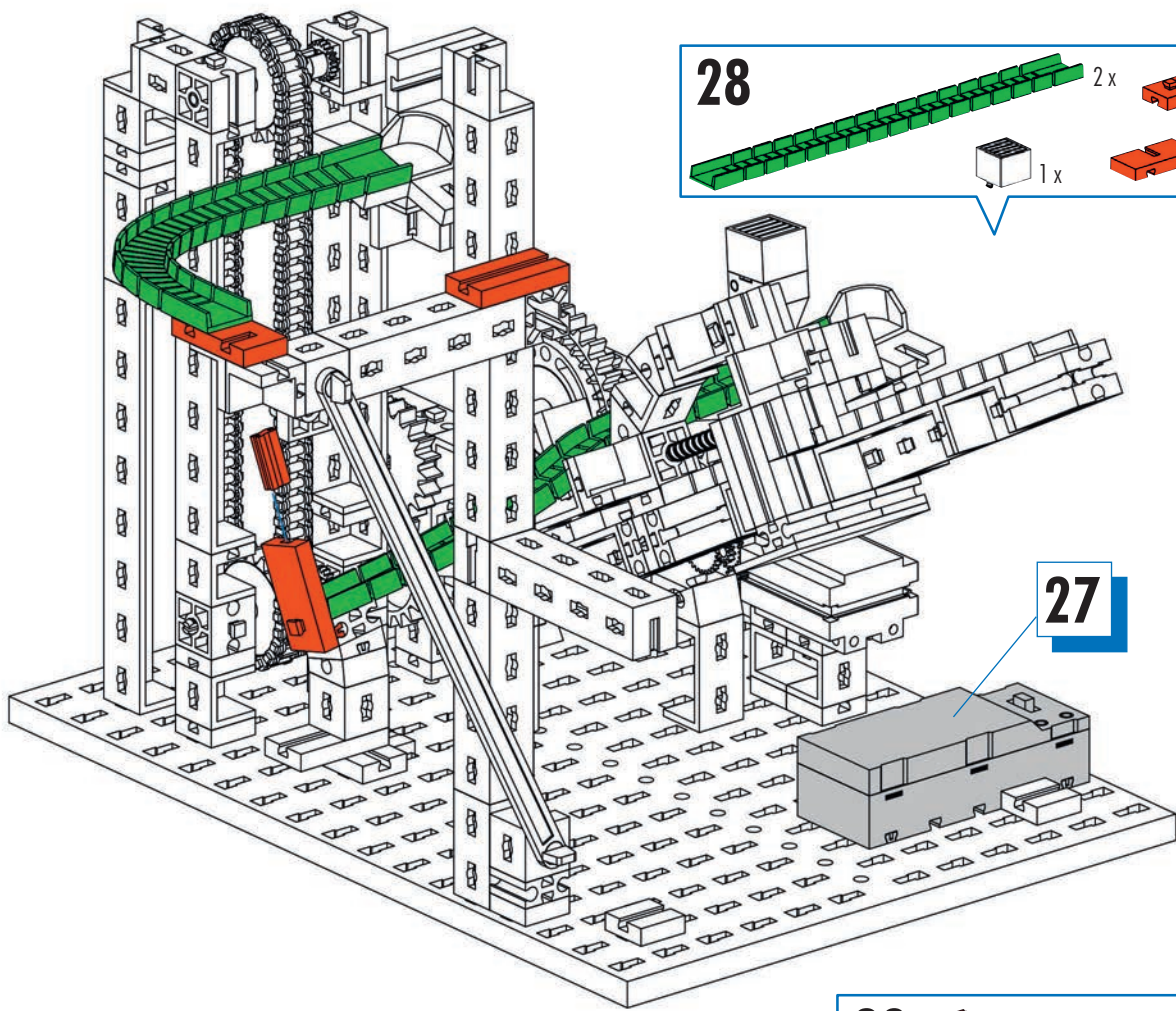
1 x

1 x

15° 1 x

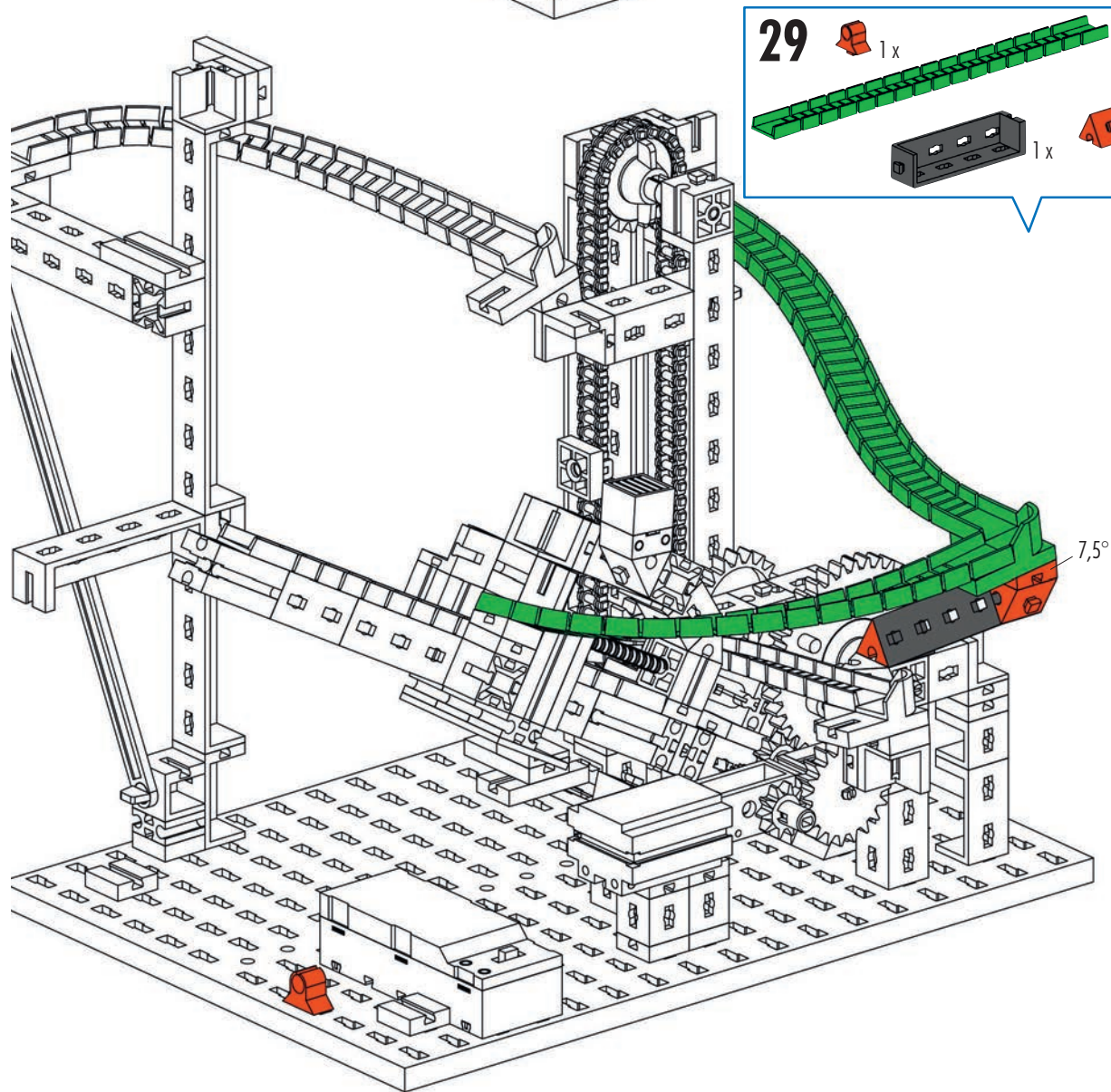
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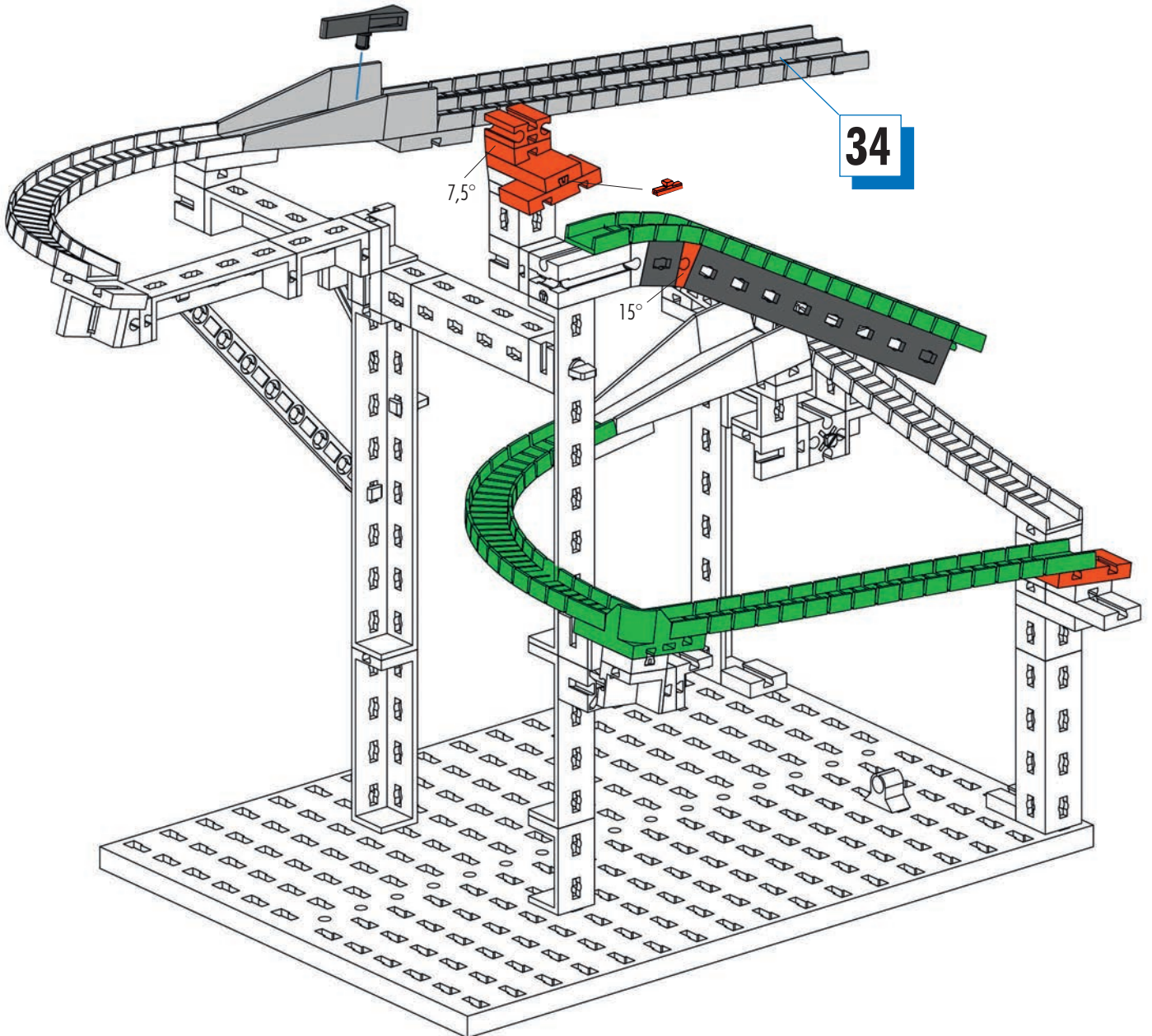
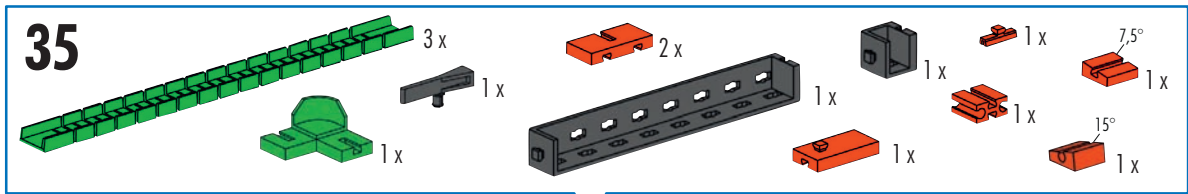
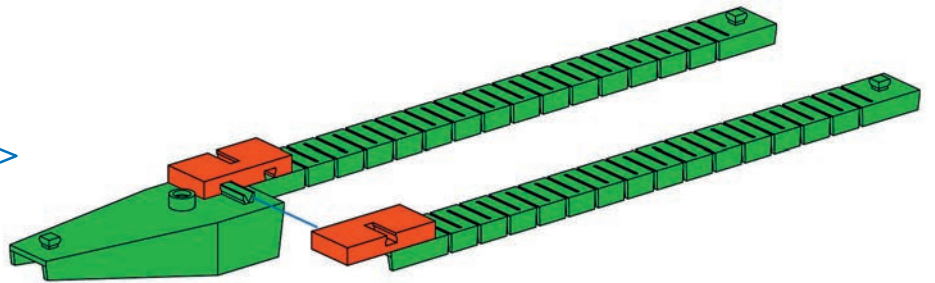
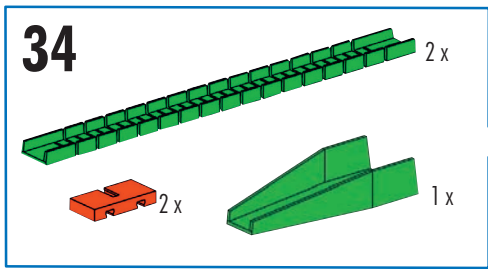
28

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

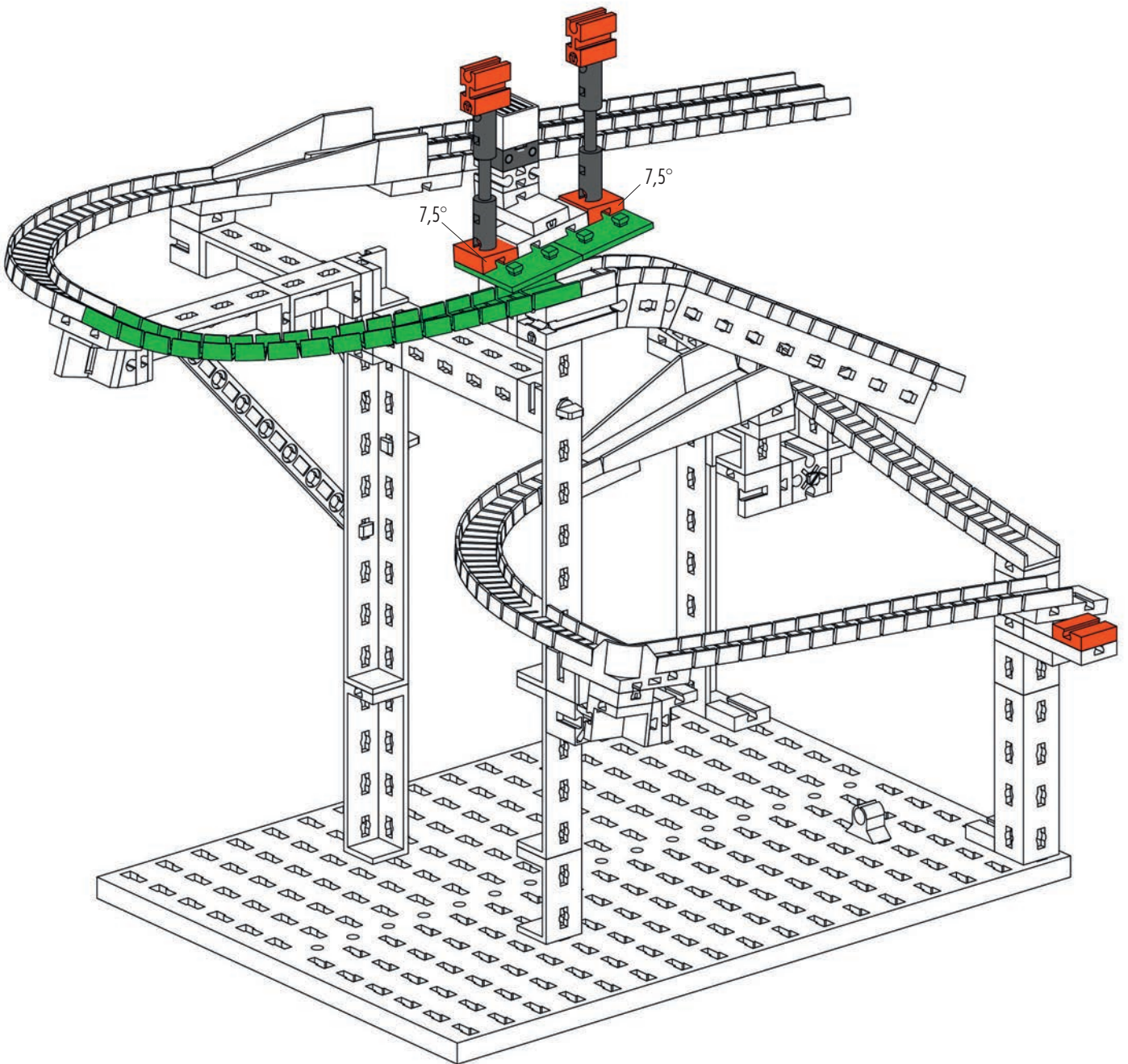
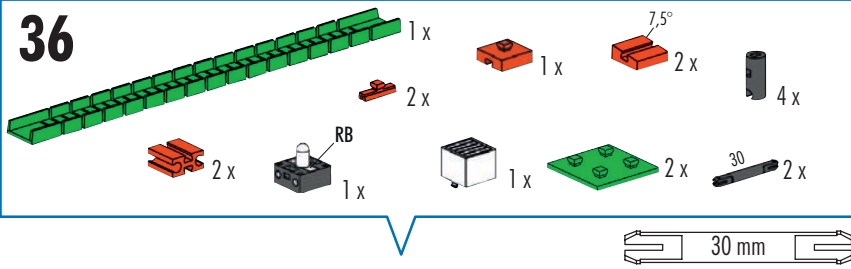


29

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

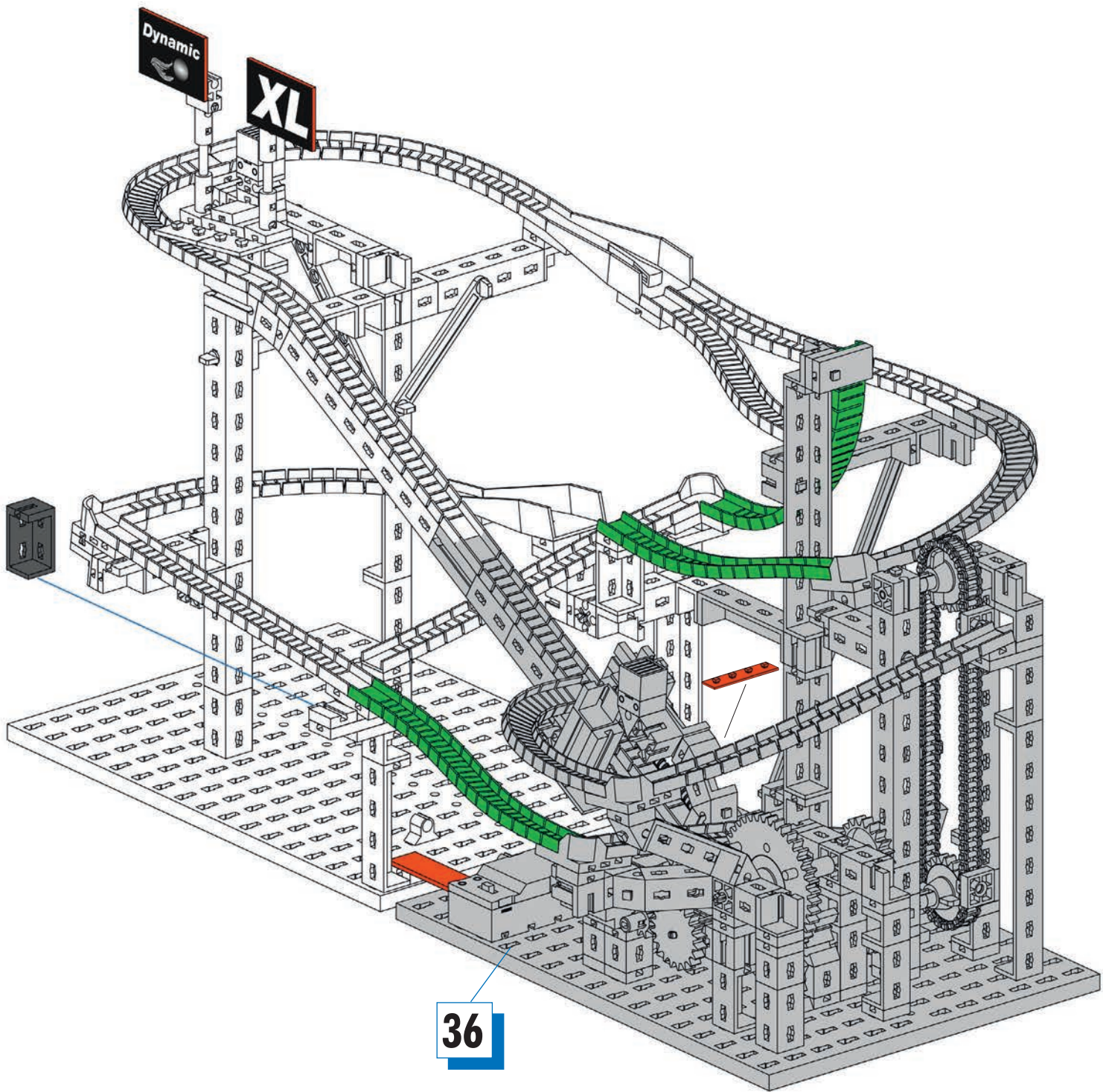


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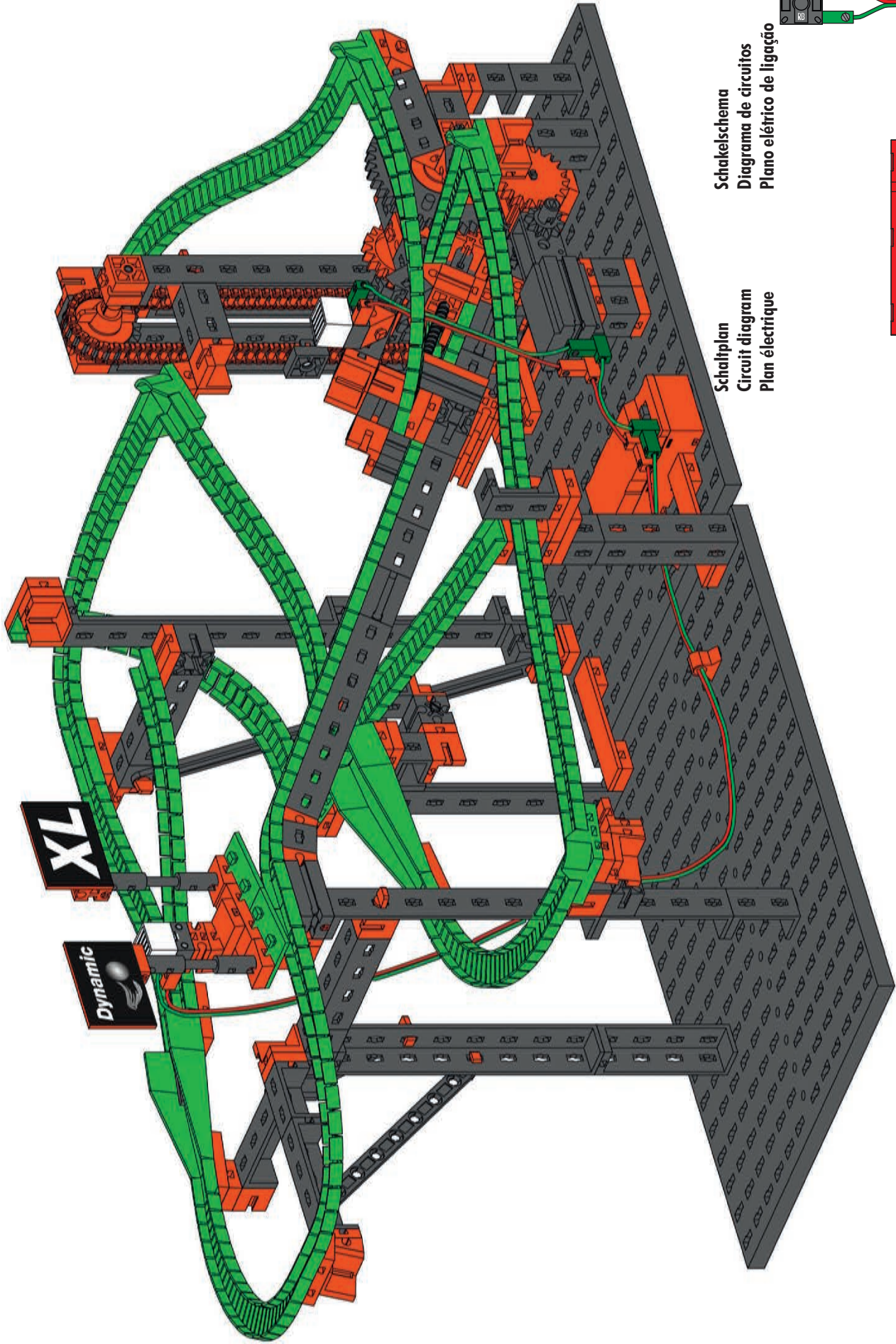


37

- 3 x Green Technic Beam
- 1 x Dynamic Plate
- 1 x XL Plate
- 2 x Red Technic Beam
- 1 x Grey Technic Connector



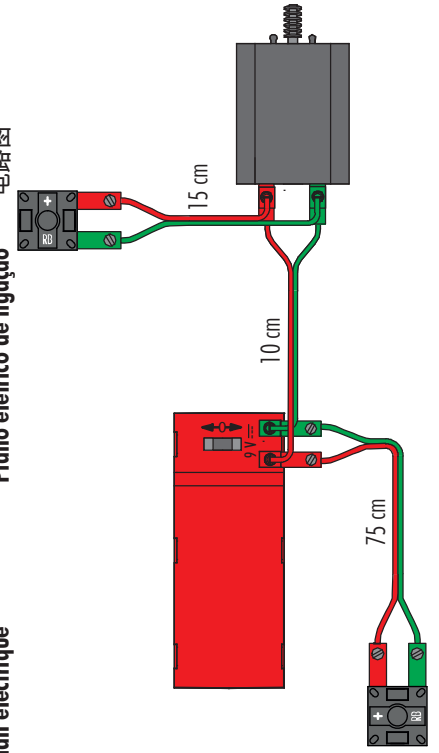
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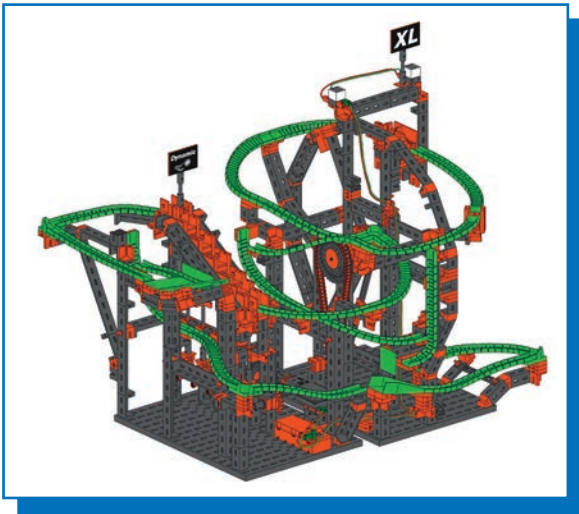


Schaltplan
Circuit diagram
Plan électrique

Schakelschema
Diagrama de circuitos
Plano eléctrico de ligação

Schema elettrico
Схема подключения
电路图





Rad- und Treppenförderer
Wheel and stair step conveyor
Transporteur à roue
monte-escalier

Wiel- en trapsgewijze transporteur
Transportador de ruedas y de
escalera
Transportadora de roda e de
corrente

Convogliatore a ruota e a scala
Роторный и лестничный
транспортёр
斗轮式和阶梯式输送机混合搭配

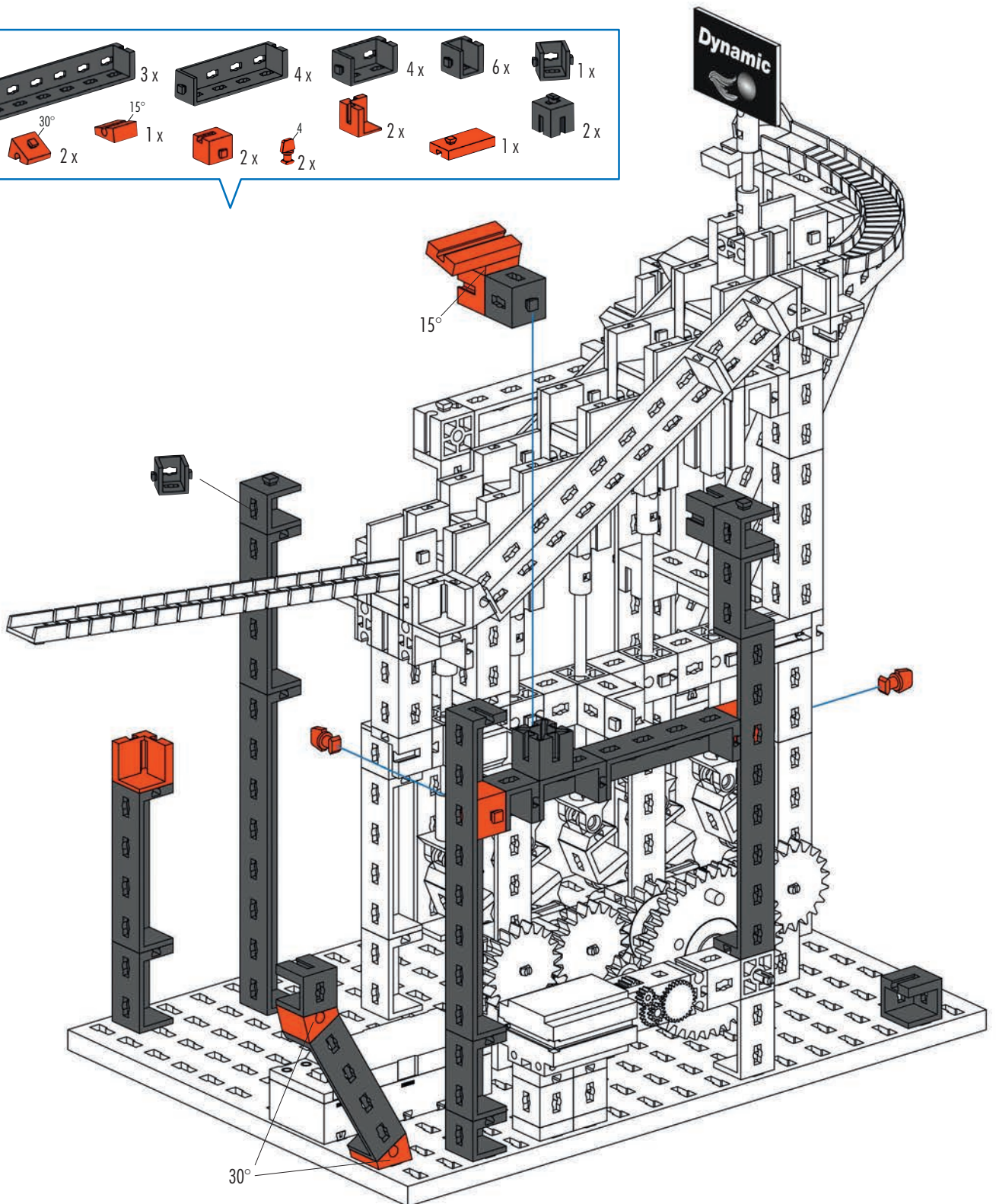
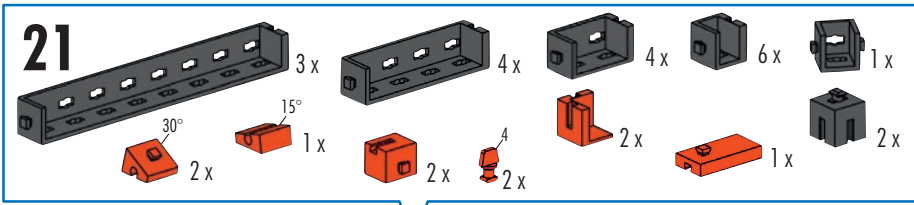
1-20

Treppenförderer
Stair step conveyor
Monte-escalier

Trapsgewijze transporteur
Transportador de escalera
Transportadora de escada

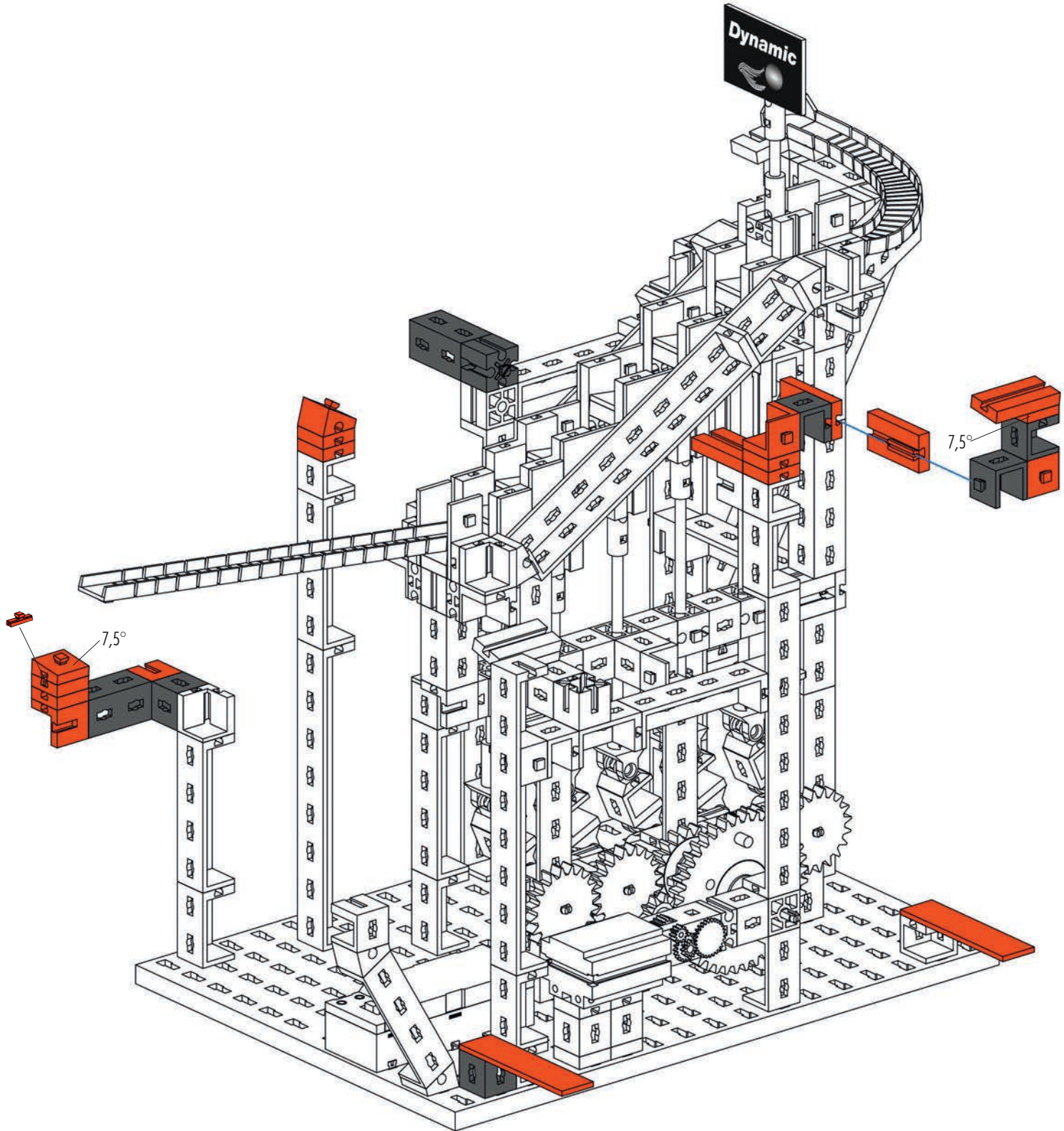
Convogliatore a scala
Лестничный транспортёр
阶梯式输送机

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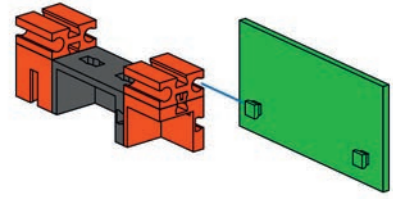
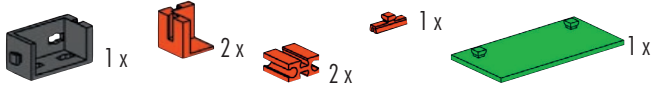


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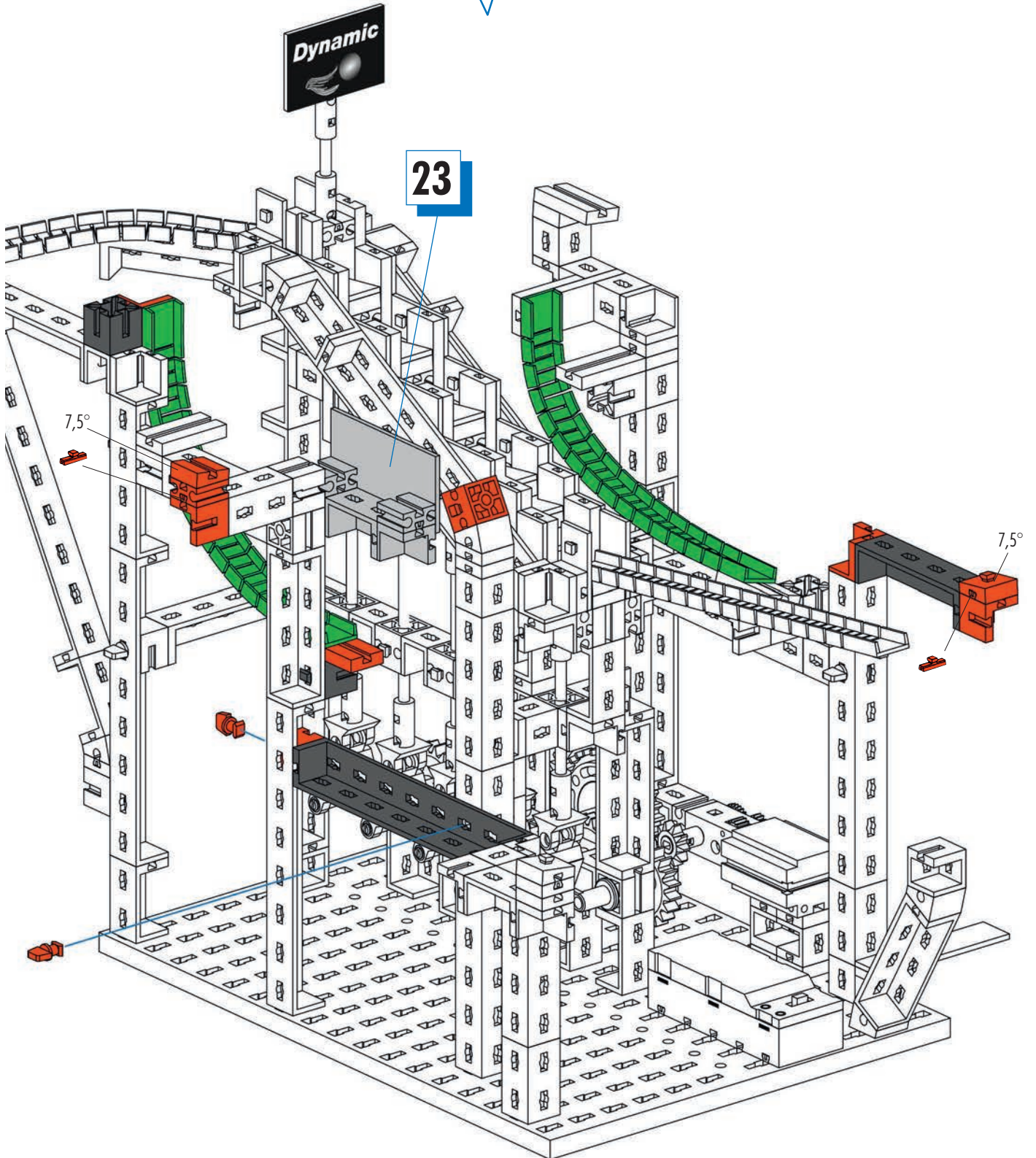
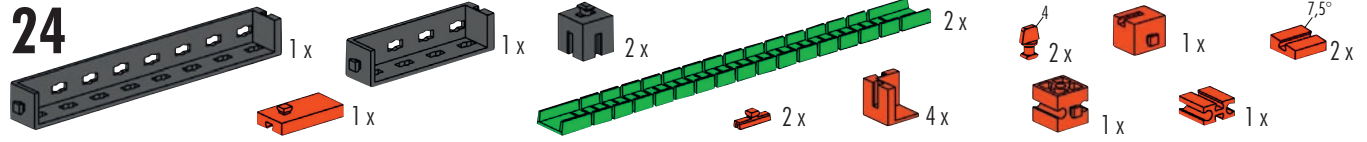
- 2x [Grey Technic Brick with Hole]
- 4x [Grey Technic Brick with Hole]
- 1x [Grey Technic Brick with Hole]
- 1x [Grey Technic Brick with Hole]
- 4x [Red Technic Brick with Hole]
- 4x [Red Technic Brick with Hole]
- 2x [Red Technic Brick with Hole, 7.5°]
- 1x [Red Technic Brick with Hole, 30°]
- 6x [Red Technic Brick with Hole]
- 2x [Red Technic Brick with Hole]
- 2x [Red Technic Brick with Hole]



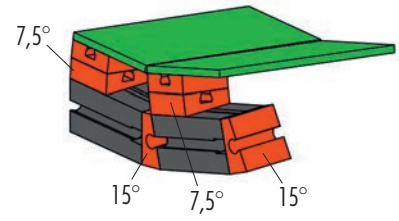
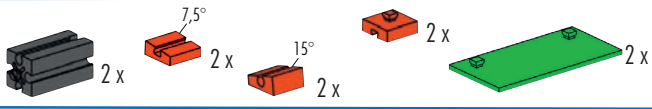
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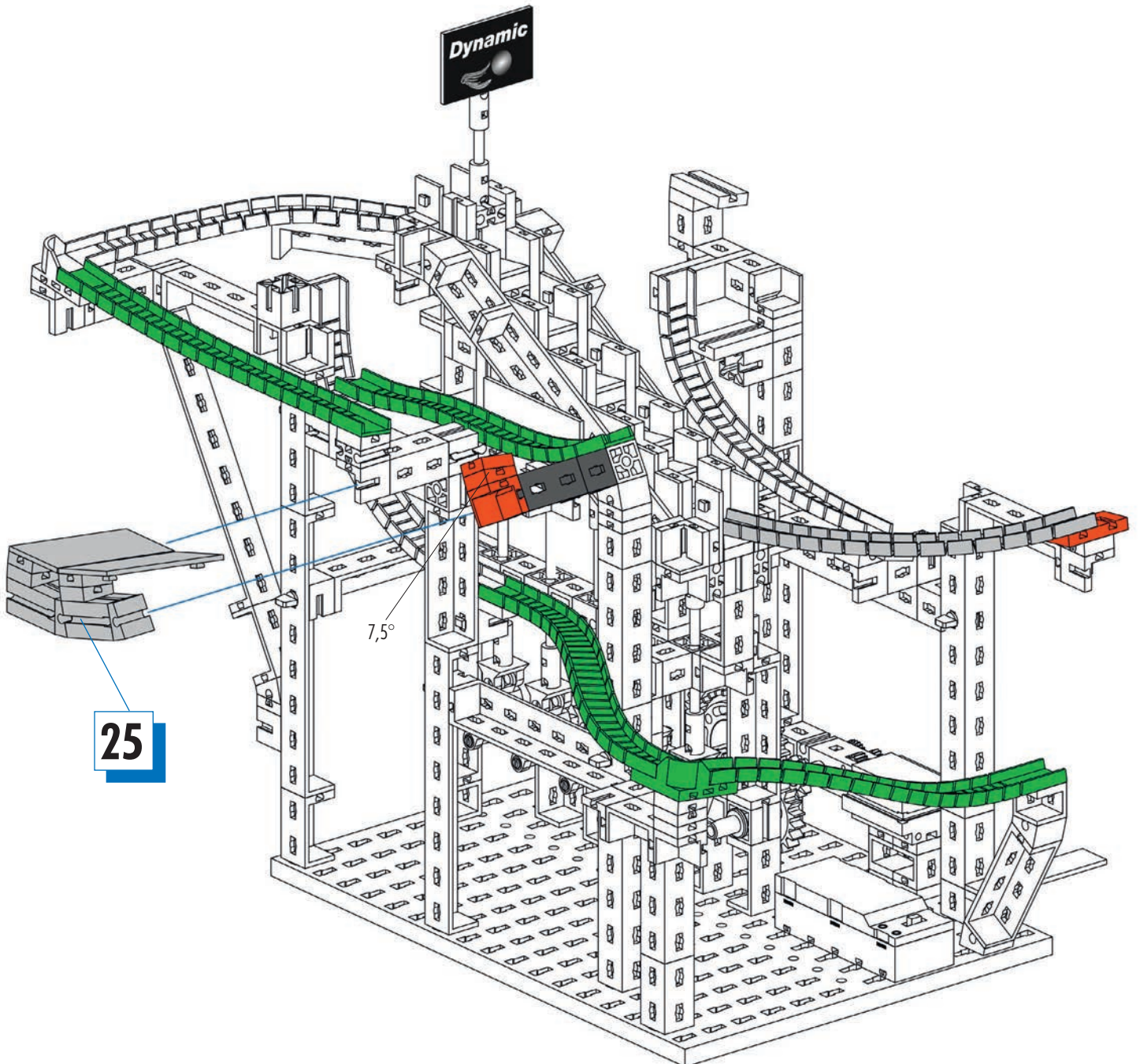
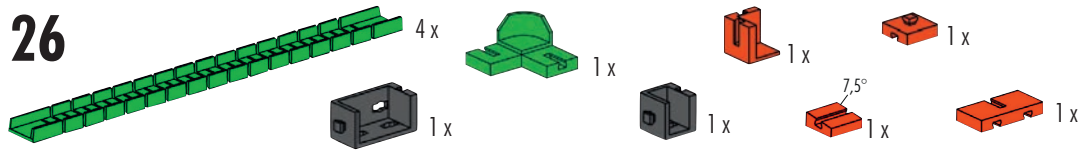
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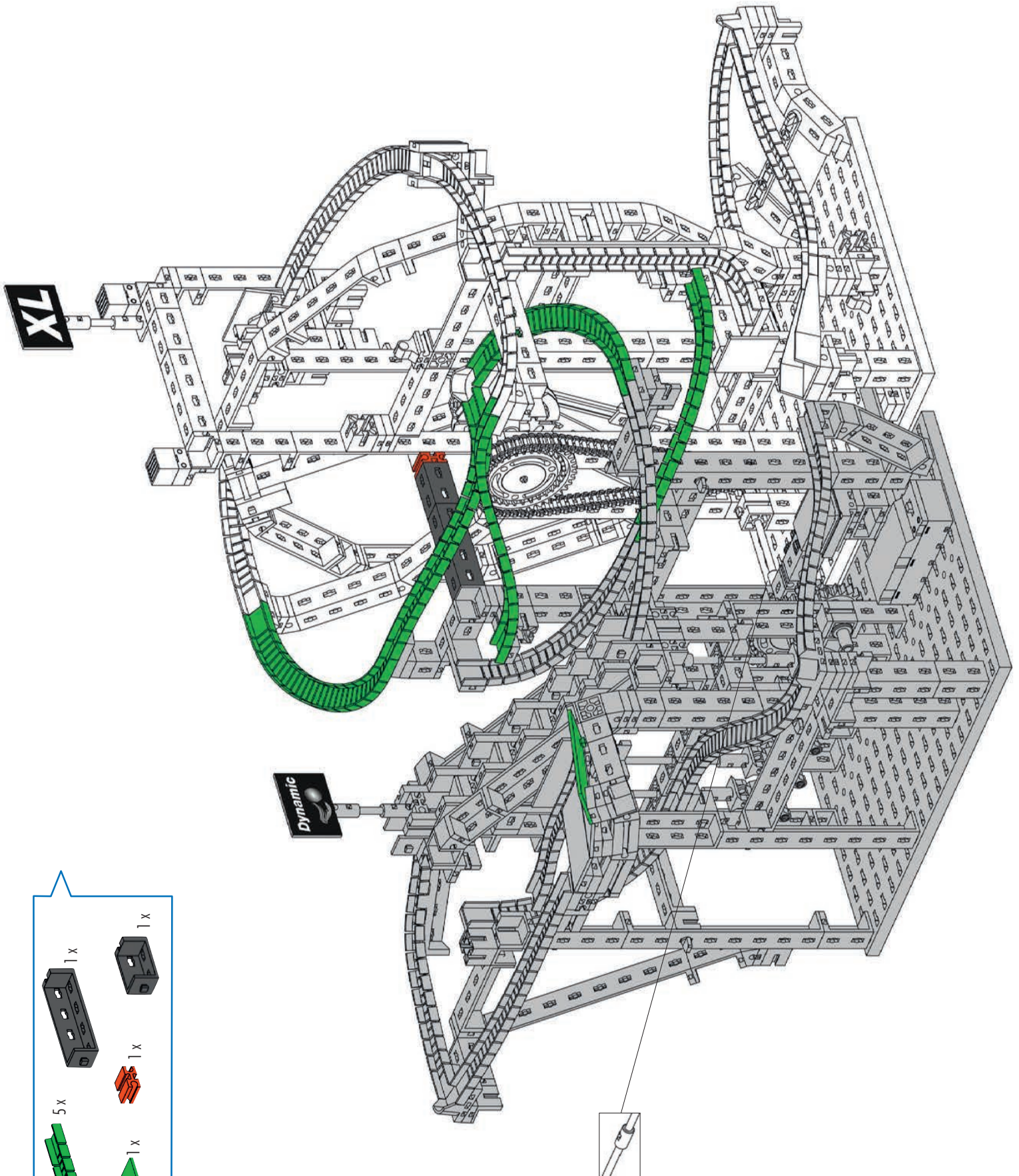


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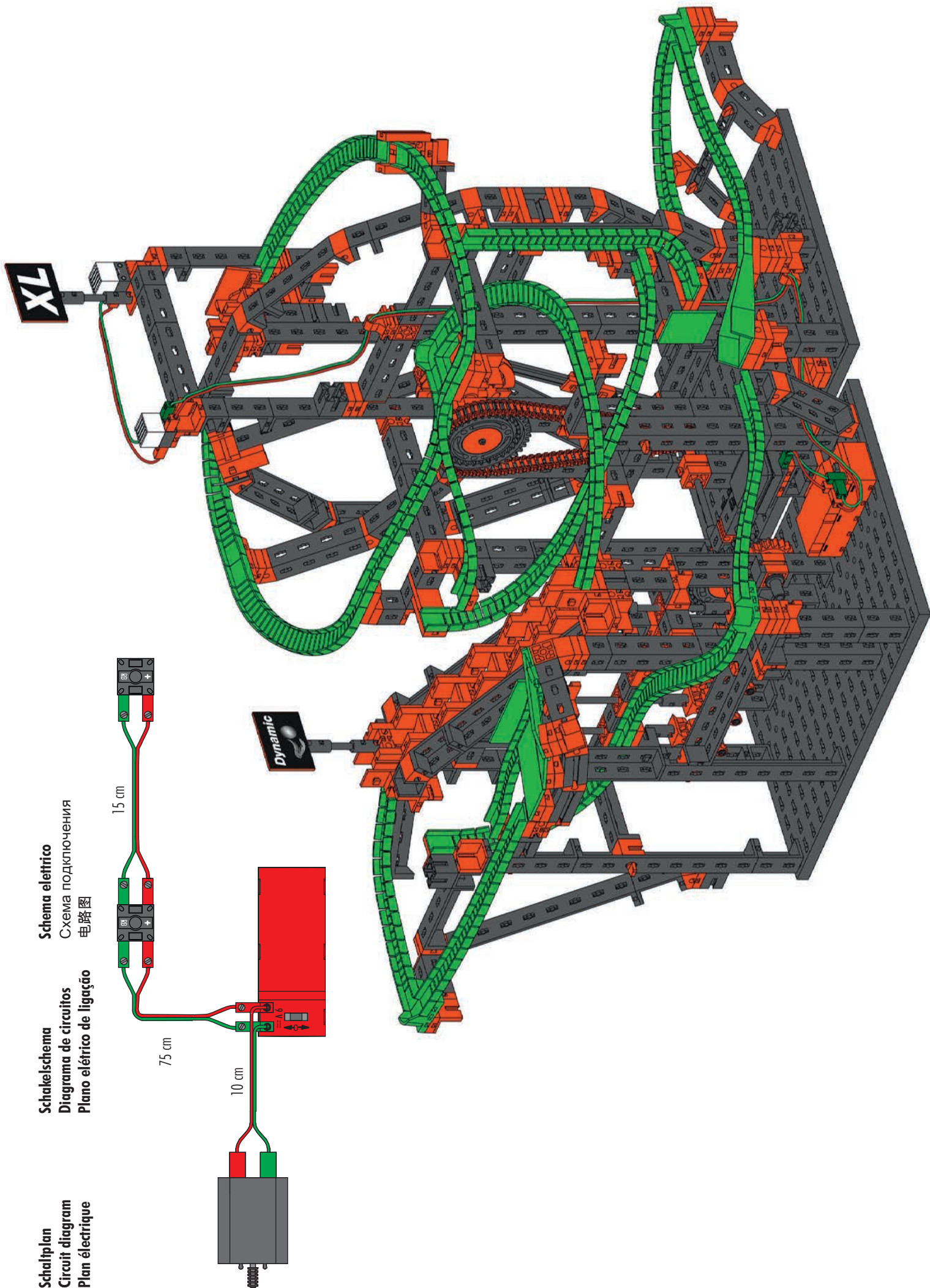
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29

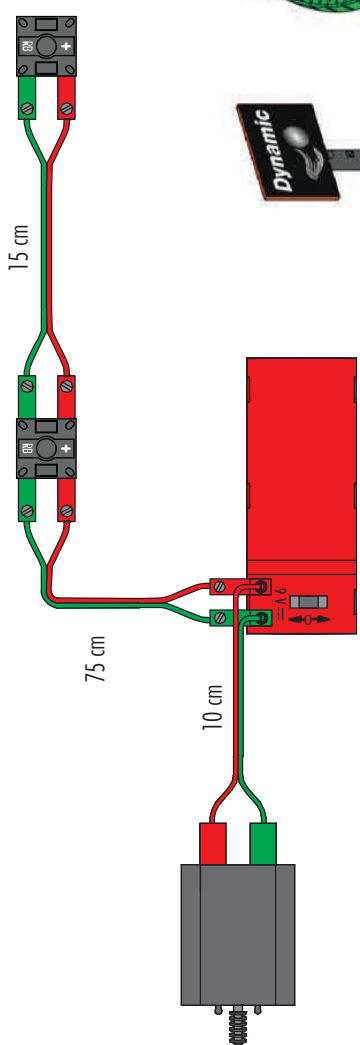
- 5 x
- 1 x
- 1 x
- 1 x

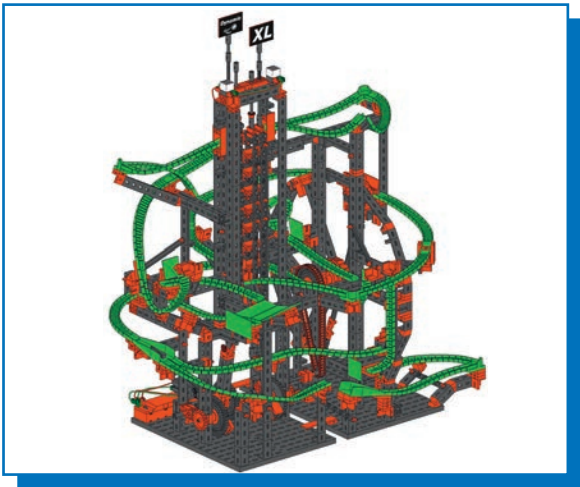


Schaltplan
Circuit diagram
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Schaltelschema
Diagrama de circuitos
Plano elétrico de ligação

Schema elettrico
Схема подключения
电路图





Rad- und Stufenförderer
Wheel and stage conveyor
Transporteur à roue vertical

Wieltransporteur en paternosterlift
Transportador de ruedas y de
escalones
Transportadora de roda e de
degraus

Convogliatore a ruota e a gradini
Роторный и ступенчатый
транспортёр
斗轮式和矿井升降机输送机混合搭配

1-19

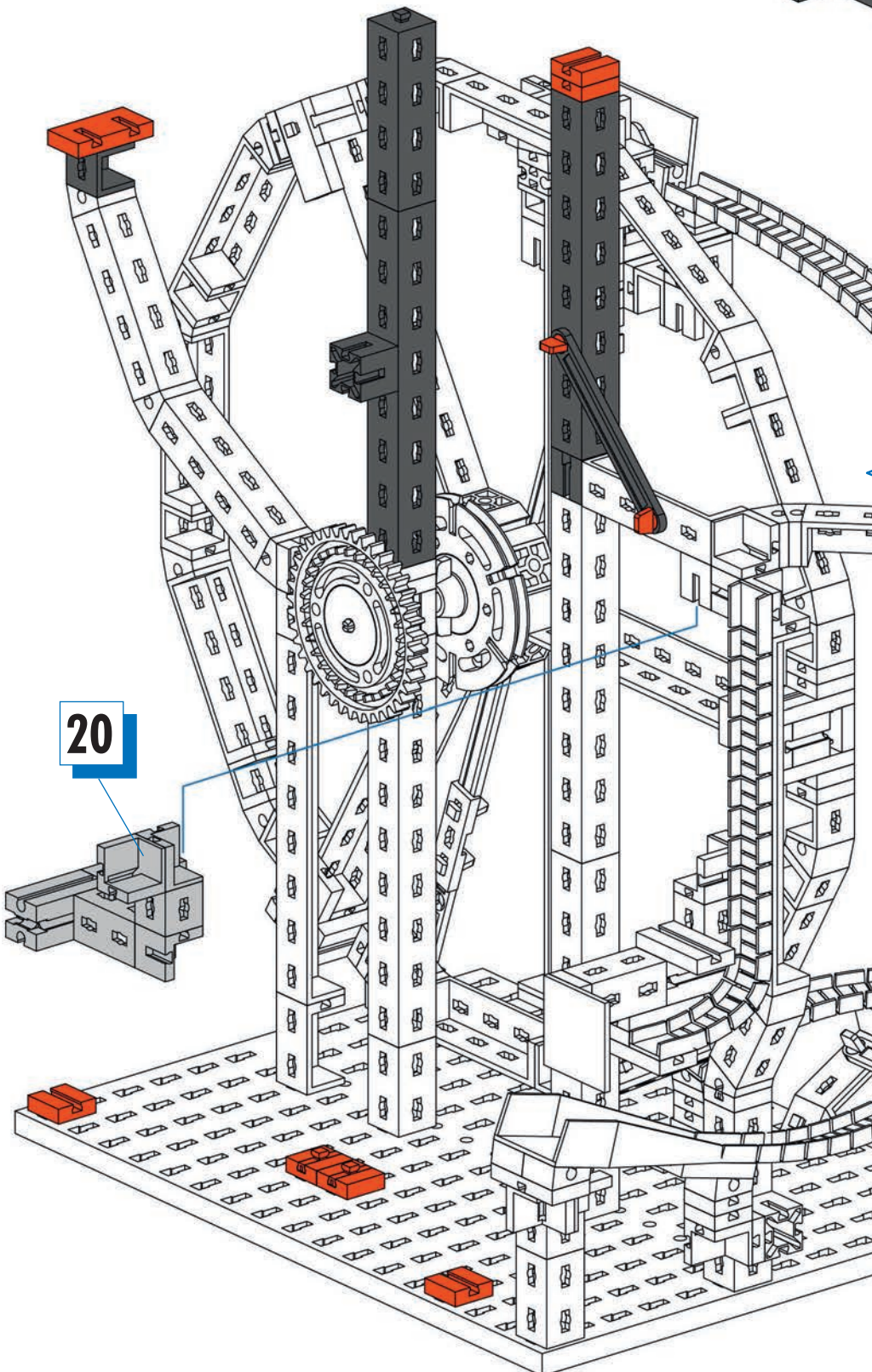
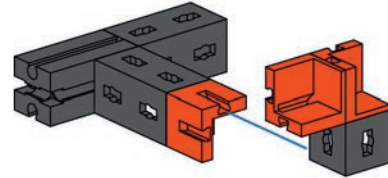
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Radförderer
Wheel conveyor
Transporteur à roue

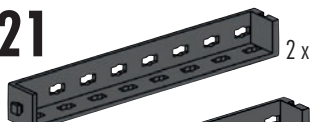

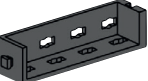







Wieltransporteur
Transportador de ruedas
Transportadora de roda

Convogliatore a ruota
Роторный транспортёр
斗轮输送机

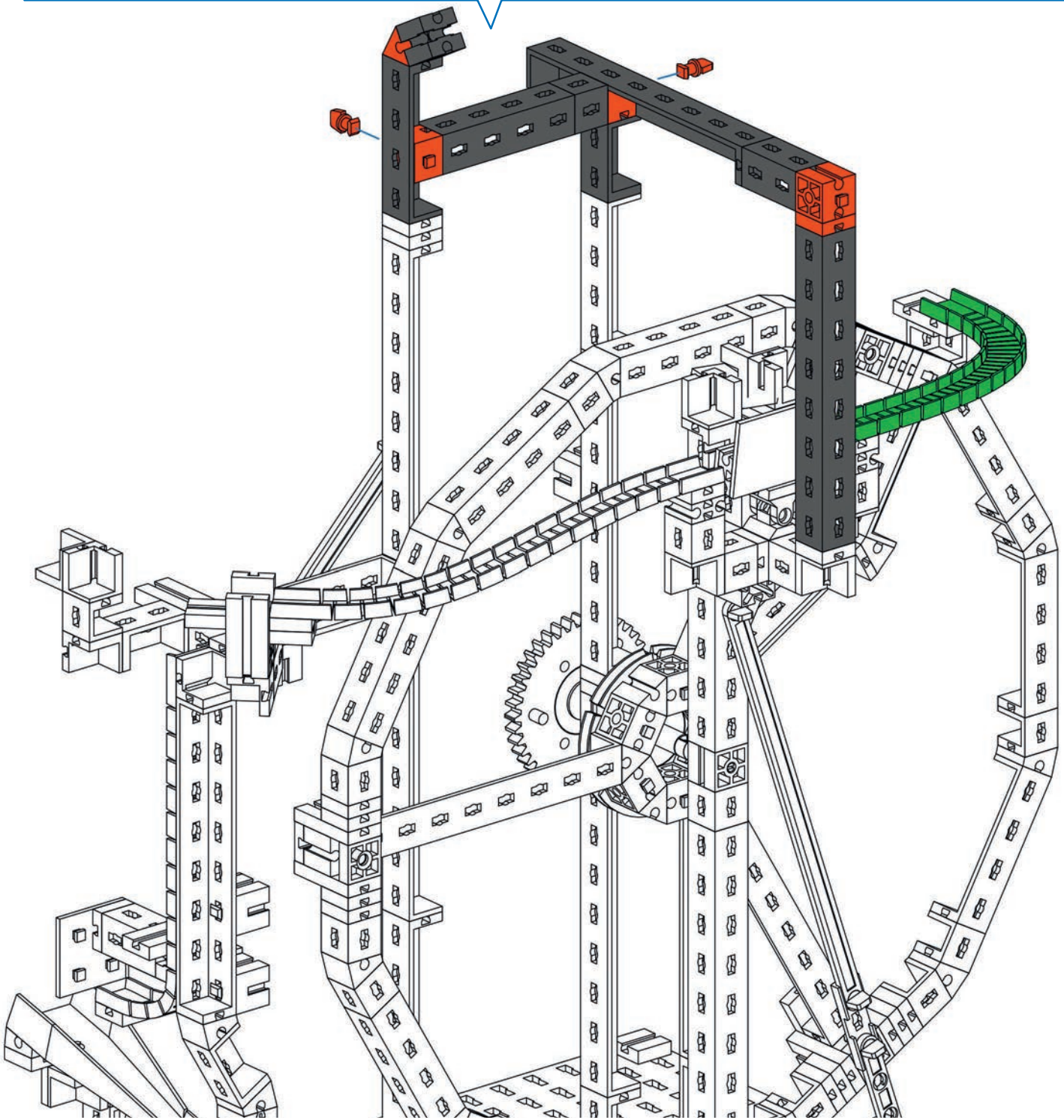
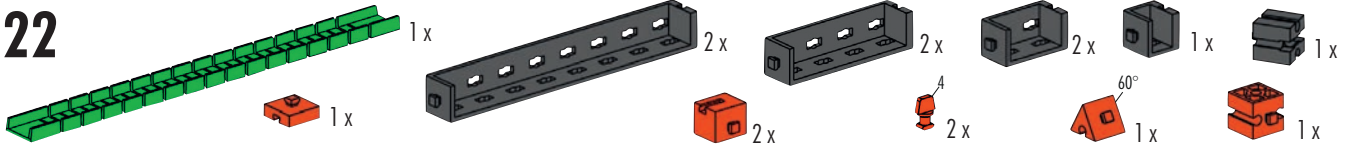
20  1 x  2 x  1 x  3 x



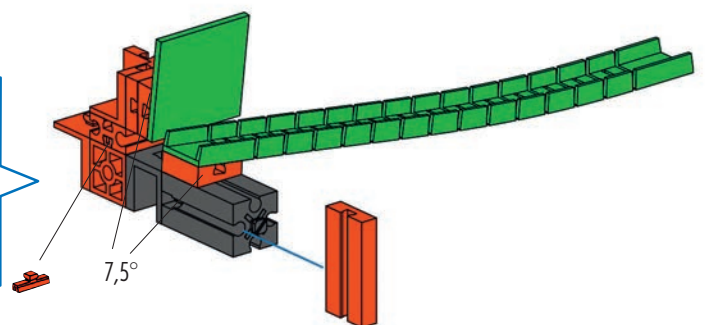
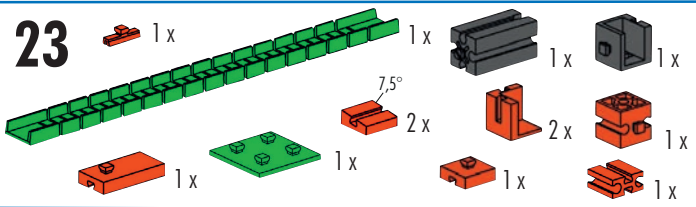
21

 2 x
 1 x  1 x
 1 x  6 x  1 x
 1 x  2 x
 1 x  2 x

22

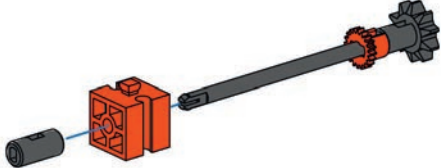


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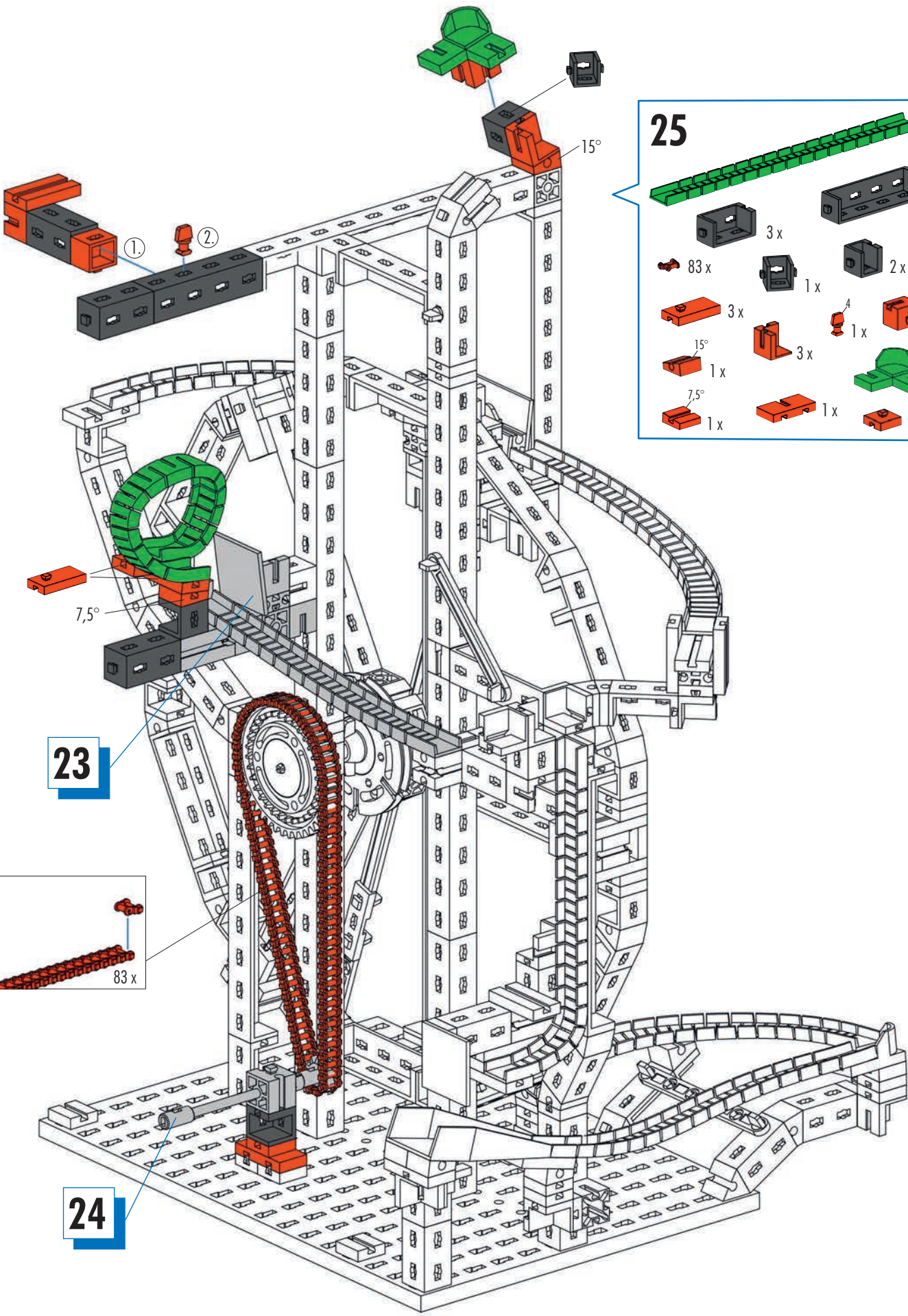
24

- 1x 15
- 1x
- 1x
- 1x
- 1x
- 1x
- 1x



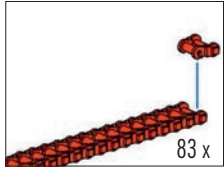
25

- 1x
- 1x
- 3x
- 1x
- 2x
- 83x
- 1x
- 3x
- 1x
- 3x
- 1x
- 1x
- 1x
- 1x
- 1x
- 1x



23

24



83 x

7,5°

15°

1

2

4

15

1

2

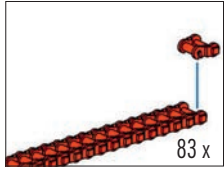
4

7,5°

15°

23

24



83 x

7,5°

15°

1

2

4

15

1

2

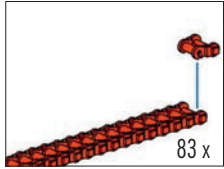
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83 x

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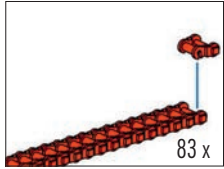
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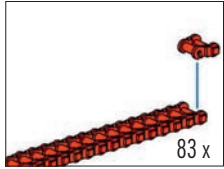
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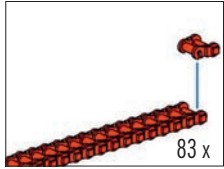
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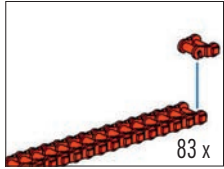
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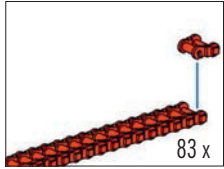
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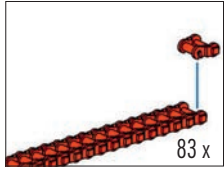
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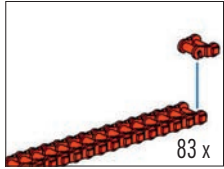
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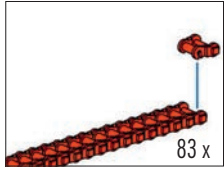
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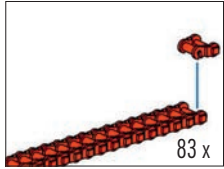
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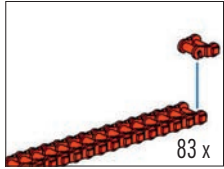
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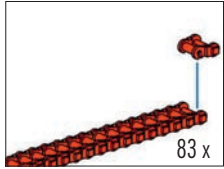
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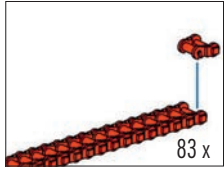
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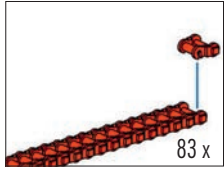
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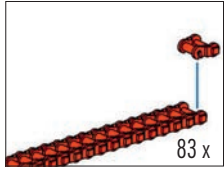
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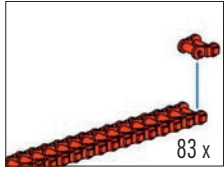
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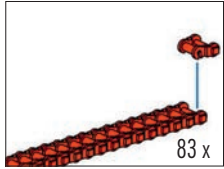
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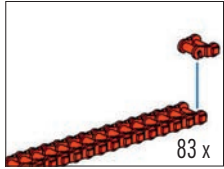
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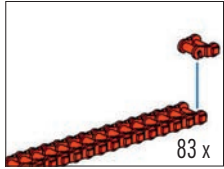
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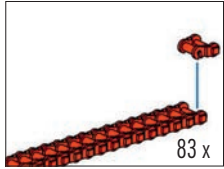
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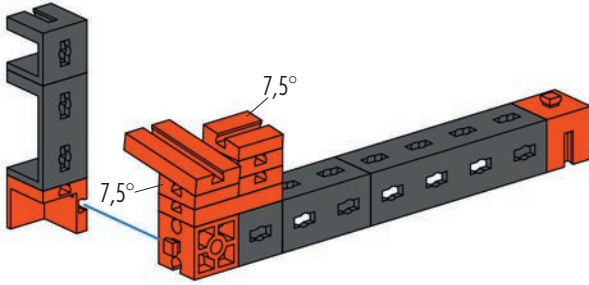
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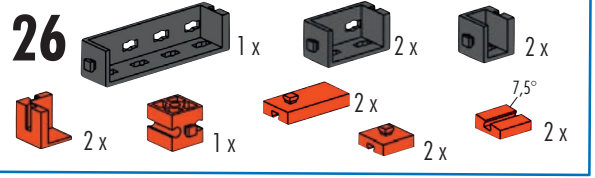
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Stage conveyor
Transporteur vertical

Paternosterlift
Transportador de escalones
Transportadora de degraus

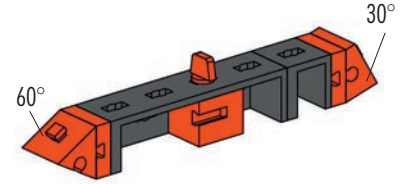
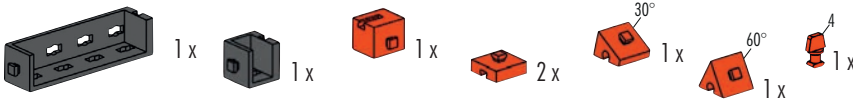
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Ступенчатый транспортёр
矿井升降机式输送机



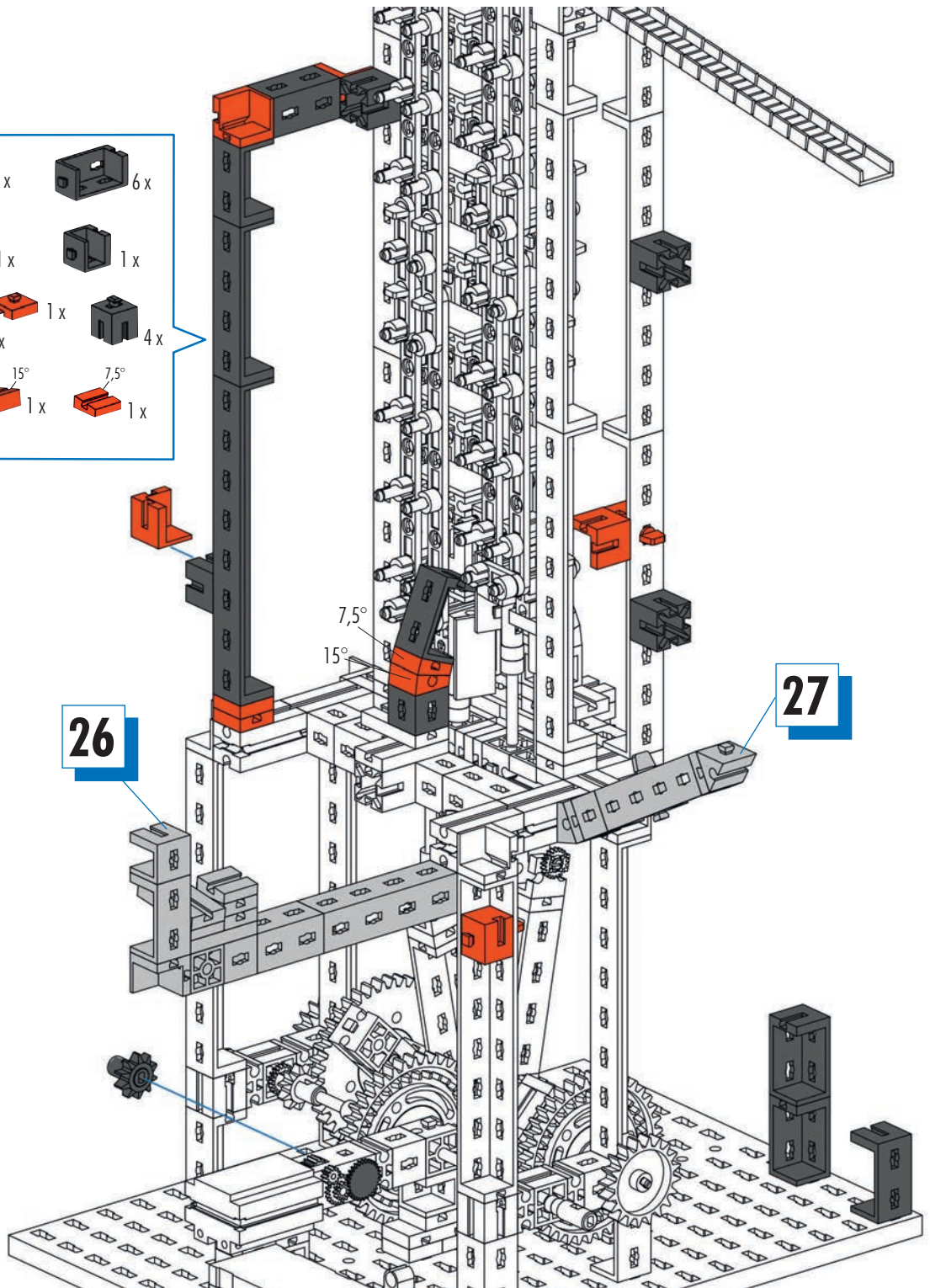
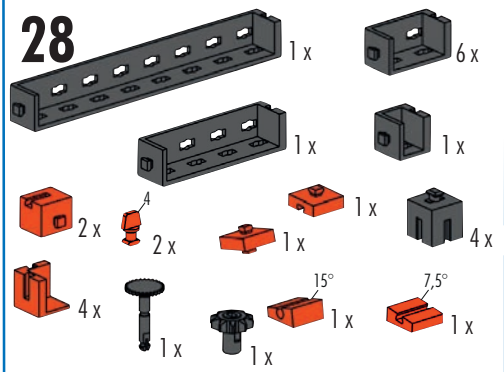
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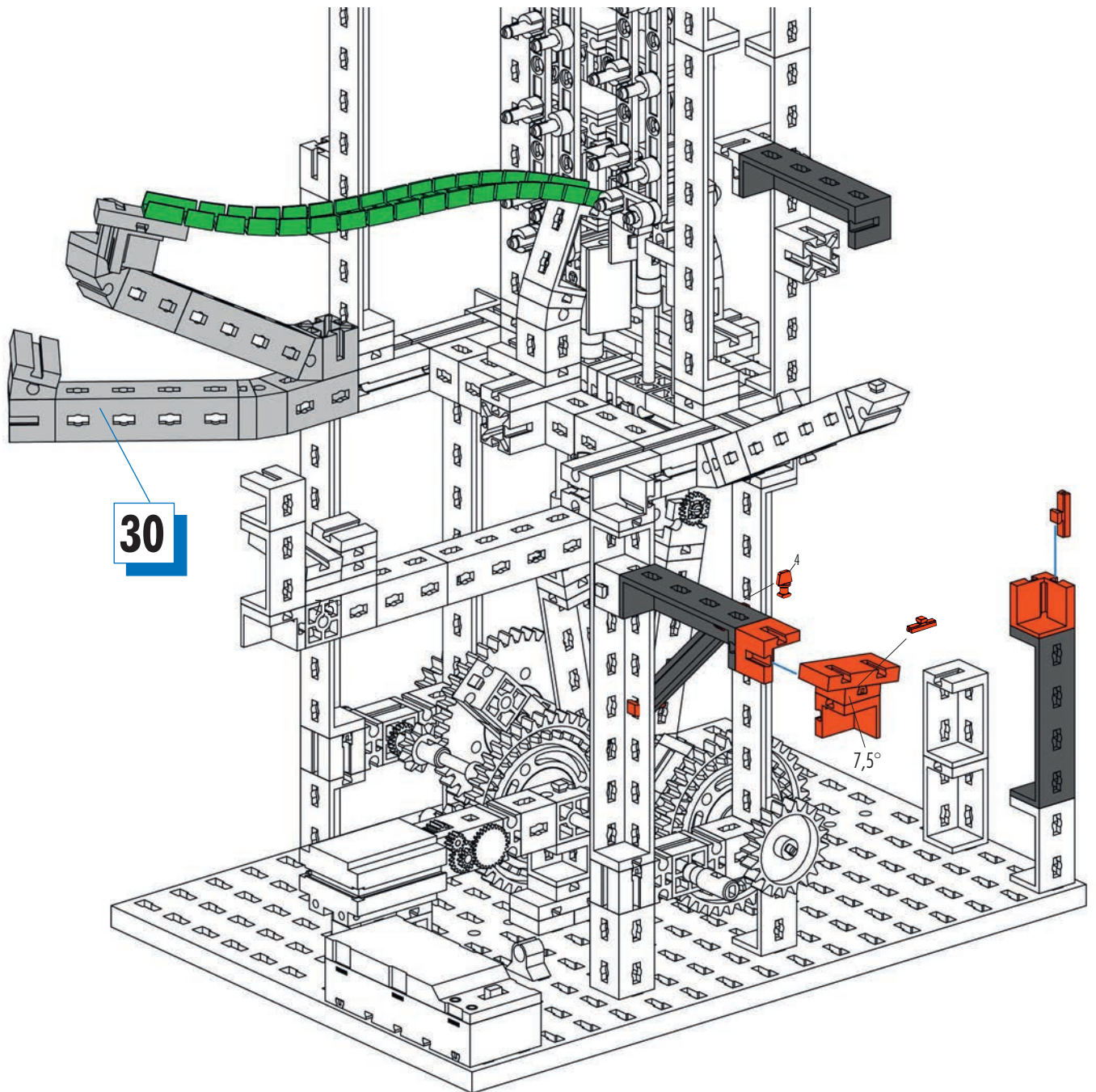
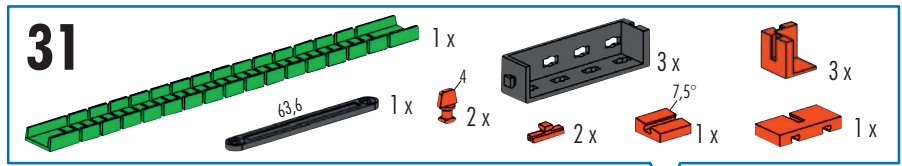
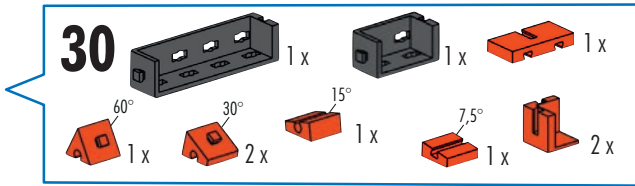
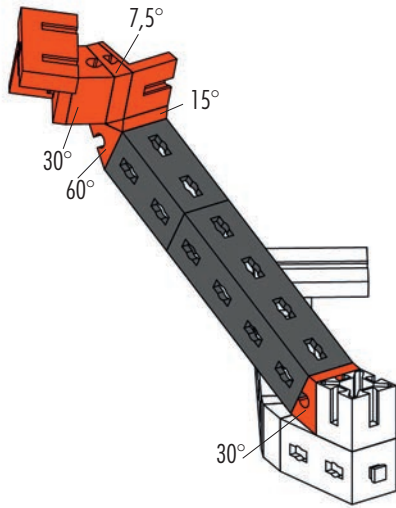
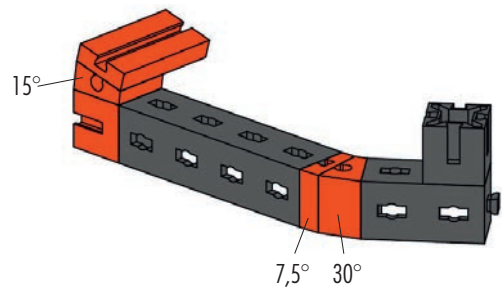
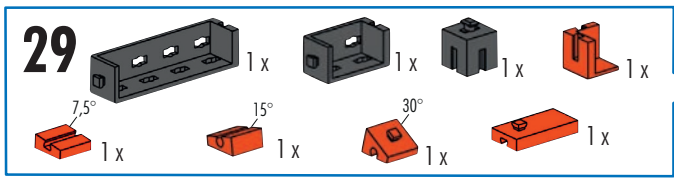


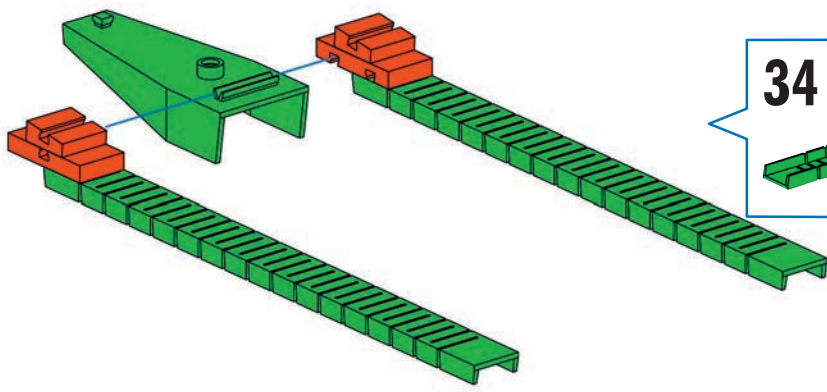
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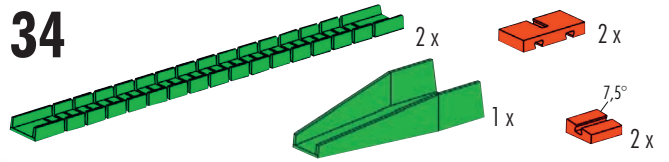
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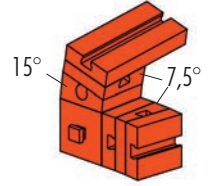
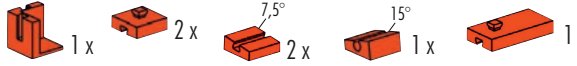




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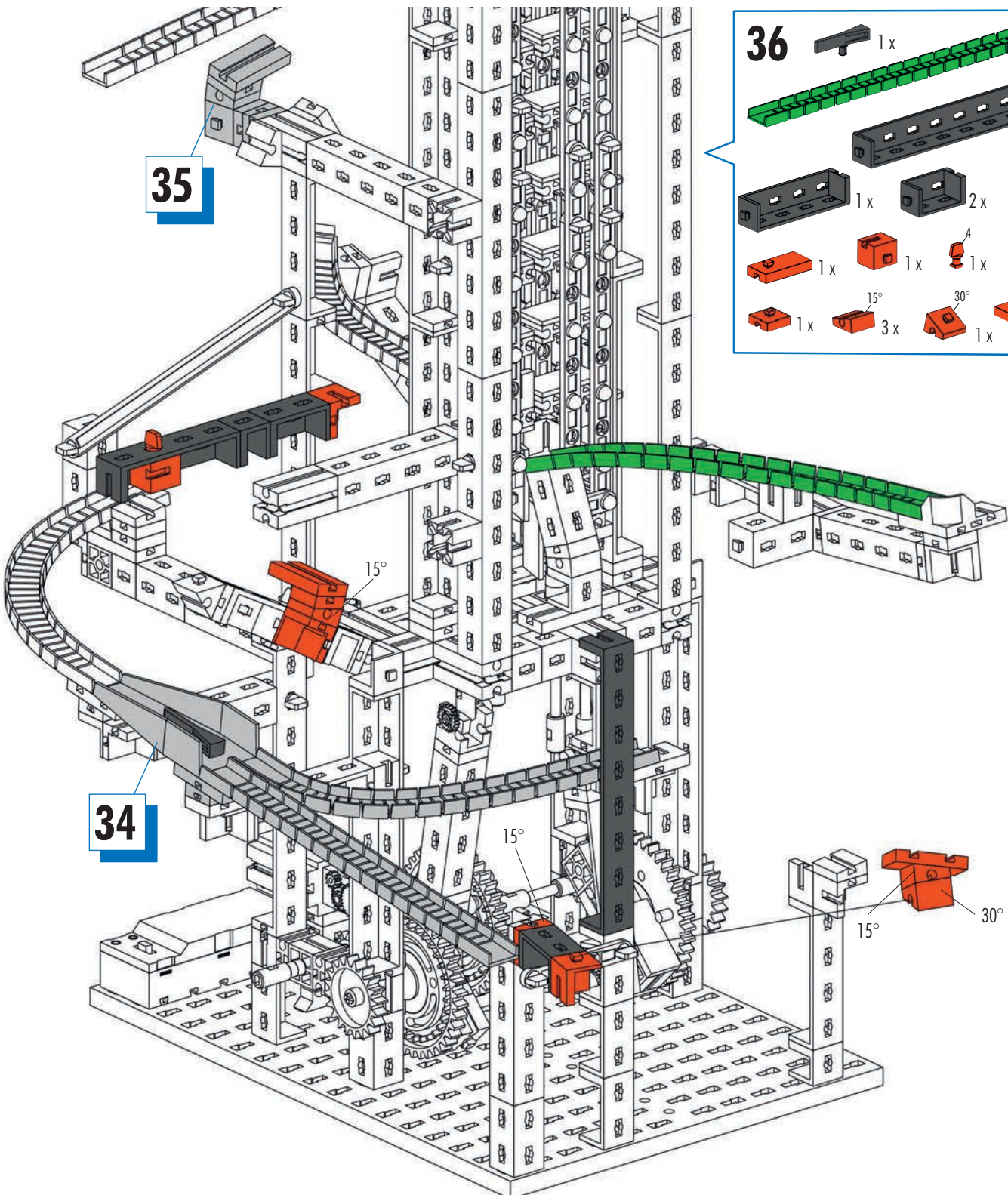
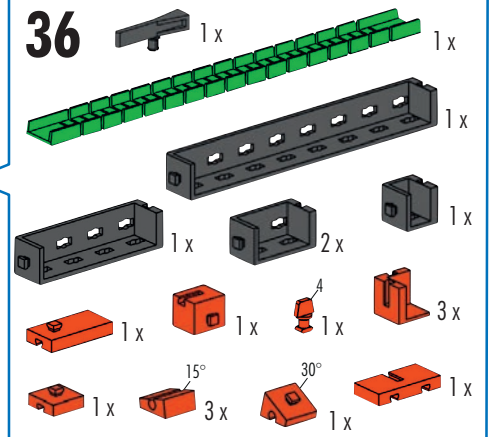


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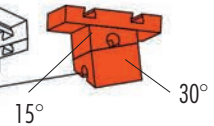


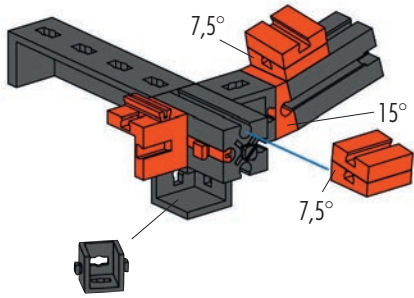
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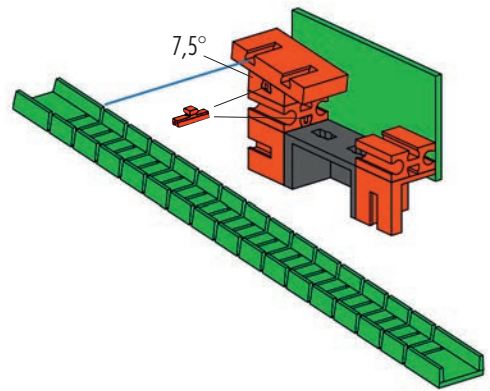
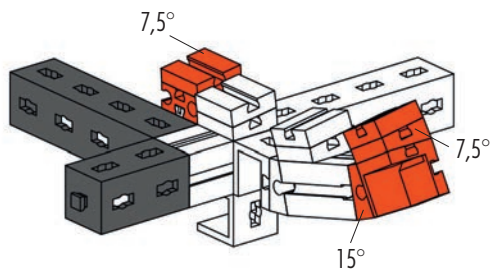


37

- 1 x grey 1x3 Technic beam
- 1 x grey 1x2 Technic beam
- 1 x grey 1x2 Technic beam with hole
- 2 x grey 1x2 Technic beam with hole
- 1 x orange 1x2 Technic beam
- 2 x orange 1x2 Technic beam
- 2 x orange 1x2 Technic beam
- 2 x orange 7.5° angled Technic beam
- 1 x orange 15° angled Technic beam

38

- 1 x grey 1x3 Technic beam
- 1 x grey 1x2 Technic beam
- 1 x orange 1x2 Technic beam
- 1 x orange 1x2 Technic beam
- 1 x orange 1x2 Technic beam
- 1 x orange 1x2 Technic beam
- 2 x orange 7.5° angled Technic beam
- 1 x orange 15° angled Technic beam

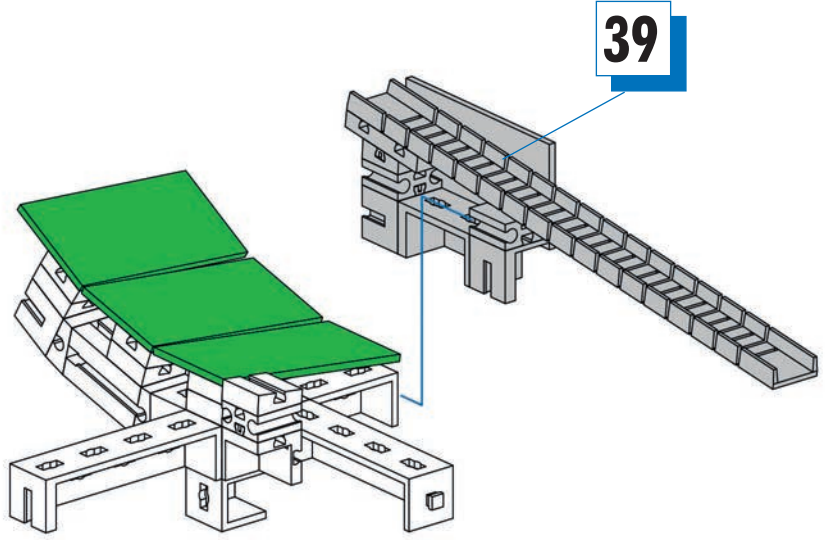


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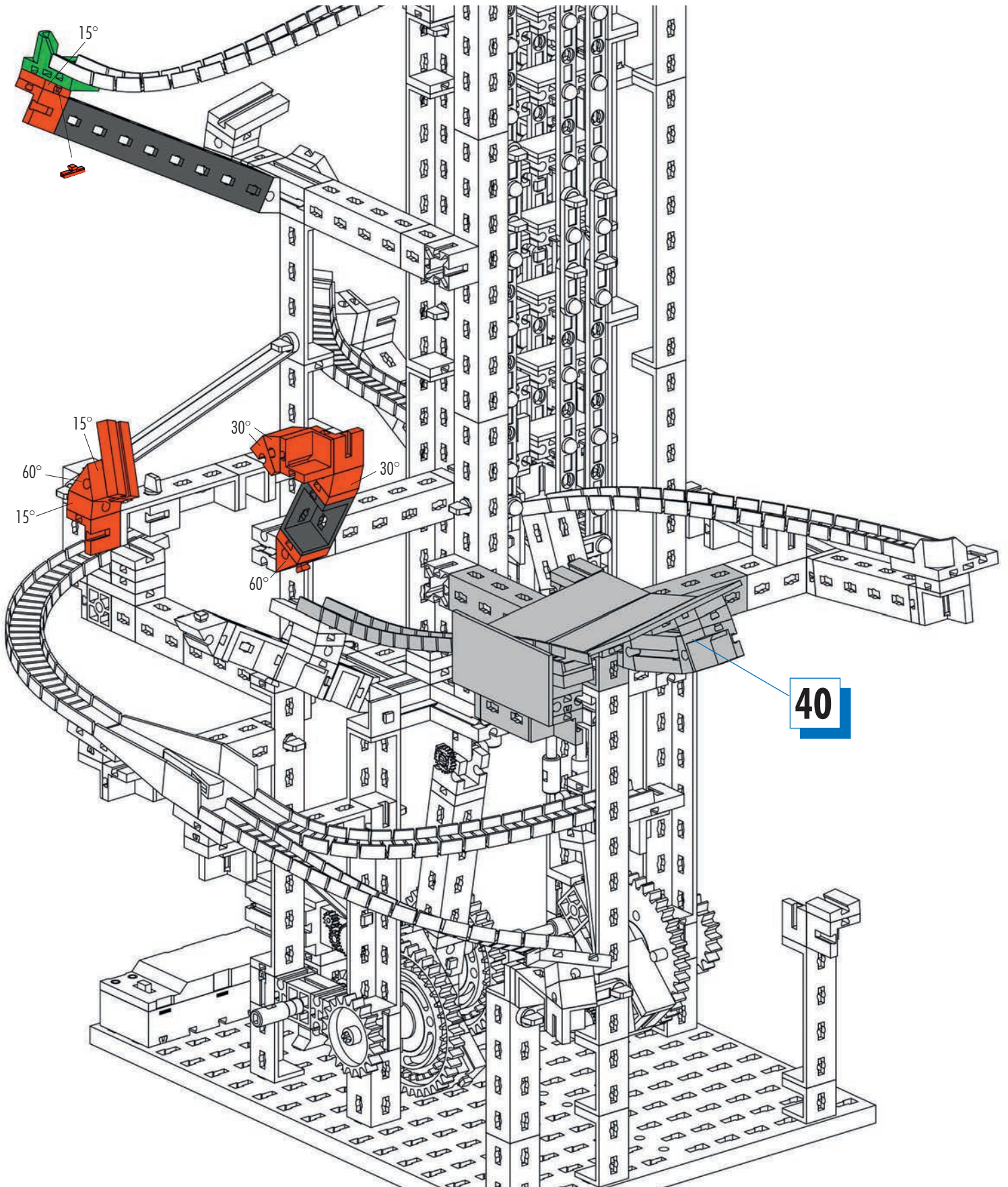
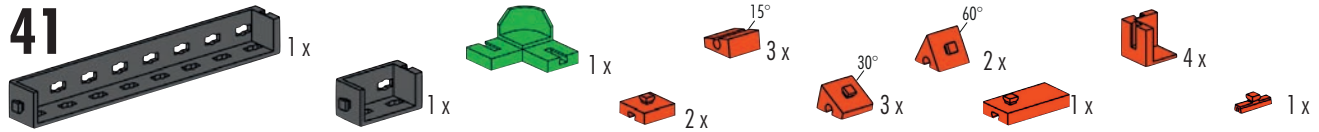
- 2 x orange 1x2 Technic beam
- 1 x green 1x15 Technic beam
- 1 x green 1x15 Technic beam
- 2 x orange 1x2 Technic beam
- 1 x grey 1x2 Technic beam with hole
- 1 x orange 7.5° angled Technic beam
- 2 x orange 1x2 Technic beam
- 1 x orange 1x2 Technic beam

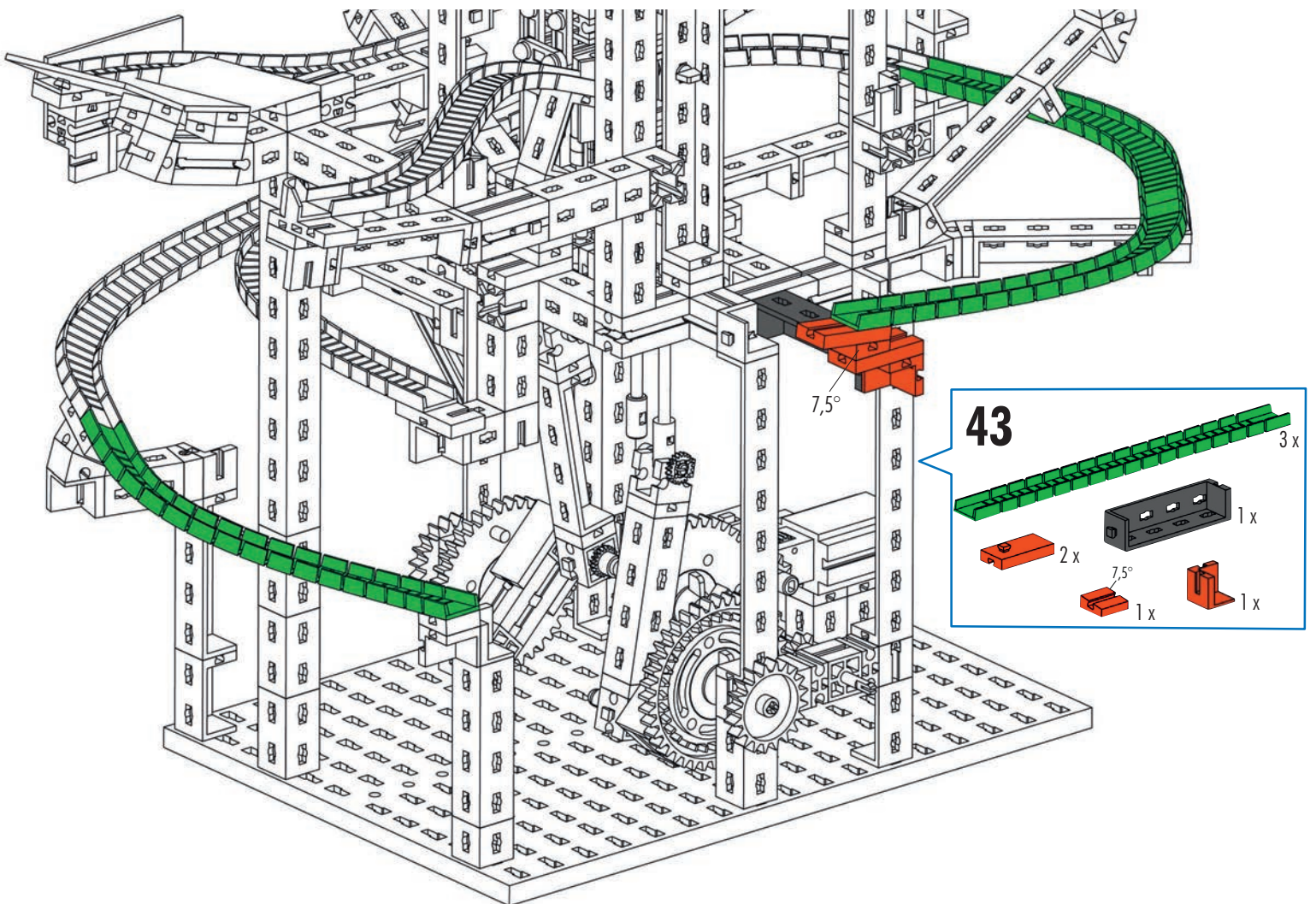
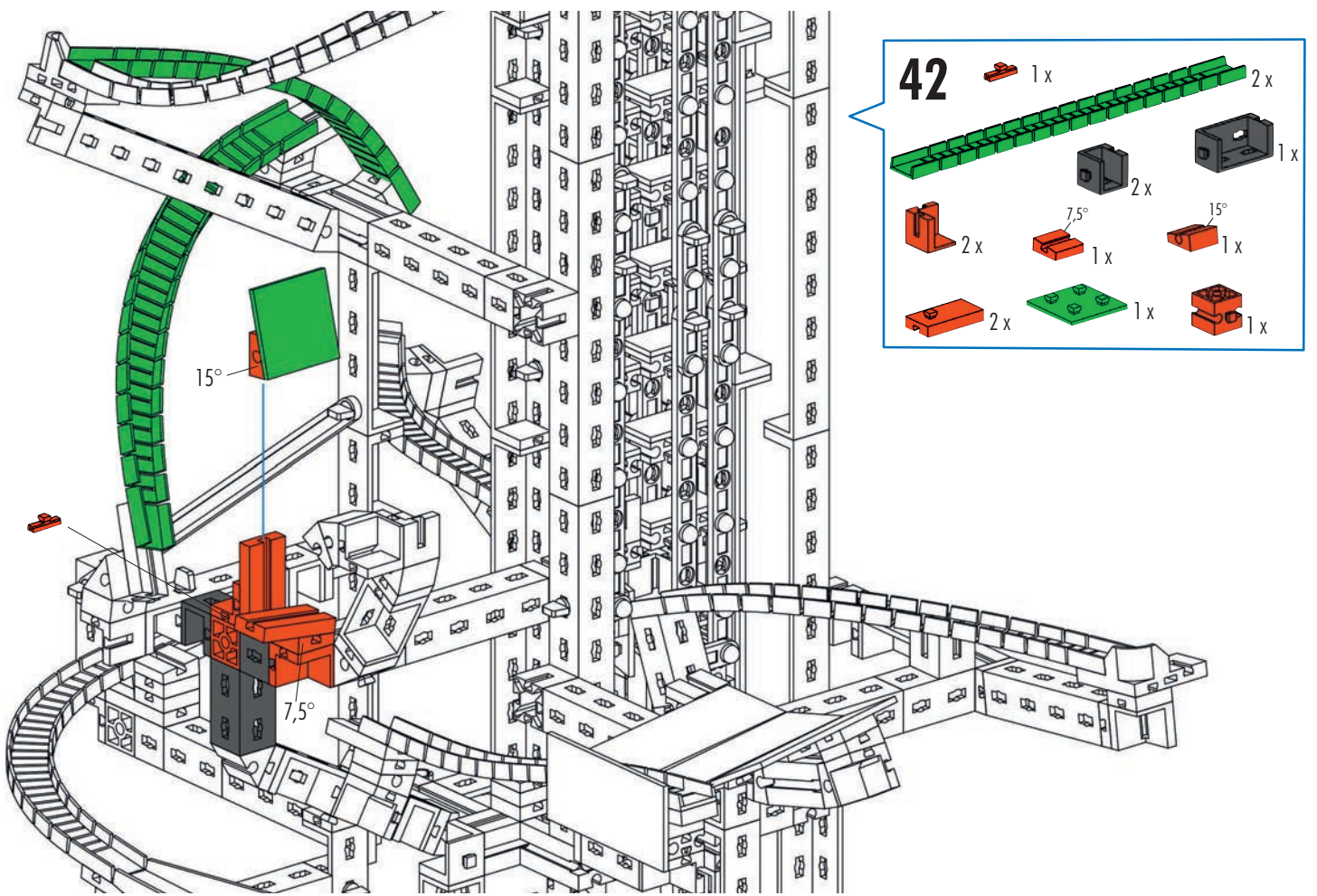
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- 3 x green 1x15 Technic beam

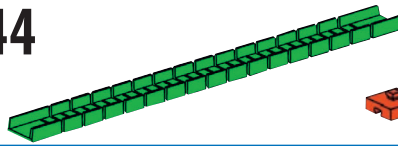


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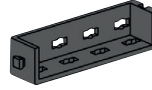
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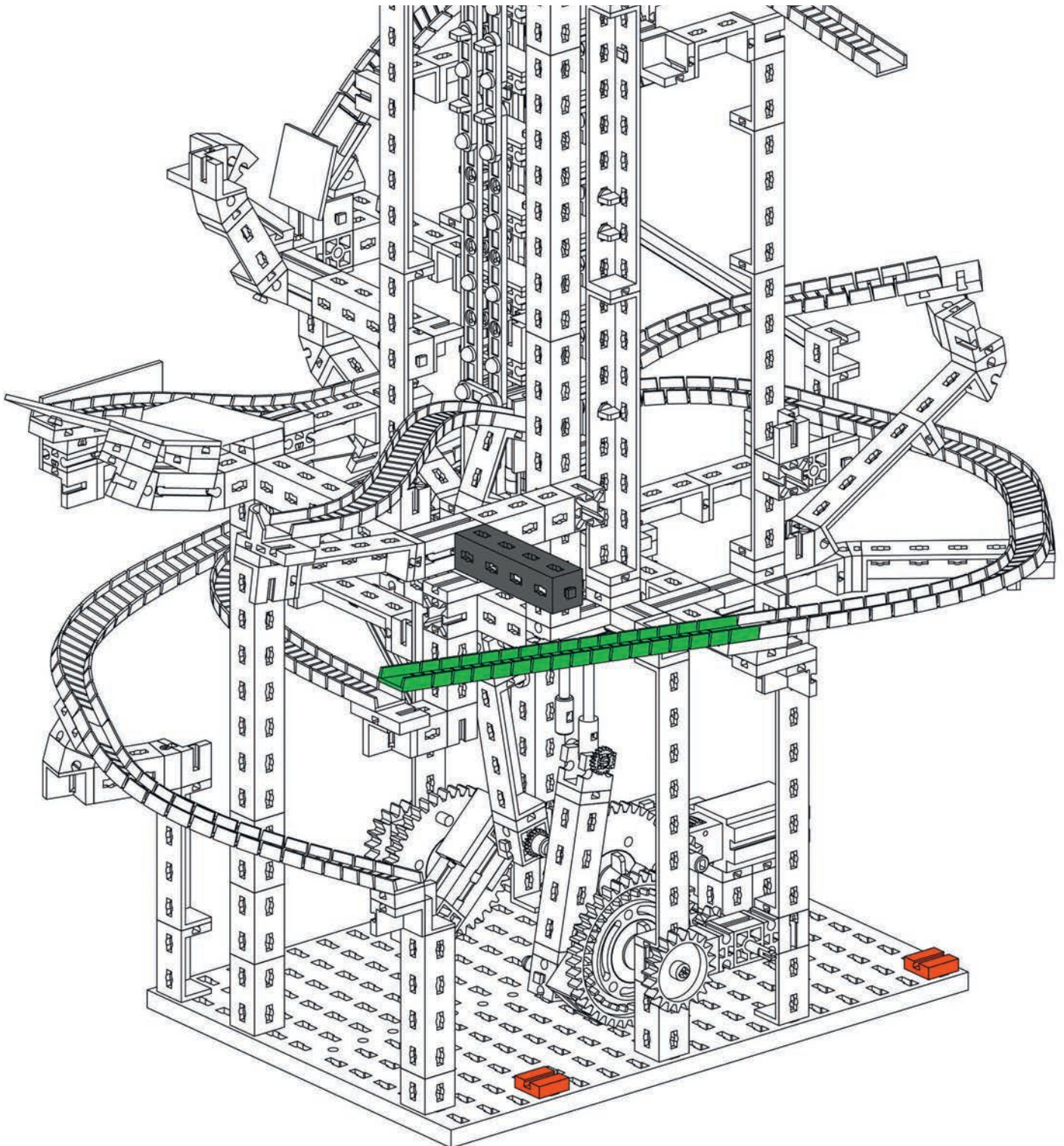
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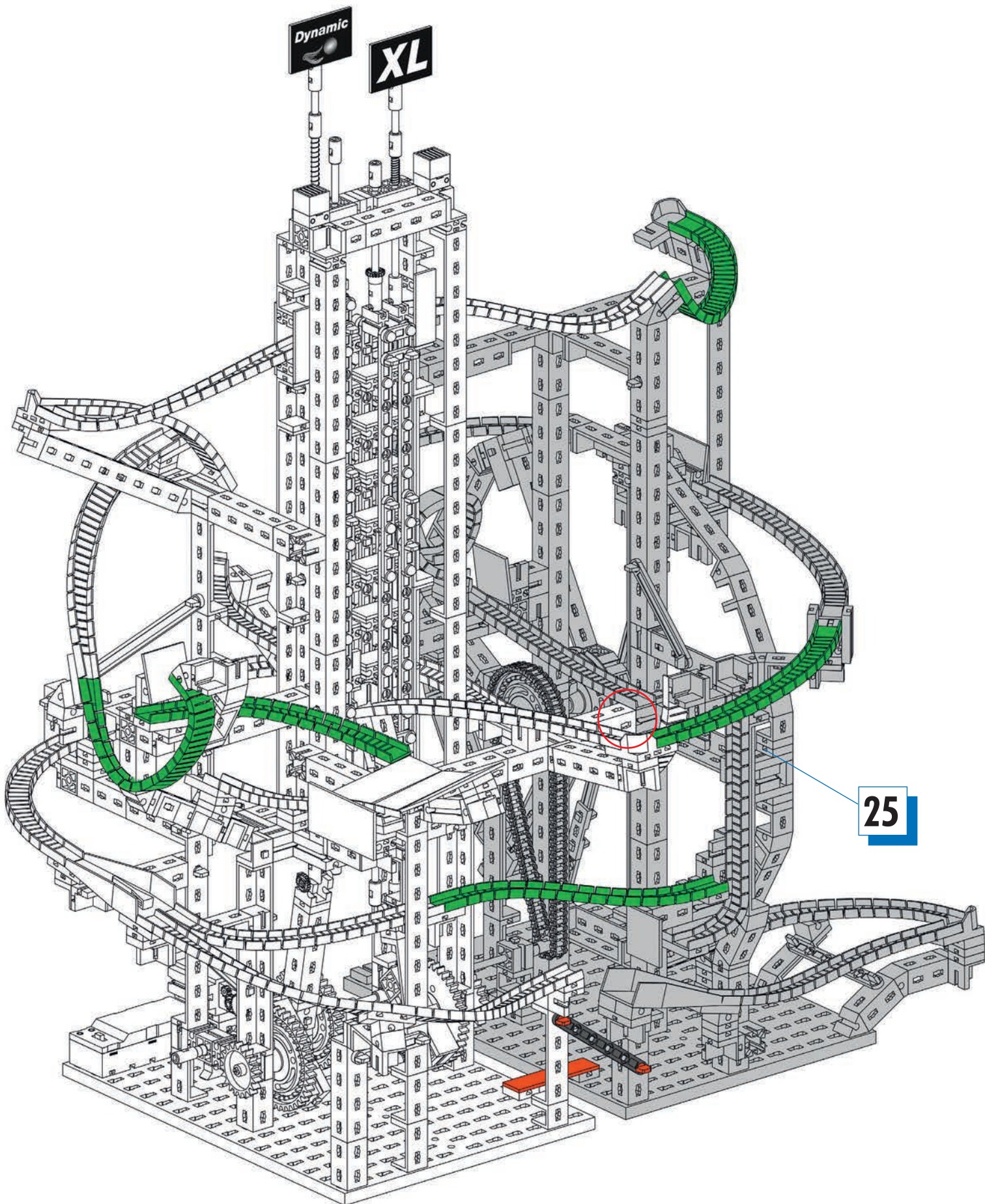
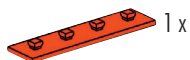
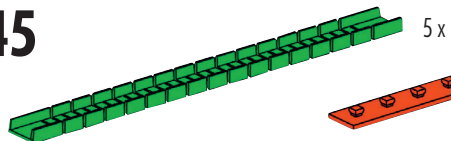
2x



1x

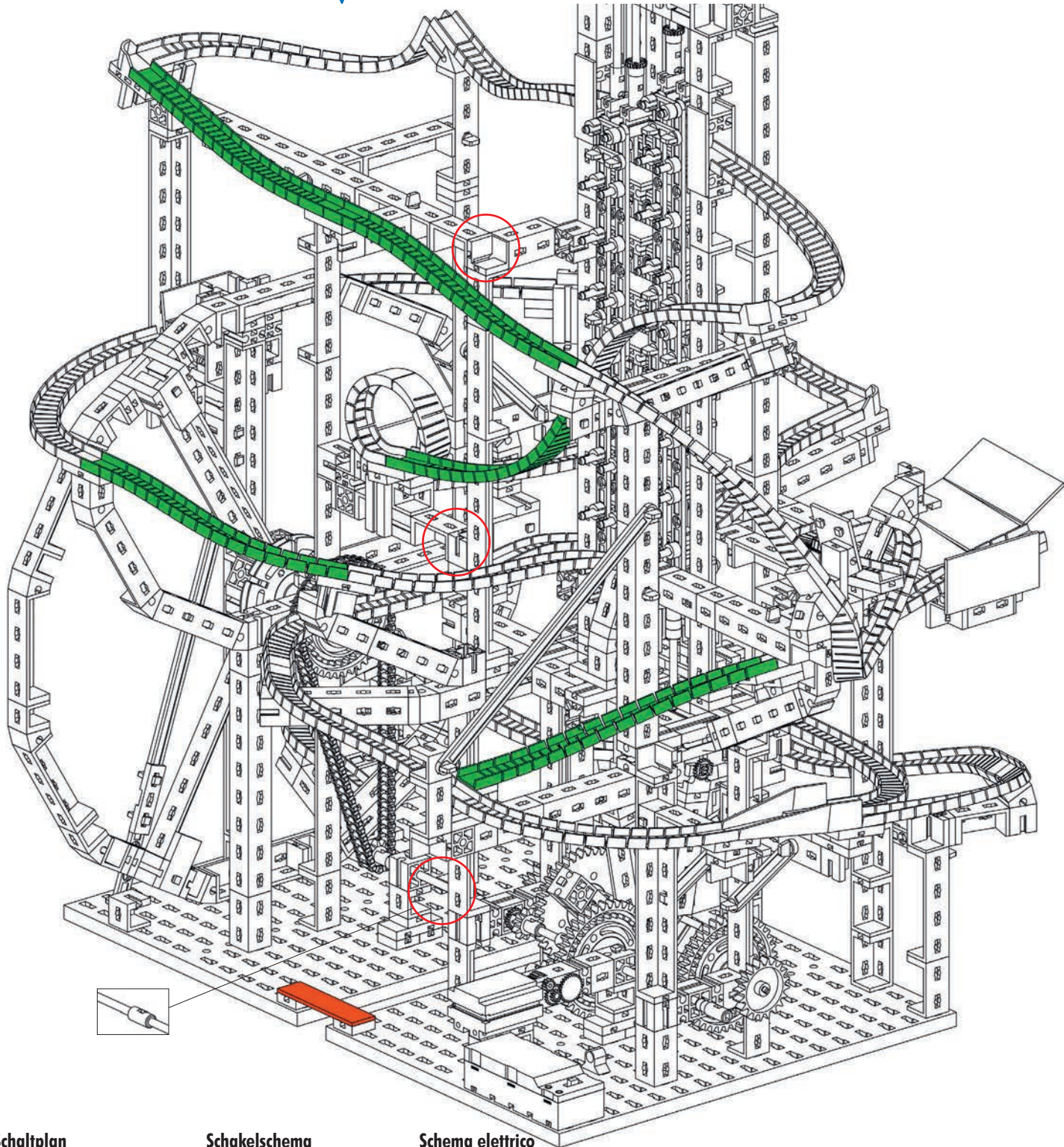
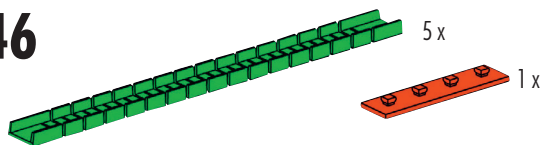


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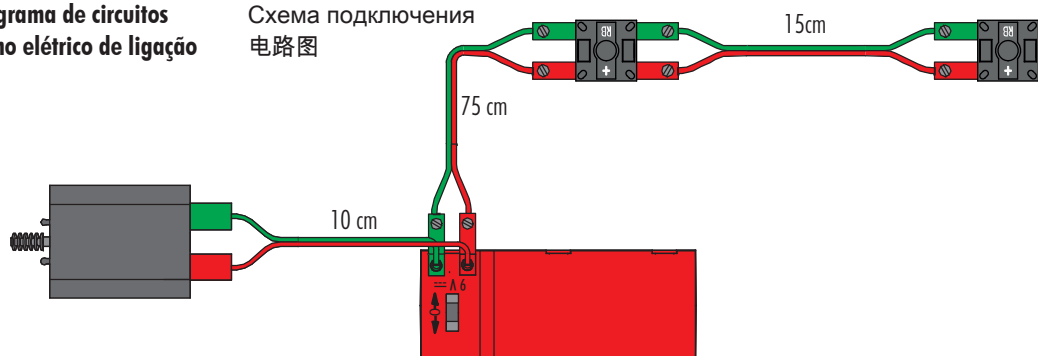
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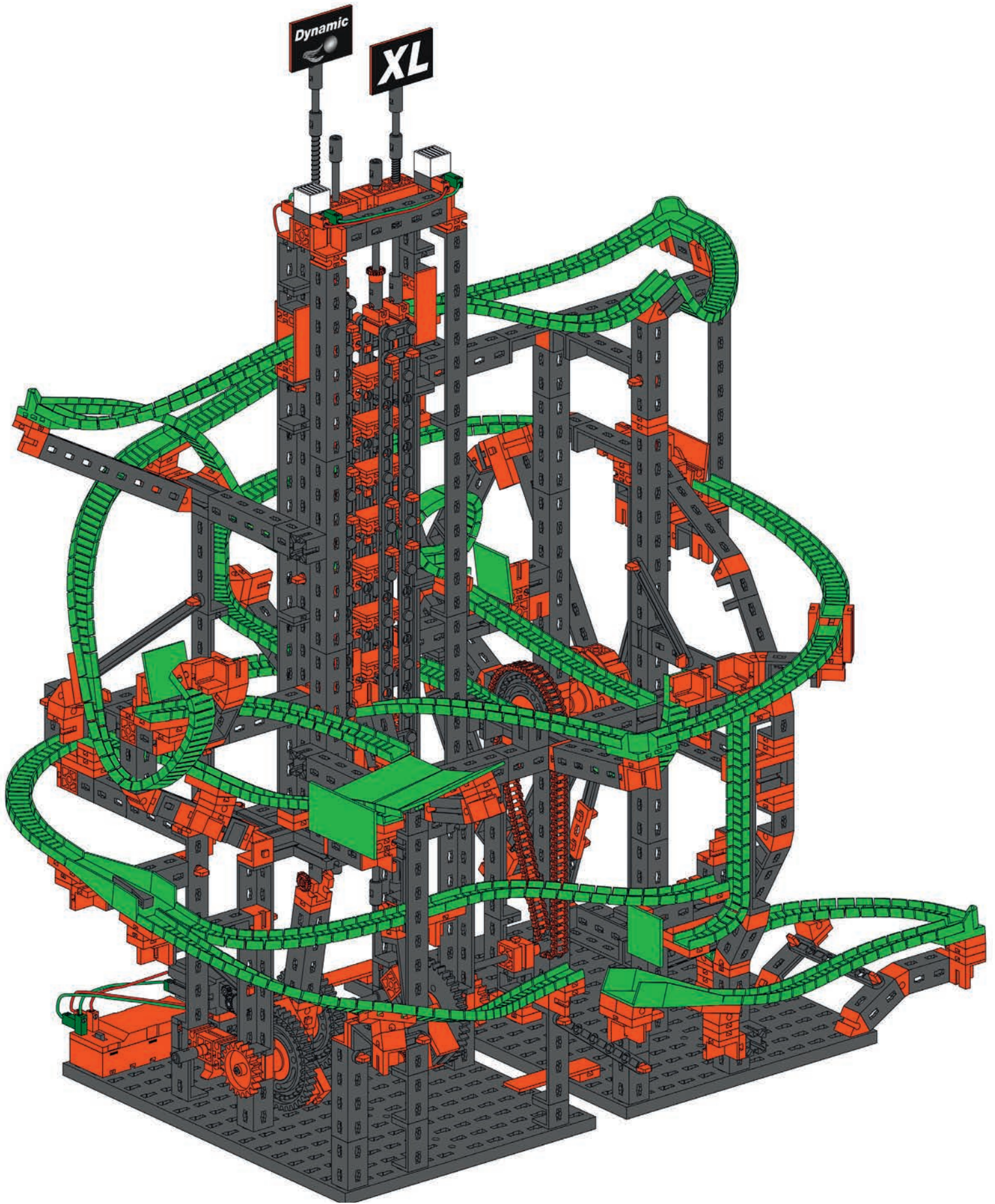


Schaltplan
Circuit diagram
Plan électrique

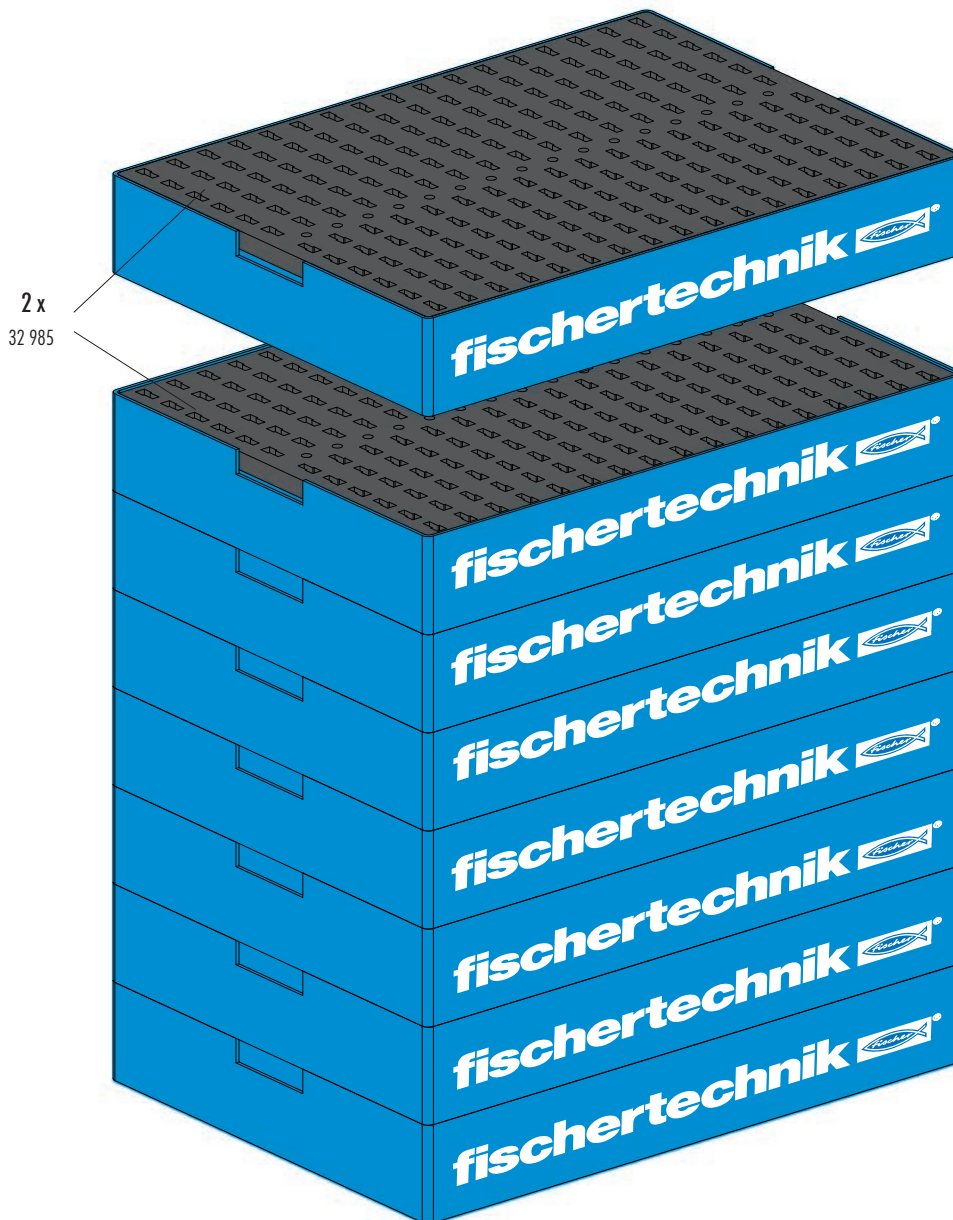
Schakelschema
Diagrama de circuitos
Plano elétrico de ligação

Schema elettrico
Схема подключения
电路图



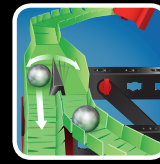


Empfohlene Aufbewahrung:	8 x Aufbewahrungssystem Art.-Nr. 94828
Recommended storage:	8 x storage system Art No. 94828
Stockage conseillé :	8 x système de stockage Art n° 94828
Bewaaradvies:	8 x bewaarsysteem art.-nr. 94828
Consejos para guardar el producto:	8 x almacenamiento Art. Nº 94828
Conservação recomendada:	8 x sistema de conservação n.º de art. 94828
Conservazione consigliata:	8 sistemi di conservazione, cod. prod. 94828
Рекомендуемое хранение:	8 x бокса для хранения. Арт.№ 94 828
推荐的保存方式 :	8 个产品号为 94 828 的保存系统



Sortiervorschlag / Storage suggestion / Suggestion de classement / Sorteervoorstel / Propuesta de clasificación / Proposta de divisão / Proposta di sistemazione / Рекомендации по сортировке / 保存系统的分类建议:

www.fischertechnik.de/Sortiervorschläge



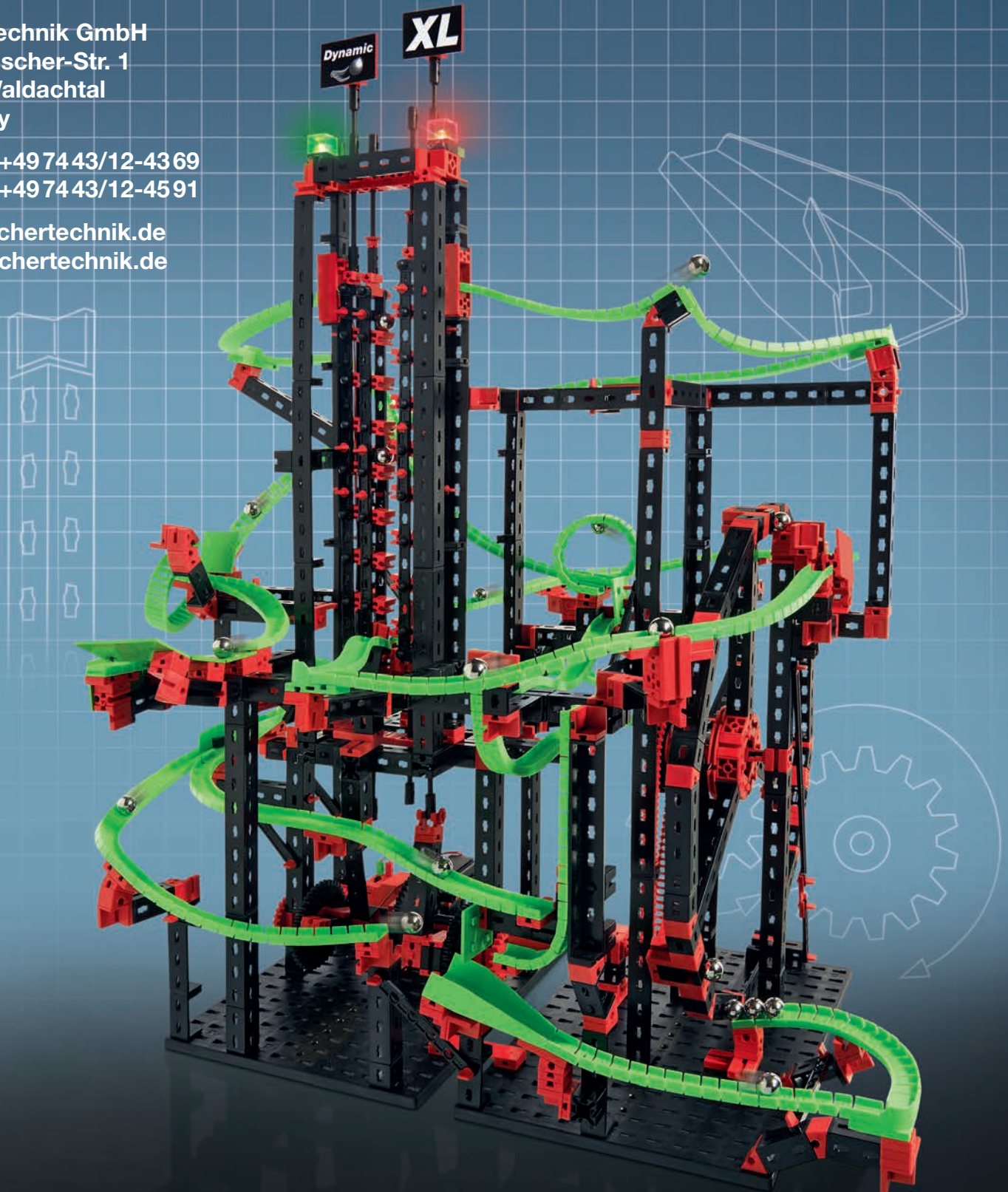
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PROFI

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152913 - Printed in Germany - Technische Änderungen vorbehalten - Subject to technical modifications

Dynamic XL

8 MODELS
2 MODELS