



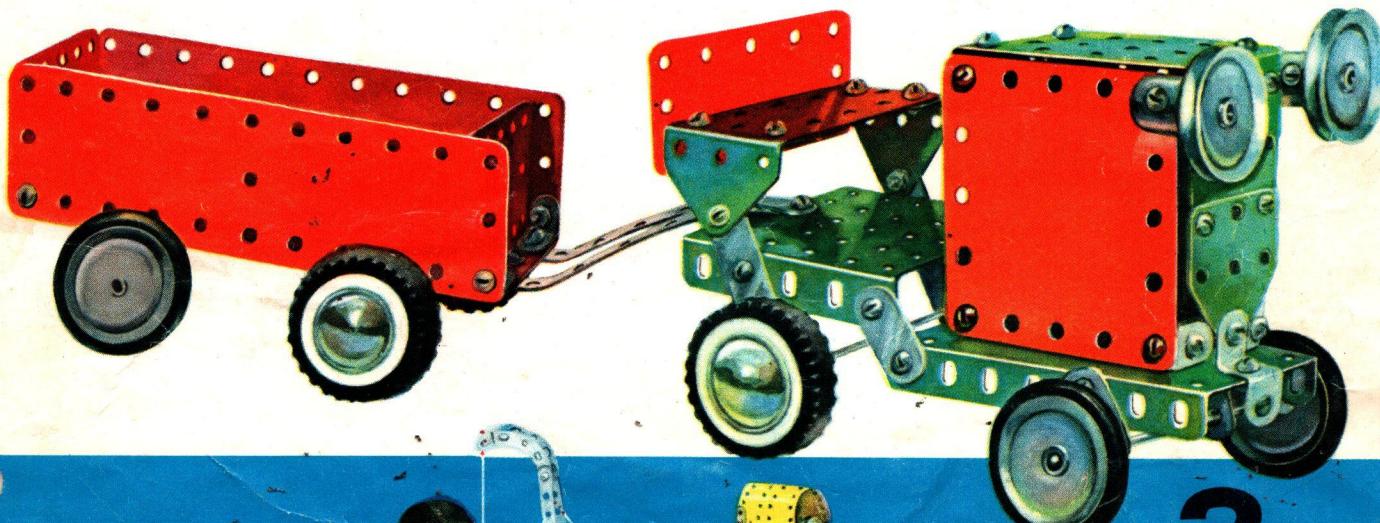
CONSTRUCTION MODELS

建造模型

"CONSTRUCTION MODELS" IS A PRODUCT OF INGENIOUS DESIGN AND FINE WORKMANSHIP. IT PROVIDES A SET OF PARTS, BY MEANS OF WHICH MODELS OF REALITIES OF LIFE—BE IT AN AEROPLANE, A SHIP, A MACHINE AND WHAT NOT—COULD BE CONSTRUCTED AT THE WILL OF THE CHILD TO HIS THRILLING DELIGHT.

"CONSTRUCTION MODELS" IS NOT MERELY A TOY. IT TRAINS THE AWAKENING MIND AND THE DELICATE HANDS AND DEVELOPS INFANTILE GENIUS.

MM 093



3

中國製造

MADE IN CHINA

建造模型经过精心设计，各种零件可以随意搭配成新颖有趣、形象逼真、题材广泛、各式各样的实物模型。每个小朋友都希望把建造模型零件搭配成自己所喜爱的各种实物。例如：飞机、轮船、机器以及各种日常用品等等。小朋友们看到自己亲手搭成的各种模型将会引起很大兴趣，同时在搭的过程里，小朋友手脑并用，可以增进智力的发展。

建造模型经过精心设计，各种另件可以随意搭配成新颖有趣，形象逼真，题材广泛，各式各样的实物模型。每个小朋友都希望把建造模型另件搭配成自己所喜爱的各种实物，例如：飞机、轮船、机器，以及各种日常用品等等。

小朋友们看到自己亲手搭成的各种模型将会引起很大兴趣，同时在搭配的过程中，小朋友手脑并用，可以增进智力和脑力的发展。我们编印了这本图解，在各幅图面上都注明需用另件的号码和件数。初学时不妨按图搭配，待熟练以后一定还会自己创造出更多更好更合心意的模型来。

各种模型的搭配程序并没有固定规律，但是一般说来凡是有底盘的模型，首先可以从底上搭起；凡是有主体的模型，先从主体搭起；凡是比較复杂的模型，可以先将另件搭成部件，然后再拼成一个整体。相信，待熟练之后，还会创造自己最熟练，效率最高的搭配程序。

建造模型，目前已有“0—4”号五种，号码愈大，另件种类和数量愈多，也就可以搭配成题材更广泛的建造模型。

“CONSTRUCTION MODELS” is a product of ingenious design and fine workmanship. It provides a set of parts, by means of which models of realities of life — be it an aeroplane, a ship, a machine etc — could be constructed at the will of the child to his thrilling delight.

“CONSTRUCTION MODELS” is not merely a toy, it trains the awakening mind and the delicate hands and develops infantile genius.

This leaflet contains illustrative instructions with numbers of parts indicated, according to which the child may assemble one replica or another. The leaflet is a lead, but not an end. As experience accumulates, models of a greater variety and covering a wider field will surely be built.

There is, as a matter of fact, no definite rule as to how to start a construction. Generally speaking, however, the work is started from the base, or from the main structure, whereas for complicated constructions, sub-assemblies should be made first and then built up into a complete construction. The most efficient way will be the result of plays and depend upon the thoughtfulness of the young ‘ENGINEER’.

“CONSTRUCTION MODELS” is available in 5 sizes, from No. 0 to No. 4, the larger the number, the more the parts and the greater the versatility.

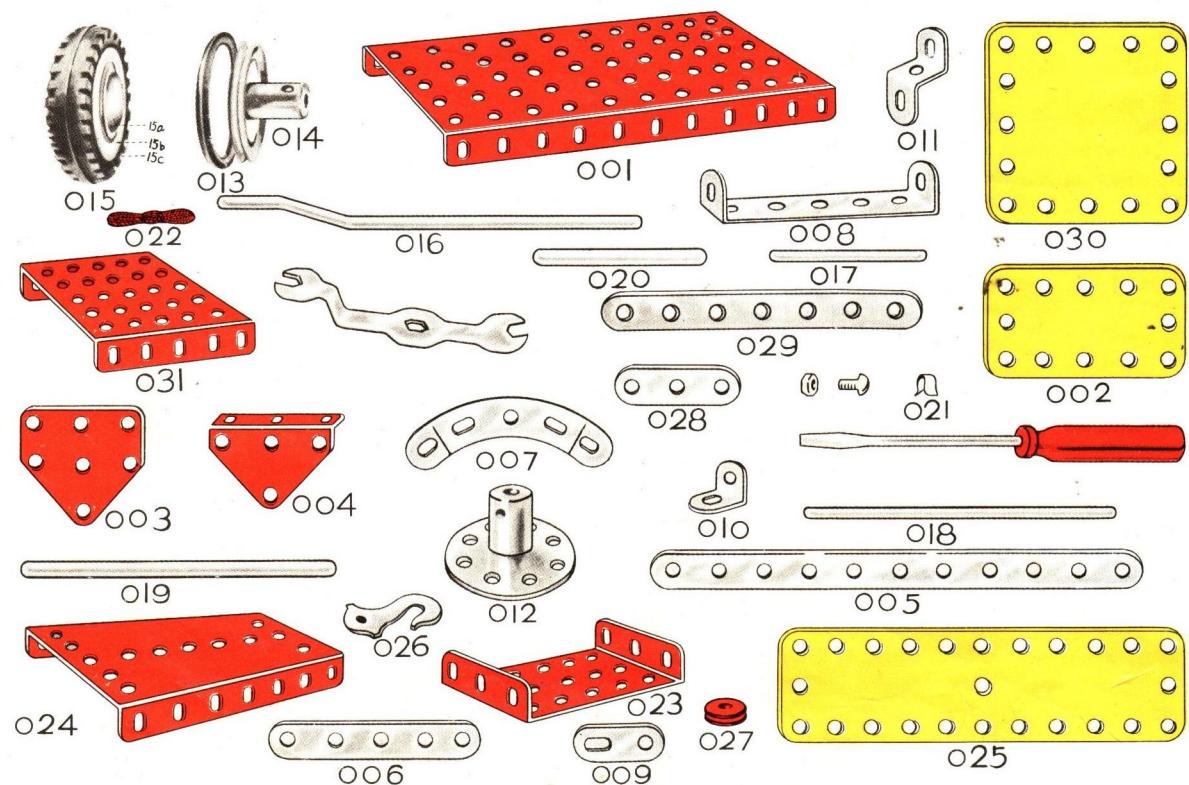
#3 建造模型另件表

CONTENTS OF CONSTRUCTION MODELS OUTFIT

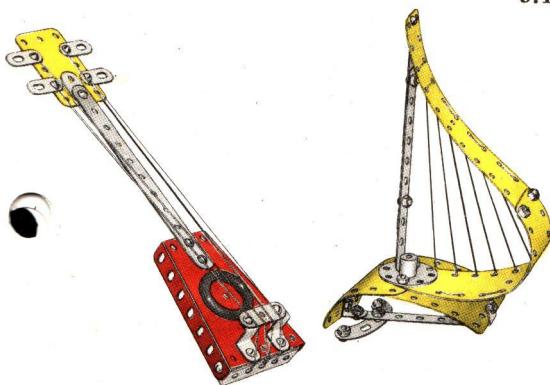
另件编号 No.	中文名称 Chinese Name	英 文 名 称 English Name	DESCRIPTION OF PARTS
001	11×5 折底板	Flanged Plate, 11 Holes × 5 Holes	1
002	3×5 孔平片	Flexible Plate, 5 Holes × 3 Holes	4
003	五角平接头	Flat Trunnion	2
004	五角曲接头	Trunnion	2
005	11 孔直条	Perforated Strip, 11 Holes	4
006	5 孔直条	Perforated Strip, 5 Holes	8
007	5 孔平弯条	Curved Strip, Stepped, 5 Holes	2
008	5×1孔双曲接头	Double Angle Strip, 5 Holes × 1 Hole	4
009	1×1平面接头	Fishplate	10
010	1×1单曲接头	Angle Bracket, 2 Holes	15
011	1×1双曲反接头	Reversed Angle Bracket, 3 Holes	4
012	带轴圆平轮	Bush Wheel, 1— $\frac{3}{8}$ " Diam, 8 Holes with Boss	1
013	Φ34 轮 圈	Rubber Ring (For 1" Pulley).....	6
014	Φ28 轮 轴	Pulley 1" Diam with Boss	6
015	轮 胎	Rubber Tyre (For 1" Pulley)..... (Includ, 015a, 015b, & 015c) 015a, Φ36% 轮 罩 015b, Φ36% 塑料轮芯 015c, Φ36% 轮 胎	4
016	摇 柄	Crank Handle, 3— $\frac{1}{2}$ Shaft	1
017	50% 轴 棒	Axle Rod 2"	2
018	90% 轴 棒	Axle Rod 3— $\frac{3}{4}$ "	2
019	95% 轴 棒	Axle Rod 4"	2
020	52% 轴 棒	Axle Rod 2— $\frac{1}{4}$ "	2
021	弹 力 夹	Spring Clip	6
022	开 发 司 线	Hank of Cord	1
023	3×5 折底板	Flanged Plate 3 Holes × 5 Holes	1
024	扇 形 折 底 板	Flanged Sector Plate	1
025	3×11 孔 平 片	Flexible Plate, 11 Holes × 3 Holes	2
026	铁 钩	Hook	1
027	滑 轮	Pulley $\frac{1}{2}$ " Diam, with Boss	1
028	三 孔 直 条	Perforated Strip, 3 Holes	5
029	七 孔 直 条	Perforated Strip, 7 Holes	2
030	5×5 孔 平 片	Flexible Plate, 5 Holes × 5 Holes	2
031	5×5 折 底 板	Flanged Platr, 5 Holes × 5 Holes	1

另 件 表 图 例

List & Diagram of Accessories



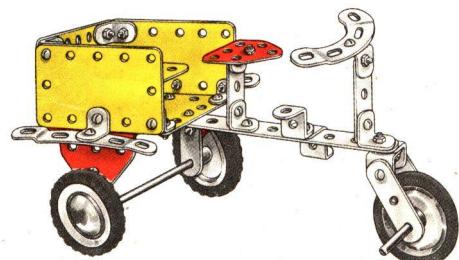
3.1 纤 乐 器 STRING INSTRUMENTS



需要部件
Parts Required

1 of No. 002	1 of No. 022
4 " " 005	1 " " 024
1 " " 007	2 " " 025
1 " " 008	1 " " 028
5 " " 009	2 " " 030
2 " " 010	
2 " " 011	
1 " " 012	
1 " " 013	

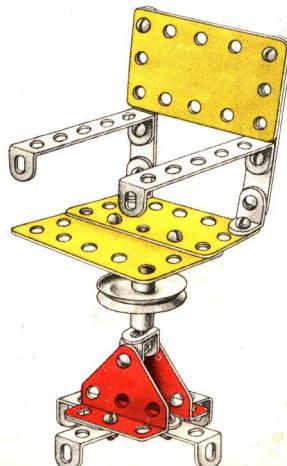
3.2 三 轮 车 PEDICAB



3.3 理 发 椅 HAIRDRESSING CHAIR

需要部件
Parts Required

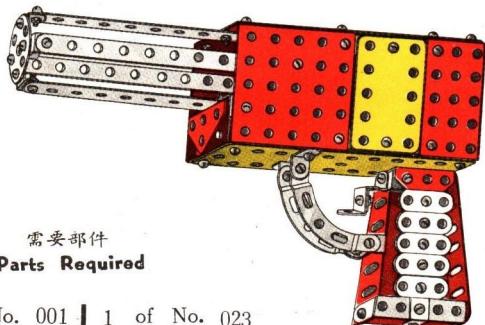
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1 " " 003
2 " " 004
2 " " 006
4 " " 008
1 " " 009
4 " " 010
1 " " 013
1 " " 014
1 " " 017



需要部件
Parts Required

4 of No. 002	1 of No. 017
1 " " 003	1 " " 019
2 " " 004	4 " " 021
1 " " 005	5 " " 028
2 " " 007	1 " " 030
3 " " 009	
3 " " 010	
4 " " 011	
1 " " 013	
1 " " 014	
2 " " 015	

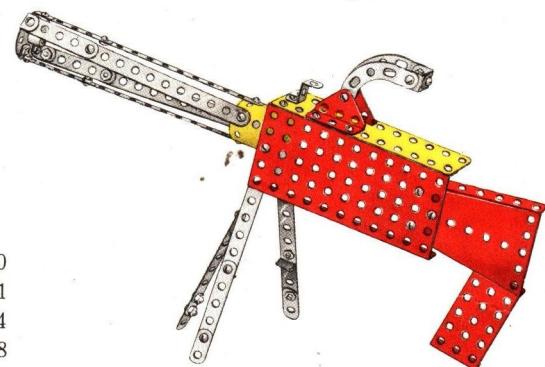
3.4 手 枪 PISTOL

需要部件
Parts Required

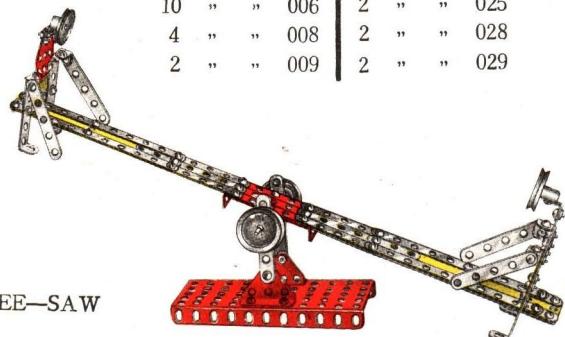
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4 " " 005	5 " " 028
2 " " 006	1 " " 031
2 " " 007	
4 " " 008	
12 " " 010	
2 " " 011	
1 " " 012	

需要部件
Parts Required

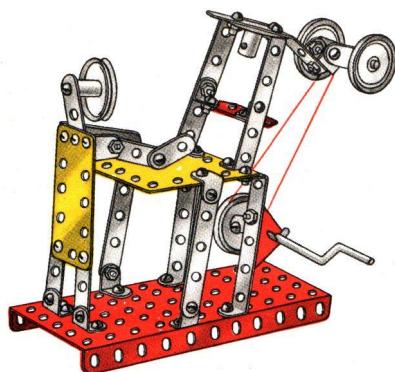
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4 " " 005	1 " " 023
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2 " " 007	2 " " 025
3 " " 008	1 " " 028
4 " " 009	1 " " 029
7 " " 010	



3.6 机 关 枪 MACHINE GUN



3.5 跷 跷 板 SEE-SAW



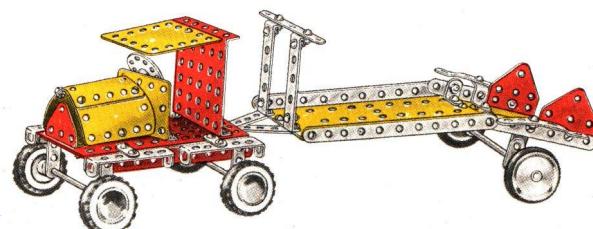
3.7 钻 床 PUNCHING MACHINE

需要部件
Parts Required

1 of No. 001	1 of No. 016
1 " " 002	1 " " 017
1 " " 003	1 " " 018
2 " " 004	1 " " 022
4 " " 006	2 " " 028
4 " " 008	1 " " 029
4 " " 009	1 " " 030
12 " " 010	
1 " " 011	
1 " " 012	
5 " " 014	

需要部件
Parts Required

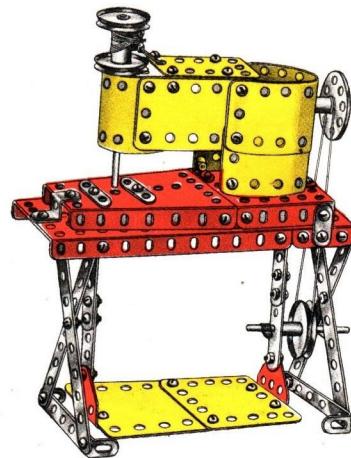
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2 " " 003	1 " " 018
1 " " 004	2 " " 019
2 " " 005	2 " " 025
6 " " 006	4 " " 028
2 " " 007	2 " " 029
4 " " 008	2 " " 030
7 " " 009	1 " " 031
13 " " 010	
2 " " 011	
1 " " 012	
4 " " 013	
2 " " 014	



3.8 平板车 TAILER

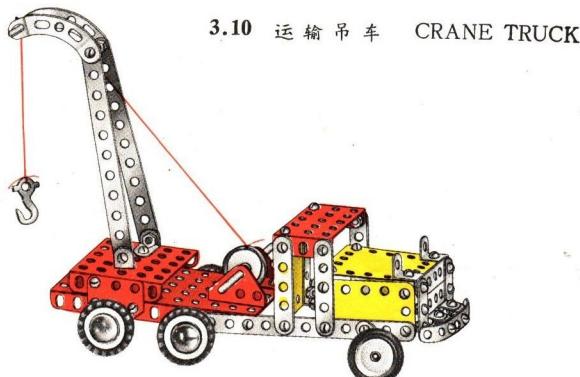
需要部件
Parts Required

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2 " " 004	1 " " 022
4 " " 005	1 " " 023
4 " " 006	1 " " 024
4 " " 008	2 " " 025
4 " " 009	2 " " 028
9 " " 010	2 " " 030
1 " " 011	1 " " 031
1 " " 012	
4 " " 014	
1 " " 017	



3.9 缝纫机 SEWING MACHINE

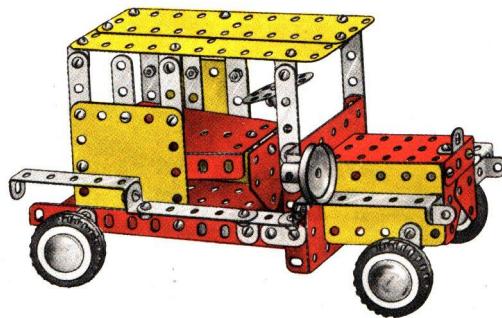
需要部件
Parts Required



3.10 运输吊车 CRANE TRUCK

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2 " " 003	2 " " 019
2 " " 004	4 " " 021
4 " " 005	1 " " 022
7 " " 006	1 " " 023
2 " " 007	1 " " 026
4 " " 008	1 " " 027
4 " " 009	2 " " 028
10 " " 010	1 " " 029
2 " " 011	2 " " 030
2 " " 013	1 " " 031
3 " " 014	
4 " " 015	
1 " " 016	

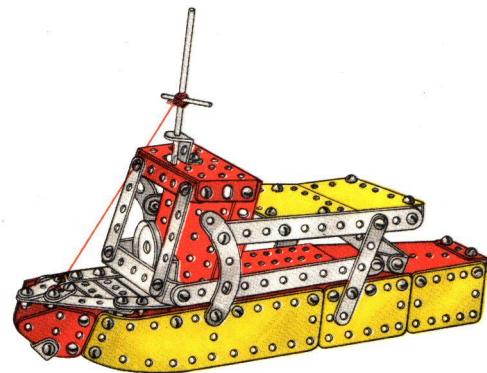
3.11 古老车 OLD MOTOR-CAR

需要部件
Parts Required

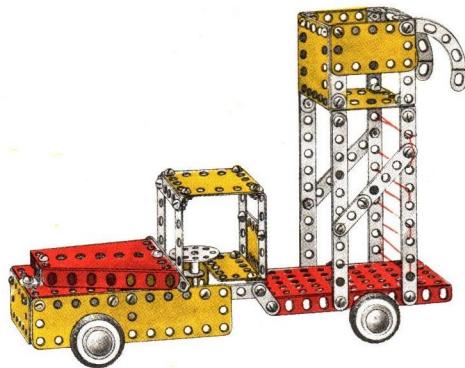
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2 " " 003	2 " " 019
2 " " 004	4 " " 021
10 " " 006	1 " " 023
4 " " 008	1 " " 024
6 " " 009	2 " " 025
14 " " 010	2 " " 028
3 " " 011	2 " " 030
1 " " 012	1 " " 031
1 " " 014	

需要部件
Parts Required

1 of No. 001	1 of No. 018
4 " " 002	1 " " 020
2 " " 003	1 " " 021
2 " " 004	1 " " 022
4 " " 005	1 " " 023
8 " " 006	1 " " 024
2 " " 007	2 " " 025
4 " " 008	4 " " 028
6 " " 009	2 " " 030
5 " " 010	1 " " 031
2 " " 011	
1 " " 014	



3.12 船 SHIP



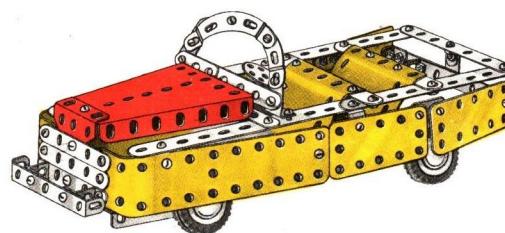
3.13 高架修理车 MAINTENANCE TRUCK

需要部件
Parts Required

1 of No.	001	5 of No.	021
4 "	002	1 "	022
1 "	004	1 "	023
4 "	005	1 "	024
8 "	006	2 "	025
2 "	007	1 "	028
4 "	008	2 "	029
5 "	009	4 "	030
14 "	010	1 "	031
2 "	011		
1 "	012		
4 "	015		
1 "	017		
2 "	019		

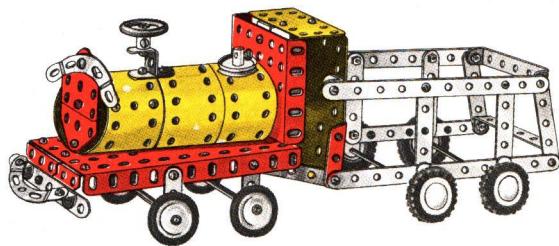
需要部件
Parts Required

1 of No.	001	2 of No.	019
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4 "	005	1 "	024
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2 "	007	3 "	028
2 "	008	2 "	029
6 "	009	2 "	030
9 "	010	1 "	031
2 "	011		
1 "	012		
4 "	013		
4 "	015		
1 "	017		



3.14 越野车 PARADE CAR

需要部件
Parts Required



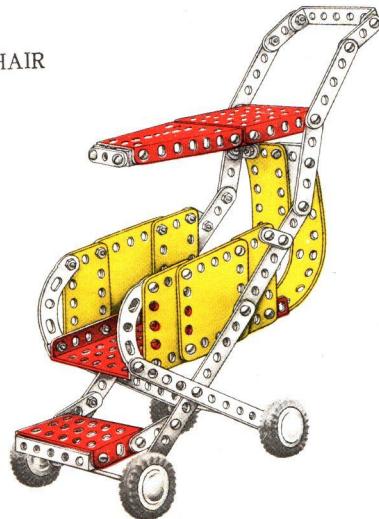
3.15 棚 车 RAILWAY WAGON

1 of No.	1 of No.
3 "	018
2 "	019
2 "	023
4 "	025
10 "	028
2 "	029
2 "	030
5 "	031
7 "	010
1 "	011
4 "	013
6 "	014
4 "	015

需要部件
Parts Required

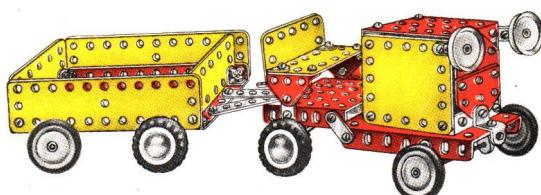
3.16 儿童推车 PUSH-CHAIR

1 of No.	1 of No.
4 "	025
4 "	028
4 "	029
2 "	030
2 "	031
4 "	009
4 "	010
4 "	015
2 "	019
4 "	021
1 "	023



需要部件
Parts Required

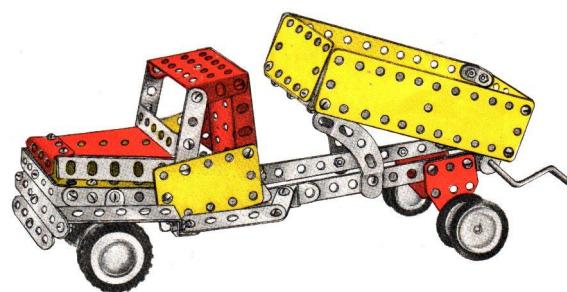
3.17 电瓶车 WHARF TRUCK



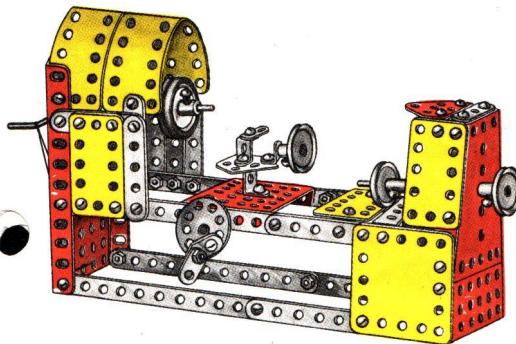
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4	"	"	008	4	"	"	028
8	"	"	009	2	"	"	029
8	"	"	010	2	"	"	030
4	"	"	011	1	"	"	031
4	"	"	013				
6	"	"	014				
4	"	"	015				
2	"	"	018				

需要部件
Parts Required

1	of	No.	001	1	of	No.	019
4	"	"	002	4	"	"	021
2	"	"	003	1	"	"	022
2	"	"	004	1	"	"	023
2	"	"	005	1	"	"	024
9	"	"	006	2	"	"	025
2	"	"	007	1	"	"	027
4	"	"	008	4	"	"	028
2	"	"	009	1	"	"	029
12	"	"	010	2	"	"	030
2	"	"	011	1	"	"	031
4	"	"	013				
4	"	"	014				
2	"	"	015				
1	"	"	016				
1	"	"	018				



3.18 翻斗车 TIPPING TRUCK



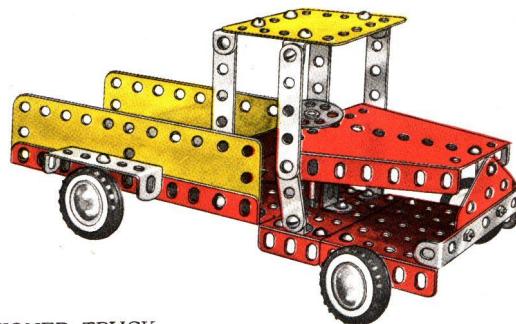
3.19 车 床 LATHE

需要部件
Parts Required

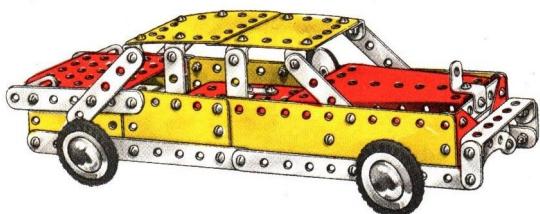
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9	"	"	006	2	"	"	025
2	"	"	008	1	"	"	028
7	"	"	009	2	"	"	029
6	"	"	010	2	"	"	030
2	"	"	011	1	"	"	031
1	"	"	012				
5	"	"	014				
1	"	"	016				
1	"	"	017				
1	"	"	018				

需要部件
Parts Required

1	of	No.	001	1	of	No.	023
1	"	"	003	1	"	"	024
1	"	"	004	2	"	"	025
2	"	"	006	2	"	"	028
4	"	"	008	2	"	"	029
6	"	"	009	1	"	"	030
9	"	"	010	1	"	"	031
2	"	"	011				
1	"	"	012				
4	"	"	013				
4	"	"	015				
1	"	"	017				
2	"	"	019				
1	"	"	021				



3.20 老式卡车 OLD FASHIONED TRUCK



3.21 轿 车 SEDAN

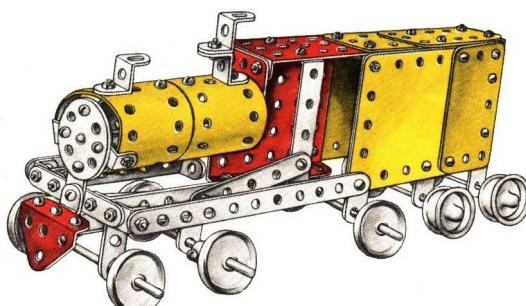
需要部件
Parts Required

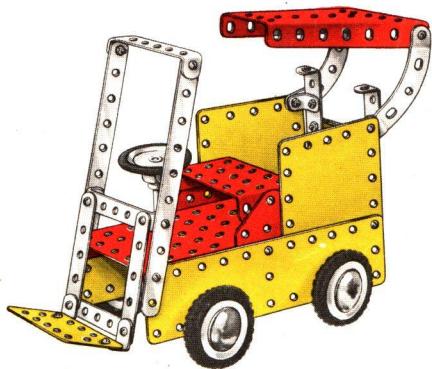
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需要部件
Parts Required

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5 " " 009	2 " " 030
10 " " 010	1 " " 031
3 " " 011	
1 " " 012	
6 " " 014	
4 " " 015	

3.22 火 车 头 LOCOMOTIVE





3.23 铲 车 ELEVATOR

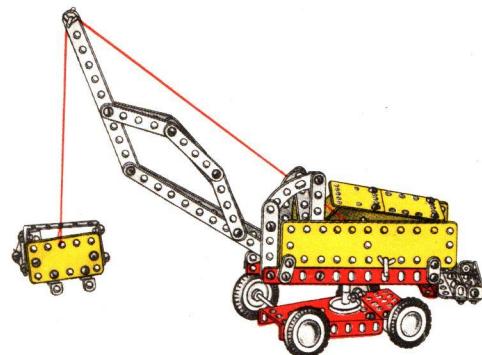
需要部件
Parts Required:

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2	"	"	003	2	"	"	021
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4	"	"	006	1	"	"	024
2	"	"	007	2	"	"	025
4	"	"	008	2	"	"	030
2	"	"	009				
4	"	"	010				
4	"	"	013				
1	"	"	014				
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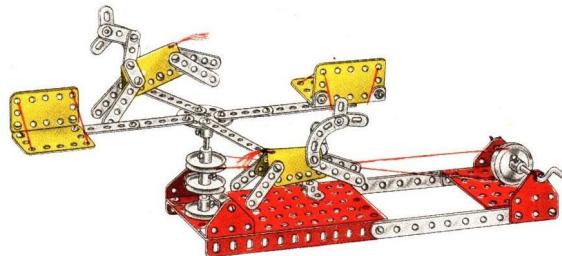
需要部件
Parts Required

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2	"	"	004	1	"	"	023
4	"	"	005	1	"	"	024
8	"	"	006	2	"	"	025
2	"	"	007	1	"	"	027
4	"	"	008	4	"	"	028
8	"	"	009	2	"	"	029
8	"	"	010	1	"	"	030
4	"	"	011	1	"	"	031
3	"	"	014				
4	"	"	015				
1	"	"	016				
1	"	"	017				

3.24 旋 转 吊 车 UNIVERSAL CRANE



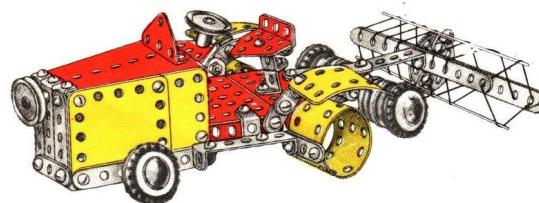
3.25 转 椅 ROUNDABOUT

需要部件
Parts Required

1	of No.	001	4	of No.	014
2	" "	002	1	" "	016
2	" "	003	1	" "	019
2	" "	004	2	" "	021
4	" "	005	1	" "	022
8	" "	006	4	" "	028
2	" "	007	2	" "	029
1	" "	008	2	" "	030
6	" "	009	1	" "	031
8	" "	010			
2	" "	011			
1	" "	012			

需要部件
Parts Required

4	of No.	002	1	of No.	018
2	" "	003	2	" "	019
2	" "	004	2	" "	021
4	" "	005	1	" "	022
4	" "	006	1	" "	023
2	" "	007	1	" "	024
4	" "	008	2	" "	025
4	" "	009	1	" "	028
15	" "	010	2	" "	029
4	" "	011	2	" "	030
1	" "	012	1	" "	031
4	" "	013			
6	" "	014			
4	" "	015			

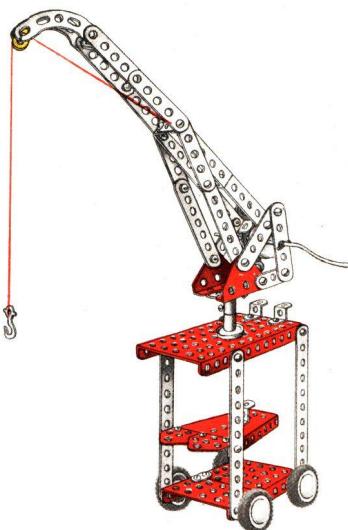


3.26 收割机 COMBINE

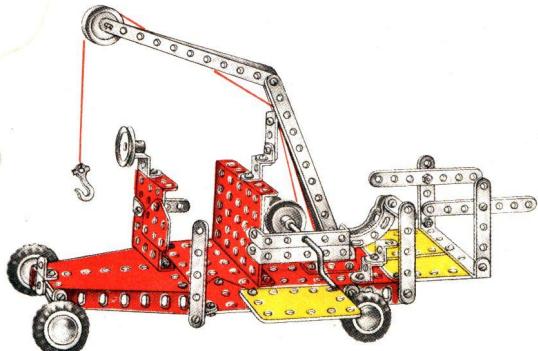
3.27 流动吊车 CRANE

需要部件
Parts Required

1 of No. 001	4 of No. 015
2 " " 003	1 " " 016
2 " " 004	1 " " 017
2 " " 005	2 " " 019
2 " " 006	1 " " 023
2 " " 007	1 " " 024
4 " " 008	1 " " 026
2 " " 009	1 " " 027
3 " " 011	4 " " 028
1 " " 012	2 " " 029
2 " " 014	1 " " 031



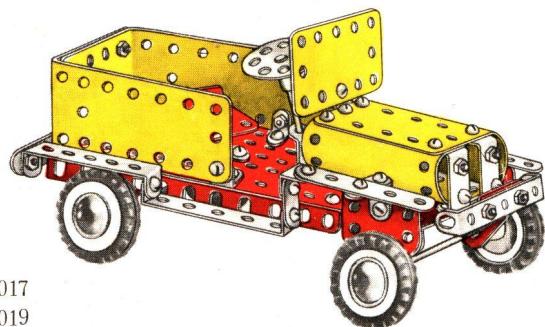
3.29 吊 车 CRANE



3.28 吉普车 JEEP

需要部件
Parts Required

1 of No. 001	4 of No. 015
2 " " 002	1 " " 017
2 " " 003	2 " " 019
2 " " 004	1 " " 021
4 " " 006	1 " " 023
4 " " 008	2 " " 025
7 " " 009	1 " " 028
13 " " 010	2 " " 030
2 " " 011	
1 " " 012	
4 " " 013	



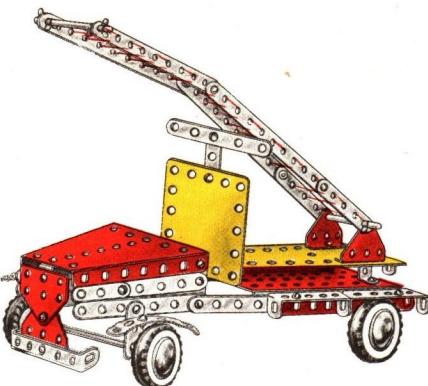
需要部件
Parts Required

1 of No. 001	1 of No. 017
3 " " 002	2 " " 019
2 " " 003	6 " " 021
2 " " 004	1 " " 022
4 " " 005	1 " " 023
6 " " 006	1 " " 024
2 " " 007	1 " " 026
3 " " 008	4 " " 028
6 " " 009	2 " " 029
7 " " 010	1 " " 030
4 " " 011	
3 " " 014	
4 " " 015	
1 " " 016	

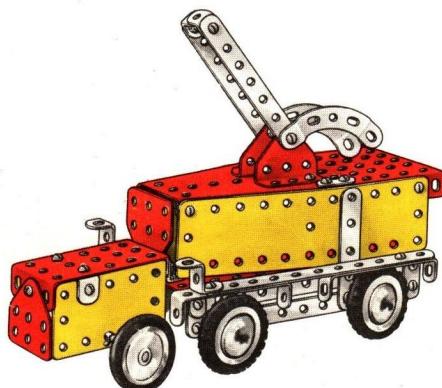
3.30 云 梯 车 CAR WITH LADDER

需要部件
Parts Required

1 of No. 001	2 of No. 020
2 " " 003	1 " " 022
2 " " 004	1 " " 024
2 " " 005	1 " " 025
8 " " 006	2 " " 028
2 " " 007	2 " " 029
4 " " 008	1 " " 030
2 " " 009	
11 " " 010	
3 " " 011	
4 " " 013	
4 " " 015	
1 " " 017	
2 " " 019	



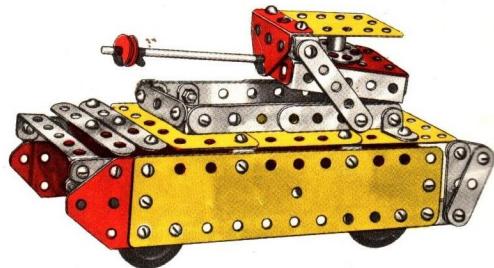
3.32 救 火 车 FIRE ENGINE



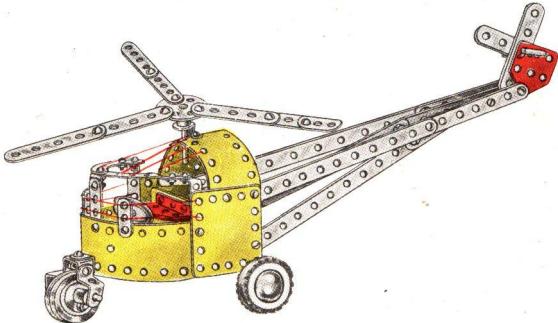
3.31 坦 克 TANK

需要部件
Parts Required

1 of No. 001	1 of No. 018
2 " " 002	2 " " 019
2 " " 003	4 " " 021
1 " " 004	1 " " 023
6 " " 006	2 " " 025
3 " " 008	1 " " 027
6 " " 009	5 " " 028
14 " " 010	2 " " 029
1 " " 012	2 " " 030
4 " " 014	

需要部件
Parts Required

1 of No. 001	2 of No. 014
2 " " 002	4 " " 015
2 " " 003	2 " " 019
2 " " 004	1 " " 020
4 " " 005	2 " " 021
4 " " 006	1 " " 023
2 " " 007	1 " " 024
4 " " 008	2 " " 025
4 " " 009	2 " " 029
10 " " 010	1 " " 031
2 " " 011	
2 " " 013	



3.33 直升飞机 HELICOPTER

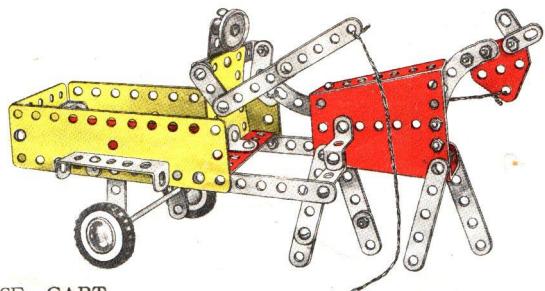
需要部件
Parts Required

2	of	No.	002	2	of	No.	017
1	"	"	003	1	"	"	018
1	"	"	004	1	"	"	020
4	"	"	005	3	"	"	021
8	"	"	006	1	"	"	022
2	"	"	007	1	"	"	023
2	"	"	008	2	"	"	025
4	"	"	009	5	"	"	028
10	"	"	010	2	"	"	029
4	"	"	011	2	"	"	030
1	"	"	012				
2	"	"	013				
3	"	"	014				
2	"	"	015				

3.34 医疗椅 MEDICAL CHAIR

需要部件
Parts Required

1	of	No.	001	2	of	No.	013
1	"	"	002	6	"	"	014
1	"	"	003	1	"	"	017
2	"	"	004	1	"	"	018
4	"	"	005	2	"	"	021
6	"	"	006	2	"	"	025
2	"	"	007	2	"	"	028
3	"	"	008	2	"	"	029
4	"	"	009	1	"	"	031
8	"	"	010				
2	"	"	011				
1	"	"	012				



3.35 马车 HORSE-CART

需要部件
Parts Required

1	of	No.	001	1	of	No.	014
2	"	"	002	2	"	"	015
1	"	"	003	1	"	"	019
9	"	"	006	1	"	"	022
2	"	"	007	1	"	"	024
3	"	"	008	2	"	"	025
3	"	"	009	2	"	"	029
7	"	"	010				
4	"	"	011				
2	"	"	013				

