



Nom : PRIMUS ENGINEERING

Période : 1913 – 1926

Pays : Angleterre

Type : Système compatible avec Meccano alliant des pièces en bois aux classiques pièces métalliques.

Fabriqué par : W.Butcher & Sons Ltd.

Diamètre des axes : 3,96 mm

Espacement des trous : 12,7 mm

Boîtes disponibles : 0 à 5 & compl. 0s à 4s

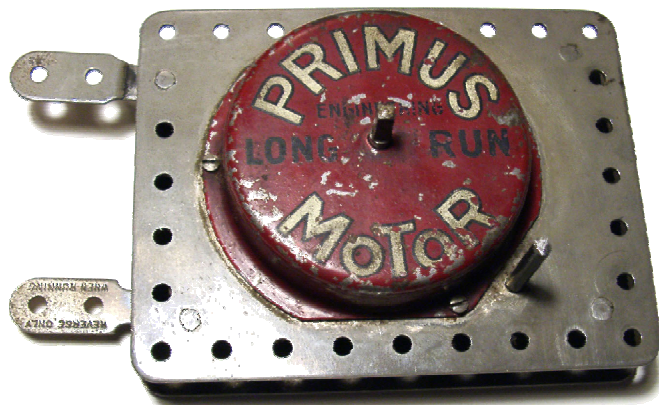
+ Un coffret spécial N°6

+ Une boîte spéciale BIG WHEEL

Différentes pièces : 97

Couleurs : Nickelé ou argent, laiton, vert & bois clair ou foncé

Moteurs : Moteur électrique & moteur mécanique



Nom : PRIMUS ENGINEERING (Suite)

PRIMUS ENGINEERING
BRITISH MADE

ILLUSTRATED PRICE LIST OF PARTS.

No. 1. Grooved side rail for carriage and truck, each, 4d.	No. 7. Carriage doors, each, 6d.	No. 14. Sides of house, each, 8d.	No. 18. Truck Ends, each, 6d.
No. 2. Grooved side rail with footboard, each, 6d.	No. 8. Centre windows, each, 6d.	No. 15A. Window sills, per doz., 1/0	No. 19. House baseboard, each, 3/0
No. 3. Carriage ends, each, 6d.	No. 9. Floor for carriage, each, 6d.	No. 15B. Front and Back of house, each, 1/6	No. 21. Steps, each, 6d.
No. 4. Buffer Blocks, each, 3d.	No. 10. Carriage roof, each, 1/0	No. 15D. Window sash, per doz., 9d.	No. 22. Station Slope, each, 8d.
No. 5. Left-hand carriage window, each, 4d.	No. 11. Posts for railings, per doz., 1/6	No. 16. Door of house, each, 6d.	No. 23. Platform centre, each, 8d.
No. 6. Right-hand carriage window, each, 4d.	No. 12. End rail of house, each, 3d.	No. 16A. Door lintels, per doz., 1/0	No. 24. Platform sides, each, 10d.
No. 13. Side rail of house, each, 3d.	No. 17. Truck sides, each, 4d.	No. 25. Wood slips, 3 by 1 in., per doz., 3/0	

EXTRA PARTS NOT INCLUDED IN OUTFITS.

No. 154. Wire Stays 1 1/2 inches, 3d.	No. 155. " " 2 1/2 " " 3d.	No. 156. " " 3 1/2 " " 4d.	No. 159. Pulley Wheels plain, each, 3d.	No. 161. Pinion Wheels, 1 in., each, 9d.	No. 162. Bevel Gears, per pair, 2/0
No. 158. Pulley Wheels with set screws, each, 6d.	No. 160. Cog Gear Wheels, 1 1/2 in., 56 teeth, each, 1/0	No. 164. Crank Arm, each, 8d.	No. 163. Eccentric, each, 1/0		
No. 168. Double Tapped Collars, each, 4d.	No. 167. Double Tapped Rods, 24 in., each, 3d.	No. 167A. do. 21 " " 3d.			

PRIMUS ENGINEERING
BRITISH MADE

THE PRIMUS CABINET OUTFIT No. 6

The most practical method of storing and handling Primus Parts.

An outfit of Luxe, suitable for presentation, etc., containing the same number of parts as the No. 5 outfit, with the addition of a useful set of gear wheels, pinions, etc.

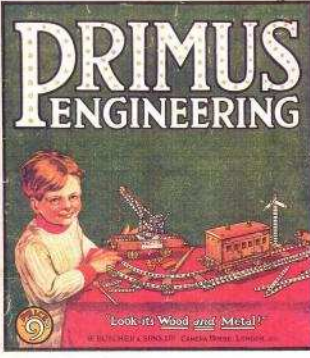
The whole is contained in a handsome and very substantial cabinet, being made of polished oak, with three drawers, partitioned off to provide compartments for the various parts, with lock and key to secure the drawers when not in use.

No. 6—Containing 1,189 g. s. d. wood and metal parts in strong oak 3-drawer cabinet .. 8 8 0
Cabinet supplied separately .. 4 4 0



LIST OF EXTRA PARTS.

12 Wire Stays, 1 1/2 in.	No. 154	2 Gear Wheels	No. 160
12 " " 2 1/2 "	155	2 Pinion Wheels	161
6 " " 3 1/2 "	156	2 Bevel Gears	162
4 Pulley Wheels	158	6 Tapped Rods	167
6 " " "	159	4 " Collars	168



PRIMUS ENGINEERING
BRITISH MADE

No. 50 and 51. Screws and nuts, per doz., 6d.	No. 69. Ridge Tiles, Per 1 doz. 1/8, 3/0, 4/0	No. 76. Pulley wheels, grooved, each, 9d.	No. 87. Carriage lamps, each, 6d.
No. 52. Angle Bars, Per 1 doz. 1/8, 3/0, 4/0	No. 71. Eaves, 8 in., per 1 doz., 4/0	No. 88. Carriage door hinges, each, 6d.	No. 89. Turnbuttons, per 1 doz., 4d.
No. 53. Metal Strips, Per 1 doz. 1/8, 3/0, 4/0	No. 72. Straight hinges, per doz., 9d.	No. 90. Carriage Rails, per 1 doz., 4d.	No. 91. Carriage door screws, per doz., 1/6
No. 54. Metal Strips, Per 1 doz. 1/8, 3/0, 4/0	No. 73. Bent hinges, per 1 doz., 1/0	No. 92. Knobscrew and nuts, per 1 doz., 2/0	No. 93. Turnbuttons, per 1 doz., 3d.
No. 55. Metal Strips, Per 1 doz. 1/8, 3/0, 4/0	No. 74. Trunnions, each, 3d.	No. 94. Catches, per 1 doz., 4d.	No. 95. Wood Screws, per doz., 3d.
No. 56. Metal Strips, Per 1 doz. 1/8, 3/0, 4/0	No. 75. Flanged wheels, each, 9d.	No. 96. Signal Post rods, per 1 doz., 8d.	No. 100. Wood handle screwdriver, each, 6d.
No. 57. Metal Strips, Per 1 doz. 1/8, 3/0, 4/0		No. 97. Coupling Hook, each, 8d.	No. 101. All metal screw-driver, each, 3d.
No. 58. Metal Strips, Per 1 doz. 1/8, 3/0, 4/0			
No. 59. Metal Strips, Per 1 doz. 1/8, 3/0, 4/0			
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No. 63. Metal Strips, Per 1 doz. 1/8, 3/0, 4/0			
No. 64. Metal Strips, Per 1 doz. 1/8, 3/0, 4/0			
No. 65. Architraves, per 1 doz., 1/0			
No. 66. Brackets, per doz., 6d.			
No. 67. Metal Plates, 8 x 3 in., 3/0			
No. 68. Metal Plates, 8 x 3 in., 1/6			

PRIMUS ENGINEERING
BRITISH MADE
PRIMUS BIG WHEEL OUTFIT



A series of new and ingenious parts with which "Primus Engineers" can build up wheels of 4, 6 and 8 in. diameter to be used in connection with many of the models in the Primus Manual or for other special models.

The Wheels are built up in sections. Three sizes can be made, suitable for Fly-Wheels, Pulley-Wheels, and Paddle-Wheels, also Wheels for Carts, Carriages, Tractor Engines, Wagons, Gun Carriage, in fact wheels for all things and all purposes, and Composite Wheels for Steam Rollers.

These parts are used with the regular Primus parts, making the Primus Outfits more varied, amusing and instructive than any other constructional toy.

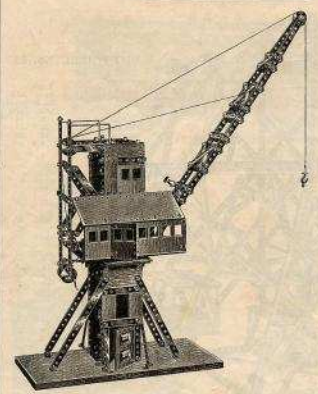
The sectional parts can be used for forming the curved parts of Roundabouts, Lighthouses, Towers, Arches in Bridges, etc.

The Patent Wheel sections themselves are strikingly novel, and as they may be easily bent to any curve or made quite straight, it will be at once evident how useful they become in making up new models. The Spokes, which are of three different sizes, may also be used as Stays, Supports, Levers, etc., and besides making the models look more like the real thing, they offer a pleasing alternative to the use of perforated strips.

Many new uses will soon be found for the Hubs, either singly or in combination.

PRICE, complete - 15/0.
Instruction Booklet supplied with each Outfit.

PRIMUS ENGINEERING
BRITISH MADE



LUFFING CRANE No. 354.

Parts	Item	Amount	Additional
No. 354. Luffing Crane			
8 Windows	1		
16 Doors	1		
18 Truck ends	1		
15 Baseboard	1		
25 Slips	1		
50 Screws	1		
50 Strips, 1 in.	1		
57 " " 2 1/2 "	1		
58 " " 3 1/2 "	1		
59 " " 4 1/2 "	1		
60 " " 5 1/2 "	1		
61 " " 6 1/2 "	1		
62 " " 7 1/2 "	1		
63 " " 8 1/2 "	1		
64 " " 9 1/2 "	1		
65 " " 10 1/2 "	1		
66 " " 11 1/2 "	1		
67 " " 12 1/2 "	1		
68 " " 13 1/2 "	1		
69 " " 14 1/2 "	1		
70 " " 15 1/2 "	1		
71 " " 16 1/2 "	1		
72 Hinges	1		
73 Bent hinges	1		
74 Wheel	1		
75 Washers	1		
76 Axle, 2 1/2 in.	1		
77 " " 3 in.	1		
78 " " 4 in.	1		
79 " " 5 in.	1		
80 " " 6 in.	1		
81 " " 7 in.	1		
82 " " 8 in.	1		
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173 " " 99 in.	1		
174 " " 100 in.	1		

The base of this model is composed of three 8 x 3 in. metal plates standing on end, and the front part with 3 in. and 3 1/2 in. metal strips and 3 x 1 1/2 in. wood slips, and is supported by means of four 3/4 in. metal clips at each corner, bolted to brackets, secured to the baseboard. The roof of base is a 3 x 3 in. plate. The front of engine house is two 4 x 4 in. plates joined together, and is joined to the lower part by means of a 3/4 in. axle rod, using pulley and flanged wheels, as in earlier models. The balance is kept by using four high screws inserted in 3 x 3 in. plate at similar height to one flanged wheel and one pulley wheel. The front and back of engine house are made with 8 x 4 in. plates, the lower parts of sides with 3 x 3 in. plates, and the upper parts with carriage windows, and 3 x 1 1/2 in. wood slip. The remainder is easily guessed from illustration.

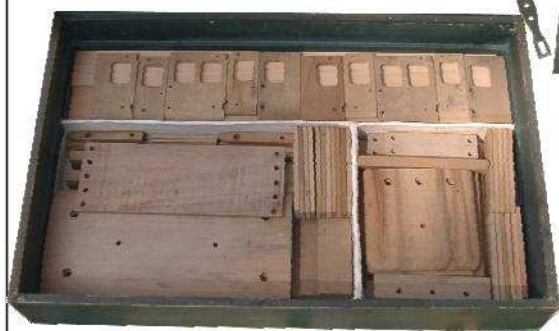
MODELS MADE WITH NO. 5 OUTFIT.

Nom : PRIMUS ENGINEERING

Période : 1913 – 1926

Pays : Angleterre

(Suite)



Nom : PRIMUS ENGINEERING MOTOR CHASSIS

Période : 1920 – 1926

Pays : Angleterre

Type : Système compatible avec Meccano alliant des pièces spécifiques et des pièces en bois aux classiques pièces métalliques.

Fabriqué par : W. Butcher & Sons Ltd.

Diamètre des axes : 4,04 mm

Espacement des trous : 12,7 mm

Boîtes disponibles : une seule

Différentes pièces : 22 en plus des pièces standard

Couleurs : Nickelé ou argent, laiton, vert foncé, gris & bois

Moteurs : Les deux moteurs PRIMUS sont difficilement adaptables aux châssis, mais c'est réalisable.

