

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

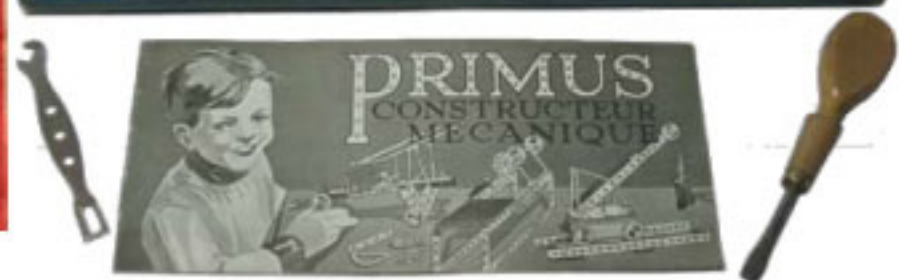
+ Une boîte spéciale de pièces en bois

+ Une boîte spéciale BIG WHEEL

Différentes pièces : 97

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

Moteurs : Moteur électrique 4volts & moteur mécanique



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

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No. 50 and 51. Screws and nuts, per doz., 6d.	Ridge Tiles No. Inches. Per doz. 69 6 1/2 3/0 70 8 4/0	No. 76. Pulley wheels, grooved, each, 9d.	No. 87. Carriage lamps, each, 6d.
Angle Bars No. Inches. Per doz. 52 6 1/3 53 6 1/6 54 8 1/9 55 12 2/3	No. 71. Eaves, 8 in., per doz., 4/0	No. 77. Axles, 3 1/2 in., 1/0 78 " 2 1/2 in., 1/0 79 " 1 1/2 in., 1/0 165 " 6 1/2 in., 2/0 166 " 8 in., 3/0 169 " 2 in., 1/0	No. 88. Carriage door handles, each, 6d.
Metal Strips No. Inches. Per doz. 56 2 4d. 57 2 1/2 4d. 58 3 4d. 59 3 1/2 5d. 60 4 7d. 61 5 1/2 9d. 62 6 1/2 10d. 63 8 1/0 64 12 1/3	No. 72. Straight hinges, per doz., 9d.	No. 82. Collars and screws, each, 3d.	No. 89. Turnbuttons, per doz., 4d.
No. 65. Architraves, per doz, 1/0	No. 73. Bent hinges, per doz., 1/0	No. 83. Handle Axles, each, 3d.	No. 90. Carriage Halls, per doz., 4d.
No. 66. Brackets, per doz., 6d.	No. 74. Trunnions, each, 3d.	No. 84. Washers, per doz., 2d.	No. 91. Carriage door screws, per doz., 1/6
Metal Plates No. Size. Per doz. 67 8x3 in. 3/0 68 3x3 in. 1/6	No. 75. Flanged wheels, each, 9d.	No. 85. Buffers, each, 8d.	No. 92. Knobscrew and nuts, per doz., 2/0
		No. 86. Coupling Hook, each, 8d.	No. 93. Turnbuttons, per doz., 3d.
			No. 94. Catches, per doz., 4d.
			No. 95. Wood Screws, per doz., 3d.
			No. 96. Signal Post rods, per doz., 8d.
			No. 100. Wood handle screwdriver, each, 6d.
			No. 101. All metal screwdriver, each, 3d.

EXTRA PARTS NOT INCLUDED IN OUTFITS.

No. Length Per 154 Wire Stays 1 1/2 inches, 3d. 155 " 2 1/2 " 5d. 156 " 3 1/2 " 6d.	No. 159. Pulley Wheels plain, each, 3d.	No. 161 Pinion Wheels, 1/2 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. 165. Double Tapped Collars, each, 4d.	No. 167 Double Tapped Rods, 3/4 in., each 3d.	No. 163 Eccentric each 1/0	
	No. 167a do. 2 1/2 " .. 3d.		

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THE PRIMUS CABINET OUTFIT No. 6



The most practical method of storing and handling Primus Parts.

An outfit de 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.

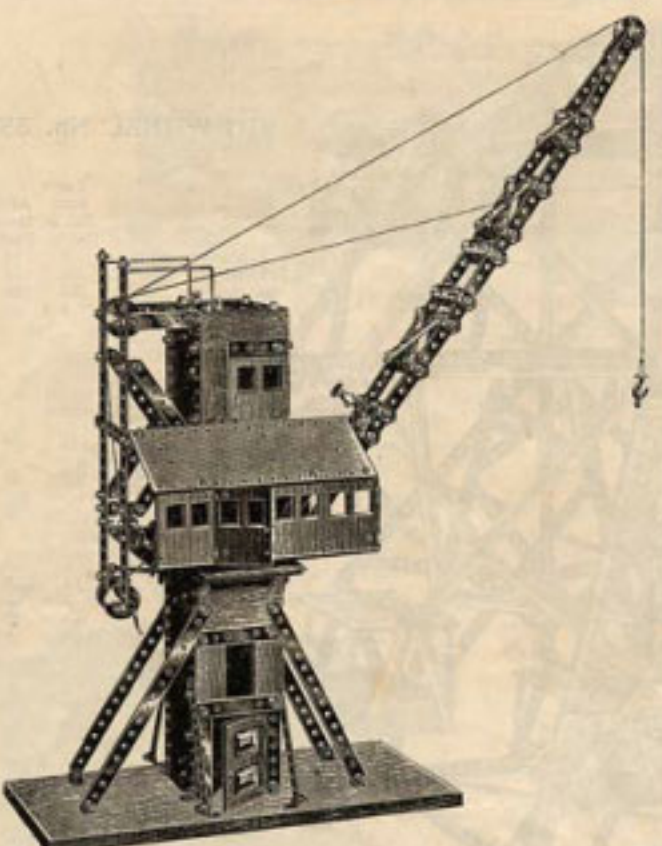
No. 6—Containing 1,189 of wood and metal parts in strong oak 3-drawer cabinet .. 8 8 0
Cabinet supplied separately .. 4 4 0

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	3 Bevel Gears ..	162
4 Pulley Wheels ..	158	6 Tapped Rods ..	167
6 " ..	159	4 Tapped Collars ..	168

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LUFFING CRANE No. 354.



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-in. wood slips, and is supported by means of four 8 1/2-in. metal slips at each corner, joined to brackets, screwed to the baseboard. The roof of base is a 3 x 3-in. plate. The floor of engine house is two 8 x 3-in. plates screwed together, and is joined to the lower part by means of a 3 1/2-in. axle rod, using pulley and flanged wheels, as in earlier models. The balance is kept by using four knob screws inserted in 3 x 3-in. plate at similar height to one flanged and one pulley wheel. The front and back of engine house are made with 8 x 3-in. plates, the lower parts of sides with 3 x 3-in. plates, and the upper part with carriage windows and 2 x 1-in. wood slip; the remainder is easily gleaned from illustration.

No.	Parts from No. 5 Outfit.	Additional Parts.
8	Windows .. 2	4
16	Door .. 1	—
18	Truck ends .. 1	—
19	Baseboard .. 1	—
25	Slips .. 11	—
50	Screws .. 292	—
56	Strips, 2 in. .. 14	—
57	.. 2 1/2 " .. 4	—
58	.. 3 " .. 8	3
59	.. 3 1/2 " .. 6	—
60	.. 4 " .. 3	—
61	.. 5 1/2 " .. 4	4
63	.. 8 " .. 4	—
64	.. 12 1/2 " .. 3	3
66	Brackets .. 78	37
67	Plates, 8 x 3 in. .. 6	—
68	.. 3 x 3 in. .. 5	—
72	Hinges .. 2	—
73	Bent hinges .. 2	—
75	Wheel .. 1	—
76	Wheels .. 4	3
77	Axle, 3 1/2 in. .. 2	—
79	.. 1 1/2 " .. 1	—
82	Collars .. 8	—
84	Handle .. 1	1
84	Washers .. 48	90
85	Buffers .. 1	—
86	Coupling .. 1	—
88	Door handle .. 1	—
91	.. screws .. 16	1
92	Screws .. 4	3
96	Rods .. 3	—
97	Wood screws .. 8	—

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PRIMUS BIG WHEEL OUTFIT PATENT



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, Traction 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.

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.

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