

## Une pièce Meccano inconnue

La pelle d'excavateur initialement conçue par Gilbert pour ERECTOR date de 1924, elle est noire, et d'abord assemblée par des vis, puis, sur la fin par des rivet. En 1928, Franck Hornby copie cette pièce, sans doute avec l'accord de Gilbert, pour l'introduire dans les boîtes Meccano. La pelle d'excavateur Meccano, un peu plus petite (2mm de moins) est gris-bleu, au début puis grise en 1929. Il en a aussi existé des modèles rouges.



Et pourtant, un catalogue Meccano de septembre 1928, présentant des boîtes de 1927, provenant d'Elisabeth (New Jersey – USA) nous montre une Pelle d'excavateur totalement différente.

### Where Meccano Is Manufactured

Meccano Company, Inc.  
Elizabeth - New Jersey

New York Showrooms  
200 Fifth Avenue

Factory - Elizabeth, N.J.

Factory - Paris

MECCANO AGENCIES

ALGIERS  
AMSTERDAM  
ATLANTA  
BARCELONA  
BOMBAY  
BRUSSELS  
BUENOS AIRES  
CAPE TOWN

Factory - Liverpool, England

MECCANO AGENCIES

CONSTANTINOPLE  
DURBAN  
GENOA  
JOHANNESBURG  
MALTA  
MONTVIDEO  
OSLO  
STOCKHOLM  
SYDNEY

London Warehouse

Printed in U.S.A.

## MECCANO

### THE TOY THAT MADE ENGINEERING FAMOUS

THE PIONEER CONSTRUCTIONAL TOY—HORNBY'S ORIGINAL INVENTION—FIRST PATENTED 1901  
THE LEADER OF 1929

NEW HIGH-GRADE DOUBLE VALUE OUTFITS MAKE MORE MODELS AND  
POSSESS GREATER POSSIBILITIES THAN EVER.

This is an exact replica of a giant Block-setting Crane that is used in the construction of Harbors and Breakwaters to place 200 ton concrete blocks in position on the sea-bed. The model travels along on a wheel base under its own power; its job

rotates, lowers its heavy load and manoeuvres it into position by the travelling grab that runs along the jib. All these movements are carried out by a high-power Meccano Electric Motor, controlled by levers in the powerhouse at the end of the jib.

MECCANO COMPANY, INC., ELIZABETH, NEW JERSEY

O-0928/50

### No. 3X—THE \$12.50 LEADER IN WOODEN CABINET

Makes 785 Models—Note the new Meccano Boiler and Reversing Electric Motor. This double value Outfit also contains the new Swivel Bearing, Sleeve Pieces and Chimney Adaptor, with a wide range of parts and a new manual showing 785 models. Price \$12.50

The models illustrated on this page show what you can do with No. 3x Outfit.

Steam Shovel

Lower Wagon

Railway Breakdown Crane

Merry-go-round

Steam Roller

Electric Street Car

### A DE LUXE OUTFIT AT A NEW PRICE—No. 4X, \$17.50

Makes 841 Models—Contains a magnificent range of Meccano parts including the new Grab, Baler, a real tempered and ground steel Circular Saw and a new Manual. A distinctive gift Outfit. Price \$17.50

The models illustrated on this page are five examples of what can be done with No. 4x Outfit

Steam Wreck

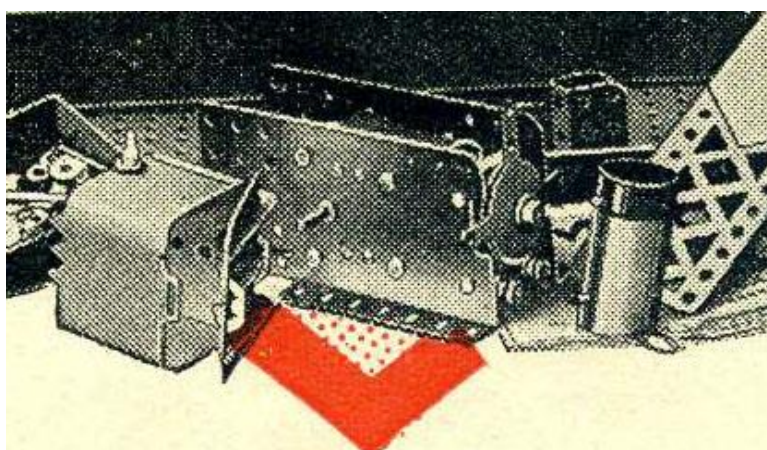
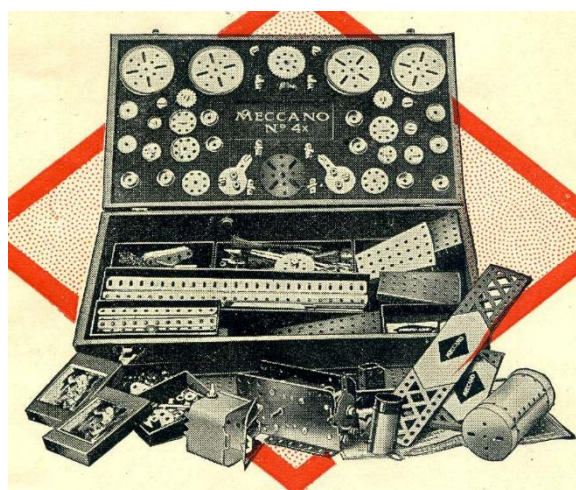
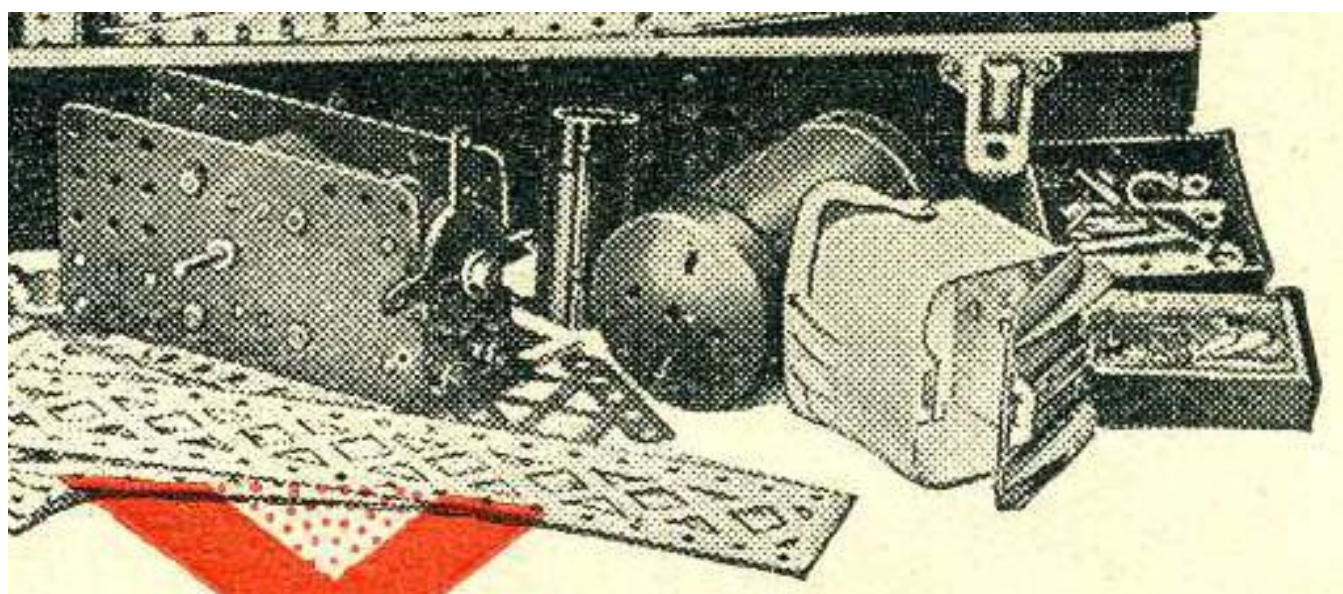
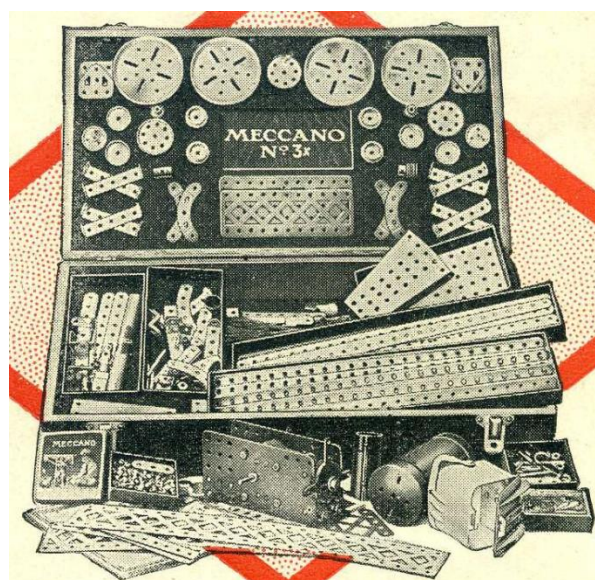
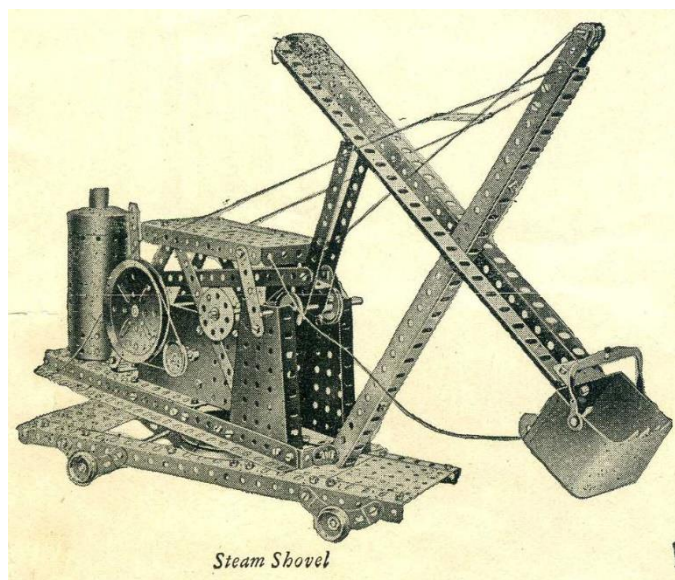
Rotating Crane

Wire Rope Making Machine

Mechanical Crutch

Grab Crane

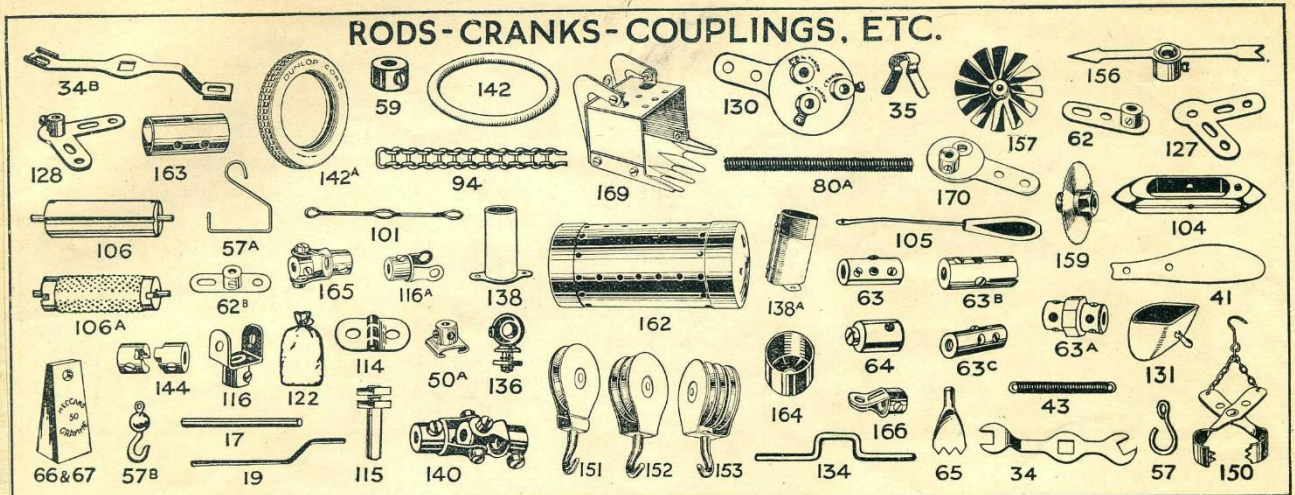




Les photos étant là, ce prototype a certainement existé. Ce modèle, a dû être choisi par Franck Hornby pour se démarquer de la pelle ERECTOR, sans doute avant d'un accord avec Gilbert.



Curieusement, ce même catalogue de 1928 présente en pièces détachées une pelle d'excavateur Meccano N°169 des plus classique.



### Particulars and Prices of Meccano Parts (continued)

No.		\$	No.		\$	No.		\$
106.	Wood Rollers .. .. .	each .40	129.	Rack Segments, 3" diam. ..	each .20	152.	Pulley Blocks, Two Sheaves ..	each .35
106a.	Sand Rollers .. .. .	" .45	130.	Triple Throw Eccentrics ..	" .40	153.	Three .. .. .	.50
107.	Tables for Designing Machines ..	" .25	131.	Dredger Buckets .. .. .	" .10	154a.	Corner Angle Brackets, 1/2", right	1/2 doz. .25
108.	Architraves .. .. .	" .07	132.	Flywheels, 2 1/2" diam. ..	" .75	154b.	Corner Angle Brackets, 1/2" left	" .25
109.	Face Plates, 2 1/2" diam. ..	" .15	133.	Corner Brackets .. .. .	" .05	155.	Rubber Rings, 3/8" .. .. .	each .03
110.	Rack Strips, 3 1/2" .. .. .	" .10	134.	Crank Shafts, 1" stroke ..	" .05	156.	Pointers, 2 1/2" over all, with boss	" .15
111.	Bolts, 3/8" .. .. .	" .02	135.	Theodolite Protractors ..	" .06	157.	Fans, 2" diam. .. .. .	" .15
111a.	" .. .. .	2 for .03	136.	Handrail Supports .. .. .	" .10	158.	Circular Saws .. .. .	" .50
111c.	" .. .. .	doz. .15	137.	Wheel Flanges .. .. .	" .15	159.	Channel Bearings, 1 1/2" x 1" x 1/2"	" .15
113.	Girder Frames .. .. .	each .10	138.	Ship's Funnels .. .. .	" .25	160.	Boiler, complete with ends ..	" .15
114.	Hinges .. .. .	per pair .20	138a.	" Cunard type .. .. .	" .10	162a.	Boiler ends .. .. .	pair .15
115.	Threaded Pins .. .. .	each .05	139.	Flanged Brackets (right) ..	" .10	163.	Sleeve Pins .. .. .	each .12
116.	Fork Pieces, Large .. .. .	" .10	139a.	" (left) .. .. .	" .10	164.	Chimney Adapters .. .. .	" .25
116a.	" Small .. .. .	" .10	140.	Universal Couplings .. .. .	" .30	165.	Spring Bearings .. .. .	" .15
117.	Steel Balls, 3/8" diam. ..	" .50	141.	Wire Lines (for suspending clock	" .15	166.	Roller Bearings .. .. .	12.50
118.	Hub Disc, 5 1/2" diam. ..	" .02	142a.	Dunlop Tires, 2" .. .. .	4 for .75	167.	Roller Races, geared, 192 teeth	" 3.00
119.	Channel Segments (8 to circle,	" .15	142b.	" 3" .. .. .	" .75	167a.	Ring Frames for Rollers ..	" 2.00
120b.	Compression Spring .. .. .	" .03	143.	Circular Girders, 5 1/2" diam. ..	each .30	167c.	Pinions for Roller Bearings, 16 teeth	" .75
122.	Miniature Loaded Sacks ..	" .05	144.	Dog Clutches .. .. .	" .60	168.	Ball Bearings, 4" diam. ..	" 3.00
123.	Cone Pulleys .. .. .	each .50	145.	Circular Strips, 7" diam. over all	" .06	168a.	Ball Races, flanged .. .. .	" .50
124.	Reversed Angle Brackets, 1" ..	1/2 doz. .15	146.	" Plates, 6" .. .. .	" .06	168b.	" geared .. .. .	" .75
125.	" .. .. .	" .10	147a.	Pawls .. .. .	" .06	168c.	Ball Casings, complete with balls	" 1.75
126.	Trunnions .. .. .	each .08	147b.	Pivot Bolt with 2 nuts ..	" .30	169.	Digger Buckets .. .. .	" .75
126a.	Flat Trunnions .. .. .	" .05	148.	Ratchet Wheels .. .. .	" .25	170.	Eccentrics, 1/2" throw .. .. .	" .30
127.	Simple Bell Cranks .. .. .	" .05	149.	Crane Grabs .. .. .	" .25			
128.	Boss Bell Cranks .. .. .	" .10	151.	Pulley Blocks, Single Sheave ..	" .25			