

STEEL BUILDER [1]

Mechanical & Architectural Models

U.S.A.

TYPE

HOLE DIAMETER 3.2mm HOLE SPACING Mainly 25.4mm and multiples

SETS IN SYSTEM Nos 1, 2 & 5

DIFFERENT PARTS 67

COLOUR Dark blue except yellow Plates & Cylinder, red Large Wheels, nickel slides, dull grey Connectors, Brackets & small Wheels

FIXING METHOD Nut and Bolt (4-36) and some parts push together or are joined by a sliding Clip

MOTORS 110V Motor

PERIOD 1934 to known in 1938

MANUFACTURER Steel Builder Company Inc., 2-24 Orange Street, Newark, New Jersey. USA
Division of Acme Metal Goods Manufacturing Co.

COMMENTS The system has an unusual type of slide fastener, similar to a hair-grip. As the panel are 'even' lengths they have a central hole, but other sets of the same system have been seen without this situation. There are some very unusual parts.
Page 7a is taken from a Supplement to the manual

OTHER SYSTEMS 20/557, 20/562, 23/682

NEWSLETTER

MATERIAL SUPPLIED BY Dr. Laukaitis via Don Redmond.

Note: This is a rear cover of the manual.

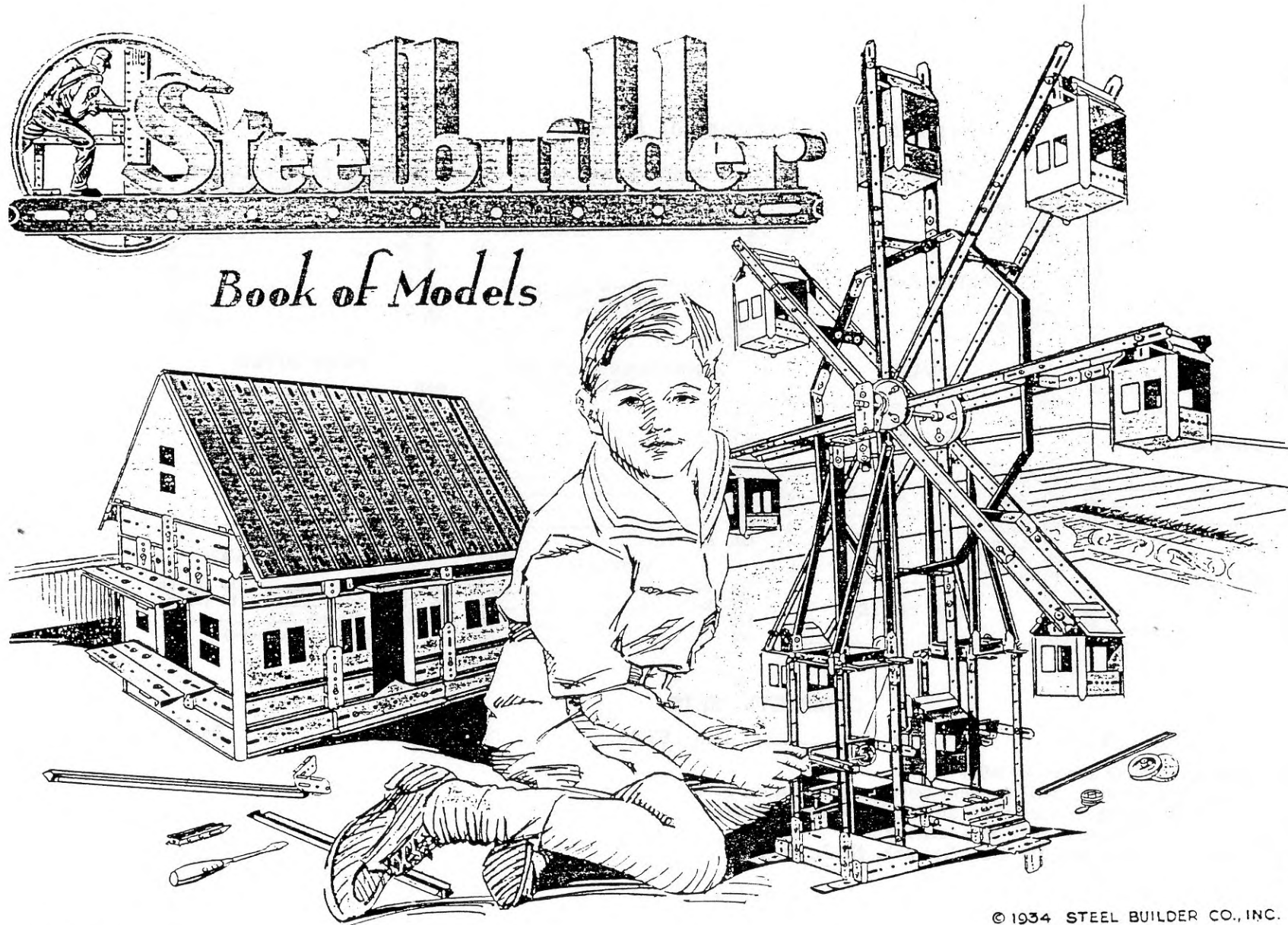


STEEL BUILDER COMPANY, Inc.
2-24 Orange Street, Newark, N. J.

Division of
ACME METAL GOODS MFG. CO.

Steelbuilder

Book of Models



MADE IN U.S.A.

© 1934 STEEL BUILDER CO., INC.

STEELBUILDER: X1.3a

Price List – (Individual Pieces)

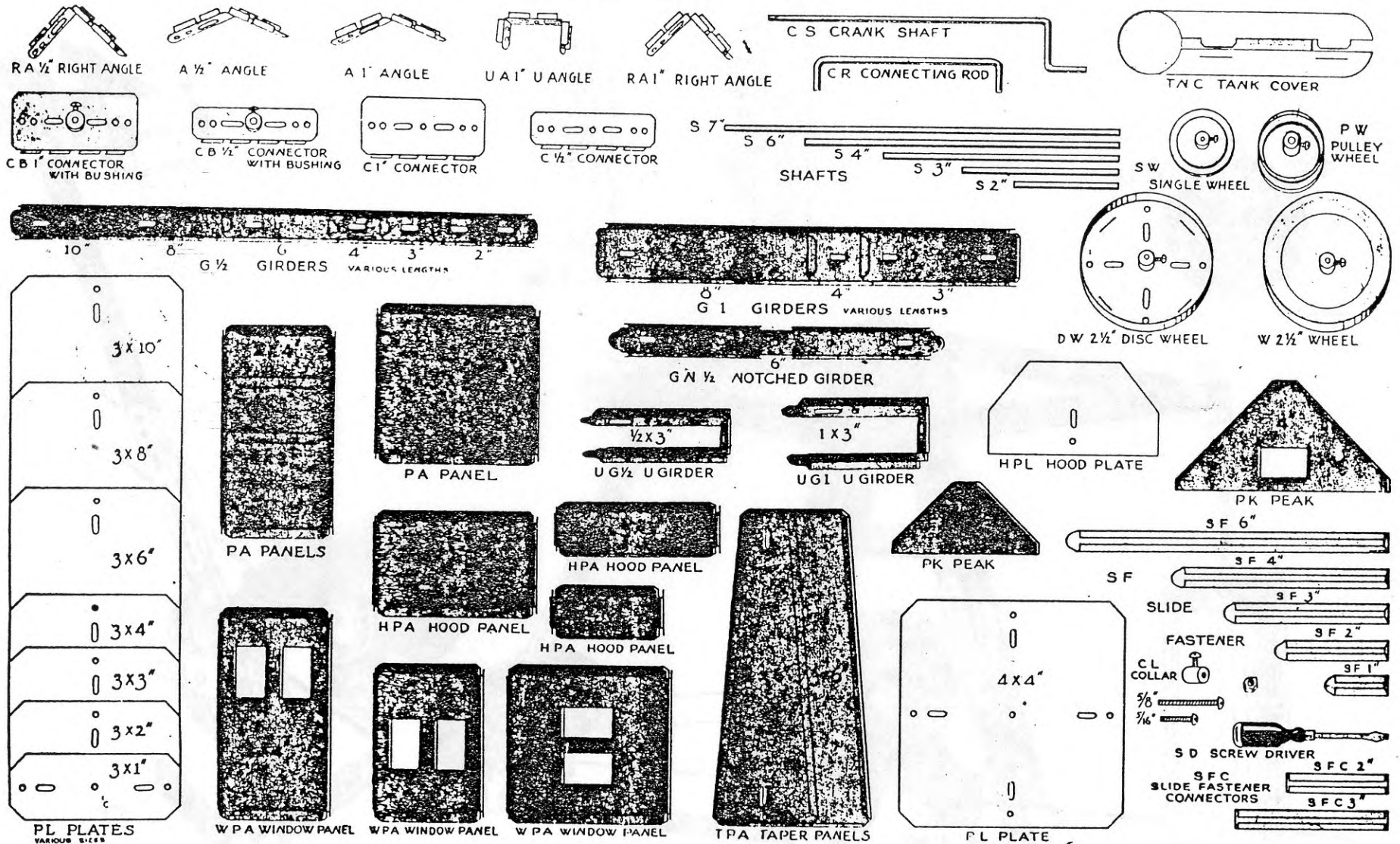
GIRDERS		HOOD PANELS		SLIDE FASTENERS		SHAFTS, CRANK SHAFT, CONNECTING ROD	
G 1 x 8" _____	6c	HPA 3x2" _____	3c	SF 6" _____	2c	S 7" _____	1c
G 1 x 4" _____	4c	HPA 3x1" _____	3c	SF 4" _____	2c	S 6" _____	1c
G 1 x 3" _____	4c	HPA 2x1" _____	3c	SF 3" _____	1c	S 4" _____	1c
UG 1 x 3" _____	5c			SF 2" _____	1c	S 3" _____	1c
G ½x10" _____	6c			SF 1" _____	1c	S 2" _____	1c
G ½x 8" _____	4c	TAPER PANELS		SLIDE FASTENER CON- NECTORS		CS _____	1c
G ½x 6" _____	3c	TPA 3x6" _____	3c	SFC 3" _____	1c	CR _____	1c
GN ½x 6" _____	3c	TPA 2x6" _____	3c	SFC 2" _____	1c		
G ½x 4" _____	3c					TANK COVER	
G ½x 3" _____	3c	PEAKS		CONNECTORS, ANGLES, ETC.		TNC _____	3c
UG ½x 3" _____	3c	PK 4" _____	3c	C 1" _____	2c	SCREW DRIVER	
G ½x 2" _____	3c			C ½" _____	2c	SD _____	5c
		PLATES		RA ½" _____	2c	COLLAR	
PANELS		PL 4x 4" _____	5c	RA 1" _____	2c	CL _____	3c
PA 3x3" _____	3c	PL 3x10" _____	6c	A 1" _____	2c	NUTS AND SCREWS	
PA 2x4" _____	3c	PL 3x 8" _____	5c	A ½" _____	2c	½" with nuts _____	10 for 5c
PA 2x3" _____	3c	PL 3x 6" _____	5c	UA 1" _____	2c	⅝" with nuts _____	10 for 5c
PA 2x2" _____	3c	PL 3x 4" _____	4c	CB 1" _____	4c	Book of Models _____	15c
		PL 3x 3" _____	4c	CB ½" _____	4c	(with instructions)	
WINDOW PANELS		PL 3x 2" _____	3c	WHEELS			
WPA 3x3" _____	3c	PL 3x 1" _____	3c	DW 2½" _____	5c		
WPA 2x3" _____	3c	HOOD PLATE		W 2½" _____	5c		
WPA 2x3" _____	3c	HPL _____	3c	PW _____	3c		
				SW _____	3c		

COMPLETE SETS

No. 1 _____ \$1.00 No. 3 _____ \$3.00 No. 5 _____ \$5.00

Minimum amount of order — 50c.
 Orders for 50c or more will be sent postage paid in U. S. A.
 On orders amounting to less than 50c add 10c for postage.
 Money orders or stamps will be accepted.
 Mail orders to Steel Builder Co., Newark, N. J., U. S. A.

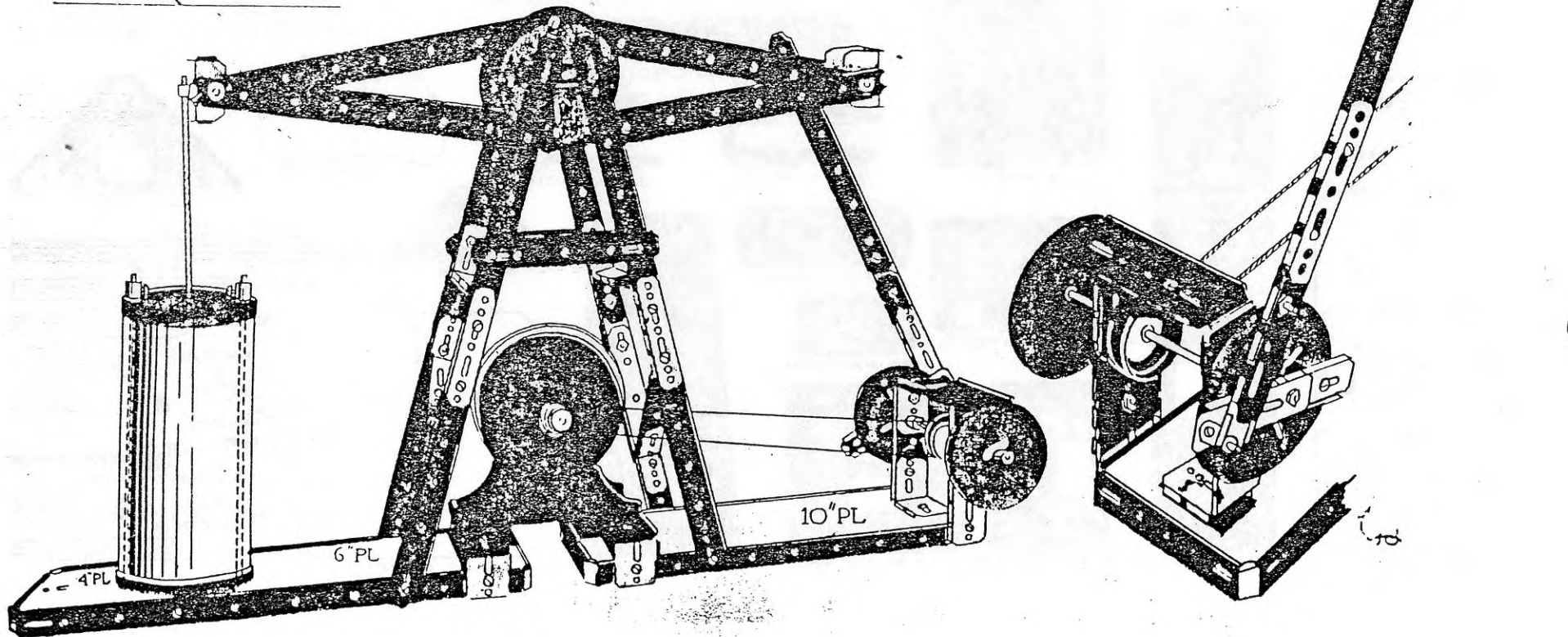
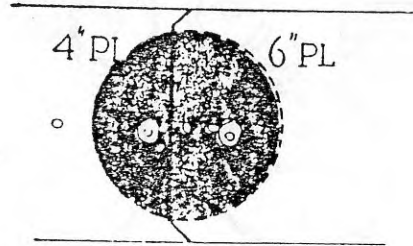
List of Parts used in your Steel Builder Sets

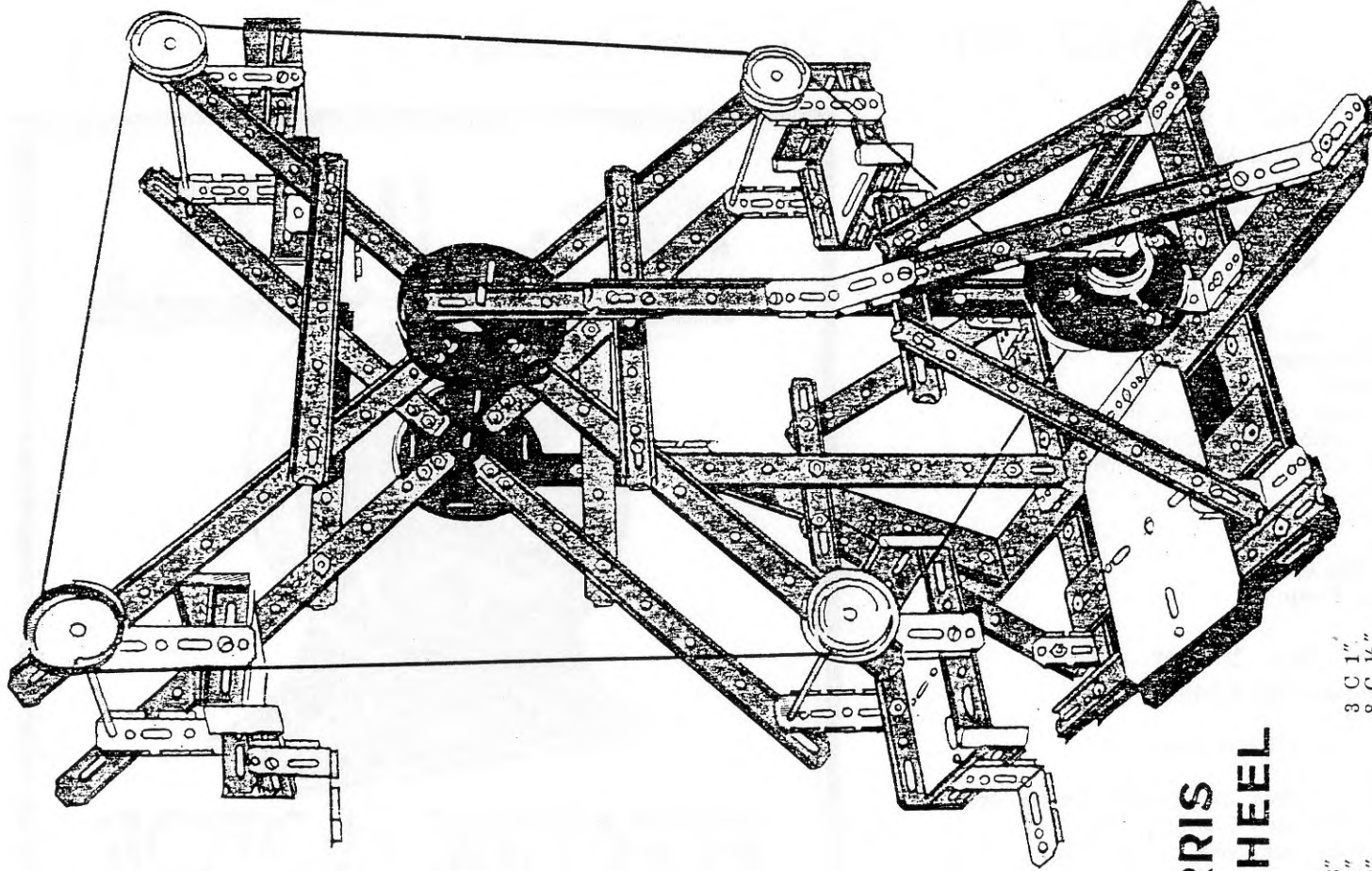


BEAM ENGINE

- | | |
|-------------|-------------|
| 2 G 1x4" | 3 RA 1" |
| 3 G 1x3" | 8 RA 1/2" |
| 4 G 1/2x10" | 4 A 1/2" |
| 8 G 1/2x8" | 2 UA 1" |
| 9 G 1/2x6" | 5 DW 2 1/2" |
| 4 G 1/2x4" | 1 W 2 1/2" |
| 8 G 1/2x3" | 1 PW |
| 2 G 1/2x2" | 2 S 7" |
| 1 PL 3x10" | 1 S 6" |
| 1 PL 3x6" | 2 S 4" |
| 1 PL 3x4" | 1 S 2" |
| 8 SF 1" | 10 CL |
| 1 C 1" | 1 TNC |
| 7 C 1/2" | |

Made with No. 5 Set





FERRIS WHEEL

- | | |
|-------------|-------------|
| 4 G 1x8" | 3 C 1" |
| 4 G 1x4" | 8 C 1/2" |
| 4 G 1x3" | 4 RA 1" |
| 4 G 1/2x10" | 6 RA 1/2" |
| 8 G 1/2x8" | 3 A 1/2" |
| 8 G 1/2x6" | 2 A 1" |
| 1 GN 1/2x6" | 4 DW 2 1/2" |
| 4 G 1/2x4" | 1 P Disc |
| 8 G 1/2x3" | 4 FW |
| 4 G 1/2x2" | 3 SW |
| 1 PL 4x4" | 1 S 7" |
| 2 PL 3x3" | 4 S 4" |
| 8 SF 1" | 1 S 3" |
| 8 SF 2" | 10 CL |

Made with No. 5 Set

LIST OF MODELS THAT CAN BE DRIVEN WITH MOTOR (in book of Models)

No. 1 Set

Wind Mill
Drill Press
Air Swing

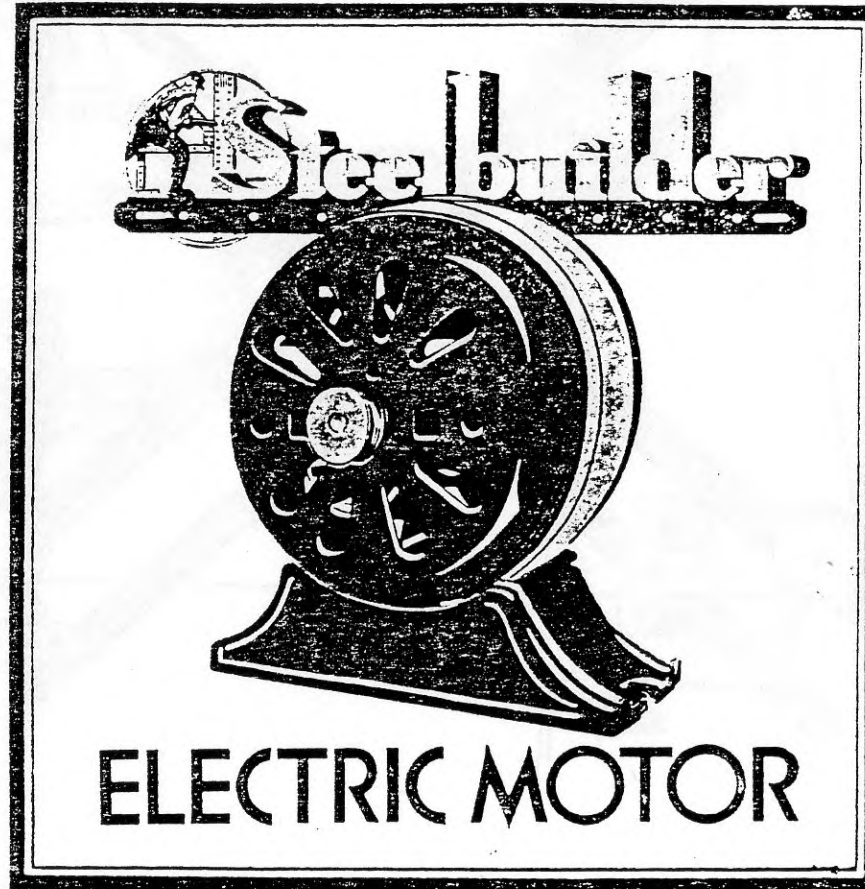
No. 3 Set

Lathe
Revolving Crane (with Friction Drive)
Airport Indicator
Trip Hammer
Steam Shovel (with Friction Drive)
Tow Car (with Friction Drive)
Traveling Crane (with Friction Drive)
Wind Mill
Sand Wheel
Air Ride
Portable Pile Driver
Stationary Pump

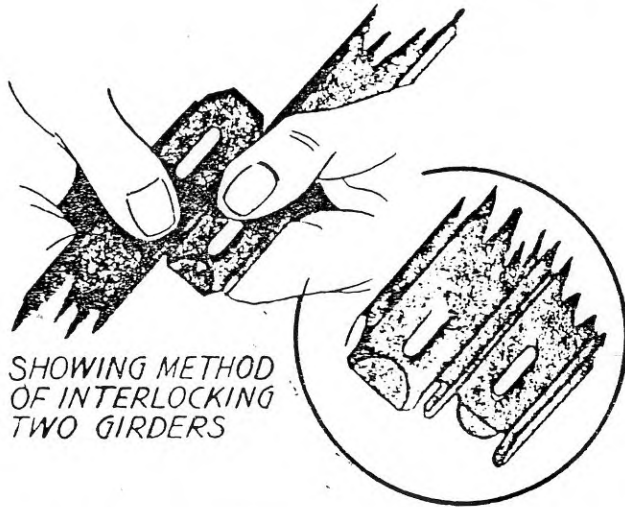
No. 5 Set

Steam Shovel (with Friction Drive)
Printing Press
Derrick (with Friction Drive)
Airplane
Overhead Traveling Crane (with Friction Drive)
Overhead Traveling Crane
(with Friction Drive)

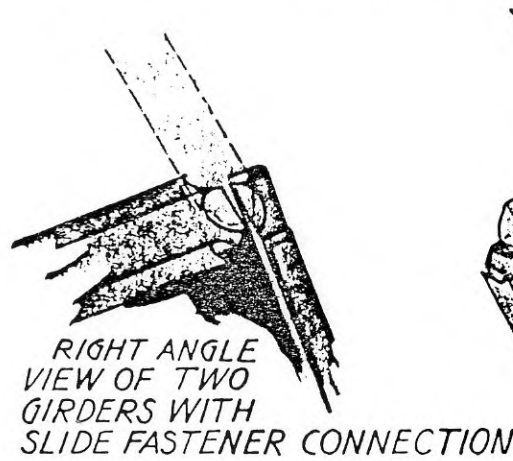
STEEL BUILDER CO., Inc.
NEWARK, N. J., U. S. A.



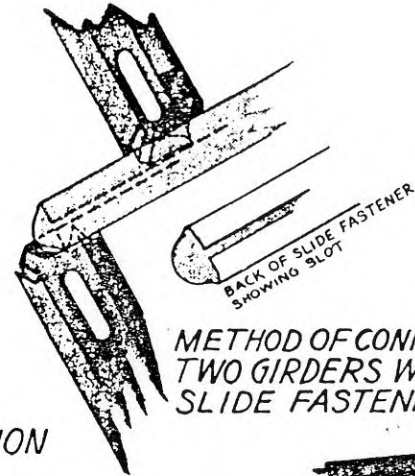
Showing how Girders, Plates, Panels and Slide Fasteners are connected



SHOWING METHOD OF INTERLOCKING TWO GIRDERS



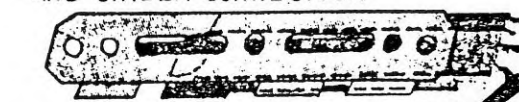
RIGHT ANGLE VIEW OF TWO GIRDERS WITH SLIDE FASTENER CONNECTION



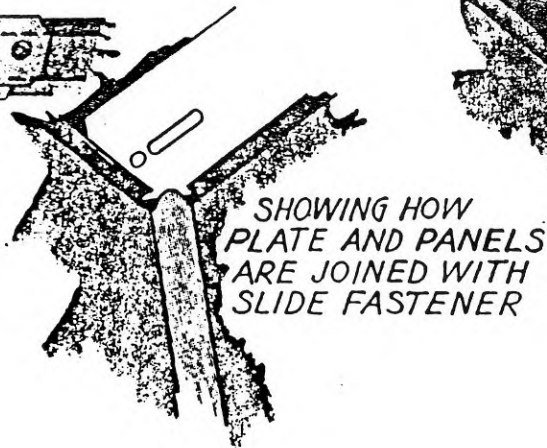
METHOD OF CONNECTING TWO GIRDERS WITH SLIDE FASTENER



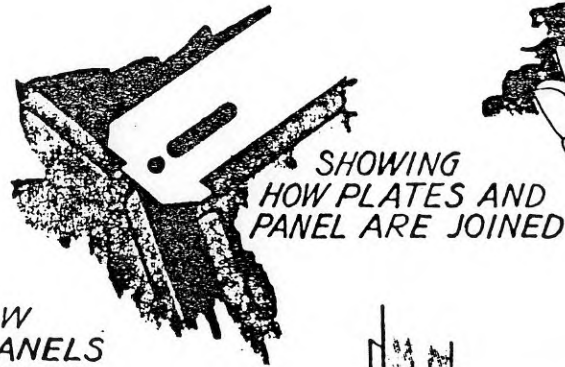
BOTTOM VIEW SHOWING CONNECTOR AND GIRDER CONNECTION



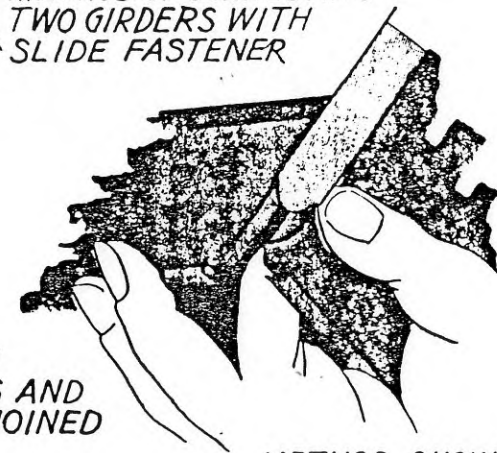
TOP VIEW SHOWING CONNECTOR AND GIRDER CONNECTION



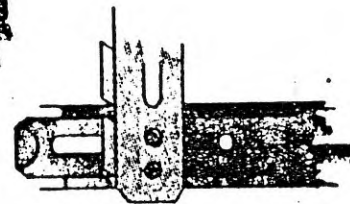
SHOWING HOW PLATE AND PANELS ARE JOINED WITH SLIDE FASTENER



SHOWING HOW PLATES AND PANEL ARE JOINED



METHOD SHOWING CONNECTION OF TWO PANELS WITH SLIDE FASTENER



METHOD OF CONNECTING GIRDER AND CONNECTOR FOR RIGHT ANGLE

