Hand Hay Baler Plans

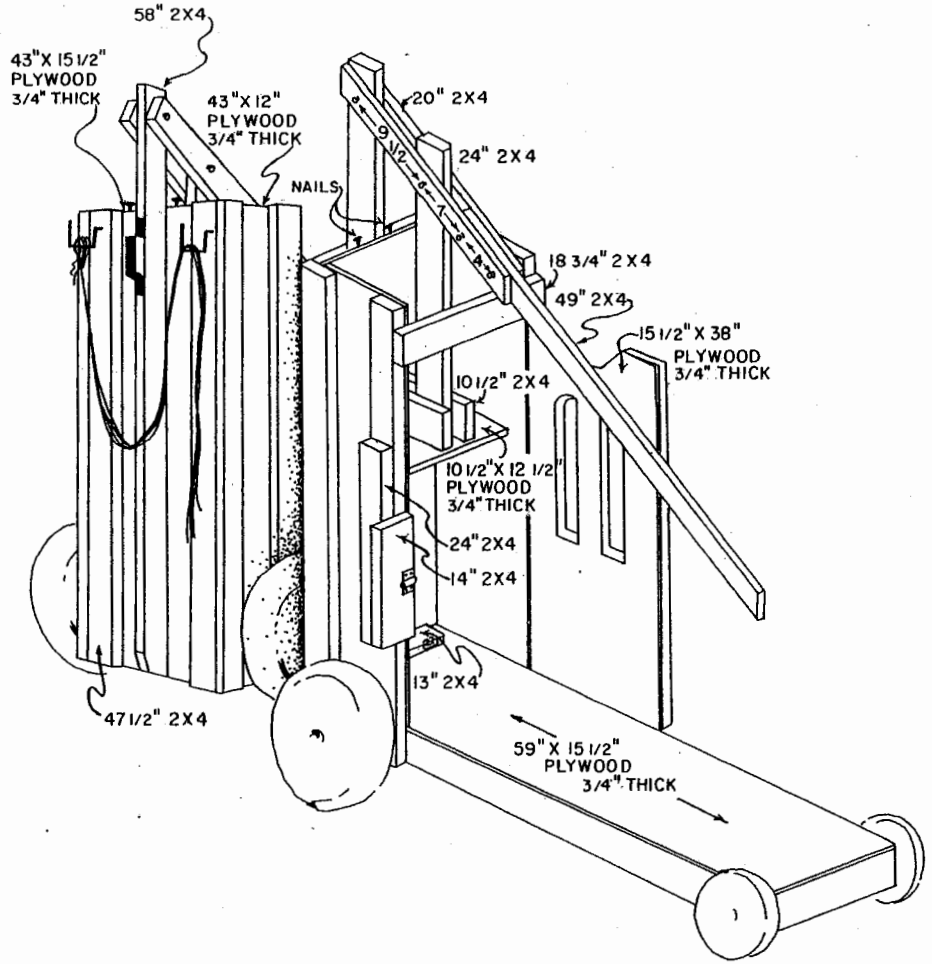
(from the 'East Texas Pine Straw' Website)

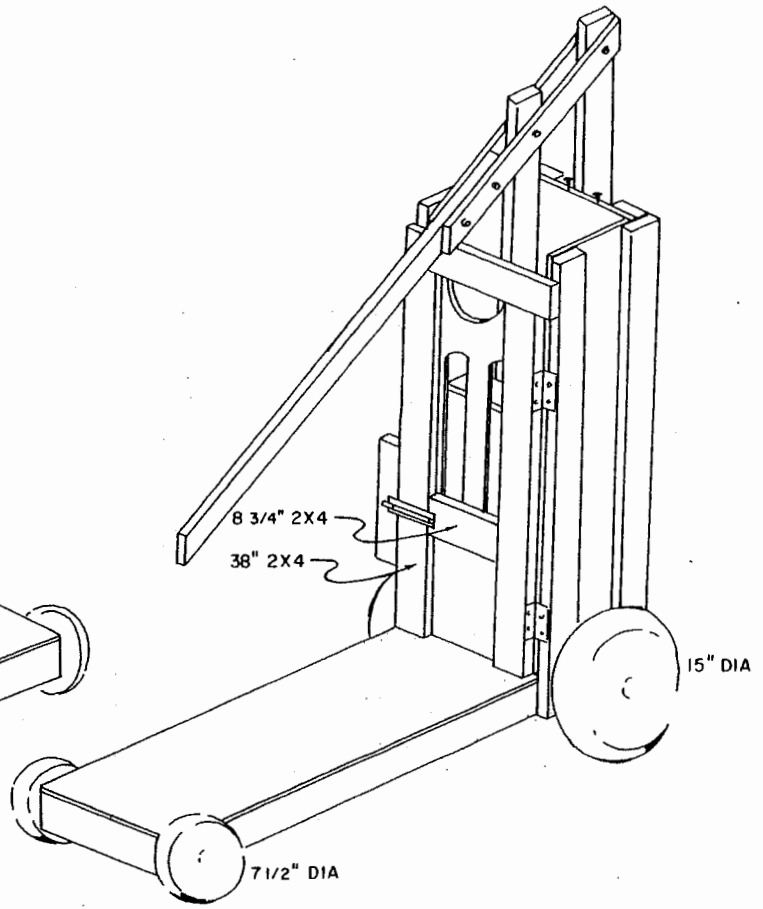
Part	Description	Stock (inches)	Length (inches)
A	Handle	2 x 3	50
B	Lever bolt 1-2 bolt 2-3	 2 x 3 2 x 3	 9.5 7.0
C	Compressor Arm	2 x 4	24
D	Compressor Pad	1/2 plywood	10.5 x 12.5
E	Pad supports	2 x 4	10.5
F	Lever fulcrum	2 x 4	20
G	String holder see Fig. A-2	Nails	2.5
H	Front brace	2 x 2	18
I	Plywood sides Plywood back	1/2 plywood 1/2 plywood	43 x 12 43 x 15.5
J	Corner Supports	2 x 4	43
K	Door	1/2 plywood	15.5 x 38
L	String retainers see Fig. A-3	I-bolts	1
M	Deck	1/2 plywood	59 x 15.5
N	String	nylon	

Figure A-1. Illustration of a typical, easy to construct hand-powered, box baler showing the main components.

Figure A-2. A rear view of the top of a box baler showing the nail used to hold the baling string in place as pine straw is loaded into the baler.

Figure A-3. A view of the four eye-bolts at the bottom of the baler that are important to hold the string in the proper alignment as the pine straw is loaded and compressed.





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PINE STRAW BALER

ENGINEER	SCALE IN INCHES
DRAWN BY NICHOLS	SHEET 1 OF 1
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