

Shooting Bench Plans

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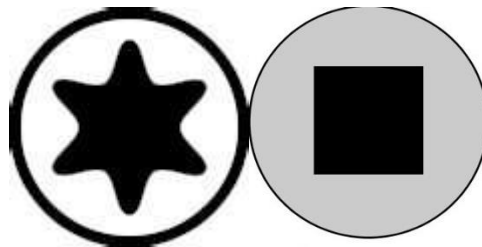


Tools needed:

- Circular saw (unless you can get your lumber supplier to cut everything)
- Drill
- Screwdriver or bit to fit drill
- Square
- Level
- Tape Measure
- Pencil
- File, Rasp, or Sander for smoothing rough cut edges
- Eye & Ear Protection
- Hole saw (only needed if you want to add the rifle rest)

Materials needed:

- All lumber needs to be as straight and smooth as possible.
- Pressure treated wood is highly recommended. It will greatly increase the life of your shooting bench.
- (1) 6x6x8'
- (6) 2x6x8'
- (4) 5/4 x 6x8' decking boards
- 2 pounds 3" deck screws. Torx (star) or square head are recommended.
- 1 Pound 2" deck screws. Torx (star) or square head are recommended.



This bench can be built by one person, but a second set of hands makes it much easier.

You should pre-drill all holes before running in the screws to keep the wood from splitting.

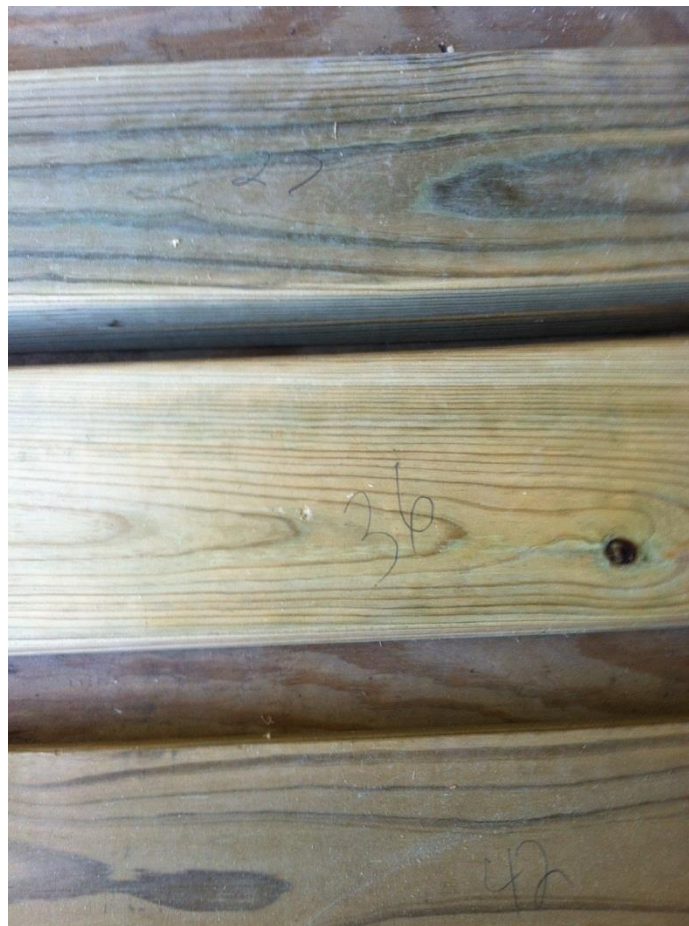
All the deck boards and the rifle rest screws should be countersunk to avoid them from ever coming into contact with your firearms and marring their finish.

I use Torx head deck screws whenever possible, they cost a little more but you won't have problems with the bit spinning and rounding the heads like you do with traditional Phillip head screws.

Here is a breakdown of how the wood needs to be cut.
 This is not to scale. It is just a visual of what you will cut from each board.
(I find it helpful to put a check mark next to each piece as I cut them)

60		36			2x6x8	
60		36			2x6x8	
27	27	18	9	9	2x6x8	
51		42			2x6x8	
51		17 1/4	17 1/4	7 3/8	2x6x8	
17 1/4	17 1/4	14 7/8	7 3/8	30	2x6x8	
36	36		18		5/4x6x8 Deck Boards	
36	36		18		5/4x6x8 Deck Boards	
36	18	18	10	10	5/4x6x8 Deck Boards	
36" x 2 3/8	10	10	10	10	10	5/4x6x8 Deck Boards
18" x 2"						
32	32		32		6x6x8	

** I have also found that writing on each board as I cut them and stacking them accordingly greatly speeds up the assembly process.**



Assembly directions:

1. Layout the table top as shown below and screw together with 3" screws.



2. Now attach the 3 legs and 3 braces as shown below with 3" screws.



3. Now flip the table over and stand it on its legs.

You may want to get some help with this as the bench is getting pretty heavy at this point.

4. Now attach the decking boards to the top to make the table surface using the 2" screws.

Be sure to sink the screws into the wood just a little to avoid damage to items laid on its surface in the future.

On a couple of benches I found that I did not need the small strips (36" x 2 3/8 and 18" x 2") when working with treated wood.



5. Now take the (4) 2x6's cut to 17 1/4 and screw them together as shown below to make the 2 legs for the seat.



6. Now take the 2 seat legs you just made and the (2) 2x6's cut to 60" and the (1) 2x6 cut to 42". And assemble the seat assembly as shown below. I have my legs set in 15" from the outsides (on the top board) as it seems to line up nicely under the shooter, but you can put them anywhere you want under there.

I have found that it can be easier to pre assemble the seating unit and then attach it to the bench. This can be done by assembling everything but the front 60" board. Then you can put the seat in place and put the front 60" piece in place and screw everything to the rear leg. If you have a second person you can put it all together then tip the bench forward and slide the seat assembly into place.



7. Now attach the front brace as shown below.



8. Now attach the 5/4 decking boards to the seating unit with the 2" screws. I try to make them flush across the back which will create a little overhang in the front.



9. Now take the 30" 2x6 (should be the only piece left ☺) and draw a line down the center. The center should be 2 ¾" in from the sides.



10. Now put marks down the line where you want the rifles to rest. I start mine at 3" in and every 3" from there. They should be at 3-6-9-12-15-18-21-24-27 for a total of 9 holes.



11. Now drill the 9 holes. I typically use a 1 3/4 hole saw for mine.



12. Now cut the board down the center.



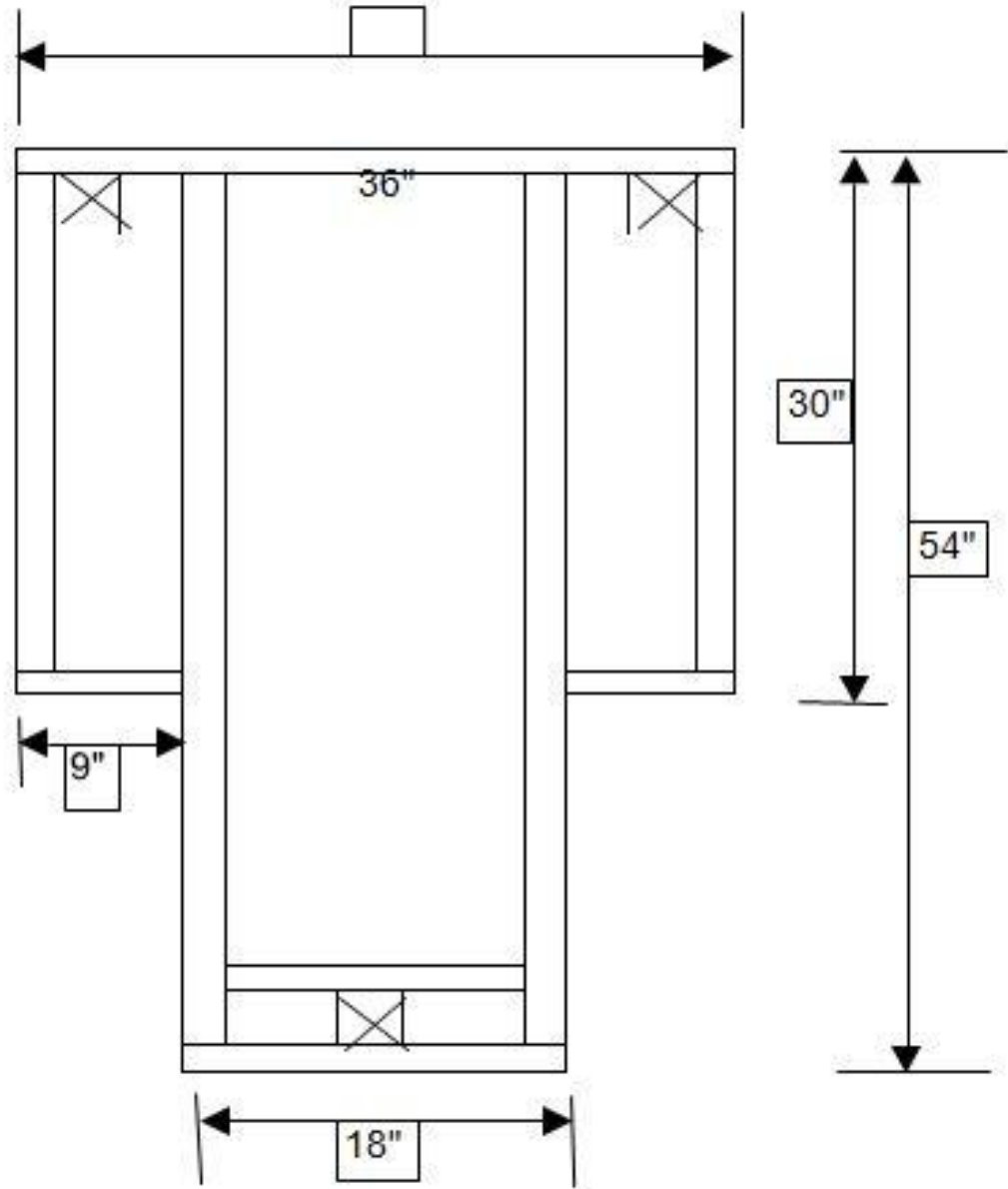
13. Next mount it to both sides of the bench with 3" screws.
Be sure to sink the screws into the wood just a little to avoid damage to your gun barrel.

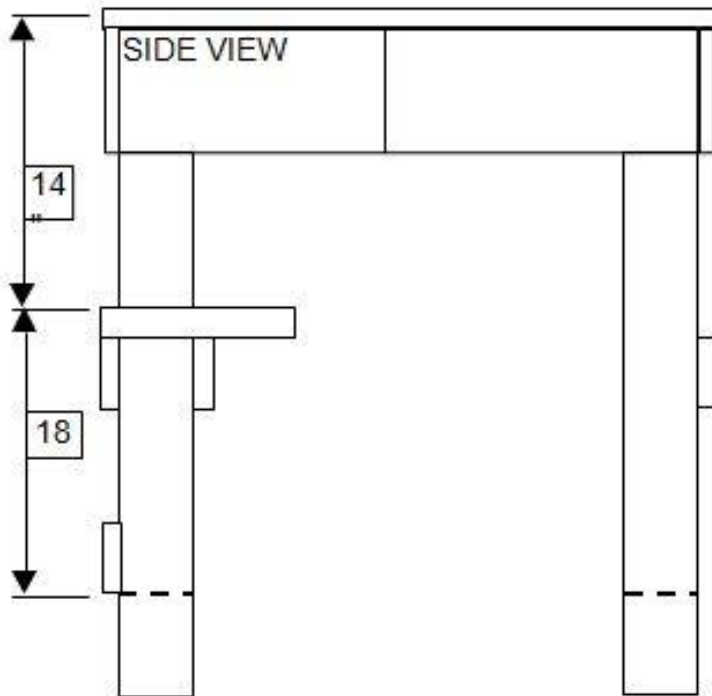
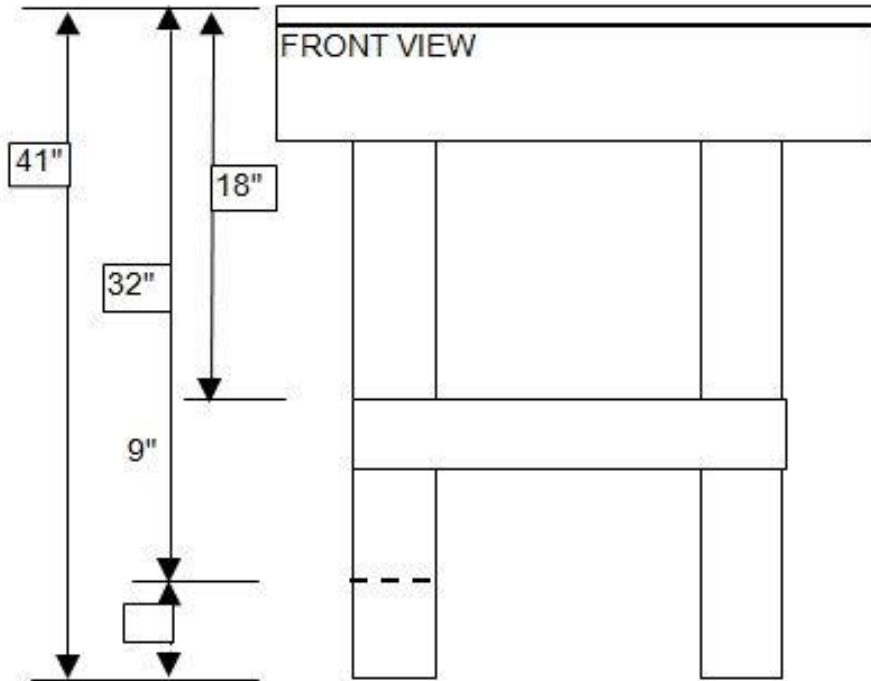


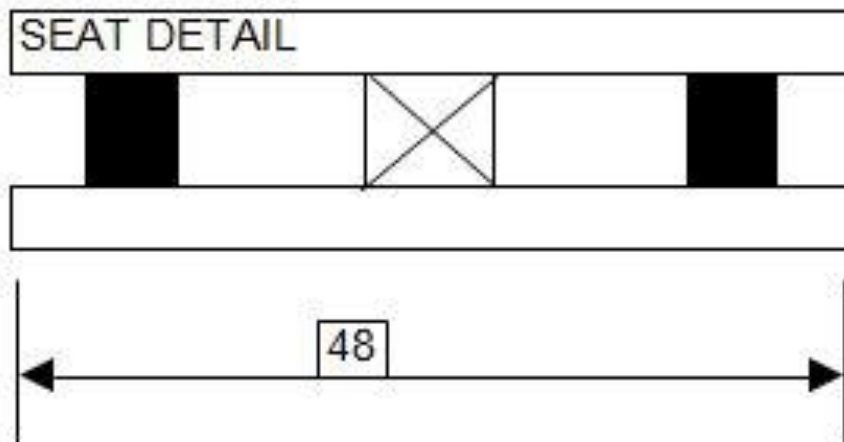
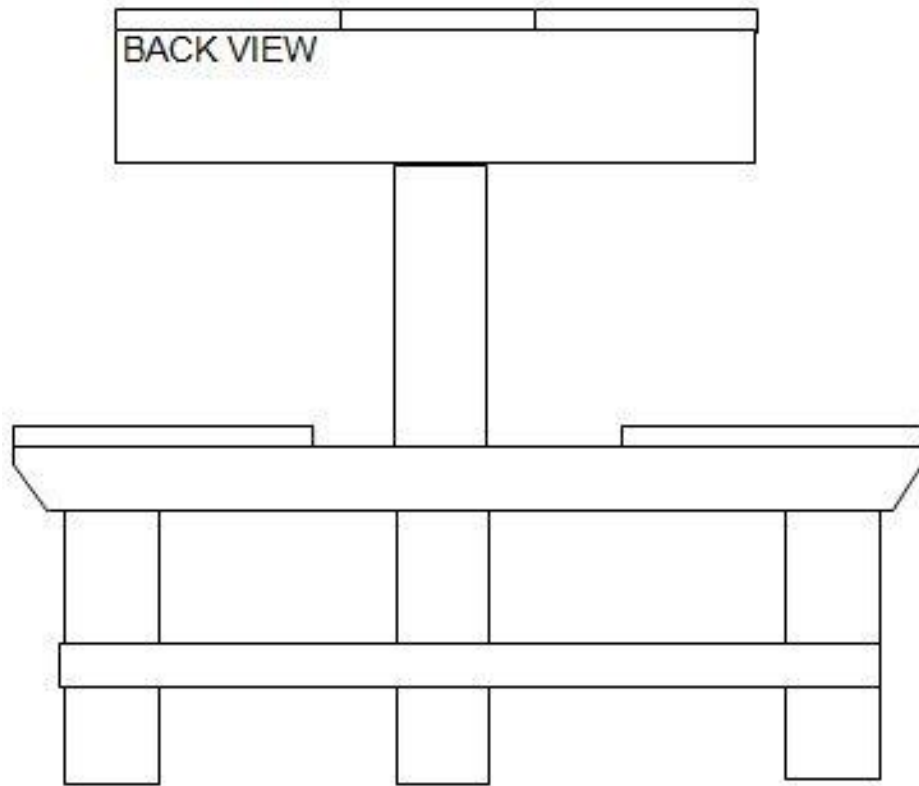
The finished product!



Top View











Thank you for your purchase.
Please feel free to contact us at sales@mrdingy.com if you have any questions or comments.

