Arch Well 1m Butt – Archery Target Stand Instructions

These instructions will set the target centre at ca. 90cm from the ground - a good compromise for Field Archers/3D archers between having a low target and comfort for pulling arrows.

For target archers the legs should be made longer to reach a target centre of 130cm.

Please note that strong wind can blow the target over and you may want to fix legs to the ground.

We also fashioned a cover from a tarp to protect the target butt from NZs strong UV while not in use.

Material:

Timber:

All timber should be treated 90 x 45 framing.

Front legs: 2 *1400

Top and Bottom beam: 2 * ca. 1000 (read instructions before cutting!)

Rear legs: 2 * 1200

Rear Cross bar: 1 * 1200

Screws:

Pre-drill for all screws!

8 * 14g x 75 Batten Screws

4 screws for rear crossbar, min. 65

2 screws for rear legs that allow swivelling

Other:

Rope ca. 1m

Tools

Drill, Screwdriver, Measuring tape, pencil, 2 to 4 ratchet straps, 2 clamps

Construction:

1. Measure the actual width of your target
2. Cut the top and bottom beam to 5mm shorter than actual target width
3. Drill a hole in the center of the bottom beam to attach the rope through later
4. Center top and bottom beam on top and bottom of target
5. Fix with ratchet straps and pull tight to squeeze in target from top and bottom

6.
7. Screw on front legs on each side, make sure there are no gaps – another set of ratchet straps can be helpful. As the top and bottom beams are 5mm shorter than the target width this squeezes the target between the legs.
8. Measure 300mm from the top on front leg and mark it. Line up marking with rear leg and screw one screw 40mm from top into the exact centre.
9. Repeat on other side.
10. Clamp rear legs to front legs in preparation to screw on rear cross beam

11.
12. Screw on rear crossbeam
13. Drill a hole into the centre of crossbeam
14. Open target legs and stand up on ground to an angle of your liking. Feed rope through both holes and tie a thick knot on each side to stop target from opening further.

Done 😊