STEP BY STEP BUILD
VIDEO AVAILABLE AT
ABONG.COM

YouTube

Difficulty Rating
EASY

You will need:
Sandpaper
Weight
Scissors
Glue

MINI TREBUCHET
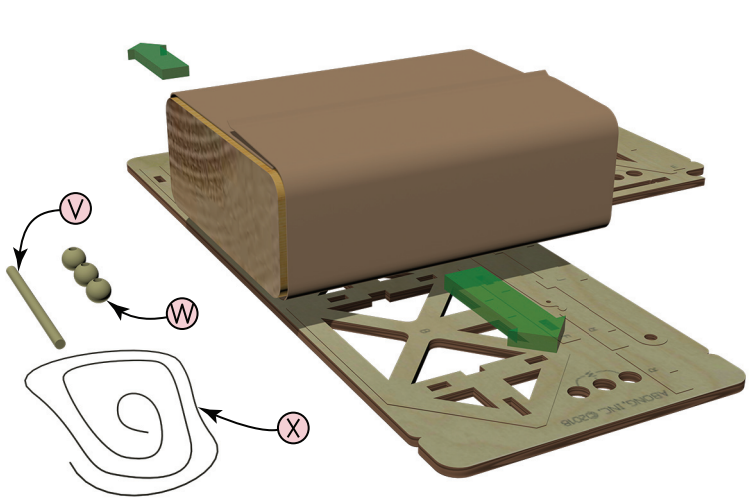
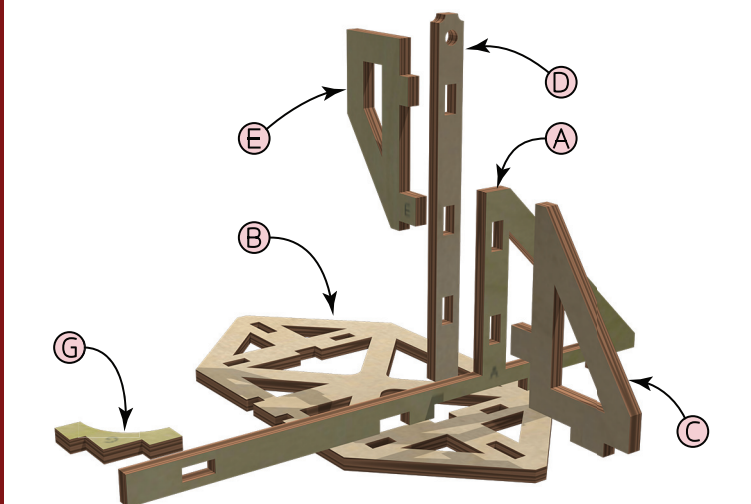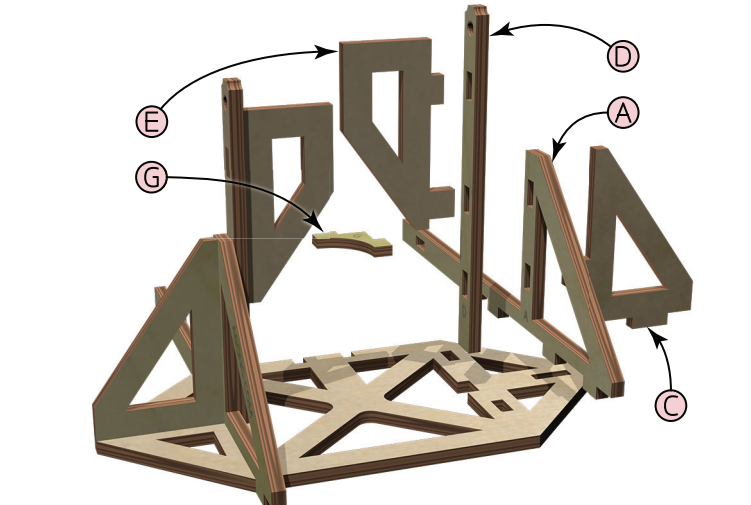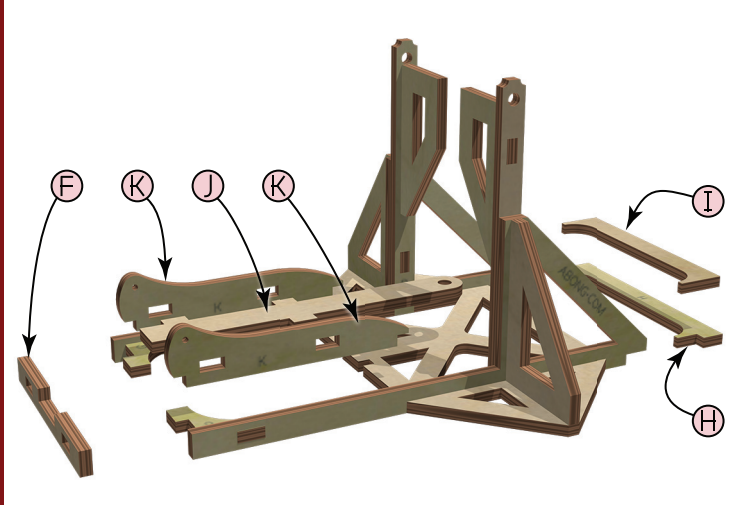**1** Remove and set aside the Axle (V), Ammo (W), and the Cord (X). Sand both sides of the carrier boards first with 150 grit and then 220 grit sandpaper.


2 Glue a Corner Brace (G), an Outer Gantry Brace (C), and a Gantry Upright (D) to a Side Frame (A). Glue the side frame to the Base (B) and the Inner Gantry Brace (E) to the side frame.
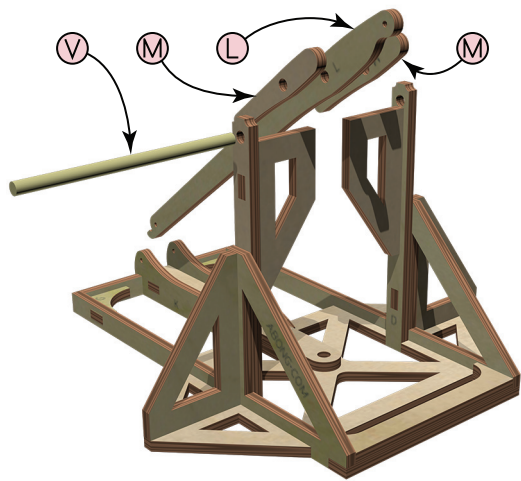

3 Mirror Step 2 for the opposite side.

4 Join the Front Frame parts (H, I) together and glue it in place. Glue the End Frame (F) to the corner braces. Assemble the trough using the two Sides (K) and a Bottom (J). Glue the trough to the base and frame.
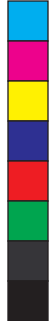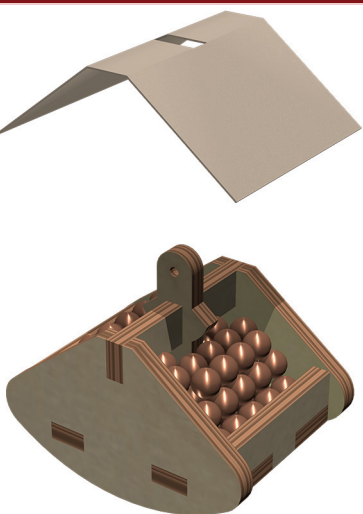
5 Glue the Cheek Pieces (M) to the Throwing Arm (L), ensuring the holes are aligned. Slide the Axle (V) through the uprights and throwing arm. Glue the axle to the gantry braces.
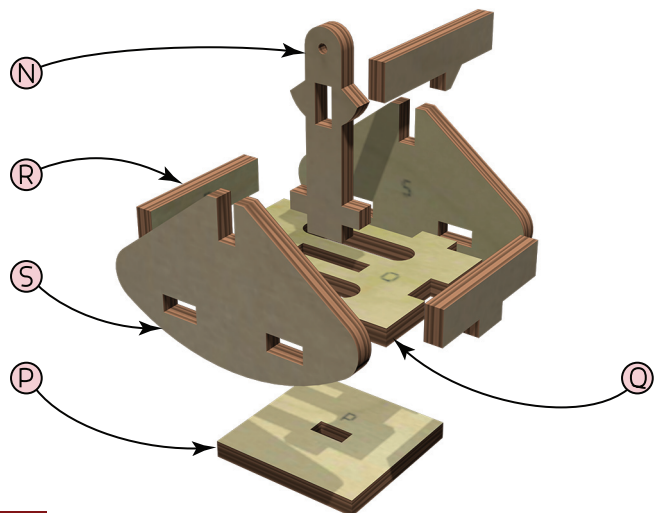
6 Glue the Counterweight Bar (N) to the Base Plate (P) and Floor (Q). Glue the End Frames (R) and Cross Bar (T) in place. Glue the Side Frames (S) to the assembly.

BONUS

7 Add weight (not included) to the counterweight. Use BBs (shown), fishing weights, coins, or other metal. Visit ABONG.COM for a bonus template and instructions to make a counterweight cover!
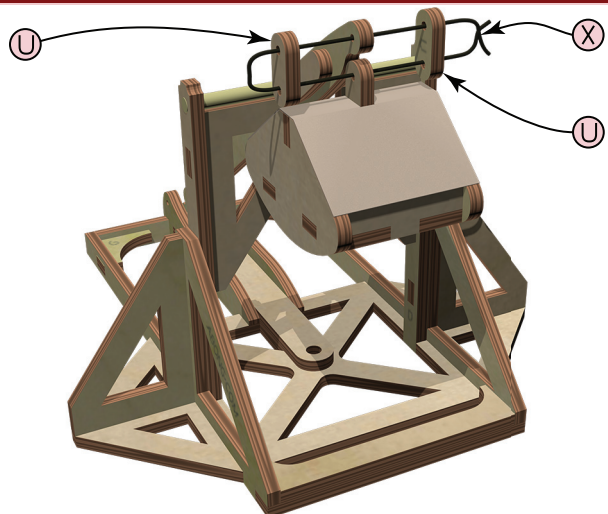
8 Thread Cord (X) through the Link Plates (U), throwing arm, and counterweight as shown. Knot the cord tightly against the link plate, and "sieze" the knot with a drop of glue. Trim any extra cord with scissors.
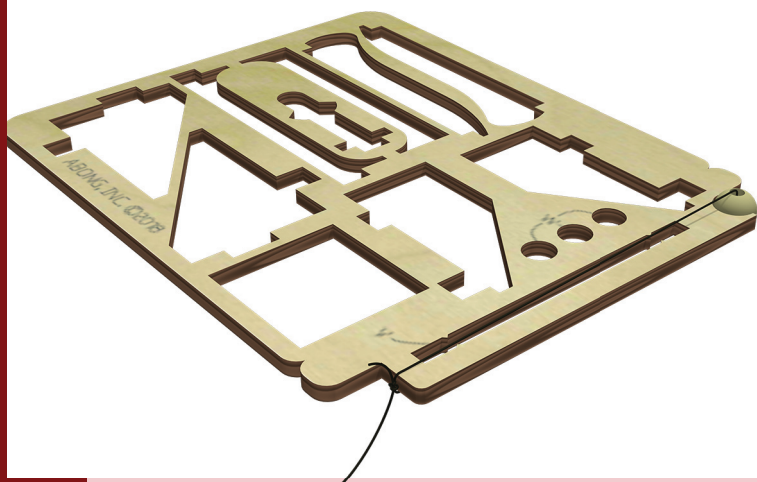
9 Use the template on the smaller carrier board to prepare the ammo. Thread cord through the bead and tie it as shown. "Sieze" the knot with a drop of glue and trim any extra cord with scissors.

10 Load the ammo as shown and use a straightened paper clip for the trigger.