You will also need:

- 20 mm Screw
- 10 mm Spring
- 50 mm Spring
- Binding Post
- Nylon Washer
- Machine Nut
- Phillips Screwdriver
- 220 grit Sandpaper
- 14 mm Screw
- 10 mm Spring

Component Information:

- Wooden top (cut from 3-ply, birch veneer plywood)
- Laser-cut to extreme precision, so each piece fits together snugly.
- The parts are also laser-marked to make assembly as simple as possible.
- The wood is 3-ply, birch veneer plywood.
- You'll also be making a pinball-style ball shooter and a spring-loaded plunger.
- The spring-loaded plunger will aim and launch the balls.
- The target has rims for certain holes and different point values for each hole.
- Strategy tip: It's a good idea to roll the ball into the holes worth more points.
- The target has rings that will funnel the ball back down to the top when pulled and right when released.

Step 1: Ball Sorter

- Locate the ball sorter or the ball return.
- Use the handy diagram above to locate and install each piece.
- Make sure the ball sorter is fixed in place.
- Pro-tip: A-7 pieces (opposite of C-3). Use the sandpaper to smooth holes on top.
- Be sure that it is fixed in place.
- The remaining A-7 pieces. Use the hardware and a machine nut, tighten C-4 into place.
- Use the sandpaper to smooth both slots on C-1 and C-2 that are in line with the larger slots on C-3.
- This should be a snug fit. If it's even a little tricky, you may need pliers to tighten the locking nut.
- It should hold everything in place while still allowing the assembly to rotate freely.
- The top and bottom of the ball sorter should already fit snugly, but if you don't have to solidify your build anytime soon, consider using glue.

Step 2: Shooter

- Make sure the shooter assembly is aligned with the pockets cut-outs in B-2.
- Align the parts as shown. Use the hardware and a machine nut, tighten C-4 into place.
- The remaining B-2 pieces.
- Align the parts as shown. Use the hardware and a machine nut, tighten C-4 into place.
- The remaining B-2 pieces onto the ball return.
- Secure the remaining A-7 pieces (opposite of C-3).

Step 3: Ball Return

- Make sure the bumper, upper holes in the spring, and right when pulling and releasing the balls from getting stuck.
- Using glue, adhere these corner holes to prevent the balls from getting stuck.
- The remaining B-2 pieces onto the ball return.
- Secure the remaining A-7 pieces (opposite of C-3).

Step 4: Target

- Make sure the target is aligned with the pockets cut-outs in B-2.
- Align the parts as shown. Use the hardware and a machine nut, tighten C-4 into place.
- The remaining B-2 pieces onto the ball return.
- Secure the remaining A-7 pieces (opposite of C-3).
**DESKTOP SKEE-BALL**

Set up your Skee-Ball and start playing! Get your friends and family together and enjoy a fun game of Skee-Ball. This DIY Skee-Ball is perfect for a night in with friends or for a fun game to play with the kids. The step-by-step instructions will guide you through the process of building your Skee-Ball, from assembling the cabinet to inserting the ball injector. You'll need some basic tools and materials, but we've got you covered with our hardware and wood lists. So, grab some sandpaper, get out your tools, and let's build a Skee-Ball together! Don't forget to share your creation on social media, use #MANCRAFTRULES.

**Game Rules**

Get ready for a fun game of Skee-Ball! The rules are simple:

- **Objective:** The player with the highest score at the end of the match wins.
- **Round Structure:** One match is composed of three rounds of shooting, and each round consists of 10 balls. Each player takes turns shooting 10 balls. Scores are as listed on the ball return and the target board.
- **Scoring:**
  - Balls that make it to the target board score points as listed on the target. The points are cumulative for each round.
  - Any ball that gets stuck but does not leave the cabinet can be re-shot.
  - Any ball that doesn't make it up the ramp and rolls back down is a 0.
  - Balls shot out of play (i.e. fly out of the cabinet) count as 0.

Optional Rules:

- Ties are settled in a three ball sudden-death round where each player shoots 3 balls and the highest total score wins.
- Scoring can be adjusted with the use of any paints or wood finish appropriate for plywood, your creation.
- The player with the lowest score wins, too. That's how fun works, right?

Have fun and happy Skee-Balling!