

**APPLE PRESS**  
**EYES FOR THE JOB- EPISODE 305.1**  
**'HARVEST HOMERUN'**



**MATERIALS NEEDED**

- One piece of 2x4x8' spruce
- Two pieces of 4"x4"x8' spruce
- One Hundred 3" long #8 deck screws
- Eight 7" long 3/8" dia galvanized bolts
- Four 6" long 3/8" dia galvanized bolts
- Sixteen 3/8" dia (inside) galvanized washers
- Eight 3/8" dia (inside) galvanized washers
- Eight 3/8" dia galvanized nuts
- Four 3/8" dia galvanized nuts
- Three 3/8" dia galvanized nuts
- One piece of 4x8'x3/4" select birch plywood
- Two pieces of 2"x6"x8' Spruce
- Fifty 2" #8 s/s screws
- One hundred 3/4" x #8 s/s screws
- Two 16" inside diameter steel rings
- Three pieces of 1"x8"x8' maple
- One small car scissor jack
- One de-greaser
- One 5 gallon bucket
- Three linen pillow cases for the pulping

### **TOOLS NEEDED**

Miter saw  
Table saw  
Drill  
Drill bits  
#8 countersink bit  
Squares  
Socket set for nuts and bolts  
Impact driver with socket attachment  
Tape measures  
Adjustable wrench  
Table Saw  
1" spade bit



### **STEP BY STEP BUILD PLAN**

1. Cut two pieces of 4"x 4"x 36" for the vertical leg. Set table saw to 45 degrees and cut 1/2" from each corner for looks
2. Cut two pieces of 2"x 4"x 2'8" for frame base.
3. Cut four pieces of 2"x 6"x 31" for top and bottom stretcher.
4. Rip one bottom stretcher to 5 1/4" to slope for drain pan.

5. Bolt frame base to one piece of vertical leg wood at the centre point of the frame base using 3/8"x6" galvanized bolts. Ensure 90 degrees. Repeat for other vertical leg.
6. Bolt the stretcher boards at the bottom of each side of the vertical leg repeat for bottom of the other vertical leg. Attach two 3/8" x 7" galvanized bolts each side. Be careful not to hit the frame base bolts when doing this. Keep everything square.
7. Bolt the top stretcher boards the same way as the bottom.
8. Drain Pan Assembly
  - a. Cut from 4'x 8'x 3/4" plywood one piece of 18" square for pan base.
  - b. Cut from 1"x 8"x 8' two pieces 17 1/4" in length for pan sides, and two pieces 18" in length for other two sides.
  - c. Cut from 1"x 8"x 8' 22 pieces of maple 3/4"x 3/4" x 15" in length for pan ridges.
  - d. Glue and screw four sides to pan base, using #8 x 2" coated screws. Pre-drill holes. Drill 3/4" hole in bottom centre of one side for drain.
  - e. Screw pan ridges spaced 3/4" apart across the drain pan in the direction of the drain hole. Screw a 2nd layer of pan ridges across the top of the first row equally spaced 3/4" apart. Pre-drill all holes as this is hardwood and will split.
  - f. Fasten drain pan assembly on top of the bottom stretchers centred with the drain hole on the side of the lower of the two stretchers, using two rows of 4 #8 x 2" stainless screws for strength.
9. Press Barrel Assembly
  - a. Rip 45 strips 3/4" x 3/4" x 16" of Maple. Pre-drill one 1 1/16" hole 4" from each end.
  - b. Fasten strips to the inside of the steel rings to form press barrel.
10. Press Assembly
  - a. Cut from 4'x 8'x 3/4" plywood one piece 6 1/2" square for jack mount.
  - b. Cut from 4'x 8'x 3/4" plywood one piece 14" diameter for press table.
  - c. Cut from 4'x 8'x 3/4" plywood two pieces 14" diameter for press table spacers.
  - d. Bolt scissor jack and jack mount to centre point of underside of the top cross beam.
  - e. Bolt the press to the bottom of scissor jack.
11. Apple Pulper Assembly
  - a. Cut from 4"x 4"x 8' spruce one 16" .
  - b. Drill a 1" hole 4" deep.
  - c. Cut 3' from dowel, glue and insert in hole in 4" x 4"