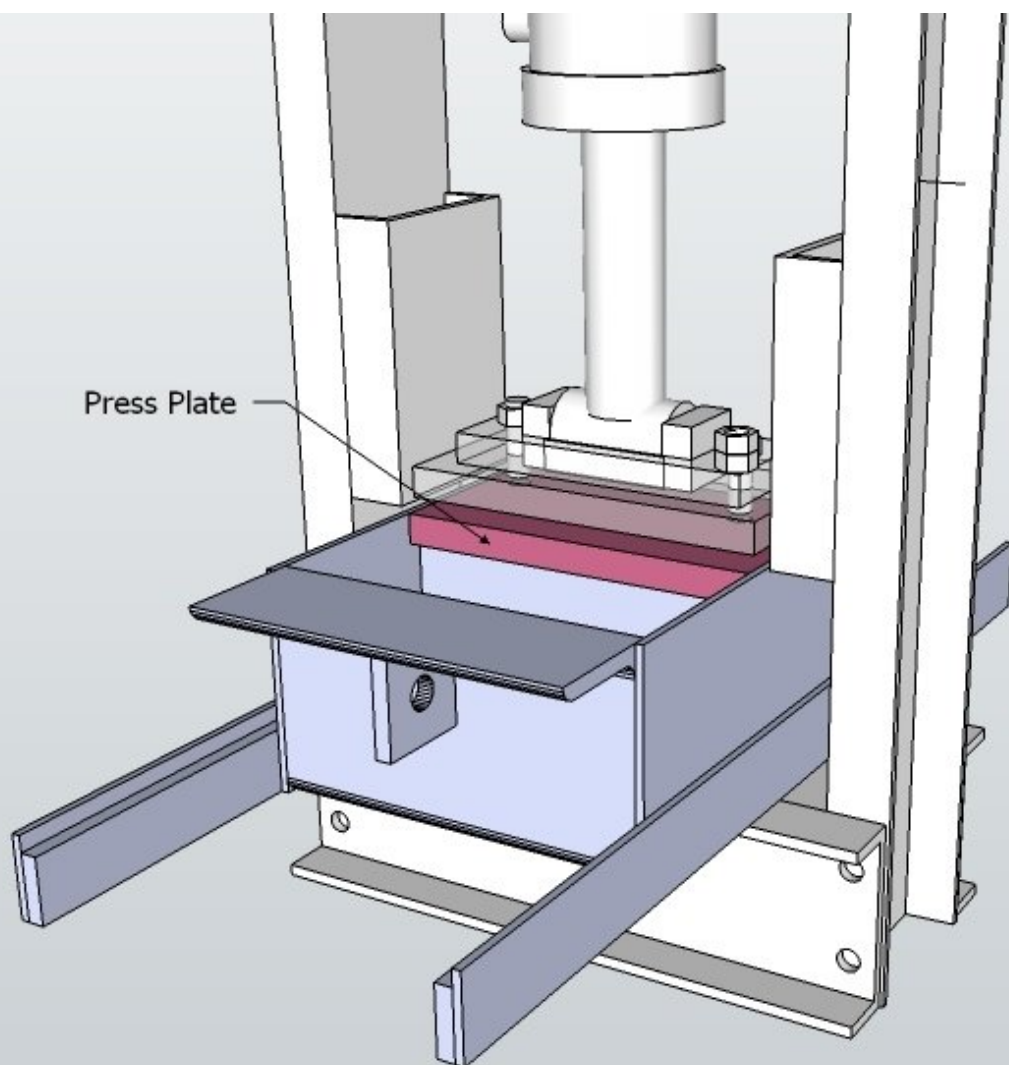




# CEB: Stretching the Frame

Stretch the frame on your Compressed Earth Brick Press.

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## INTRODUCTION

[video: <http://www.youtube.com/watch?v=ZpZ0OUmGFIA>]

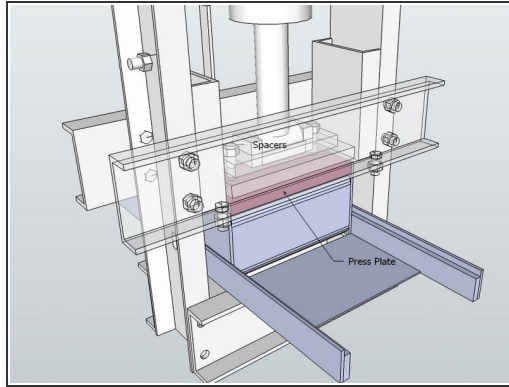
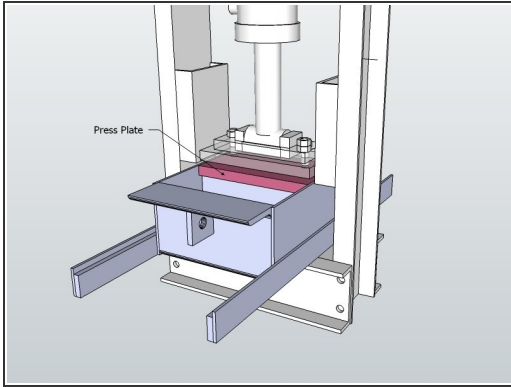
Additional Materials Required:\* Soil Loading Drawer\* Wide Cylinder Supports\* 3/4"x2" Bolts (8)\* 3/4" Galvanized Nuts (8)



### TOOLS:

- [Hydraulic Pump](#) (1)
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## Step 1 — Stretch the frame



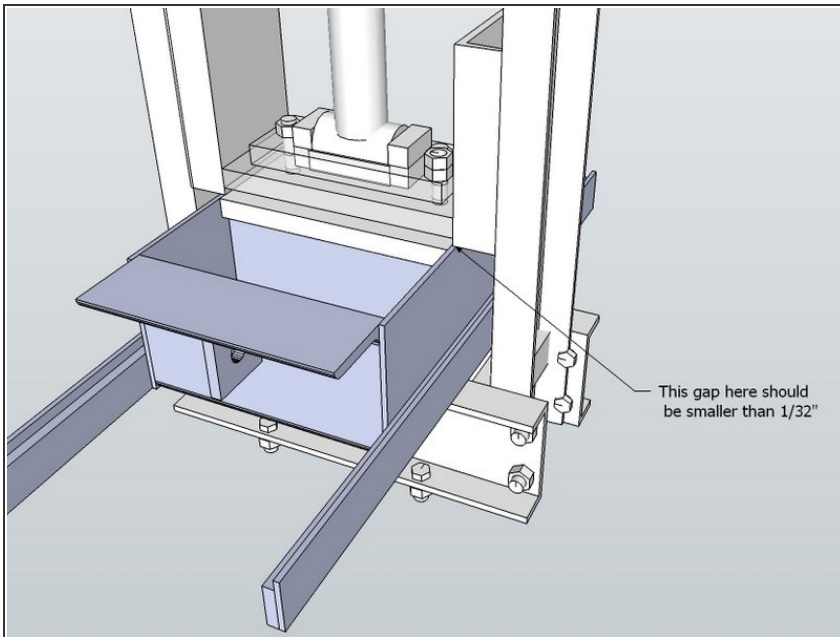
- Attach the cylinder to a hydraulic pump or power cube and contract the cylinder at least 1".
- Stand up the frame so the press feet are facing down.
- Insert the Soil loading drawer on top of the horizontal members so that the press plate is facing the press feet.
  - If the drawer doesn't fit because of the spacers, you welded them too close. Grind off the tacks and tack them a little higher.
- Position the drawer so that the press plate will be fully contacted by the press feet.
- Bolt the drawer members on snugly.

## Step 2



- Use the pump to expand the cylinder as much as possible. The pump will likely stall out.
  - If the pump stalls, turn it back on and expand it fully once more.
- Expand at least 3 times.
- Contract it, so you can weld the spacers in. Then detach from the pump.

## Step 3 — Observations



- Remove the drawer members.
- Look where the spacers are near the drawer.
  - The spacers should be very close to the drawer (less than 1/32")  
See [quality control video](#) if you wonder why.
  - If they are too far, grind off the welds and re-tack them so they are lightly contacting the drawer. Yet again, make sure they are perfectly square with the verticals.