

MaxiPress conversion from 3 phase to single phase checklist:

1. Change the 3-pole disconnect on the back of the press to 2-pole 200A.
2. Change all power wiring wire gauge to the appropriate gauge.
Each heater is now drawing 100A, not 50A.
A lot of power wires have to get a lot thicker!
3. Change the two 3-pole contactors to 2-pole, 100A each.
If the current contactors are 90-100A, you can keep them, and one leg on the contactor will be empty, no problem.
4. **REWIRE THE HEATERS FOR SINGLE -PHASE PARALLEL. (SEE PDF)**
(rewiring from the 3-phase-Delta previous wiring, also attached).

Use the attached wiring diagram – and do the rewiring at the 6x6" junction box where the power goes into the heaters.

If the individual heater wires are not terminated in the 6x6 junction box, but travel ALL the way up to the contactors, that's Much Better (and more recent) and you can do the wiring at the contactors. See the attached PDF.