

# Model PC600

## 50 Ton Capacity

### Pump and Ram

#### OPERATING INSTRUCTIONS

To Retract Ram: Open release valve by turning to left. Pump several full strokes to eliminate air. Close release valve by turning to right until tight, then continue pumping.

To Lower: Turn release valve handle to right slowly until tight.

To Maintain Oil Level: With ram in the retracted position add hydraulic jack oil to filler screw level.

CAUTION: Do not use brake or shock absorber fluid, glycerine, alcohol, or dirty oil. If ram still does not operate properly loosen filler plug.

#### CAUTION

##### OBSERVE THE FOLLOWING RULES FOR SAFE OPERATION

1. Always use an accurate pressure gauge to measure pressing force.
2. Do not exceed the rated capacity of this press.
3. Never tamper with hydraulic system pressure settings.
4. Components of this press are specially designed to withstand rated capacity loads. Do not substitute bolts or pins or any other components. Use only genuine factory replacement parts.
5. Always center load on ram plunger. Offset loads can damage ram and may cause load to eject.
6. Visual inspection should be made before each use of the press checking for signs of cracked welds bent bed pins, loose or missing bolts or any other structural damage.
7. Remove all loads from press bed before attempting to adjust bed height. Beware of possible falling bed.
8. Press only on loads supported by press bed. Do not support loads on floor or press frame.
9. When using any accessories such as arbor plates, be certain they are centered on press bed and are in full contact with bed.
10. Parts being pressed may splinter shatter or be ejected from the press. Due to varied applications it is your responsibility to always use adequate guards, wear eye protection and heavy protective clothing when operating this press.
11. Keep hands and fingers out of the press and away from parts that may shift and pinch. Do not stand in front of work area where load is applied.
12. Before applying load be certain all press bed supporting pins are fully engaged.

Failure to heed these warnings may result in personal injury or property damage. Observe all safety precautions when operating this unit. ALWAYS use a bearing shield when pressing bearings. Utilize caution setting work up to be pressed to insure that the item that is to be pressed or any part thereof CANNOT BE DISLODGED or broken during press work. This may result in the part flying out of the work area at a dangerous rate of speed.

