



HYDROCELL

PRE-STRESSING PLATE

- ◆ Hydrocell Pre-Stressing plate is a welded, expandable sheet metal plate used for pre-loading with support props and cribs
- ◆ It is filled with water from a hose or pump and expands to apply load to the roof.
- ◆ Hydrocells are capable of up to 10 tons of installed load
- ◆ Numerous sizes available. Load produced is directly related to the size of the plate
- ◆ Pressure required to open inlet valve for inflation is 29 psi
- ◆ Relief valve releases at 290 psi
- ◆ Normal expansion is between 1 and 3 inches
- ◆ Available sizes: (special sizes can be modified)
 - 300mm x 300mm
 - 400mm x 400mm
 - 750mm x 750mm
 - 900mm x 900mm