Ram Pressure, Oil Flow, Oil Temperature, and Quench Time

The Flexible Quench Press is a controllable press and oil delivery system for quenching heated parts. The controllable parameters are: Ram Pressure, Oil Flow, Oil Temperature, and Quench Time. Changes in these variables are made either manually or by selection from the “menu” items displayed on a color touch screen panel. Based upon the uses of this system by others, the characteristics of “flatness” and “roundness” after quenching have been improved.