Hydraulic Operated Vice

Abeyawickrama, Walakuluge Sanuja

Mechanically operated vices can be found in almost in any workshop. Operator waste more energy to operate this kind of vice. As a result, at the end of the work operator get tired and efficiency decrease. As a solution for this a hydraulic vice was invented. This hydraulic operated vice is more different than other vices in the world. A hydraulic system is used to operate the vise. Therefore operator can operate this vice easy and smoothly. Conventional mechanically operated vices are operated by rotating threaded a shaft. This method is time consuming & tiresome. Mainly it is because of the friction between the shaft and the vice. Hydraulic operated vice uses hydraulic technology to escape above difficulties. Further, to eliminate excessive force on the work piece due to excess compaction a releasing nut was introduced. According to the requirement various sizes of hydraulic operated vices can be made. It is more attractive for operators.

Awards Won: