

ABSTRACT

STRUT LOCKING JACK FOR SUPPORT BEAM

The present invention relates to an improved jack for supporting strut beams for braced excavation. The present invention also provides an improved method for pre-loading and dismantling of strut beams using the jack in a manner that is both safe and cost efficient. The locking jack apparatus of the present invention has a piston positioned between at least two surfaces, such as a wall and strut beam. The piston is attached to the strut beam via an attachment block. The present invention further comprises of an operator that maintains the tension between the locking jack relative to the wall and strut beam.

Fig 2