

A method for efficiency upgrading of a belt water elevator that by means of continuous belt formed of two layers lifts water from underground source through its adhesion and penetration of water to foam-rubber layer, at rotation of the upper drive and the lower tension cylinders liquid is brought to water-collection tank, there from by trough it is fed to collector. At least one chain of light hollow spherical balls is built into the permeable layer of the belt, those are connected to each other by strong bond. A vertical box is arranged, there the right section of the infinite belt is placed, the lower part of that one together with the belt and the lower tension cylinder is immersed to water bearing layer. The upper section together with the squeeze and drive cylinders is placed in the water-collection tank.