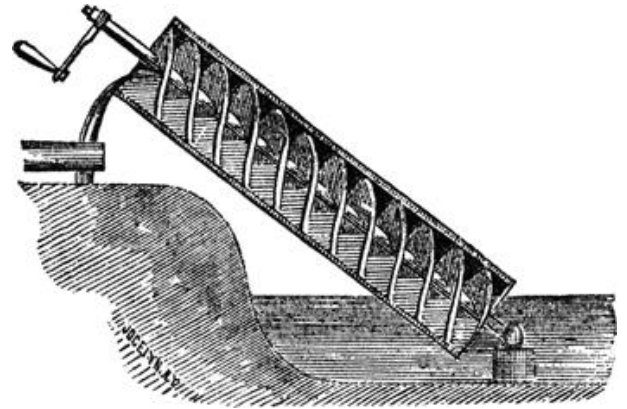


ARCHIMEDEAN SCREW

(Archimedes – ancient Greece)



Archimedian screw was and still is used for transporting water.

It is believed that Archimedes invented the screw pump around 250 BC. Other researchers reckon it was used in Babylon a long ago as in 8th century.

Water is pumped by turning a screw-shaped surface inside a pipe.

The screw is turned by windmill manual labor, cattle or by modern means such as motor. The water is pushed to the top by this rotating helicoid.

Initially, the screw was used to transporting water to irrigation systems. Nowadays, they are used most commonly in shipyards. An Archimedes screw was also used in 2001 in stabilization of the Leaning Tower of Piza.



It is machine historically used for transferring water.

It is made from a piece of wood wrapped in flexible tube. Fast on a metal rod, set into motion by handle.

Water is pumped by turning a screw – shaped surface inside pipe, in my case flexible tube.