

Automatic Hydraulic Water Ram Pump

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Abstract: *A hydraulic ram pump is a basic, motorless device for pumping water at low flow rates. It lifts water from a stream, pond, or spring to an elevated storage tank or a discharge point using the energy of flowing water. It's ideal for situations when tiny amounts of water are needed and electricity is scarce, such as a household, garden, or animal water supply. Where the water source runs continuously and the usable fall from the water source to the pump location is at least 3 feet, a hydraulic ram pump is practical.*

Keywords: Momentum, Water Hammer Effect, Continuity, Water, Kinetic Energy

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