

A Lifting Stage for Aquacade

Abstract

A lifting stage for aquacade which is disposed in a pool is disclosed. The pool comprises a water space located above the bottom of the pool for water storage and a foundation pit beneath the bottom of the pool for access of maintenance personnel and equipment installation. The lifting stage includes an actuating mechanism disposed in the foundation pit, a stage mechanism disposed in the water space, and a lifting rod passing through the bottom of the pool and connecting the actuating mechanism and the stage mechanism. The lifting stage for aquacade provided in the present invention disposes the driving and transmission mechanisms in a dry foundation pit beneath the pool so as to prevent the driving and transmission mechanisms from contacting with water and thus eliminating water pollution due to leakage of the hydraulic oil into water, or the potential security danger of electric leakage in water.

Figure: 1