

This invention relates to pump-building, in particular, to pump stations used for hydro-drives of high-productive mechanized timbering for thick coal seams. The pump station comprises of drive mechanism, self-suction high-pressure three-piston pump, tank with working liquid, this is connected to the pump by suction mains and pressure mains. The drive mechanism has an electric drive. The housing of the pump is arranged as split one, with inclined split, and is equipped with a removable cover. The pump comprises of mechanical and hydraulic parts. The hydraulic part of the pump comprises of three valve blocks, those are placed in the housing of the pump; each block has a housing-saddle in which there are installed the valves: the pump-in and the suction ones, those are spring-supported by a spring; the housing is equipped with suction cavity and pump-in cavity. The tank is made with flow damper, this comprises of two installed in horizontal position, one over another, semi-discs. At the suction mains there is installed a cooler, and at the pressure mains pneumatic hydro-accumulators are and unloading unit placed.