

# **DESIGN of FLOW DIAGRAMS of HYDROPERCUSSION MECHANISMS By PROGRAM FluidSimH**

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We will consider possibilities of the program FluidSimH for the design of different flow diagrams of hydropercussion mechanisms. This approach will allow, at first, to check up the capacity of the chosen chart, secondly, to carry out the choice of basic workers and structural parameters, thirdly, by sight by the diagrams of the state to analyse efficiency of working process to each of the examined charts. For the design of structure we must enter the followings basic elements: knot of shock-worker (designed by a hydrocylinder), element of control (imitated a hydraulic distributor) unit, element of valve of start (by a distributor with a hand management).