

Hydraulic system for controlling tunneling machine is made with pump unit, this is connected by the first pressure mains to the hydro-drives of the feeding unit and propeller part, and by the second pressure mains – to hydro-cylinders of control of the executive mechanisms of the machine. Hydraulic unit that has a shutoff valve, one-side hydro-lock, hydro-distributor of control and back valve is installed at the first pressure mains. First pressure main is connected to the feeding lines of the control hydro-distributor and the shutoff valve the discharge line of this one is connected to the hydro-drives of the propeller part. Discharge line of the hydro-distributor for control is connected to the control lines, the shutoff valve line and the one of the one-side hydro-lock, with its discharge line connected to the discharge line of the hydro-drives of the feeding unit. The second discharge main of the pump unit is connected through the back valve to the discharge line of the shutoff valve and to the discharge lines of hydro-drives of the propeller part. Provision of maximal fraction force of the propeller part, of the feeder is provided, and simplification of design.