

Improved folding self-positioning ladder intended mostly for maintenance of transport car-tanks at freight railway platforms has a base, a stringer with self-positioning stairs, with its first end connected to the base with possibility of turning in vertical plane, folding barrier and balance mechanism, this has at least one power cylinder with telescopic rod, kinematically connected to the base and the stringer, and power accumulator. Balancing mechanism is equipped with back valve, throttle and connection rod, this is hinged to hydro-cylinder and holders. Ladder is equipped with mechanical stopper and at least one support roller mounted on the other end of the stringer. Base has horizontal beam with elements of fixation of the base to the platform. Folding barrier has stands and flexible ropes. Mechanism of the stairs self-positioning has con-rods, hinged to the base and to each of the stairs. Self-positioning stairs are made as grate frame.