

A walking wheel of transportation means contains a disk with an elastic rim installed on an axle, hydraulic power cylinders with stocks, at ends of which are secured supporting elements. The hydraulic power cylinders are installed on the disk with possibility of limited turning in the radial plane of wheel and are connected with channels with distributor of fluid made in the axle. The axle is telescopic with a sliding element, on which the second disk is rotary installed which has elastic rim and hydraulic power cylinders connected with the distributor of fluid and supporting elements on the stocks of hydraulic cylinders. The wheel is equipped with hydraulic mechanism of displacement of disks connected with sliding element of axle, sensor of dipping the wheel into the soil and control unit, which inlet is connected with the sensor, and outlet is connected with hydraulic mechanism of displacement of disks.