

The proposed platform weigher is designed for weighing cargo transported by vehicles. The weigher contains a base structure, a load-bearing platform, and force strain-gage transducers. The load-bearing platform rests on the force transducers by its corner elements. The force transducers are fixed to the base structure. The longitudinal beams of the load-bearing platform are arranged according to the wheel track of a vehicle, for example a track. Along the longitudinal and lateral axes of the load-bearing platform, sliding supports are installed. The supports along the longitudinal axis contain stops for preventing the turning-over of a vehicle when the vehicle enters or leaves the platform. The present invention provides the possibility to increase accuracy in weighing, simplify the design, and enhance the operation characteristics of the weigher.