

The proposed device for bogie-by-bogie weighing of railway cars contains a load-carrying platform with force transducers connected to a transducer signal input unit, an analog-to-digital converter, railway track car bogie detectors, an AND logic element, an RS trigger, a processor, a unit for identifying car bogies, and a unit for generating the signal to be measured. The railway track detectors are connected to the unit for identifying car bogies via signal-shaping amplifiers. The unit for generating the signal to be measured contains two delay multivibrators and a synchronization unit.