

Universal gondo car with hatch covers consists of a crew compartment module, an automatic coupler module, a braking system module, a frame module, and a body module. The crew compartment module contains two two-axle bogies. The frame module contains the main, pivot, end, and intermediate beams. The body module contains two side walls with sheathing and a frame consisting of upper and lower stringers and vertical posts, as well as two end walls with sheathing and a frame consisting of upper and lower stringers, side posts, and intermediate posts. The design of the universal gondo car also includes covers for the unloading hatches. To increase the fatigue strength of the gondo car load-bearing structure, and consequently its service life, the design of the spine beam and end beams has been improved. The center beam is made of two channel-shaped profiles, the flanges of which are directed inward, with the channel-shaped profiles interacting with each other via vertical plates. An I-beam is mounted on the spine beam. The end beams are formed by a single channel-shaped profile that interacts with a vertical plate.