

The invention relates to crane building and is designed for protection of hydraulic switch laying crane against destruction of support-rotating device by excessive asymmetric loads. Hydraulic switch laying crane contains support part of crane with hydraulic cylinders of bracing jacks and rotary part of crane with gibbet and counterbalance connected with it by means of support-rotating device, said counterbalance is mounted with possibility of its displacement from rotary part of crane to support part and vice versa. Rotary part from the side opposite to the gibbet is equipped with a post with blocks mounted on it, a flexible tie is reeved through each block, and the flexible tie is made with possibility of its connection by one side to the counterbalance and by another side – to the rod of hydraulic cylinder of bracing jack. The invention allows to simplify the design of mechanism of displacement of removable counterbalance of crane and reduces its cost.