

A paper-machine calender consists of metal shafts arranged in the form of a vertical battery, which are in contact with each other and are supported by their own weight on the main shaft of the battery; frames, in which the bearing housings and shafts levers are located; a drive for rotating the lower or the second shaft from below; a lifting and clamping device. The shafts in vertical battery starting with the lower one and except for the upper one are lined with polyurethane.