

Centrifugal casting machine with vertical axis of rotation contains casting form with mold, lower support with the drive of rotation and bearing unit made with possibility of deviation of the rotational axis of casting mold, shock absorbers under the supports. Upper support contains a movable unit, which includes a bearing, which is established on the hollow nave with a cover, which is connected to the upper part of casting form, on external ring of bearing is fixed a cylinder, on surface of which with possibility of free displacement over vertical line is established a disk, which is centered over conical surfaces with a ring on the upper part of the foundation, coaxial to the vertical axis of lower support. The openings for lifting the form with casting are executed on the nave, and a screen is secured to the cylinder and it overlaps the internal cavity of nave. As alternative, lower support is connected with the surface foundation, which receives entire load. Manufacture and operation of machine are simplified, the reliability of machine increases.