

The invention relates to machines that use for their operation potential energy of force of gravity of load. The engine includes disc hinged on axle, cylindrical cam that is placed in eccentric position with respect to disc, loads that are rigidly fixed on con-rods, mechanisms for motion of loads, restrictors of displacement of loads arranged as plates parallel to plane of disc, those are rigidly fixed at both sides of disc at some distance from it, and mechanisms of displacement of loads are arranged as hinged parallelograms lower cross elements of which are hinged in through slots provided in disc with inclination to its radii.