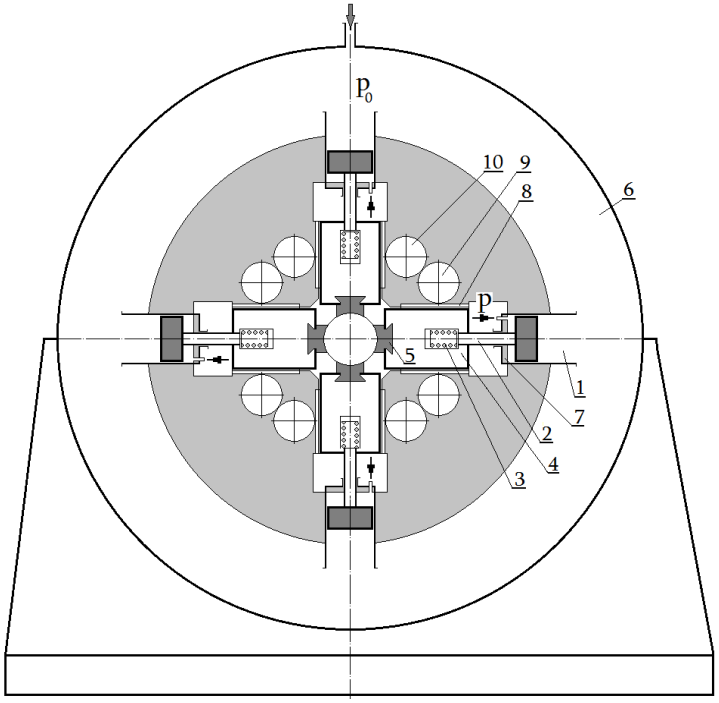
S.A. Mebonia*[1], J.A. Sharashenidze[2], A.G. Shermazanashvili[1]

Radial forging machine for processing porous sintered workpieces

The machine is intended for radial forging of the cylindrical and other axis symmetric details of complex shape applied in mechanical engineering. Use of the machine in manufacture will provide production of details of high precision with the minimum losses of metal.



1. Cylinder; 2. Piston ring; 3. Shock absorber;

4. Shock mass; 5. Striker; 6. Gas receiver; 7. Cover;

8. Toothed rails; 9, 10. Synchronizing gears

Details obtained by radial forging

№	Name of parameter	Numeral value
1	The maximum diameter of the processed steel rough workpiece, mm	60
2	Course of strikers, mm	40
3	Maximum force, t	120
4	Frequency of blows, $mine^{-1}$	60
5	Gas pressure in the receiver, N/mm^2	10

The cost of radial-forging machine will be much less in comparison with the existing ones.

Chief of department Dr. SlavaMebonia•Tel.: +995 577 190254 •E-mail: meboniaslava@mail.ru