

Centrifugal horizontal unit for producing ring-shaped products, the design of which includes a mold rotating together with the drive shaft on rolling bearings, a V-belt drive with an electric motor and a pouring device. In addition, a multi-nozzle plasma torch is located coaxially within the inner cavity of the mold, which is connected via a central hole in the drive shaft to a mechanism that moves it horizontally a distance equal to the length of the mold. The system allows for the dispersion of the alloy structure and improves the mechanical properties of cast ring products.