

A device for producing polystyrene foam includes axial axes for supply, removal of gases, made in the form of two concentrically located channels, hermetically isolated from each other. The internal channels are pneumatically and/or hydraulically connected to the first and second input, output opposite steam chambers, and external channels are pneumatically and/or hydraulically connected to the first and second prechambers hermetically isolated from the input steam chambers, and pneumatically and/or hydraulically connected to all four peripheral chambers, which, in turn, have reversible sprayers on the internal surface, and three of four peripheral steam chambers are equipped with butts and closing assemblies, which gives to them the possibility to be opened.