

The invention relates to a method and an apparatus for manufacturing an extruded plastic product, the apparatus comprising at least one rotor (1) and at least one stator (2, 3) with a feed gap (4) provided between them, a groove (7) being situated on the other side of the feed gap (4), the groove pressing the material to be extruded out of the apparatus when the rotor (1) is rotated. The cross section of the groove (7) remains substantially unchanged. At the opposite side of the feed gap (4) there is positioned a counter groove (8) in such a way that a processing cavity consisting of the grooves (7), the counter grooves (8) and the clearance between them decreases at least partially continuously along the axis of the extruder. The deformation energy of the material can thus be kept as small as possible due to the unchanging cross section of the groove (7), and the material stays in the groove (7) due to the placement of the flights (7a, 8a). The material is made to move rotatably, which enables the manufacture of a laminar plastic product (11). Further, materials that would otherwise be difficult to process can also be extruded effectively.

