

ABSTRACT

Tube-profile cutting machine (1) having a cutting device (2) and having a clamping device (3) by means of which a tube is clampable in a centered manner along a horizontally extending longitudinal axis (5) and is rotatable about the longitudinal axis (5), having a chassis (10) by means of which the tube and/or the cutting device (2) are movable with respect to one another parallel to the longitudinal axis (5), having a vertical drive (11) by means of which the cutting device (2) is movable along a vertically extending vertical axis (12), having a rotary drive (13) by means of which the cutting device (2) is rotatable about the vertical axis (12), having a cutting head (14) on the cutting device (2) and having a pivot drive (15) by means of which the cutting head (14) is pivotable about a horizontal pivot axis (16), and having a feed drive (18) by means of which the cutting head (14) is feedable in a beam direction (17), wherein, by rotation of the clamping device (3) and by means of the chassis (10), the vertical drive (11), the rotary drive (13), the pivot drive (15) and the feed drive (18), the cutting head (14) is movable with respect to the tube such that a cutting beam exiting the cutting head (14) in the beam direction (17) cuts a contour on the tube. Also disclosed is a method for cutting a contour by means of such a tube-profile cutting machine (1).

FIG. 2a