ABSTRACT

Machine for the working of tubes provided with an optical sensor for measuring the forward displacement of the tube being worked and/or the rotational displacement of the same about the longitudinal axis thereof

The machine (100) comprises: a working head (22) carrying appropriate working tools to perform one or more working operations on a tube (T); a feeding unit (14) for feeding the tube (T) along its longitudinal axis (x) towards the working head (22); a programmable control unit for controlling the feeding unit (14) and the working head (22); and an optical sensor (34) arranged to optically measure the forward displacement of the tube (T) being worked along its longitudinal axis (x) and/or the rotational displacement of the tube (T) being worked about its longitudinal axis (x).

(Figure 4)