

Abstract**Tube End Detection**

Method, and an apparatus associated therewith, for detecting plastic tube ends clamped in a butt welding machine, the plastic tube ends being planed by means of a plane, which can be introduced between the plastic tube ends, and subsequently being heated by means of a heating mirror, which can be introduced between the plastic tube ends, and the plastic tube ends are welded together after removal of the heating mirror, the plane and/or the heating mirror being tilted in between the plastic tube ends by means of a controlled movement, wherein detection or sensing of the plastic tube ends during the controlled movement of tilting in the plane and/or the heating mirror is carried out by means of at least one sensor arranged on the plane and/or on the heating mirror.

Figure 1