

ABSTRACT

The application discloses an automatic ink-jet printer, including a placing frame, a single-axis moving module, a jig, a positioning mechanism, an ink-jet printing module and a manipulator. A waiting chamber and a finished product chamber are arranged in the placing frame. The single-axial
5 moving module is arranged at one side of the placing frame, and a loading and unloading station and an ink-jet printing station are sequentially arranged along a conveying direction of the single-axial moving module. The ink-jet printing module is arranged at the ink-jet printing station and is configured for ink-jet printing on a product. The positioning mechanism is arranged on the single-axis moving mechanism and is provided with at least one positioning protrusion. The jig is provided
10 with at least one positioning hole corresponding to the positioning protrusion, the jig is arranged on the positioning mechanism, and the positioning protrusion is inserted into the corresponding positioning hole. The manipulator is arranged at one side of the placing frame and is configured for taking the product from the waiting chamber and conveying the product to the jig at the loading and unloading station, and unloading the product printed in the jig at the loading and unloading station to
15 the finished product chamber. The application effectively improves working efficiency of the printer and reduces labor consumption.

(To be published with FIG. 1)