

Description:

Main unit of TBT50/4D PUR uses Samsung 32-bit ARM7 series of single chip to control temperature and frequency conversion motor, with complete protection functions, precise and stable control. Light-touch key stroke input. And 5.7inch color LCD with Chinese graphic display and friendly operation interface.

Precision metering pump for measuring glue, with independent pressure control system and standard 2-way hose output

Multi-settings for temperature/motor rotating speed curve.

Temperature upper/lower limit alarming, temperature sensor-damage alarming, and heater-damage alarming.

Functions such as locked rotor protection for motor/pump, glue level detection alarming and intelligent fault locating.

Flattened reading of books effectively controls costs with less gluing amount on spine, realizing high-quality binding with the win-win of spread ability and costs.

Due to its strong environmental adaptability with high heat resistance and high cold resistance, quality problems will not occur under 80°C or -40°C. Its excellent property of high-heat resistance and high-cold adaptability outclasses other types of hot melt adhesives, freeing printing enterprises from worries about book processing.

Regular and neat spines have wide material adaptability. With strong adhesion to coating paper of high grammage(150~250g/m²), short-fiber recycled paper, inverse thread paper and so on, without quality problem of page falling due to glue failure, and the external appearance is flat and neat after being bound to form a book.

The cut of bookblock is smooth and the PUR adhesive layer without ladder shape is flexible. In the case of cutting, the cut is smooth and regular, without ladder shape, broken opening, nor hollow space, and the cut edge of book cover is smooth without burrs.

The shaping of adhesive layer is firm, and the PUR hot melt adhesive with extraordinarily strong solvent resistance is the only kind of binding material being both solvent resistant and grease resistant. Soak the dry and solid PUR adhesive layer in solvent and grease, the adhesive layer will not be affected at all in contact with ketone, ethylketone, alcohol, gasoline, kerosene and so on.

It is cost-saving for hardcover. With good rounding capability and no deformation arc, a more beautiful round spined book back can be got after the bookblock are dried in round-shaped state, and therefore the durability of round book back is maximized.

With the property of circle covering, books bound with PUR adhesive are easier to recycle than those books bound with EVA hot melt adhesive, thus protecting the ecological environment to the utmost extent and being a environment friendly production method.

specifications:

Binding size	Max:450×320 Min: 150×105mm
Binding thickness	2-50mm
Binding speed	Max: 2000 books/hour
Power required	13kw
Weight	2100kg
Dimensions	3100×1300×1250mm