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Encuadernadora PUR de cuatro mordazas

NAV-PUR 4M



NAV PUR 4M

Encuadernadora con sistema PUR de cuatro mordazas.

PUR (Polyurethane eReactive, hereinafter referred to as PUR), composed of substantial prepolymers of polyurethane with active groups at the end, is a new type of hot melt adhesive with properties of both toughness and softness. While encountering moisture in the air, it will cause irreversible cross linking reaction, forming a particularly firm adhesive coating with paper sheets, moreover, it has good aging resistance. Due to its superior suitability for binding, it has many absolute advantages when compared with commonly used hot melt adhesives (EVA hot melt adhesive, PVA emulsion), and it is a kind of thermoplastic adhesive material with extremely great intensity, good stretching degree, high cold resistance (-40°C), high heat resistance (120°C) and ivory color (milk white) after drying. After being bound to form a book, the external appearance is still flat and easy to thumb when the book is open, thus the book looks noble and elegant.

Platen Type Hot Gluing Machine with PUR Hot Melt Adhesive Binding Host adopts Samsug 32-bit ARM7 series of singlechip to control temperature and frequency conversion motor, with complete protection functions, precise and stable control, light-touch keystroke input, and 5.7-inch color LCD with Chinese graphic display and friendly operation interface.

1. Precision metering pump for measuring glue, with independent pressure control system and standard 2-way hose output.
2. Multi-settings for temperature/motor rotating speed curve.

3. Temperature upper/lower limit alarming, temperature sensor-damage alarming, and heater-damage alarming.
4. functions such as locked-rotor protection for motor/pump, glue-level detection alarming and intelligent fault locating.

Note: Glue package specification: 2.5 gallon, 5 gallon and 55 gallon for choice.

1. Flattened reading of books effectively controls costs with less gluing amount on spine, realizing high-quality binding with the win-win of spreadability and costs.
2. 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 and high-cold adaptability outclasses other types of hot melt adhesives, freeing printing enterprise from worries about processing.
3. 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...
4. 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.
5. 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, ethyl ketone, alcohol, gasoline, kerosene and so on.
6. it is cost-saving for hardcover. With good rounding capability and indeformable arc, a more beautiful round spined book back can be got after the bookblock is glued with PUR and undertakes re-rounding and backing. PUR adhesive layer and bookblock are dried in round-shaped state, and therefore the durability of round book back is maximized.
7. 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 environment-friendly production method.

Características Técnicas

Modelo	NAV PUR 4M
Ancho de encuadernado	Max: 450*320mm / Min: 150*105mm
Gramaje de encuadernado	2-50mm
Velocidad de encuadernado	Max: 2000 libros/ hora
Potencia	13 Kw
Peso	2300 Kg.
Dimensiones	3100*1300*1250mm