

## Automatic Sheet Collating and Welding Machine

### Model: ACWM-800

#### Functions:

This machine adopts PLC program control and touch screen display operation. Ultrasonic welding technology makes material welding smoother and more secure.

Suitable for collating and welding processing of three layers of various card making materials.

#### Applicable materials:

PVC, ABS, PET, etc., have different welding parameters (such as time, pressure, etc.) for different materials.



#### Features:

1. Three sets of feeding stations are fully automatic for feeding, dividing, and automatically aligning, collating, and welding;
2. PLC program control for automatic operation, real-time monitoring and detection of discharge dual sheets, automatic shutdown and alarm for abnormalities.
3. Double acting cylinder driving force, adjustable welding point pressure;
4. With four welding heads and the adjustable welding points, makes the welded material difficult to move.
5. Using a servo motor to drive the block belt for feeding, the feeding speed is faster and more stable.
6. Ultrasonic welding technology makes material welding smoother and more secure.
7. The welding time is controlled by a time PLC program, which is simple and convenient to set.

#### Specifications:

| Item               | Details                              | Item             | Details                  |
|--------------------|--------------------------------------|------------------|--------------------------|
| Dimensions         | L2000*W1300*H1730 mm                 | Weight           | around 800Kg             |
| Power              | AC220V/50Hz                          | Power            | 2.5KW                    |
| Production         | around 800 sheets/h                  | Layout           | 3X8, 4X8, 5X5 (optional) |
| Air source         | 6 kg/cm <sup>2</sup> (without water) | Weld method      | ultrasonic welding       |
| Material thickness | 0.1~0.5mm                            | Feeding stations | 3 set                    |
| Operators          | 1 person                             |                  |                          |

**Notes:** above specification is subject to change without prior notice due to continuous improvement.