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## ABF450 Rigid Box Wrapper

ABF450 Rigid Box Wrapper is an upgrade model from BF450 box wrapping machine. It is an intelligent wrapping machine for production of rigid boxes. It doesn't need to change folding blade nor pressure foam board. The machine can automatically adjust the specific size of box by computer, which greatly reduces the size changing time.

It is applicable to make packaging rigid boxes for phone cases, shoes, cosmetics, jewelry, shirts, liquors, cigarettes, tea, sweets, candy, etc.

### Paper wrapping type:



**Remark:** Regarding paper wrapping type, 1 & 2 can be fulfilled by the machine;  
For type 3, the box width should be less than 100mm, only for small size rigid boxes.

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**Feature:****1. Main drive**

Main drive adopts double servo driver, runs smoothly, wrapping flexibly, can adjust for various size of cardboard and paper thickness. Run in high stability.

**2. Fully automatic control center**

The whole machine is run by automatic control center, which ensures the accuracy and use life of the machine.

**3. Bubble pressing**

Four sides pressing section adopts double guide rail and screws adjustment, accurately positioning, convenient adjustment, high efficient. Four side bubble pressing section has two times bubble pressing function. Adopts misplaced pressing board installation, no need to customize the pressing board for different size boxes which saves costs and mold setting time.

**4. Ear folding section**

Ear folding section adopts guide positioning, flexible spring, not easy to break paper and cardboard; quick and convenient adjustment, good performance. Machine can do 3 times folding.

**5. Output device**

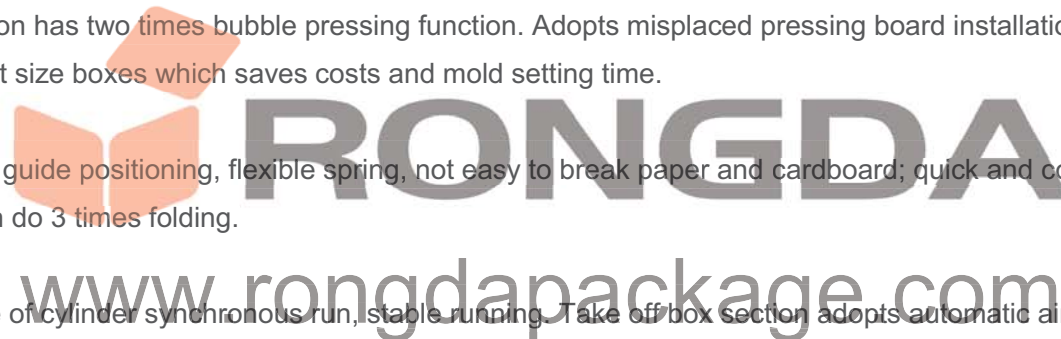
Output device adopt mode of cylinder synchronous run, stable running. Take off box section adopts automatic air exchange and internal removal structure. Simple structure, convenient adjustment, it's suitable for small size box.

**6. Helical gear transmission shaft**

The helical gear drive spindle is stable, accurate, reliable, high output, long service life. The whole machine can realize the slow motion.

**7. Emergency stop & Touch screen**

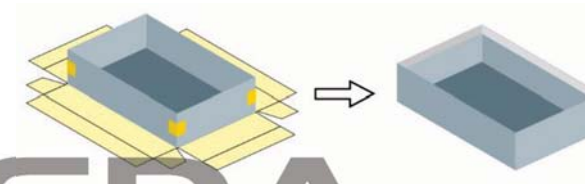
The machine equipped with touchable emergency stop. And size adjustment can be adjusted by touch screen computer automatically, easy to adjust.

**8. Mechanical arm**

The arms adopt the two separate servo motor which can move unsynchronized. When box is arriving at the arms, one arm moves out to block it, then another arm move out to hold it together, finally they deliver the box to the mold.

**Main Technical Parameter:**

Model	ABF450
Maximum specification	420*420*120mm
Minimum specification	60*80*20mm
Turn in depth	10-80mm
Speed	15 pcs/min
Machine height	110mm
Motor power	2.5kw/220V
Air pressure	10L/min 0.8mpa
Machine dimension	1400*1200*1900mm
Machine Weight	1000kg



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