



ZB-D Automatic Paper Cup Forming Machine

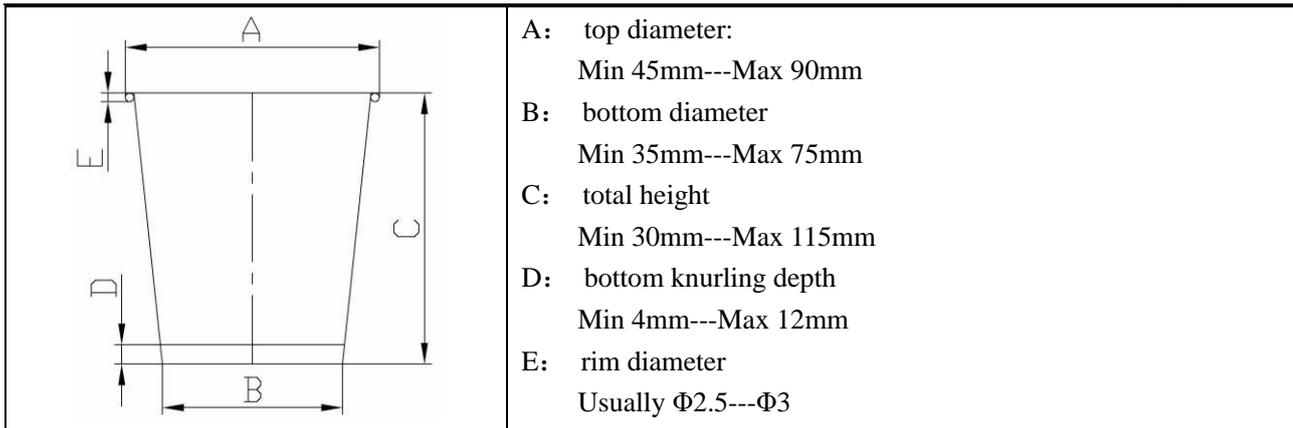


ZB-D paper cup machine is improved based on the open cam system. This machine runs a whole procedure of paper-feeding, cup-fan-wall sealing, oiling, and bottom punching, heating, rolling, rimming, rounding and tripping. It is idea equipment for producing drinking cups, market cups, coffee cups, advertising cups, etc. It is widely used for hot drink and beverage.

If you need double PE coated paper cups or paper gram higher 250g/m², we recommend you to use Ultrasonic paper cup machine. It can produce single PE coated paper cups and double PE coated paper cups.

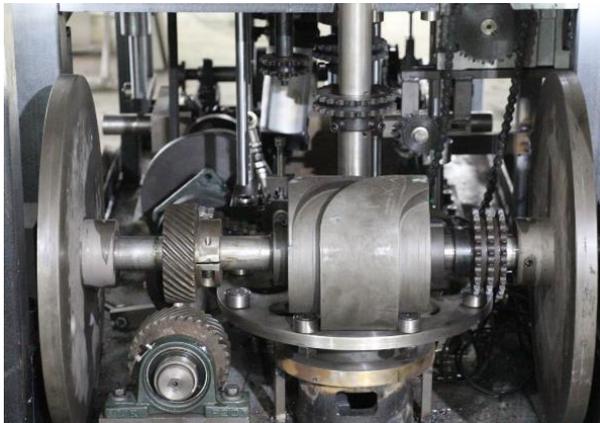
Technical Specification

Type:	ZB-D
Cup size:	2-12oz(different size mold exchanged)
Suitable paper material:	150-380g/m ² (single or double PE-coated paper)
Capacity:	50-70pcs/min
Power source::	220V、380V 50HZ (please inform us your power in advanced)
Total power:	4KW
Weight:	2000.00KG
Package size:	2600 x 1350 x 1700 mm
Working Air Source:	Air pressure 0.4Mpa;Air out-put:0.6m ³ /min

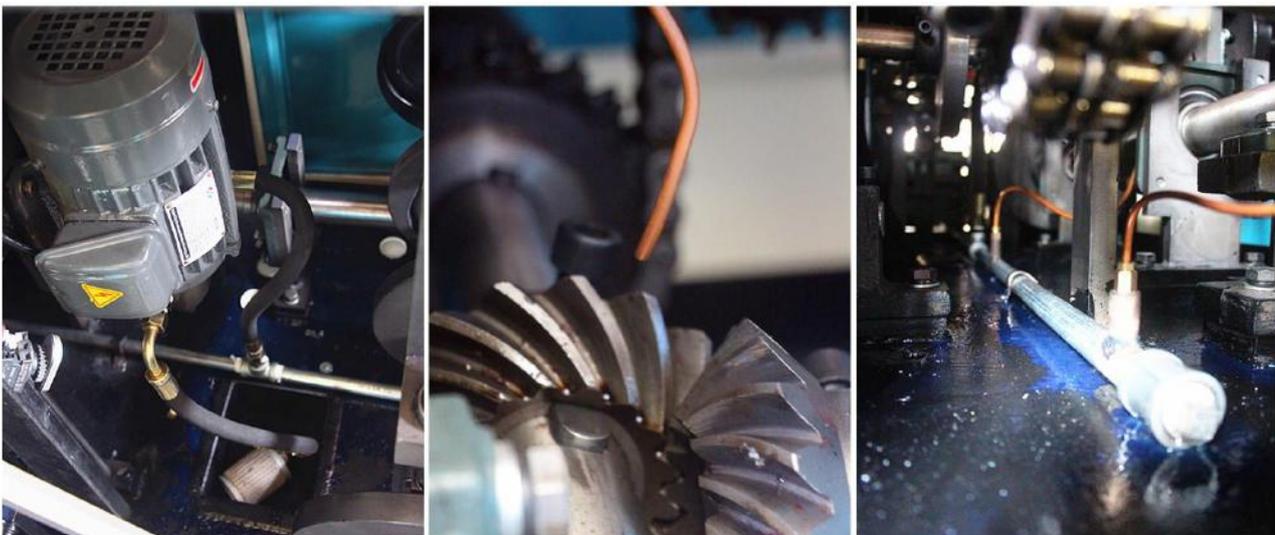


Advantage and improvement:

1. Use **open cam driving system** instead of gear box driving system, more stable running and speed up. The most important thing is easy for maintenance.



2. Use **automatic lubrication recycles system** instead of oiling by hand to reduce the friction and wear between gears, improve the machine safety and reduce the cost of maintenance.





3. 100 type speed reducer is used instead 80.



VS



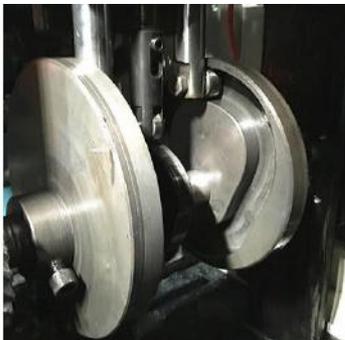
4. New design knurling wheel is used to guarantee the even pressure and better bottom sealing.



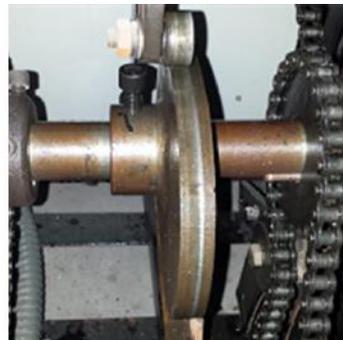
VS



5. Cup folding parts is controlled by three separate cams, and each folding clip can be adjusted by itself.



VS



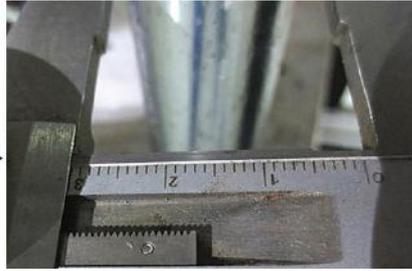
6. We use manipulator to transfer the cup body instead of falling itself by pipe, It is more stable and accurate under the fast running.



VS



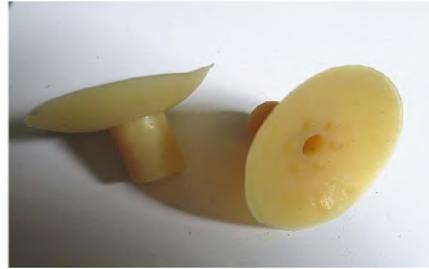
7. Change the $\text{Ø}25$ normal steel shaft to $\text{Ø}30$ imported steel shaft to be strengthened, longer life and more stable.



8. Organ type sucker is used for cup fan sucked to guarantee powerful sucking and more successful. The life is much longer than normal sucker.



VS



Motor	Main motor	(CHINA)
	Knurling motor	(CHINA)
	reducer	(CHINA)
	gear box	(CHINA)
Electric elements	Frequency converter	DELTA (CHINA)
	All other electrical parts	CHNT(CHINA)
	sensors	(CHINA)
Pneumatic	cylinder	(CHINA)
Bearing	other bearings	(IMPORTED) (CHINA)