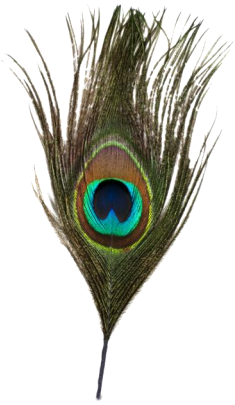
SWASTIK
PAPER MACHINERY



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PAPER CUP MACHINE EXPERTS

Plot Number-150, Sector-56, Kundli Industrial Area.
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ABOUT US:



Swastik Paper Cup Machinery, established in 1990, is a distinguished company that specializes in providing clients worldwide with high-quality paper cup machines and transient paper glass machines. Under the leadership of our esteemed CEO, Kartik Gupta, we have become an industry leader known for our commitment to excellence and customer satisfaction. With three decades of experience, we have refined our ability to produce dependable and effective machines. Our machines accommodate the diverse requirements of our clients, from small businesses to multinational corporations.



Our team is the heart and soul of everything we do, driving innovation, excellence, and a relentless commitment to quality. Comprised of highly skilled professionals with diverse expertise across engineering, design, manufacturing, and customer support, our team works collaboratively to bring the best solutions to the paper cup production industry.

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PAPER CUP MACHINE, ALPHA 110S



DESCRIPTION:

Introducing our newly developed **High-Speed Paper Cup Machine**, engineered to meet the demands of modern production lines with exceptional efficiency and precision. Designed for **high-volume manufacturing**, this machine integrates cutting-edge technology to maximize output, reduce downtime, and ensure superior quality paper cups. **Alpha 110S** cup machine is the perfect blend of innovation, durability, and efficiency. Perfect for businesses looking to streamline their operations, enhance product quality, and reduce waste in an increasingly competitive market.

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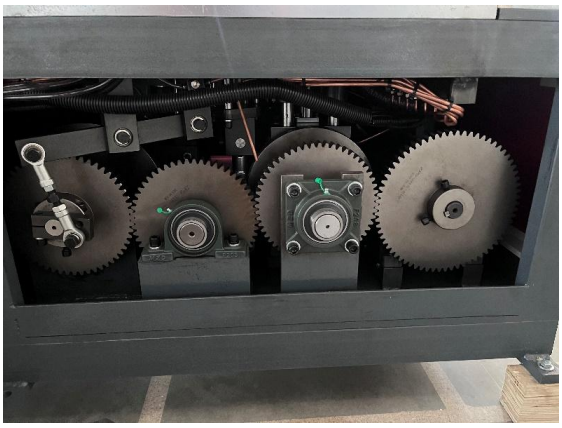
Key Features:

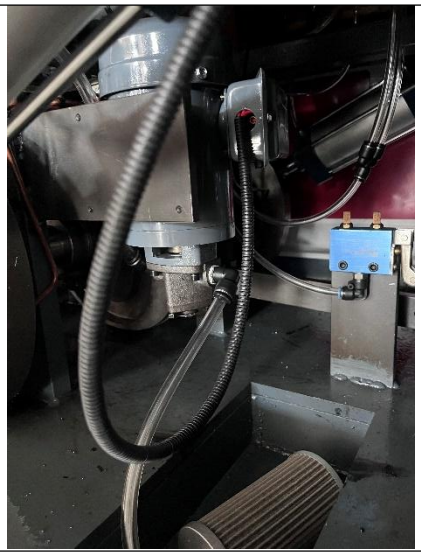


Gear Transmission System:

The advanced gear transmission system offers smooth and reliable operation at high speeds. This robust mechanism ensures precise synchronization of all moving parts, reducing the likelihood of mechanical failure and enhancing overall system durability.

Automatic Lubrication:

The automatic lubrication system provides continuous oil flow to key components, minimizing friction, wear, and the need for manual intervention. This feature increases the machine's lifespan while ensuring consistent performance over long production runs.





10 Moulds:

With 10 moulds, this machine significantly increases production capacity, enabling the simultaneous creation of multiple paper cups in each cycle. This high mould count ensures high throughput and maximizes efficiency, ideal for large-scale production.

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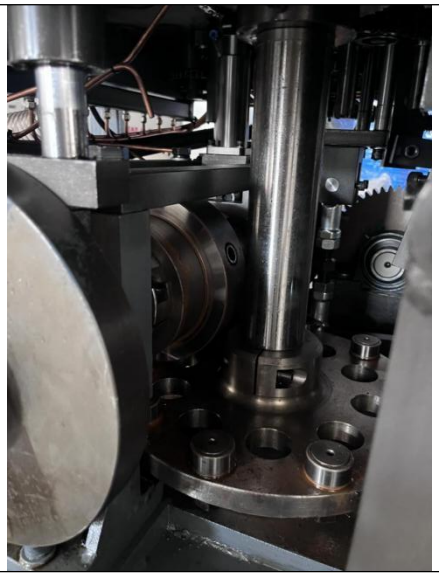
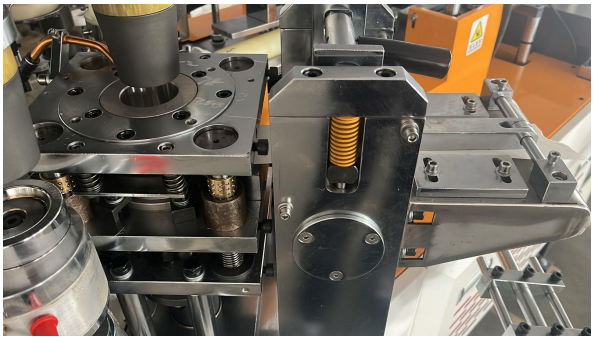
Open Cam System: Featuring an open cam system, this machine ensures seamless, synchronized motion throughout the entire production process. The design allows for easy maintenance and smooth performance, preventing disruptions and optimizing operational efficiency.	
	**Rotary Robot Circle Feeding System** The innovative rotary robot circle feeding mechanism enhances efficiency by automatically and accurately positioning the paper blanks for each mould.
Direct Bottom Feeding: The direct bottom feeding mechanism allows for quicker and more accurate positioning of the bottom section of the cup. This results in improved production speeds, better precision, and a reduction in material waste.	

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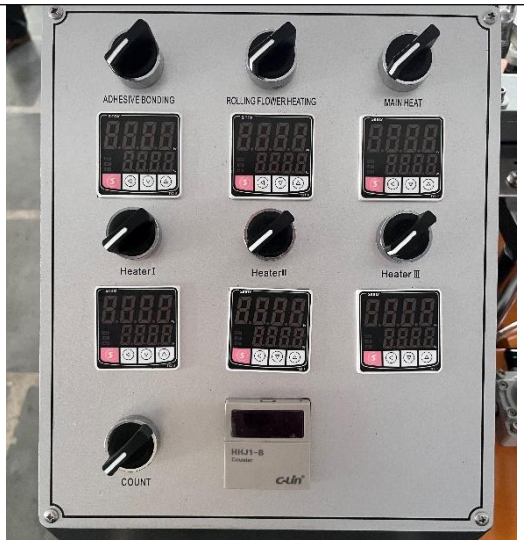

PID Control System

The PID System ensures precise control over the temperature in the production process. This system optimizes the machine's performance by maintaining consistent conditions, enhancing product quality, and reducing energy consumption.

Electric Panels

The machine is equipped with a user-friendly electric panel that centralizes controls, making it easy to monitor, adjust settings, and troubleshoot.





Counting Sensor:

The counting sensor tracks the number of cups produced, offering accurate counting for efficient order management and production monitoring.

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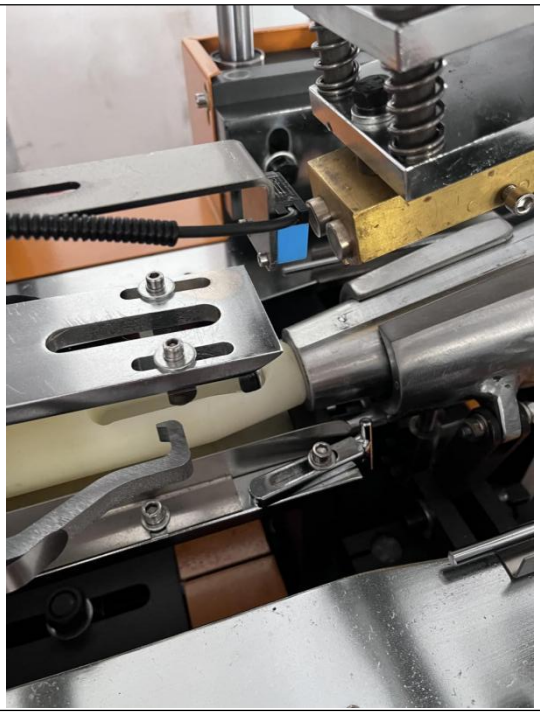
Ready Cup Detection Sensor:

This sensor monitors the progress of the cup during production and halts the machine if a ready cup fails to eject properly. This prevents the cup from repeating on the mold, avoiding defective products and ensuring consistent quality.

Paper Feeding Sensor:

The built-in paper feeding sensor automatically detects if there is no paper fed into the machine, instantly stopping operation to prevent wastage and potential damage. This intelligent feature ensures that the machine only runs when material is available, optimizing resources and minimizing downtime.





Paper Struck Stop Sensor:

If there is a paper jam or obstruction, the paper struck stop sensor immediately halts the machine to prevent damage. This safety feature ensures continuous, uninterrupted operation and reduces the risk of costly downtime.

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SPECIFICATIONS:

MODEL NO	ALFA - 110S
PRODUCTION SPEED	100-120PCS/MIN
POWER	4KW
PAPER MATERIALS	Single PE (normal heaters) Double PE (ultrasonic)
PAPER GRAMAGE	140-250GSM 140-350gsm(ultrasonic)
SIZES	35ML-250ML
WEIGHT	1800KG
DIMENSIONS	2250X1250X1650

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Factory Pictures:













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OTHER PRODUCTS:

1. New Top High Speed Paper Cup Machine (150-170pcs/min)
2. Ripple Paper Cup Machine
3. Double Wall Cup Machine
4. High Speed Paper Plate/Bowl Machine
5. Paper Container Machine
6. Single and Double Layer Lid Machines
7. Carton Errection Machine
8. Food Box and Tray Machine
9. Muffin Cup Making Machine
10. Roll Die Cutting Machine
11. Flexo Printing Machine
12. PE Extruder Coating Machine
13. PLA/PP Straw Making Machine

Some More Products:

1. Paper Cup Blanks and Bottom
2. Ripple Blanks
3. Coated Paper Circles

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