SWASTIK
PAPER MACHINERY



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PAPER CUP MACHINE EXPERTS

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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
OMEGA 2000



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. **OMEGA 2000** cup machine is the perfectly designed for ease of use and minimal maintenance, it delivers consistent quality, reducing waste and improving your bottom line. Whether you're in the foodservice or packaging industry, this machine will elevate your operations while promoting sustainability.

Invest today to boost productivity and meet growing demand with ease!

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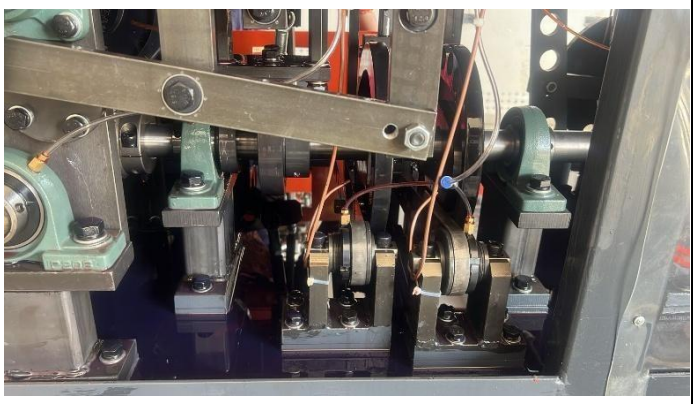
Key Features:





Shaft Transmission System (NO CHAINS):

A shaft transmission system without chains in a paper cup manufacturing machine uses gears and shafts to transmit power, offering benefits like reduced maintenance, smoother operation, and increased precision.

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.



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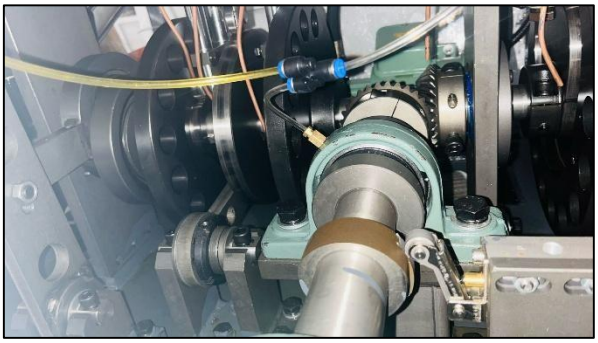
10 Moulds:

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.

Heavy Shaft with 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.



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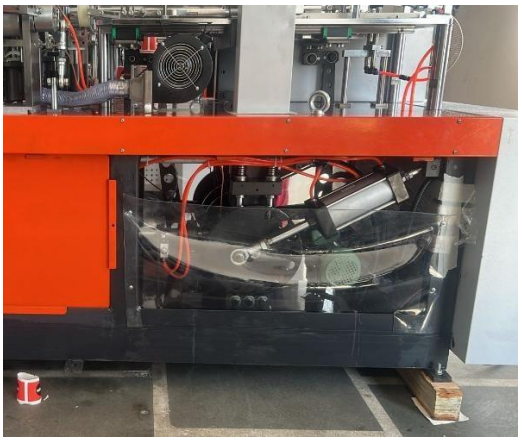
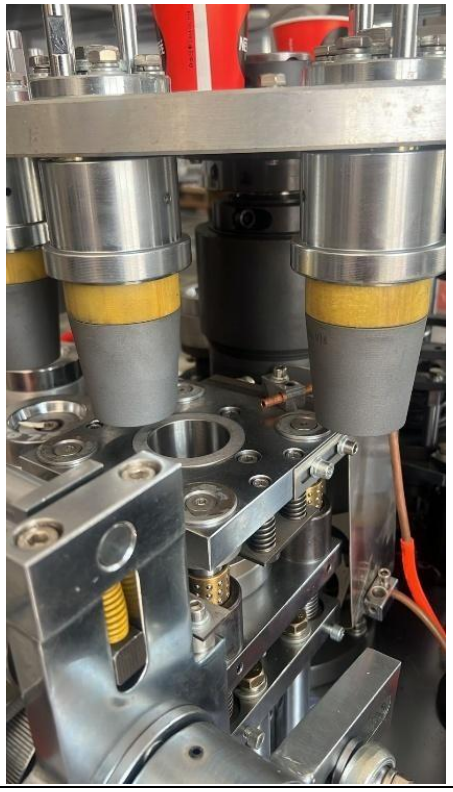


Oil Spill Protection:

An oil spill protection sheet in a paper cup manufacturing machine prevents oil spillage and oil leaks, ensuring cleanliness, improved hygiene, and better product quality.

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.





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.

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Electric Panels

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

OMEGA 2000 uses parts from a leading top brand, SCHNEIDER, making it even more reliable.

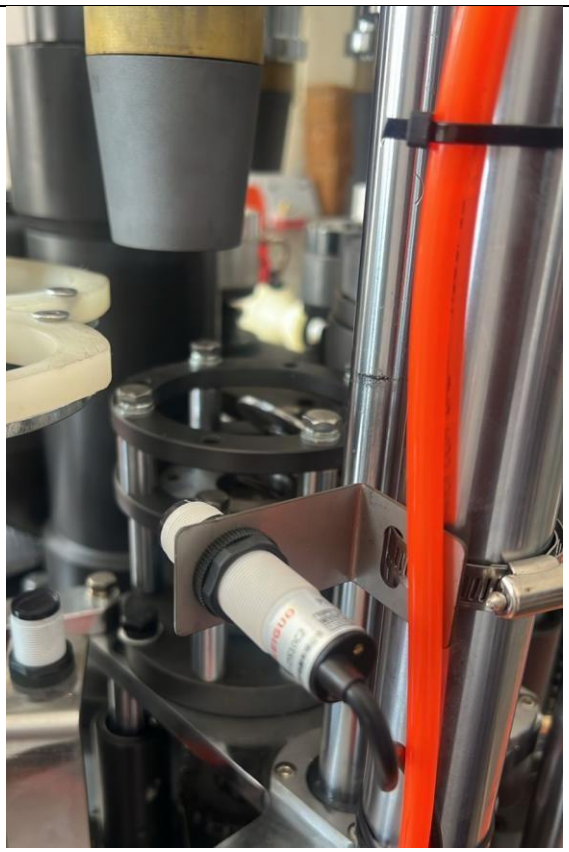






Counting Sensor:

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

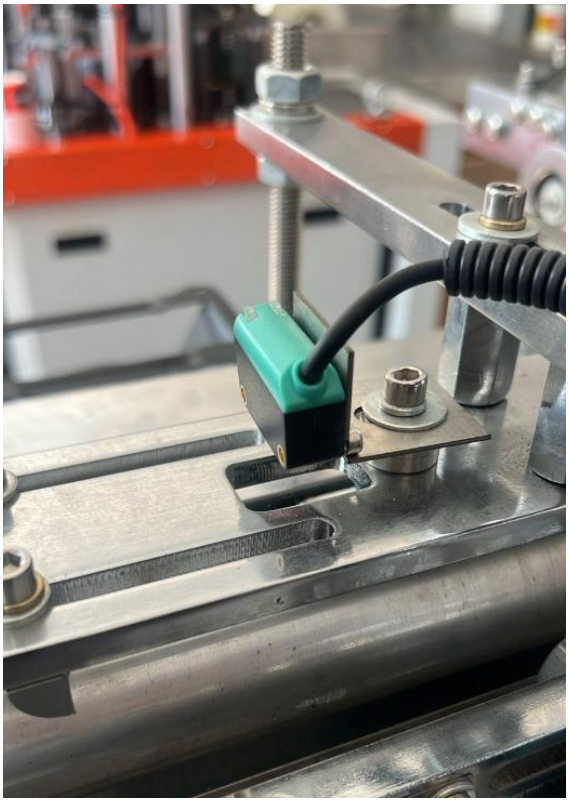


Ready Cup Detection Sensor:

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.



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SPECIFICATIONS:

MODEL NO.	**OMEGA-2000**
PRODUCTION SPEED	100-120PCS/MIN
POWER	4KW
PAPER MATERIALS	Single PE (normal heaters) Double PE (ultrasonic)
PAPER GRAMAGE	130-250gsm 150-350gsm (ultrasonic and hot air)
SIZES	30ML-250ML
WEIGHT	2000KG
PAPER CUP SPECIFICATIONS	TOP: 35-90 mm HEIGHT: 40-92 mm BOTTOM: 30-53 mm
DIMENSIONS	2100x2000x1720

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OPTIONAL ATTACHMENTS WITH OMEGA 2000S

HOT AIR SYSTEM	**PLC**
	
BLOWER FOR HOT AIR	**SERVO BOTTOM FOR BOTTOM PAPER**
	
ULTRASONIC	**CUP COLLECTOR**
	

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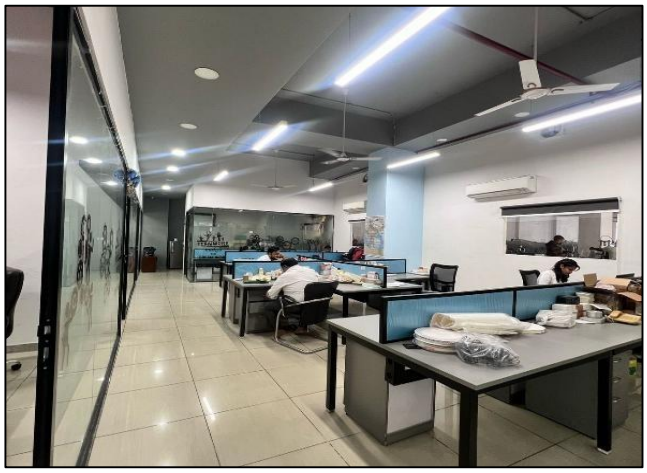
Factory Pictures:













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OTHER PRODUCTS:

1. New Top High Speed Paper Cup Machine (150-170pcs/min)
2. ALPHA 110s Paper Cup Machine
3. Ripple Paper Cup Machine
4. Double Wall Cup Machine
5. High Speed Paper Plate/Bowl Machine
6. Paper Container Machine
7. Single and Double Layer Lid Machines
8. Carton Erection Machine
9. Food Box and Tray Machine
10. Muffin Cup Making Machine
11. Roll Die Cutting Machine
12. Flexo Printing Machine
13. PE Extruder Coating Machine
14. PLA/PP Straw Making Machine

Some More Products:

1. Paper Cup Blanks and Bottom
2. Ripple Blanks
3. Coated Paper Circles
4. LD, PE and PP Lamination

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