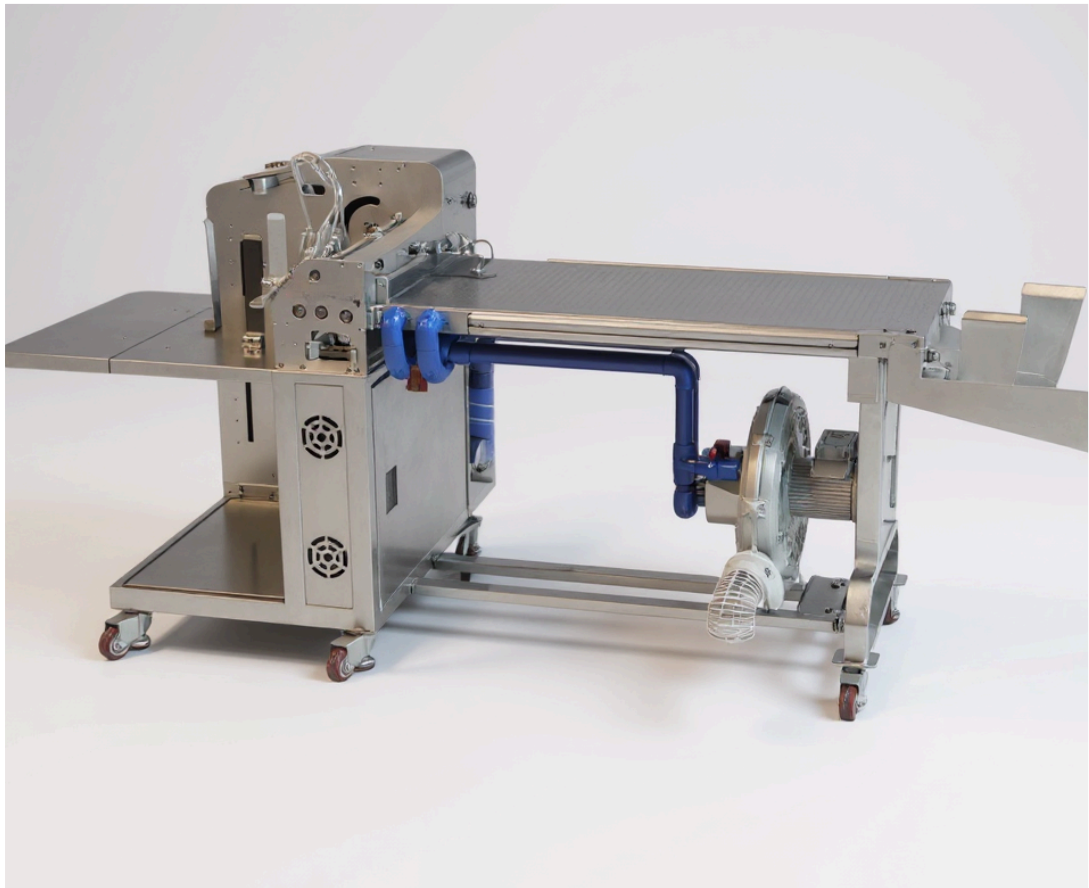


## LATEST VACUUM FEEDER

# AIR FEEDER



### BY-VF500-S

Intelligent Air Feeder BY-VF500-S is an advanced vacuum feeding system designed for ultra-thin, ultra-soft, and high-static materials. Its up-suction air feeding technology ensures smooth, scratch-free, and accurate product separation.

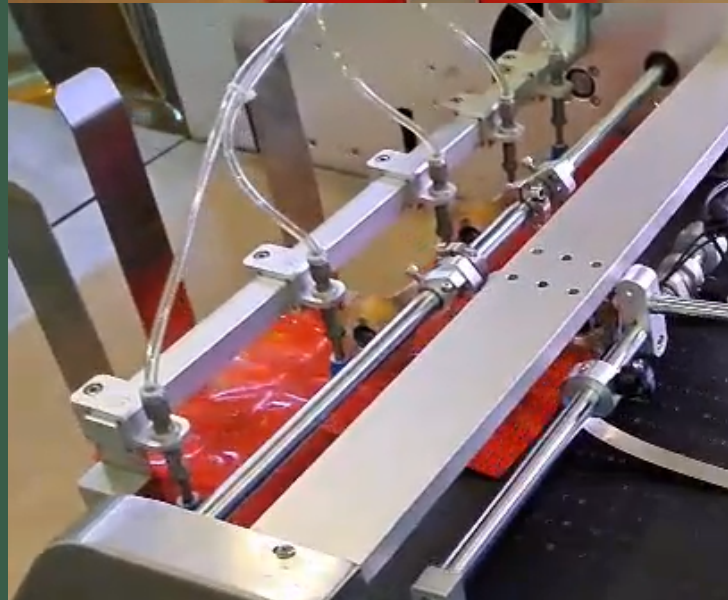
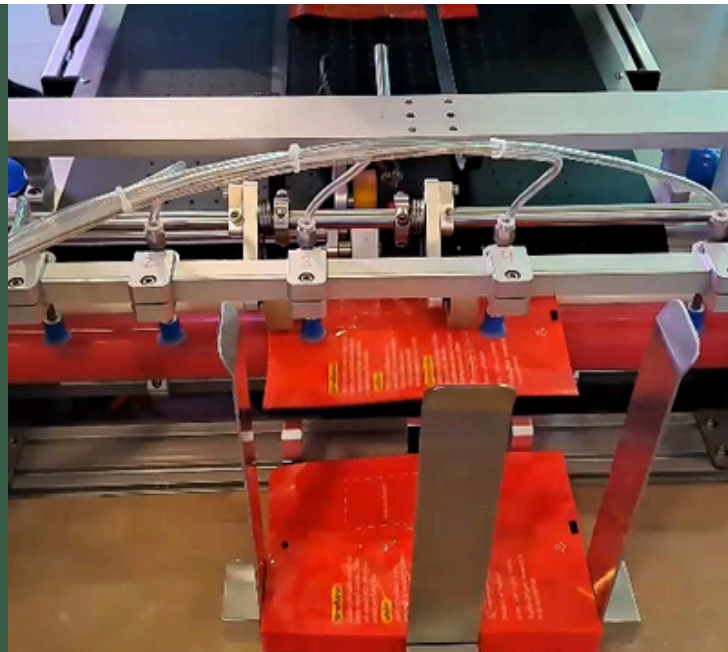


## INTELLIGENT AIR FEEDER BY-VF500-S

The feeder supports a large stack height and integrates seamlessly with UV inkjet printers, laser coders, and TTO printers for high-quality variable data printing such as dates, text, multi-line content, barcodes, and QR codes. The printing result is clean, precise, and visually consistent.

### Key Features & Benefits

- Designed for ultra-thin, soft, and static-prone products
- Vacuum up-suction feeding for gentle, non-contact handling
- Suitable for scratch-sensitive materials
- Large loading tray supporting 200-300 mm stack height
- Compatible with UV Inkjet / Laser / TTO printers
- Ideal for QR codes, variable data, and multi-line printing
- Stable feeding with accurate positioning
- Optional double-sheet detection for higher reliability



# TECHNICAL PARAMETER

Item	Specification
Model	BY-VF500-S
Voltage	220 VAC, 50 Hz
Power	Approx. 2.0 kW (including 1 vacuum pump)
Weight	Approx. 250 kg
Dimensions	As per machine drawing
Feeding Method	Up-suction cup feeding & up-out
Conveyor Speed	0-50 m/min
Feeding Efficiency	Approx. 30-40 pcs/min (depends on product size)
Stack Height (One Time)	Approx. 200-300 mm (product dependent)
Control System	PLC + transformer or DC brushless motor
Double Detection Accuracy	±0.1 mm (optional)
Available Product Size	L 100-550 × W 100-480 × H 0.05-1 mm
Suitable Materials	Labels, plastic bags, PE bags, PP film, PVC film, ultra-thin & airtight
Sample Test	Recommended for final confirmation

# MACHINE DRAWING

