

NKVFRS-50/100/150/200/250 Automatic Injectable Vial Filling & Stoppering Machine



N.K Industries, a pioneer in the industry, proudly presents a range of Automatic Injectable Vial Filling & Stoppering Machines, designed to cater to the intricate needs of pharmaceutical companies. Specifically tailored for the complex injectable units, our machines excel in filling liquids and applying rubber stoppers simultaneously in a single, seamless process.

With a wide array of configurations, including 2 head, 4 head, 6 head, 8 head, and 12 head, our machines cater to both low and high production demands, empowering your production line to reach new heights of efficiency and productivity.

Unmatched precision is at the heart of our design, with the "No Vial - No Fill" system and "No Vial - No Rubber Stopper" system ensuring optimal filling and stoppering processes. This intelligent feature prevents any wastage and guarantees that only properly placed vials are filled and stoppered, minimizing errors and maximizing quality.

At N.K Industries, we understand the unique requirements of pharmaceutical companies. Our Automatic Injectable Vial Filling & Stoppering Machines can be further customized with various optional accessories, including ceiling-mounted suspended Laminar Flow hoods, Toughened Glass Safety cabinets, Pre and Post nitrogen flushing units, and more, enabling you to create the perfect setup for your specific needs.

Quality and compliance are at the forefront of our approach, and our machines are designed to meet the highest industry standards, ensuring that your injectable formulations are produced in a safe and controlled environment.

Choose N.K Industries as your trusted partner in pharmaceutical excellence. Contact us today to explore how our Automatic Injectable Vial Filling & Stoppering Machines can transform your production line, elevate efficiency, and maintain the highest standards of quality and safety. Embrace innovation and precision with N.K Industries as your dedicated manufacturing partner.

Salient Feature:

- Compact and Modular Design with CGMP Model.
- Contact Parts: Made of AISI 316 stainless steel to ensure compatibility with the liquid being filled.
- Body Structure: Built using AISI 304 stainless steel for durability and hygiene.
- Filling Range: Suitable for filling volumes ranging from 1 ml to 100 ml.
- Easy Removal of Autoclavable Parts: Individual parts required for autoclaving/sterilization can be easily removed, avoiding the need to shift the entire machine.
- Co-Eccentric Nozzles: Enable rapid and accurate liquid filling along with nitrogen flushing.
- No Vial - No Filling System: Ensures filling occurs only when vials are present, reducing wastage.
- No Rubber Stopper - Machine Stop System: Prevents filling when rubber stoppers are missing, ensuring quality control.
- Suitable for Dry and Wet Rubber Stoppers: Supplied with a liquid collection tray for efficient operation.
- Minimal Changeover Time: Allows quick and easy switching between different container sizes or fill volumes.
- CE Certified Electronics, Gear Motor, and Gearbox: Ensures safety and compliance with international standards.

Technical Specification:

Model	NKVFRS-50	NKVFRS-100
Name	Automatic Double Head Vial Filling & Stoppering Machine	Automatic Four Head Vial Filling & Stoppering Machine
Direction	Left To Right	Left To Right
Production Rate	Up To 50 Vial / Minute	Up To 100 Vial / Minute
Number Of Head/Syringe	2 Head	4 Head
Filling Size	1 MI To 100 MI	1 MI To 100 MI
Filling Accuracy	± 1 % On Single Dose	± 1 % On Single Dose
Power Consumption	2 HP	2.25 HP
Input Vial Diameter (mm)	16 MM To 50 MM MAX.	16 MM To 50 MM MAX.
Vial Height (mm)	Up To 75 Mm Max	Up To 75 Mm Max
Rubber Stopper	13mm/ 20mm (Slotted & Non-Slotted)	13mm/ 20mm (Slotted & Non-Slotted)
Electrical Connection	440 V ,3 Phase (4 Wire System) 50 HZ	440 V ,3 Phase (4 Wire System) 50 HZ
Air Pressure	6 Bar Pressure 0.5 CFM	6 Bar Pressure 0.5 CFM
Height Of Conveyor	Adjustable From 800 To 850 Mm	Adjustable From 800 To 850 Mm
Dimension	1500 X 800 X 1400	1800 X 800 X 1400
(L X W X H) Mm		

Model	NKVFRS-150	NKVFRS-200
Name	Automatic Six Head Vial Filling & Stoppering Machine	Automatic Eight Head Vial Filling & Stoppering Machine
Direction	Left To Right	Left To Right
Production Rate	Up To 150 Vial / Minute	Up To 180 Vial / Minute
Number Of Head/Syringe	6 Head	8 Head
Filling Size	1 MI To 100 MI	1 MI To 100 MI
Filling Accuracy	± 1 % On Single Dose	± 1 % On Single Dose
Power Consumption	2.25 HP	2.75 HP
Input Vial Diameter (mm)	16 MM To 50 MM MAX.	16 MM To 50 MM MAX.
Vial Height (mm)	Up To 75 Mm Max	Up To 75 Mm Max
Rubber Stopper	13mm/ 20mm (Slotted & Non-Slotted)	13mm/ 20mm (Slotted & Non-Slotted)
Electrical Connection	440 V ,3 Phase (4 Wire System) 50 HZ	440 V ,3 Phase (4 Wire System) 50 HZ
Air Pressure	6 Bar Pressure 0.5 CFM	6 Bar Pressure 0.5 CFM
Height Of Conveyor	Adjustable From 800 To 850 Mm	Adjustable From 800 To 850 Mm
Dimension	1800 X 800 X 1400	2000 X 900 X 1400
(L X W X H) Mm		

Model	NKVFRS-250
Name	Automatic Twelve Head Vial Filling & Stoppering Machine
Direction	Left To Right
Production Rate	Up To 200 Vial / Minute
Number Of Head/Syringe	12 Head
Filling Size	1 MI To 100 MI
Filling Accuracy	± 1 % On Single Dose
Power Consumption	3.75 HP
Input Vial Diameter (mm)	16 MM To 50 MM MAX.
Vial Height (mm)	Up To 75 Mm Max
Rubber Stopper	13mm/ 20mm (Slotted & Non-Slotted)
Electrical Connection	440 V ,3 Phase (4 Wire System) 50 HZ
Air Pressure	6 Bar Pressure 0.5 CFM
Height Of Conveyor	Adjustable From 800 To 850 Mm
Dimension	2300 X 1000 X 1400
(L X W X H) Mm	