

NKLSC-150GM Automatic 24 Head Rotary Liquid Filling Machine & 8 Head Pick And Place Capping Machine



In the ever-evolving pharmaceutical, chemical, cosmetic, and nutraceutical sectors, automation is the key to enhancing efficiency, maintaining consistency, and ensuring regulatory compliance. Among the vital components of a packaging line, the liquid filling and capping machine plays a critical role in maintaining product integrity and production throughput.

N.K. Industries, a trusted name in the packaging machinery sector, introduces a high-speed solution to meet modern manufacturing demands — the 24 Head Rotary Liquid Filling Machine integrated with an 8 Head Pick and Place Capping Machine. This high-capacity, gear pump-based monoblock system is meticulously designed to handle a wide range of liquid viscosities while ensuring absolute filling precision and capping reliability.

Machine Overview

The 24 Head Rotary Liquid Filling Machine operates on a continuous rotary motion principle, equipped with a gear pump system that delivers exact fill volumes. It's engineered for smooth integration with the 8 Head Pick and Place Capping Machine, which precisely positions and seals caps on bottles, ensuring tamper-evident and leak-proof closures.

Technical Specifications

Model	NKLSC-150GM
Filling Mechanism	Gear Pump
Filling Heads	24
Capping Heads	8
Output Speed	Up to 130 BPM (Depends on product and volume)
Fill Volume Range	10 ml to 1000 ml (Adjustable)
Bottle Diameter	25 mm to 85 mm
Bottle Height	50 mm to 220 mm
Cap Diameter	20 mm to 55 mm
Filling Accuracy	±1%
Power Supply	415V / 50 Hz / 3 Phase
Power Consumption	Approx. 5 kW
Compressed Air Requirement	4-6 CFM @ 6 Bar
Construction Material	SS 304 with contact parts in SS 316
Machine Dimensions (LxWxH)	Approx. 3000 x 1500 x 1800 mm
Net Weight	Approx. 1200 kg