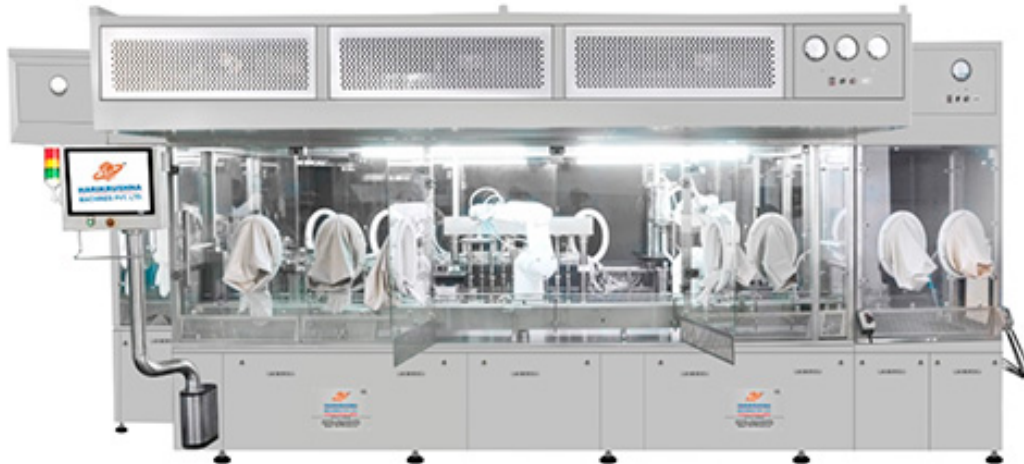




Robotic Pre-Filled Syringe Packaging Line



Introducing the revolutionary PFS Robotic System by Harikrushna Machines Pvt. Ltd. (HMPL Sterile) - a game-changer in pharmaceutical automation. Our 10-Head Pre-Filled Syringe Filling & Stoppering Machine is fully robotic, offering unmatched precision, efficiency, and reliability in syringe production. HMPL Sterile's PFS Robotic System exemplifies robotic precision, meticulously controlling each step of the filling and stoppering process to deliver consistent and accurate results every time. Operating with ten heads simultaneously, it achieves high-speed performance and impressive throughput, maximizing productivity while upholding quality standards. Designed for versatility, the system accommodates various syringe sizes and formulations, meeting diverse manufacturing needs with ease. Its user-friendly interface and intuitive controls ensure seamless operation. Integrated sensors and monitoring systems uphold stringent quality assurance throughout production, ensuring compliance with industry standards. Featuring an efficient stoppering mechanism, it securely seals syringes to prevent contamination and maintain product integrity. The system facilitates easy integration into existing production lines, minimizing downtime and facilitating smooth workflow transitions. This system is suitable for packaging nested vials, pre-filled syringes, and dental cartridges.

Features

- ***Robotic Precision:*** Each step of the filling and stoppering process is meticulously controlled by advanced robotics, ensuring consistent and accurate results every time.
- ***High-Speed Performance:*** With ten heads operating simultaneously, our system boasts impressive speed and throughput, maximizing productivity without compromising quality.
- ***Versatile Compatibility:*** Designed to accommodate various syringe sizes and formulations, our system offers flexibility to meet diverse manufacturing needs.
- ***User-Friendly Interface:*** Intuitive controls and a user-friendly interface make operation seamless, requiring minimal training for operators.

- Quality Assurance: Built-in sensors and monitoring systems maintain strict quality control throughout the production process, guaranteeing compliance with industry standards.
- Efficient Stoppering Mechanism: Our innovative stoppering mechanism ensures secure closure of syringes, preventing contamination and preserving product integrity.
- Easy Integration: The PFS Robotic System seamlessly integrates with existing production lines, minimizing downtime and facilitating smooth workflow transitions.

Technical Data

Sample Products	Nested Vials, Pre-filled Syringes, and Dental Cartridges
Sample Product Size	0.1 ml to 10 ml
Types of Drugs	Highly Viscous, Semi-Viscous, Gel, Suspension, Oily, Aqueous
Output Speed	Up to 120 products per minute