



IV Solution Production Line with Non-PVC Soft Bags SRD-series



IVEN Pharmatech Engineering proudly presents its cutting-edge Non-PVC soft bag IV solution production line, incorporating the latest advancements in technology. This sophisticated system seamlessly executes film feeding, printing, bag manufacturing, filling, and sealing within a single, integrated machine.

Engineered for adaptability, our production line accommodates 50-5000ml Non-PVC soft bags, catering to a diverse array of solutions, including general, special, dialysis, parenteral nutrition, antibiotics, irrigation, and disinfectant solutions. The machinery offers an extensive range of PP bag designs, featuring options such as single boat-type ports, single/double hard ports, double soft tube ports, and more.

Experience unparalleled precision and flexibility in IV solution manufacturing through IVEN Pharmatech Engineering's state-of-the-art production solutions.

This holistic approach to automation enhances productivity and minimizes the risk of human error, resulting in Non-PVC soft bags of the highest quality. The synchronized coordination of film feeding, printing, bag making, filling, and sealing exemplifies the cutting-edge capabilities of IVEN Pharmatech Engineering's production line, positioning it at the forefront of modern manufacturing in the healthcare industry.

Product Features

- 100% film utilization: No waste edge between bags, reducing both material and energy consumption.
- Reliable heating and welding system: Leakage rate less than 0.03%.
- Quick changeover: 0.5-1 hour to switch from one size to another.
- Compact structure, reduce 1/3 length of the machine, save room space and running cost.
- Stable running and transmission system: only need 1 control system, 1 HMI and 1 operator.
- Safe filling nozzle: No solution overflows, no particles generation.
- Auto detection and faulty rejection system.

Technical Specifications

Item		Main Content			
Model		SRD1A	SRD2A	SRS2A	SRD3A
Actual Production Capacity	100ML	1000	2200	2200	3200
	250ML	1000	2200	2200	3200
	500ML	900	2000	2000	2800
	1000ML	800	1600	1600	2200
Power Source		3 Phase 380V 50Hz			
Power		8KW	22KW	22KW	26KW
Compressed Air Pressure		Dry and oil-free compressed air, the cleanliness is 5um,the pressure is over 0.6Mpa.The machine will automatically warn and stop when the pressure is too low			
Compressed Air Consumption		1000L/mim	2000L/mim	2200L/mim	2500L/mim
Clean Air Pressure		The pressure of clean compressed air is over 0.4Mpa, the cleanliness is 0.22um			
Clean Air Consumption		500L/min	800L/min	600L/min	900L/min
Cooling Water Pressure		>0.5kgf/cm2 (50kpa)			
Cooling Water Consumption		100L/H	300L/H	100L/H	350L/H
Nitrogen Consumption		According to the customer's special requirements, we can use the nitrogen to protect the machine, the pressure is 0.6Mpa. The consumption is less than 45L/min			
Running Noise		<75dB			
Room requirements		Temperature of the environment should $\leq 26^{\circ}\text{C}$, the humidity: 45%-65%, Max. humidity should less than 85%			
Overall Size		3.26x2.0x2.1m	4.72x2.6x2.1m	8x2.97x2.1m	5.52x2.7x2.1m
Weight		3T	4T	6T	5T

Item		Main Content			
Model		SRD4A	SRS4A	SRD6A	SRD12A
Actual Production Capacity	100ML	4000	4000	5500	10000
	250ML	4000	4000	5500	10000
	500ML	3600	3600	5000	8000
	1000ML	3000	3000	4500	7500
Power Source		3 Phase 380V 50Hz			
Power		32KW	28KW	32KW	60KW
Compressed Air Pressure		Dry and oil-free compressed air, the cleanliness is 5um,the pressure is over 0.6Mpa.The machine will automatically warn and stop when the pressure is too low			

Compressed Air Consumption	3000L/mim	3800L/mim	4000L/mim	7000L/mim
Clean Air Pressure	The pressure of clean compressed air is over 0.4Mpa, the cleanliness is 0.22um			
Clean Air Consumption	1000L/min	1000L/min	1200L/min	2000L/min
Cooling Water Pressure	>0.5kgf/cm2 (50kpa)			
Cooling Water Consumption	500L/H	250L/H	400L/H	800L/H
Nitrogen Consumption	According to the customer's special requirements, we can use the nitrogen to protect the machine, the pressure is 0.6Mpa. The consumption is less than 45L/min			
Running Noise	<75dB			
Room requirements	Temperature of the environment should $\leq 26^{\circ}\text{C}$, the humidity: 45%-65%, Max. humidity should less than 85%			
Overall Size	6.92x2.6x2.1m	11.8x2.97x2.1m	8.97x2.7x2.25m	8.97x4.65x2.25m
Weight	6T	10T	8T	12T