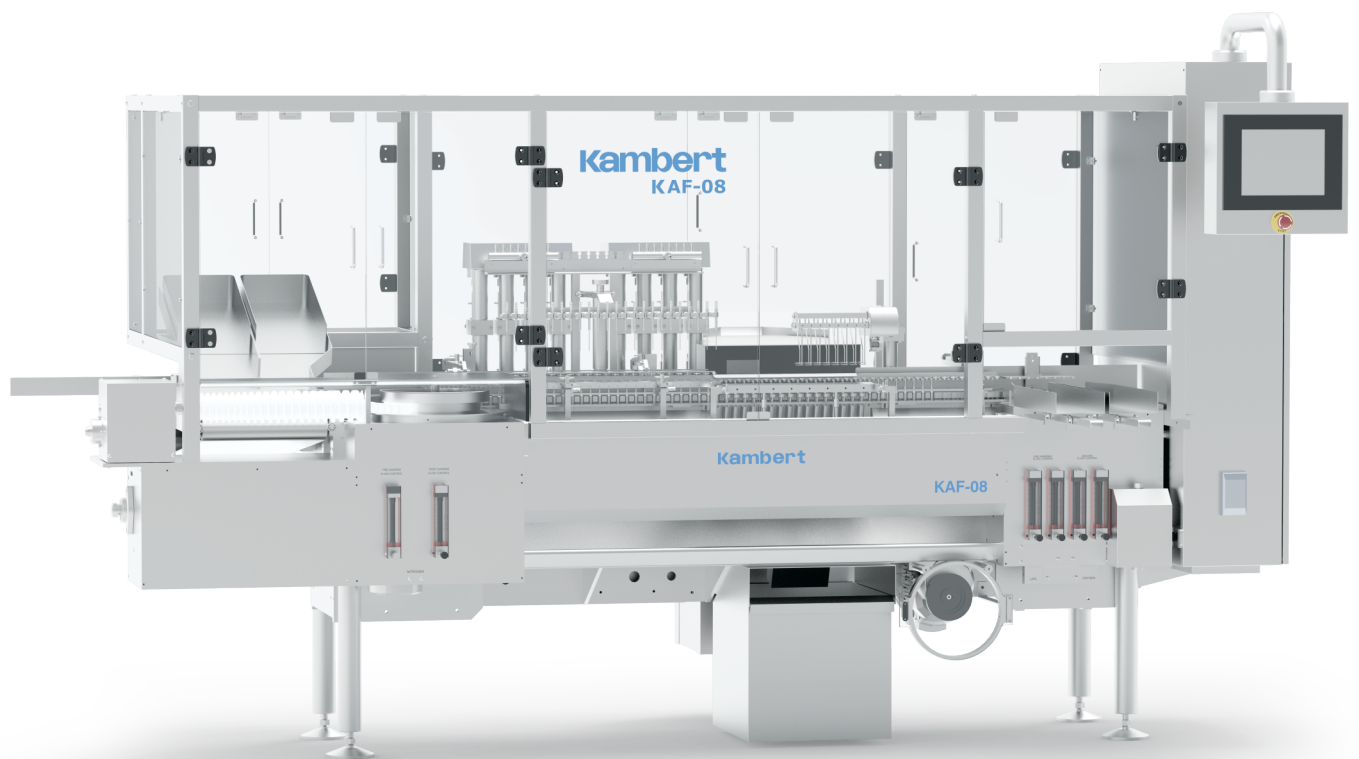


Kambert

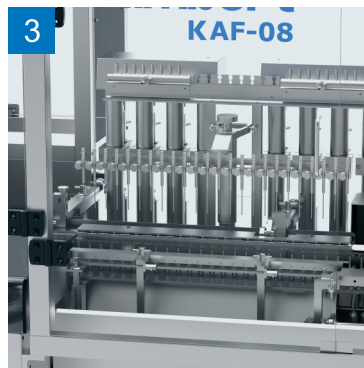
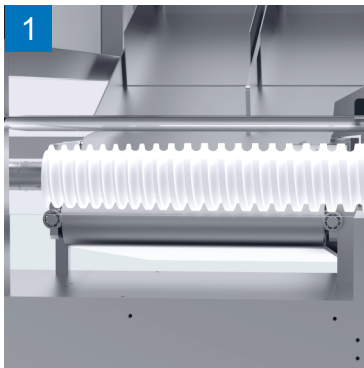


KAF **HIGH SPEED AMPOULE FILLING AND SEALING MACHINE**

KAF

The Kambert Ampoule filling machines are engineered for optimal reliability in container handling, filling, and sealing processes. They feature a precision feeding system that gently spaces ampoules with slow-motion feed screws and smooth acceleration by the transfer wheel. The machines include advanced gas flushing and filling stations with pre/post-sealing gas flushing and a precise 3-point centering system for accurate filling.

Accessibility is enhanced with easy visibility of workstations and convenient maintenance features like a tilt-away burner station. The linear conveying system ensures precise ampoule spacing and vertical alignment, reducing operational issues and enhancing overall efficiency.

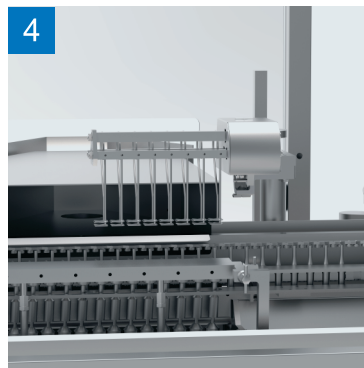


1. PRECISION FEEDING SYSTEM

The ampoule feed system handles ampoules delicately, using a slow-moving feed screw for precise spacing and a transfer wheel for smooth acceleration onto the conveying system.

2. PRE & POST GASSING SYSTEM WITH FLOW CONTROL

The machine's pre- and post-sealing gas flushing, combined with product dispensing while the ampoule is at rest, ensures trouble-free filling.



3. FILLING STATION

The rotary piston syringe filling station is used to control liquid flow. The "no ampoule, no filling" system ensures liquid is only dispensed when an ampoule is detected, enhancing precision and reducing waste.

4. AMPOULE SEALING STATION

Continuous rotary motion ensures neat, leak-tight, and uniform seals, while a heat extraction system opposite the torch maintains sealing quality.

STANDARD FEATURES

- | PLC with HMI Control with 6" touch screen
- | Contact parts SS 316
- | Maximum efficiency with minimum breakage of rejections
- | Overhung construction
- | Linear conveying system
- | Reliable precision filling (Without wetting the tip)
- | No ampoule No filling system
- | Simple size change over
- | Constant product quality
- | Pre and Post gassing station
- | Nitrogen, LPG & Oxygen interlock system
- | Out feed counting sensor
- | Backlock sensor
- | Any one size of change part fitted with machine

OPTIONAL FEATURES

- | Servo filling system with 10" Color touch screen
- | Auto ignition system
- | LPG Leak detection system
- | Laminar air flow system (LAF)
- | SS Frame with Polycarbonate OR Toughened glass door with safety interlock
- | Change part set
- | Contact parts SS 316L
- | Buffer tank for liquid

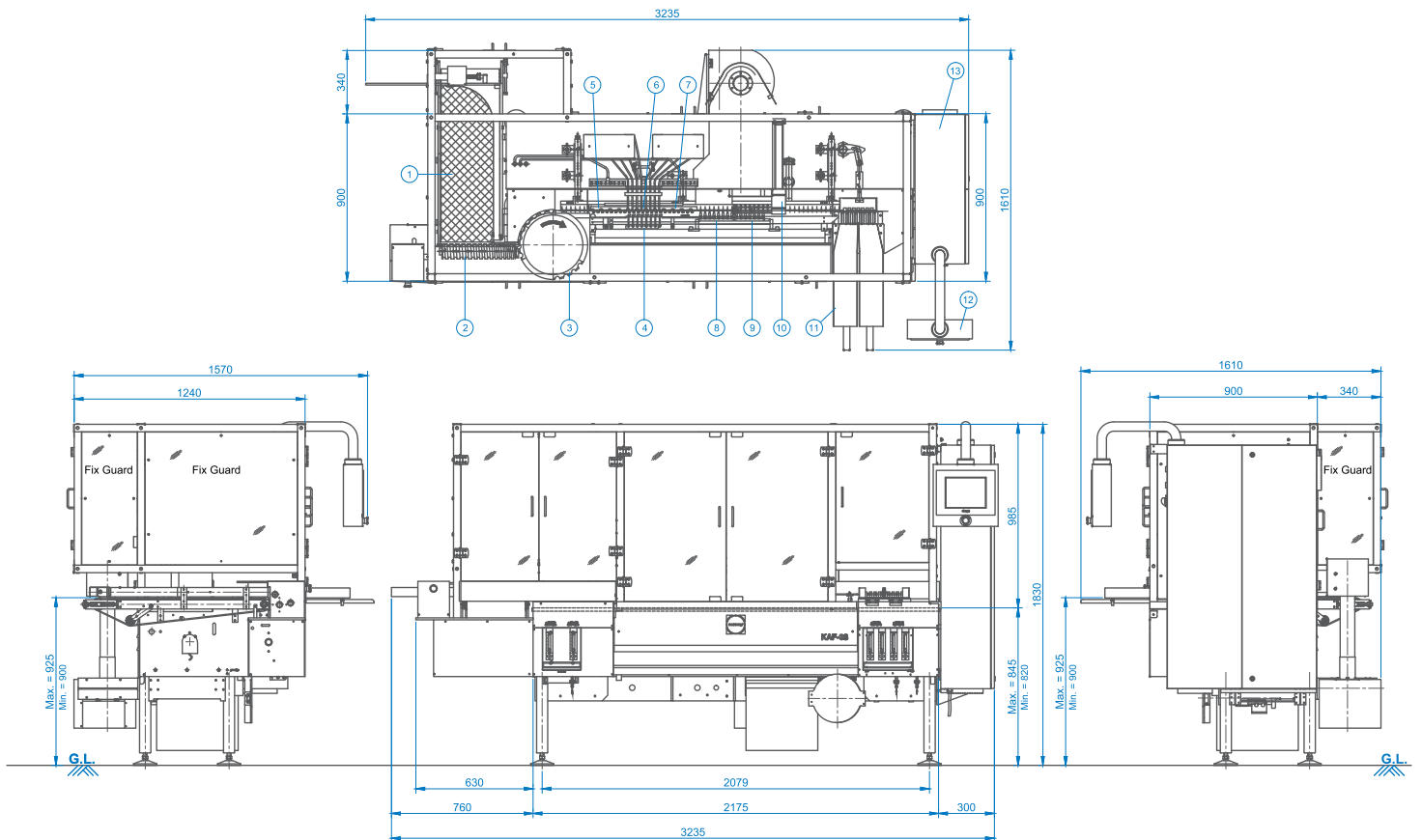


KAF
HIGH SPEED AMPOULE FILLING AND SEALING MACHINE

TECHNICAL SPECIFICATIONS

MODEL		KAF-04	KAF-06	KAF-08	KAF-12
No. of Head		4	6	8	12
Direction of movement		Left to right			
Max Output / Minute*		150	240	300	400
Filling range-ml		1 to 20	1 to 20	1 to 10	1 to 10
Filling Accuracy		±1%			
Receptacle range	Diameter	9 to 22		9 to 17	9 to 17
	Height (Open Ampoule)	60 to 130		60 to 105	60 to 105
Electric motor	Main motor	0.5 hp			1 hp
	Amp Revolving motor	0.25 hp			
	Conveyor motor	0.25 hp	Not Require	0.25 hp	0.25 hp
Utility	Electric	3 Phase, 415V, 50 Hz			
	Nitrogen Consumption	1 m3/h	1.5 m3/h	2 m3/h	3 m3/h
	LPG Consumption	0.6 m3/h	0.9 m3/h	1.2 m3/h	1.8 m3/h
	Oxygen Consumption	0.9 m3/h	1.3 m3/h	1.7 m3/h	2.6 m3/h

* Depending upon the Product characteristics, Receptacle quality & size and Filling volume.
Kambert reserves right to make any changes in the catalogue without intimation.



1. Conveyor Belt (S.S. Wire) 2. Ampoule Feed Screw 3. Segment 4. Ampoule Sensing Lever 5. Pre Gasing Station 6. Filling Station 7. Post Gasing Station
8. Burner For Pre Heating 9. Burner For Final Heating 10. Draw-Off Station 11. Discharging Hopper 12. Swing Control Panel 13. Electric Panel Box

Kambert

Kambert Machinery Co. Pvt. Ltd.

79/4, Phase - 1, GIDC Vatva, Ahmedabad - 382 445. (INDIA)

+91 - 079 - 2583 4041 | +91 - 97277 48801

Web: www.kambert.com | Email: info@kambert.com