

HI-SPEED ULTRA MODERN FILLING MACHINE

25000 PACKS PER HOUR



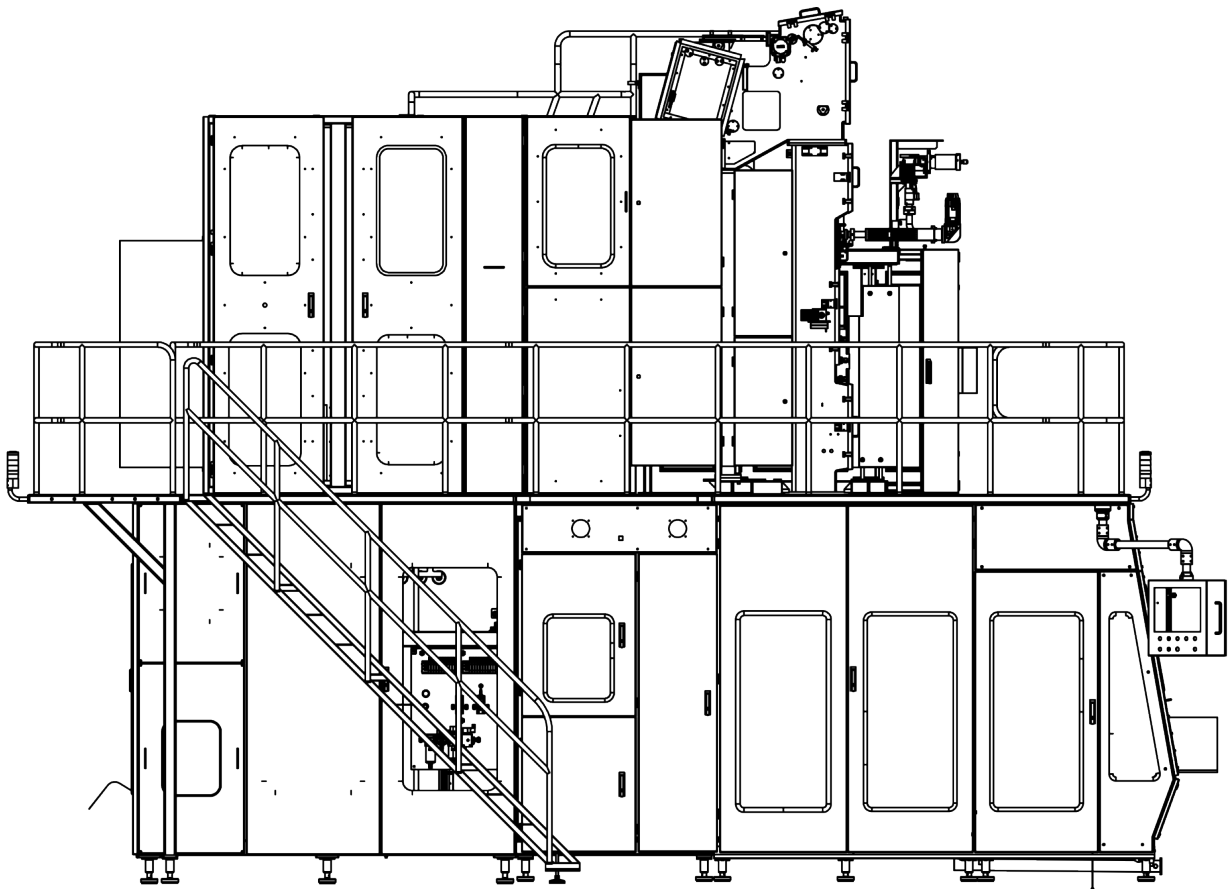
SPEED PLUS
25K

WHY SPEEDPLUS 25000

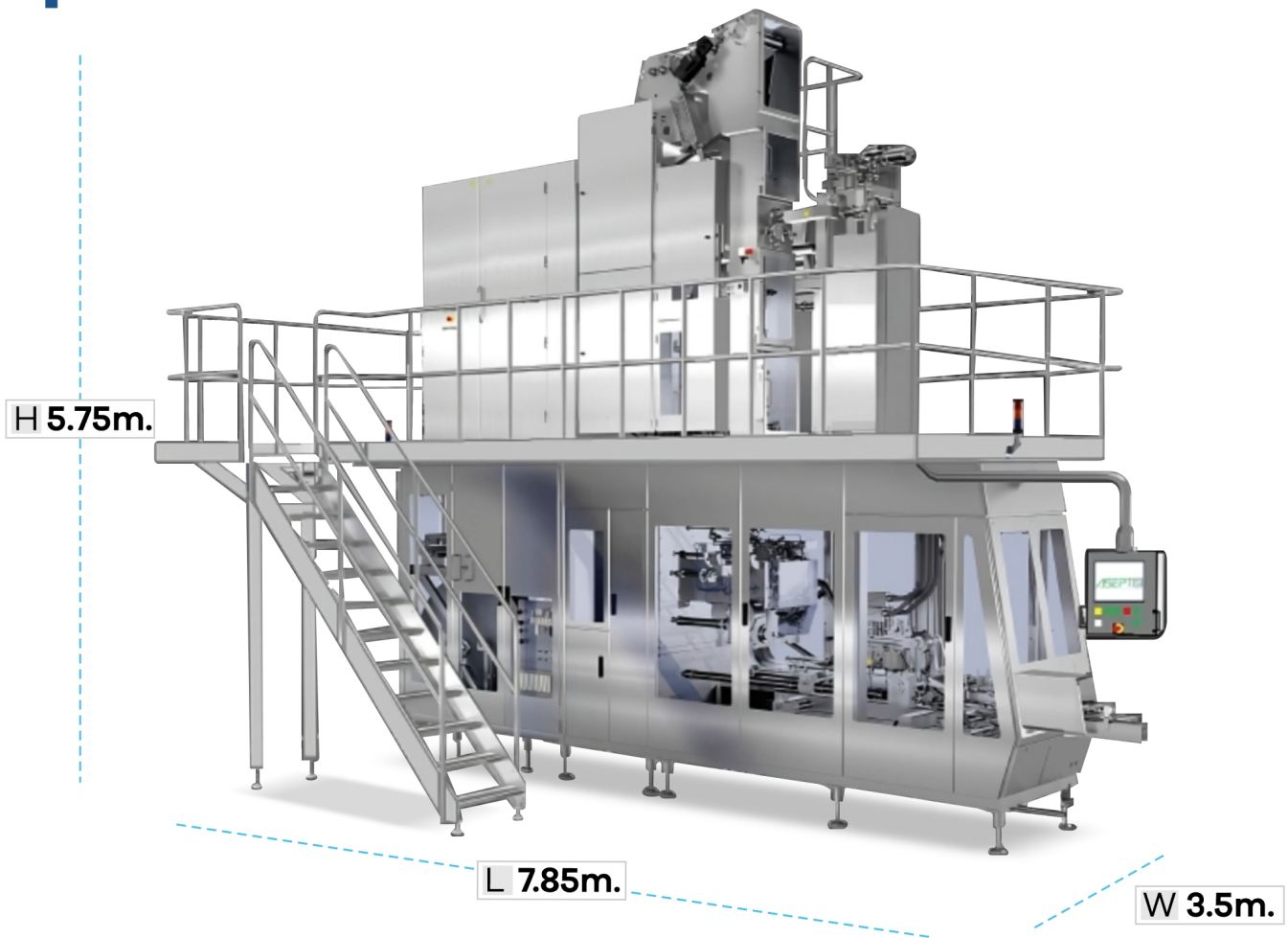
Filling machines are the core of the aseptic beverage production and packaging line. Therefore, the more dynamic and flexible they are, the easier it is to complete packaging. Asepto's SpeedPlus25K is one such filling machine with a plethora of features that make it an easy-to-operate, low-cost, and plug-and-play filling machine. It can process a variety of portion packs with just a push of a button.

KEY HIGHLIGHTS

- ❑ High Speed Machine -25000Packs per hour
- ❑ Advanced Integration with PLC
- ❑ Operator friendly HMI
- ❑ Highly Automated
- ❑ Optimum for Dairy & Dairy Alternatives, Fruit Based Beverages & Alcohol.



MACHINE KNOW ABOUTS



SpeedPlus 25000

Is designed with perfection to stand out on performance.

SIZE OF
The Machine
The overall size of
7.8M(L) x 5.75M(H) x 3.5M(W)
makes it efficiently compact.



ENERGY CONSUMPTION
Of The Machine
The energy consumption
during production is 35 kW



WEIGHT OF
The Machine
The machine is designed
with an Ideal weight of
16000 kg.



INNOVATIVE DESIGN
Of The Machine
It is designed with fewer
mechanical parts which
reduce the downtime and
overall maintenance cost

MACHINE SPECIFICATIONS

CAPACITY	
Packages per hour	25000
Package volumes (ml)	200ml Slim
ELECTRIC POWER	
Type, Frequency Hz, Voltage V	3 ϕ AC,N,E,50,400 (+/-5V)
Consumption during Preheating - 1, kW	7
Consumption during Preheating - 2, kW	26
Consumption during Tube Sealing, kW	22
Consumption during Preheating - 3, kW	35
Consumption during Drying, kW	30
Consumption during Production, kW	35KWJ / 16KWAL
COMPRESSED AIR	
Supply pressure, (bar)	6 - 7
Consumption, CFM	50
Max particles, micron (required)	20
Max particles, mg/m3 (required)	25
Dew point °C	3
Oil content, mg/m3	0.01
COOLING WATER	
Supply pressure, (bar)	4 - 4.5
Max. inlet temperature, °C	15-18
Consumption, l/min*	18-22
pH	5 - 8

HYDROGEN PEROXIDE H2O2	
Type	35% Aseptic grade
Consumption L/H	3-5
PRODUCT	
Supply pressure bar	0.5-3.5
Maximum pressure fluctuation bar	0.5
pH	2.5-8.0
Filling temperature	5-40
Citrus fibers	< 5%
Particles	Absent
EXTERNAL CLEANING	
Supply pressure bar	3-4.5
Hot water consumption liter / cycle	300
Hot water temperature C	60-70
Special detergent consumption liter / cycle	1.0
Detergent pH	8-12
CLEANING IN PLACE CIP	
Inlet Pressure - Bar	3.5
Maximum Flow L/H	8000-10000

MACHINE RUN ON 3 SPEED	
16000 PPH	
20000 PPH	
25000 PPH	

AIR / INERT GAS INJECTION AVAILABLE AS OPTION			
Based on application, approx. 10% (By Volume) of the Space can be filled with Sterile Air or with Inert Gas (Nitrogen).			
FILL VOLUMES POSSIBLE WITH ADDITIONAL CHANGE OVER KIT			
100 ml (Base)			
125 ml (Slim)			
160 ml (Slim)		150ml U Slim	
200 ml (Slim)			
DIMENSIONS OF PACKAGES			
Asepto Brick Pack Volumes	Dimensions, mm		
cm3 (ml)	h	t	w
100 Base Pack	69.3	32	47
125 Slim Pack	86	32	47
160 Slim Pack	93.5	38	47
200 Slim Pack	119.3	38	47
Splicing table provided for joining packaging material during roll change over.			
STEAM			
Supply pressure (Bar)	2.4 Kg/Hr		
Max pressure fluctuation (Bar)			
Temperature C			
Consumption Kg/H			

LUBRICATION	
Grease consumption	160cc/1000000 Packs
AMBIENT TEMPERATURE	
Minimum ambient temperature	05
Maximum ambient temperature	50
Recommended ambient temperature	20-26
Noise level Sound dB	<80
Thermal Load	Approx. 15.0 kW \pm 1.0 kW
SPECIAL FEATURE	
Automation & control system	SIEMSNS
Pneumatic control system	SMC
Operating system	SIEMENS
Eye mark correction (Service)	SIEMSNS
Temperature control thru electronic system	SIEMSNS
Display of filling & pack design (For ease of correction)	ON HMI

OPTIONAL ITEMS	
Tools for Operation and Maintenance	
Templates for Machine Setting	
CIP System with Full Automation	
Ink jet printer	

HI Kit

SPEED PLUS **25K**



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