Cremer CFI-622
the new generation in counting

System description

The Cremer CFI-622 counting and filling system consists of a single main frame with a variable number of counting modules. There are 3 different frame designs which support up to 4, 6 or 8 modules.

The revolutionary In Motion Filling System (IMFS) ensures controlled and stable bottle handling with short, single track infeed and outfeed belts without the need for bottle buffering, The machine has a very small footprint which adapts easily in to any production environment.

Simplicity

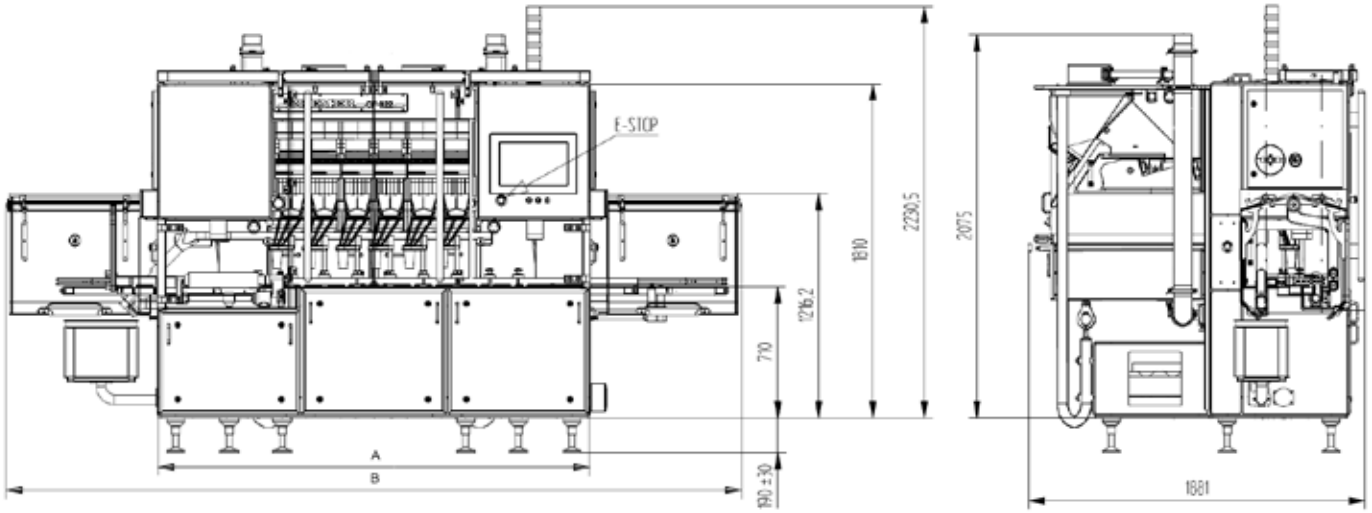
- Ease of operation with a minimal number of settings.
- In Motion Bottle Filling enables user to preset the output required.
- High repeatability.
- Quick product and bottle changeovers by one operator with minimal change parts.
- Easy module slide out for cleaning or maintenance
- No calibration required.

CF-622 module

Main features of the high speed CFI-622 series

- 120 to 360 bottles/minute. (limited by the bottle size)
- Builds with 3 to 8 modules.
- Output typically 35 to 45 discharges per minute per module.
- Each module has 6 channels of 22 mm width.
- Totally servo driven operation for complete control and easy validation.
- Product feed system which ensures a consistent even distribution and completely clears the hoppers.
- Automatic reject and sampling on the fly.
- Handling tablets and capsules ranging in size from 3 to 30mm in length and from 3 to 20 mm in width.
- It accommodates a wide assortment of containers, including round, oval, square and rectangular up to 200 mm high and 125 mm wide.
- Anti-static bar.

Technical specifications
CFI-622



Basic data

Cremer CFI-622		x 3	x 4	x 5	x 6	x 7	x 8		
input voltage	VAC	400 / 480 / 600 (- 15% ~ + 10%)							
electrical connection		3 phase / PE							
frequency	Hz	50 ~ 60							
power consumption	VA	4,200	5,000	6,000	7,000	8,200	9,700		
compressed air supply	Bar/Psi	6 ~ 8 / 87 ~ 116							
compressed air consumption	L/min.	150 (only for unlocking vibratory plates)							
length A	mm	2,000	2,000	2,360	2,360	2,720	2,720		
effective installation length B	mm	3,649	3,649	4,009	4,009	4,369	4,369		
weight	kg	2,180	2,340	2,700	2,860	3,220	3,380		
typical output at 100 count [1]	BPM	120	160	200	240	280	320		
typical output at 30/60 count[1]	BPM	135	180	225	270	315	360		
bottle height	mm	40 ~ 200							
bottle width	mm	20 ~ 125							
product length[2]	mm	3 ~ 30							
product width[2]	mm	3 ~ 20							

Actual speeds depend upon bottle neck diameter, product flow characteristics and the shape and size of the product.

CREMER

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Counting and packaging systems