

**CREMER**

Counting and packaging systems

# CFI-622 Counting & filling system

The high-end "In Motion Filling System" for tablets & capsules

**Cremer's ambition to remain your leading partner in offering both standardised as well as fully customised counting and packaging solutions has lead to a range of the fastest and most efficient bottle filling systems for solid dose products.**

With the CFI-622 series Cremer has defined a new standard for pharma counting and "in motion" bottle filling with most impressive speed and accuracy. Due to its modular design, superior engineering and the versatility to count almost any tablet or capsule and fill a wide range of bottles and containers, the CFI-622 delivers unparalleled performance and productivity.

## Flexibility

The CFI-622 counting and filling system is available in three different models for accommodating four, six or eight CF-622 counting modules. The number of counting modules is defined by the required output. All models have a relatively small footprint and are designed for a seamless integration in any bottle packaging line.

This basic flexible approach combined with its ease of operation, low maintenance requirements and quick, tool-free changeover routines, leaves nothing more to be required of a high standard pharmaceutical counting and filling system.



### Process monitoring



Single track bottle infeed with multiple optical sensors for verifying the presence and correct positioning and transport of bottles.

### High precision



High precision feed screw and pocket wheels for fast and stable bottle transport throughout the whole filling process.

### Optimum efficiency



Patented "In Motion Filling System" for continuous bottle transport, consistent output and optimum efficiency.



## Standard features

- *Transparent enclosure with safety guards*
- *Central product hopper with single or dual inlet*
- *In Motion Filling System*
- *Process verification sensors*
- *Separate bottle reject and sample tracks*
- *Air blow ioniser for static electricity elimination*
- *Touch sensitive HMI control panel*

## Optional features

- *Product eject system*
- *Dust extraction provision*
- *OPC networking capability*
- *Badge or bar code reader system*
- *Vision system or camera connection*
- *Many customised options possible*

## Additional benefits

- *Different models according to output needs*
- *Filling up to 400 bottles per minute*
- *100% counting accuracy*
- *GMP compliant modular design*
- *Small footprint*
- *Easy to clean, low maintenance*
- *Fast and tool-free changeover*
- *Very easy to operate*
- *21CFR part 11 compliant*
- *Easy integration into existing packaging lines*



### Reliability



Single track output with separate reject track to remove unacceptable bottles and sample track for taking random or controlled bottle samples.

### Easy cleaning



Removable counting modules for fast and easy cleaning and tool-free changeover.

### Easy to operate

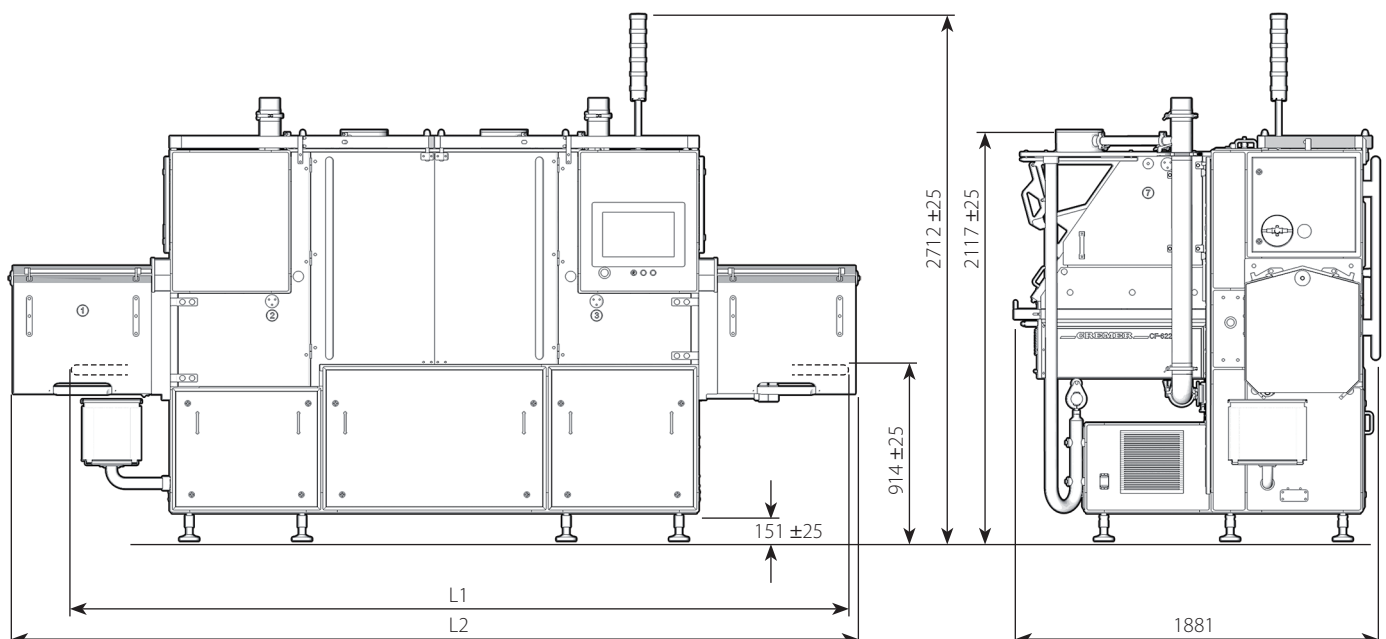


Touch sensitive HMI with intuitive user interface for easy control of the entire machine.



## Technical data

		CFI-622*4	CFI-622*6	CFI-622*8
<b>Configuration</b>	Counting modules	4	6	8
<b>Output</b>	Bottles / min (on average 100 count)	160	240	320
	Bottles / min (on average <60 count)	200	300	400
<b>Bottles</b>	Shape	Round, oval, square, rectangular (also suited for pucks)		
	Material	Glass, Plastic (HDPE, PETE)		
	Height	35 - 200 mm (1.37 - 7.9")		
	Diameter / width	20 - 125 mm (0.8 - 4.9")		
<b>Solids</b>	Type	Tablets (coated and uncoated) , capsules, gelcaps		
	Length	3 - 30 mm (0.12 - 1.18")		
	Diameter / width	3 - 20 mm (0.12 - 0.79")		
<b>Electrical supply</b>	Input voltage	400 / 480 / 600 Vac		
	Electrical connection	3 Phase + PE		
	Max. power consumption	5000 VA	7000 VA	9700 VA
<b>Air supply</b>	Compressed air supply	6 - 8 Bar (87 - 116 psi)		
	Max. air consumption	150 NI/min.	150 NI/min.	150 NI/min.
<b>Machine dimensions</b>	L1	3284 mm (10.77')	3644 mm (11.96')	4004 mm (13.13')
	L2	3634 mm (11.92')	3994 mm (13.10')	4354 mm (14.28')
	Weight (approx.)	2400 kg (5300 lb)	3000 kg (6600 lb)	3600 kg (7900 lb)



# CF-622 Counting module

The new standard in counting tablets and capsules

The innovative and patented CF-622 counting module is the result of extensive engineering and development. Its slim and modular design allows for a variable number of counting modules to be placed into the CFI-622 counting and filling system to meet the precise performance requirements and output.

Servo driven product dosing and vibratory plates provide fast and consistent product flow with very few settings. Six product separator flaps and two additional discharge flaps, all servo controlled, give the 6-channel counting module its unprecedented speed of up to 45 discharges per minute on a count of 100 products.

## 100% accuracy

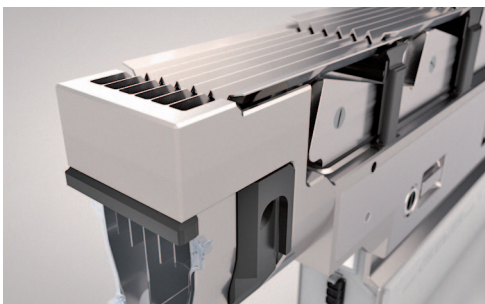
The CF-622 counting module is easy to clean and generally does not require any change parts for different tablet or capsule sizes. Because of its GMP-compliant and modular design, removal of the product contact parts requires no tools, no specific skills and should take no longer than 1 or 2 minutes to perform.

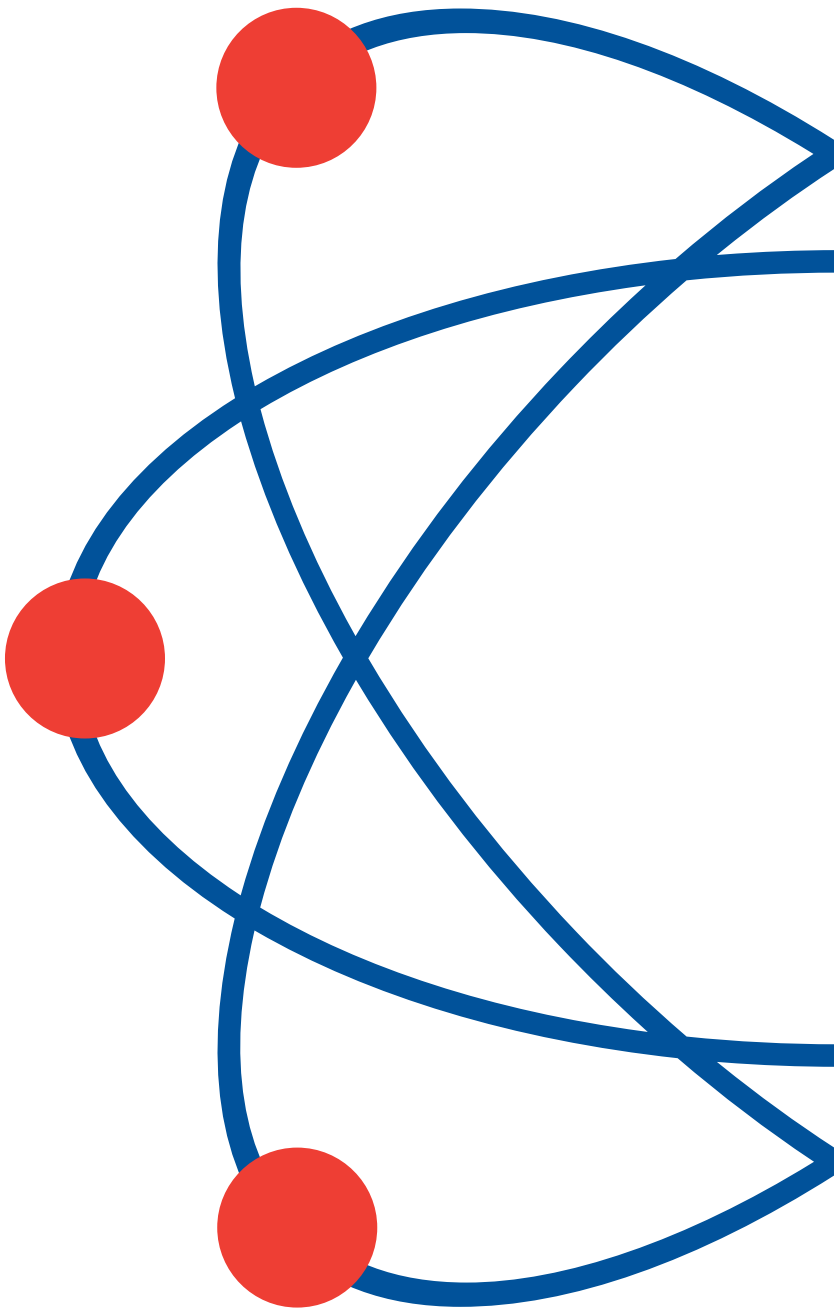
All product contact parts are made from food and pharma grade materials and are suitable for autoclave cleaning. Optional cleaning trolleys can be used for convenient cleaning and storage of the product contact parts.



## Standard features

- *Servo controlled product dosing slider*
- *Maintenance free vibratory plate servo drives*
- *Infra-red product detection*
- *Servo controlled separator and discharge flaps*
- *GMP compliant design*
- *Up to 45 discharges per minute on a 100 count*
- *Easy to clean*
- *Low noise emission*





**Cremer Speciaal machines B.V. (head office)**

Heereweg 5  
2161 AB Lisse  
Holland

Tel. : +31 (0)252 41 90 38  
Fax : +31 (0)252 41 87 18  
E-mail : sales@cremer.com

**Cremer Services B.V. (helpdesk and services)**

Heereweg 5  
2161 AB Lisse  
Holland

Tel. : +31 (0)252 34 30 30  
Fax : +31 (0)252 34 30 90  
E-mail : services@cremer.com

Authorised agent



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