

Automatic checkweigher and sampling unit

The electronic (E) version of each machine in the range of Zanasi capsule fillers may be equipped with a sampling unit (SPC) and a statistical checkweigher. These devices automatically sample and weigh the capsules, providing information as to the adjustments to be eventually made or causing the machine to stop in case of out-of-tolerance weights being measured.

When the weighing operation has been completed, the capsules found to fall within the prescribed limits are returned to the finished product container while those found to be out-of-tolerance are conveyed into an appropriate reject container.

The checkweigher, which comes complete with a computer, a scale and a printer, performs a two-fold function, namely:

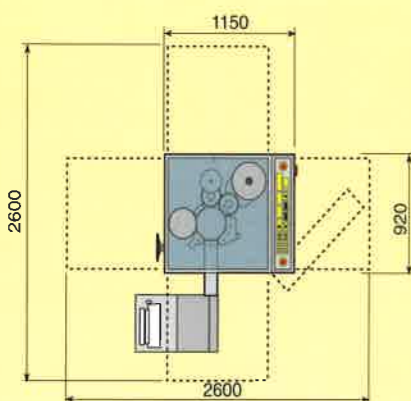
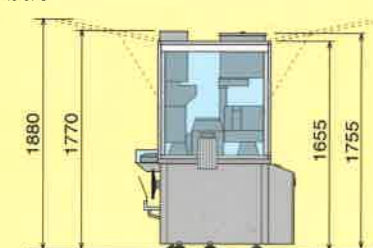
- checks the processing consistency of each dosator, giving the operator information on any adjustments to be made;
- provides a statistical calculation of all capsule weight check parameters, filing relevant data and giving print-outs for quality control.

The E-version Zanasi capsule filling machines may also be equipped with an automatic processing parameter adjusting system which operates on the basis of the data supplied to it by the checkweigher.

Machine configuration may be further expanded by the addition of automatic product and empty capsule feeding systems and of finished product management systems, thus permitting the capsule filling machines to be run without any operator in attendance.



Approximate dimensions



TECHNICAL DATA

<i>Maximum speed</i>	Zanasi 6 E/F	6.000 capsules/hr
	Zanasi 12 E/F	12.000 capsules/hr
	Zanasi 25 E/F	25.000 capsules/hr
	Zanasi 40 E/F	40.000 capsules/hr

<i>Installed power max machine</i>	8 kW
<i>Suction unit + pump</i>	8 kW
<i>Standard voltage</i>	230-400V 50-60 Hz
<i>Suction</i>	3850 lt/min 2500 mm H ₂ O

<i>Compressed air</i>	
Zanasi 6/12 E/F	30 dm ³ /min - 6 bar
Zanasi 25 E/F	50 dm ³ /min - 6 bar
Zanasi 40 E/F	100 dm ³ /min - 6 bar

<i>Vacuum</i>	
Zanasi 6/12 E/F	40 m ³ /h - 20 mbar
Zanasi 25/40 E/F	100 m ³ /h - 20 mbar

Weight 1.000 kg

ENVIRONMENT CONDITIONS • Temperature: 5° to 40°C • Relative humidity: up to 70% • Altitude: up to 1,000 m

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INTERMITTENT MOTION CAPSULE FILLING MACHINES



The Zanasi series of capsule filling machines has been especially designed for the filling of hard gelatine capsules and thanks to their versatility the machines can process a wide range of products. Their flexible design permits the filling of the same capsule with a combination of different products.

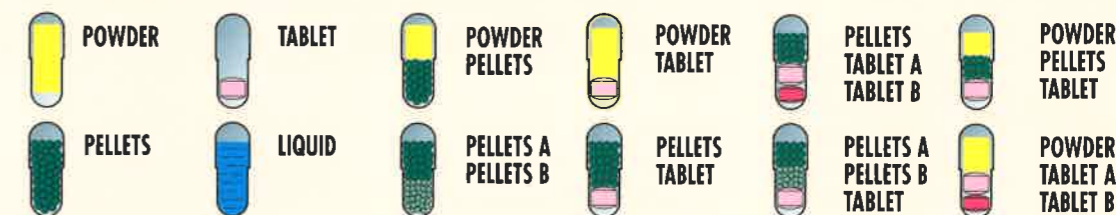
Best results in terms of production speed and dosing accuracy can be achieved thanks to the possibility of separately adjusting machine processing parameters and to the diverse design features dosing units. Operator friendliness is a hallmark of these machines; their simple construction and ergonomic interface means that they can be run by even unskilled operators.

Easy access to the working area makes for extremely quick size change-over and cleaning. All size parts feature special locking devices for quick and easy manual change-over, requiring the use of just one wrench.

Each machine in this series comes in two versions: the simpler and less expensive F version, and the E version which features electronic devices for production monitoring and automatic adjustment of processing parameters.

DOSING COMBINATIONS

ZANASI 6 E/F
ZANASI 12 E/F



ZANASI 25 E/F
ZANASI 40 E/F

