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## **PRESS RELEASE**

### **More accuracy and versatility in the packaging of cosmetics products with the net weight linear filling machine Athena**

**During the Interpack 2008 fair trade, Serac presents Athena, a new concept of linear weight-filling machine that guarantees a net weight filling and optimizes the versatility of production lines.**

Latest model of the range of weight-filling machines developed by Serac, Athena is a linear machine especially dedicated to productions in small series with a great number of references, in cosmetics. Running at a speed of up to 50 cpm, this machine profits from an innovating concept which meets perfectly the needs for versatility required for this type of application. Indeed, one of the strong points of the new weight-filling machine Athena lies in the use of a system that allows for the transfer of the containers fitted in pucks, thus avoiding the changes of tools at the time of the passage of a reference to another. "Each pucks is designed to suit the container's particular shape and dimensions. To change reference, it is enough to change pucks, which minimizes the production downtimes. In addition, the transfer of the containers is ensured by a conveyor motorized by a brushless drive system which allows a soft transfer and of a high level of accuracy, without wave effect" underlines Mariano Lopez, sales director of the Perfumes, Beauty and Health division of Serac. The Athena weight-filling machine can be fitted with 4 to 6 filling nozzles. The bottles, inserted in their pucks, are presented simultaneously and, each one is positioned on an individual weighing station and under

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a filling nozzle. The scale remove the tare of the bottle inside his puck, opens the filling nozzle, starts the filling process and closes it once the net weight target is achieved.

For the filling of viscous products, the feeding tank is equipped with a system of pressurization. An on line control system checks that each bottle has received the correct quantity of product and proceeds, if necessary, with an automatic adjustment of the amounts, according to the dosing tolerance set by the user of the machine. The bottles that are out of this zone of tolerance are rejected by the machine. Thanks to this system allowing for net weight dosing and auto-correction through a permanent feedback, the linear bottle-filling machine Athena ensures a more accurate dosing than volumetric or flow metering bottle filling machines. "Serac technology guarantees the absence of over dosing, with an average perfectly centered on the targeted weight with excellent standard deviations" Mariano Lopez indicates. Coupled with the capping machine Gaia, the Athena bottle-filling machine becomes the highly versatile packaging line Cronos for the filling and the capping of cosmetic products. This range is equipped with a cleaning in place device CIP-SIP which authorizes the sanitization or the sterilization of the circuit product at active temperatures up to 120°C.

**Photos available on [www.worldpressonline.com](http://www.worldpressonline.com)**

Serac at Interpack

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