

SINCROSTAR NEW VERSION UPGRADE



Dear Customer,

Gea Procomac Spa informs you of the possibility to supply the new *Sincrostar* model equipped with graphic type display instead of the old alphanumeric one.

The remarkable experience achieved by Gea Procomac in the bottles alignment and master/slave machine synchronizations, has allowed us to develop this new version of the *Sincrostar* which independently controls all the electronic functions for the adjustment of the bottles alignment conveyors and synchronizations.

The new *Sincrostar* model is a reliable product and has already been successfully tested as we have been installing it on our machines for some years with excellent performances

Compared to the previous model, the new *Sincrostar* has a more quick and better performing microprocessor, which has allowed to implement and improve the calculation algorithms which manage the speed of the conveyors.

The new *Sincrostar* is equipped with a colored graphic display which facilitates the man/machine interface if compared to the previous version.

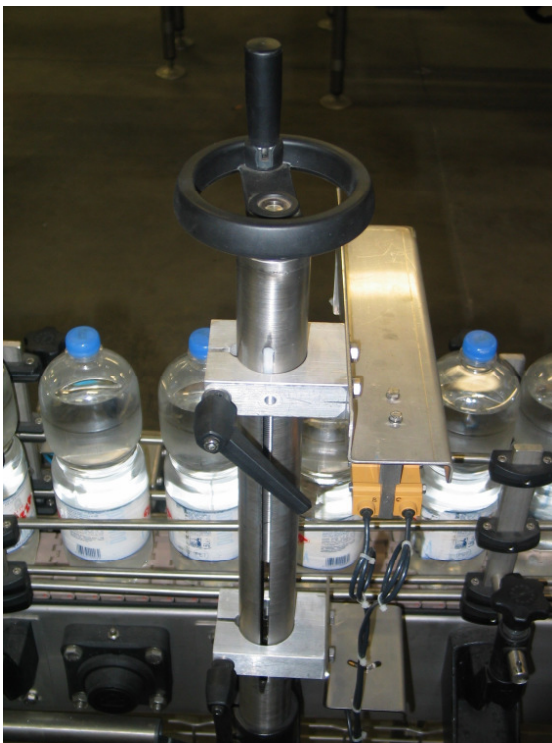
Furthermore there are some optional available which are not feasible on the old model.

END OF PRODUCTION FOR ALPHANUMERIC SINCROSTAR

The upgrade of the new *Sincrostar* avoids problems due to the end of production of the old alphanumeric model.
For the old model Gea Procomac Spa is able to guarantee the repair works until the necessary electronic parts are available on the market.



NEW PHOTOCELL SUPPORT



The proposed upgrade foresees the replacement of the bottle flow control photocell support with a new support system equipped with height adjustment through hand-wheel.

This new system enables more quick changeover operations and fixes the position of the two photocells in a rapid and safe way through a clamping lever.

Furthermore the replacement of the teeth counting sensor of the conveyor with an encoder is foreseen in order to avoid wrong readings which could occur with the old system.

➤ **FEATURES OF THE NEW SINCROSTAR MODEL**

- *Display LCD:* Graphic 320x240 pixels 16 colours STN
- *Processor:* Micro Z180 Clock 12MHz
- *RAM:* 32KB
- *Max master speed:* 60.000 b/hour
- *Max bottle diameter:* 150mm
- *Min bottle diameter:* 40mm
- *Profibus connection:* Yes (optional)
- *Protection degree:* IP65
- *Electrical feeding:* 24Vdc / 1A
- *Dimensions:* 330x220x150mm

AVAILABLE OPTIONS

There are some optional available for the new *Sincrostar* model which were not available for the old model:

- a) **Blow for fallen bottle reject (only aligning version):** this function requires the insertion of two further photocells and an electro-valve and enables to reject the fallen bottles on the bottle transfer table avoiding bottle jams in the single lane area.
- b) **Profibus interface:** this interface enables to connect the new *Sincrostar* with a Profibus net, improving the integration of the unit with the rest of the plant.

TERMS OF SUPPLY

As far as the terms of supply are concerned, please refer to our Upgrades dept who will prepare the best technical/sales proposal for the replacement of the old *Sincrostar* model with the new graphic type one on the Gea Procomac Spa plants you have.

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