# ASEPTIC FILLERS

## FROM SMALL BAGS UP TO 1000 LITERS




TROPICALFOOD
MACHINERY

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Our range of highly reliable aseptic fillers is dedicated to small and large-scale productions plants that require thorough control over the finished product while meeting the highest construction and hygiene standards.

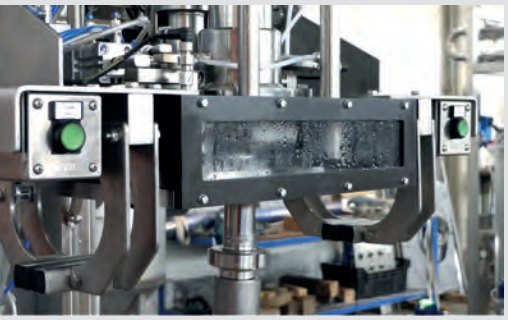
Each filler is entirely designed and manufactured by Tropical Food Machinery, the sterility of our systems is guaranteed through steam or hydrogen peroxide. Our aseptic fillers can be combined with any type of aseptic system or integrated into our TFM complete processing lines.

**Production:**

- Natural juices
- Concentrated juices
- Purée or sauces

**Formats:**

- Bags - from 3 to 20 l
- Drums - 220 l
- Bins or Goodpacks - 1000 l







## DIONE - EA-2C-SB

### Double Head - For bags of 3, 5, 10, 20 liters

A compact, efficient, and smart solution for the aseptic filling of small formats.

| Filling capacity : | |
|---|---|
| 3 liters bags | 600 bags/h |
| 5 liters bags | 400 bags/h |
| 10 liters bags | 200 bags/h |
| 20 liters bags | 100 bags/h |
| **Consumptions - max. :** | |
| Electrical power | 0.5 kW |
| Steam | 100 kg/h |
| Compressed air | 520 Nl/min |
| **Machine dimensions : 1.5 x 0.9 x 2.8 m** | |

The machine can be supplied with an automatic system for feeding empty bags and loading them under the filling heads.





## CALIPSO - EA-1C-D / EA-2C-D

### Single or Double Head - For 220 liters drums

The most widely used and reliable solution for any standard production.

| Filling capacity : | SINGLE HEAD | DOUBLE HEAD |
|---|---|---|
| 220 liters drums | 15 bags/h | 24 bags/h |
| **Consumptions - max. :** | | |
| Electrical power<br>Steam<br>Compressed air | 0.5 kW<br>50 kg/h<br>285 Nl/min | 0.8 kW<br>100 kg/h<br>570 Nl/min |
| **Machine dimensions :** | 3.6 x 1.5 x 3.3 m | 4.2 x 3 x 3.3 m |

## TETI - EA-1C-BD / EA-2C-BD

### Single or Double Head
### For 220 liters drums or 1000 liters bins

Suitable for large-scale production plants and the filling of various formats.

| Filling capacity : | SINGLE HEAD | DOUBLE HEAD |
|---|---|---|
| 220 liters drums<br>1000 liters bins | 24 bags/h<br>5 bags/h | 50 bags/h<br>10 bags/h |
| **Consumptions - max. :** | | |
| Electrical power<br>Steam<br>Compressed air | 5.5 kW<br>50 kg/h<br>285 Nl/min | 10.8 kW<br>100 kg/h<br>570 Nl/min |
| **Machine dimensions :** | 5.7 x 3.2 x 4 m | 6 x 5.5 x 4 m |



## STANDARD FEATURES

All our aseptic fillers are constructed using food grade certified plastic materials or AISI 316 steel.

With the sole exception of aseptic bag positioning, every other filling operation is automatic. Product dosing is controlled by a flow meter (Dione) or by the combined or separate use of a flow meter and load cells (Calipso, Teti), while the sterility of the filling chamber and piping is monitored by certified temperature probes.

For double head versions, the available filling format can be set independently, allowing the same product to be filled into multiple formats.

**Tropical Food Machinery** is an international company with its headquarters and production facility in Italy and Brazil. The company owes its reputation to the independent design and construction of complete plants for fruit and vegetable processing for small producers to the large industry.

Tropical Food Machinery deals with the construction, commissioning and production optimization of the machinery, as well as the design of the entire processing plant. This vertical integration ensures high standards of quality control and plant management while fostering strong relationships with our customers.



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