



# Linear piston filler

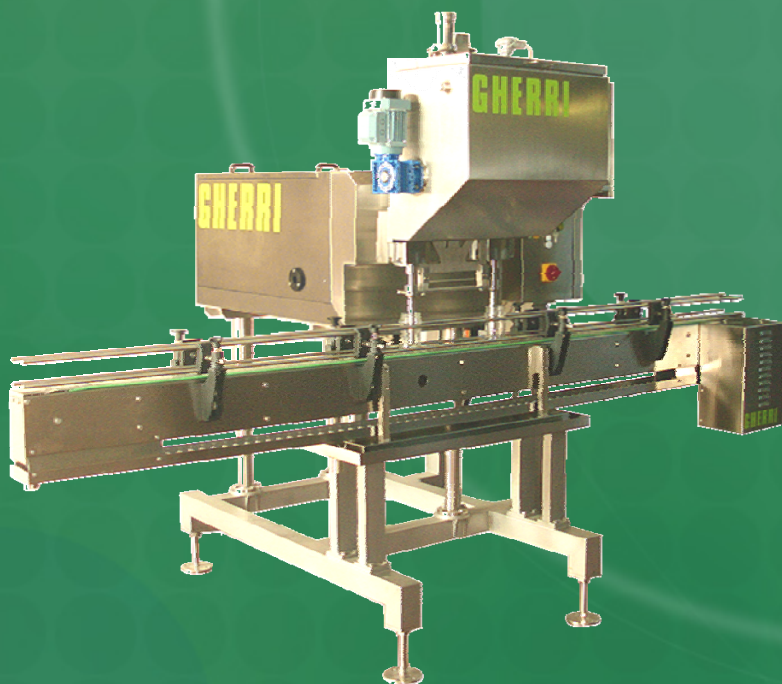
Model: PF/2T



**GHERRI**  
FOOD TECHNOLOGY

## General features

Machine suitable to the high reliability dosing of thick and semi-thick products such as jam without or with pieces, tomato paste, ketchup, meat or vegetable-based sauces, baby-food, paté and similar products.



- Stainless steel base;
  - Easy cleaning;
  - Can be inserted in pre-existing lines
- Manual height adjustment
- Easy access for maintenance
- Probe for hopper level control
- Pneumatic jar positioning
- Automatic stop of jars at inlet/outlet in case of stop jamming
- Stainless steel electric panel
- TouchScreen operator's panel
- Safety guards
- Belt conveyor driven by Inverter
- Construction according to CE standards



## Flexibility



**Special system  
cylinder/piston**

**from 25cc to 1130cc**  
without changing  
any component

**Quick replacement  
of change part  
for another format**

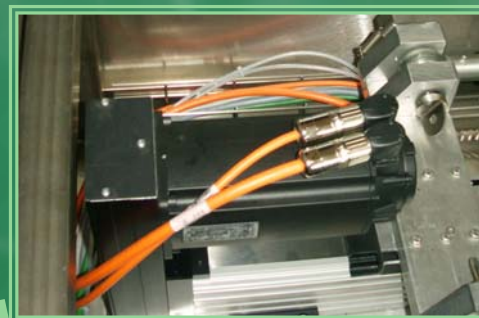
**Brushless motor**

**Dosing volume**  
electronic adjustment

**Variable speed**  
adaptable to product  
and container

**Control by PLC**

**Memorization**  
parameter and recipes



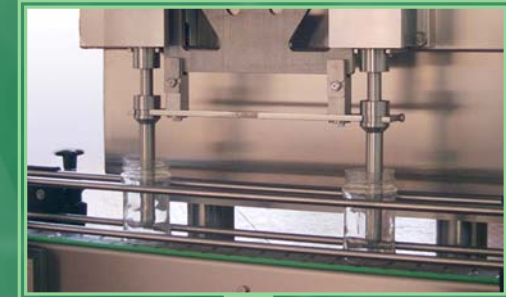
## High precision

Dosing unit

Brushless motor

Electronically adjusted  
dosage volume

Vertical valve  
with shutter



Total emptying  
(none uncontrolled point)

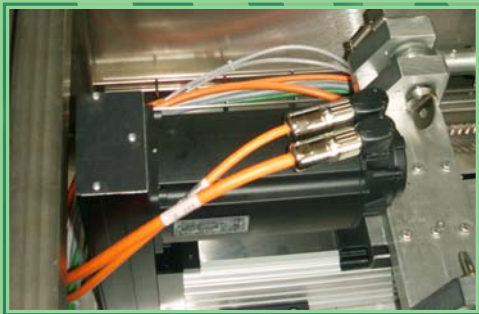
Filling mode

Filling from high  
above mouth

From the bottom  
(with telescopic plunging nozzle)

Various nozzle  
planned basing on product treated

Acts as closing valve  
To prevent from dripping



## Product care

### Product hopper



Capacity: 45lt.

2-way butterfly valve for product infeed

Level automatic control through level probe

*OPTIONAL:* kit for heated hopper

*OPTIONAL:* kit of prduct agitator

## Cleaning

Outside cleaning

Simple cleaning

High level of sanitization



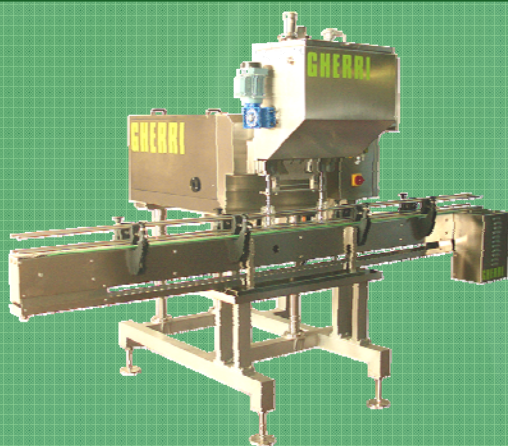
Cylinder washing

Automatic cycle

Complete cylinder washing



## Technical Features



Jar diameter	: 40 ÷ 160 mm
Jar height	: 40 ÷ 250 mm
Dosing capacity	: 25 ÷ 1100 ml
Installed electric power	: 1,5 kW
Air consumption	: 1 Nm <sup>3</sup> / h
Overall dimensions	: 3000 x 1500 x H=2000 mm
Net weight	: 600 kg

**Flexibility**  
**High precision**